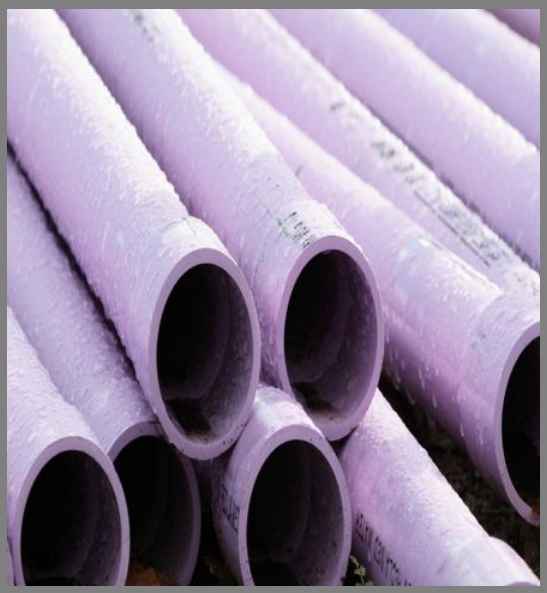
Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Recycled Water FY 2010/2011 Annual Report



Water Smart ~ Thinking in Terms of Tomorrow

TABLE OF CONTENTS

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.

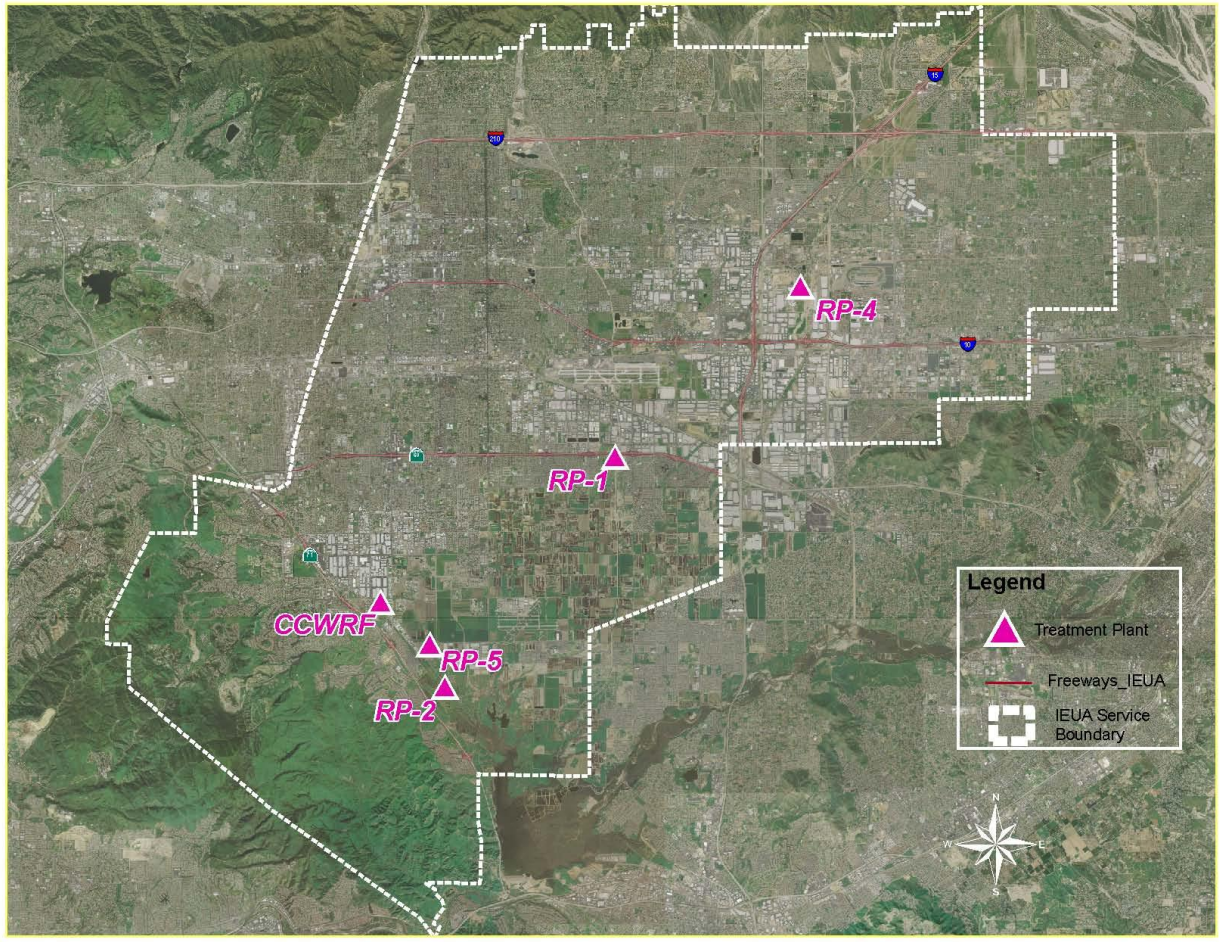


Figure 1 – IEUA Service Area

RECYCLED WATER SALES:

During the fiscal year 2010/11, the average recycled water supply from IEUA's facilities was approximately 53 million gallons per day (MGD). Annual Recycled water demand for direct use and recharge purposes was approximately 42 percent of the available supply. During the summer peak months, the daily recycled water demand is over 70 percent of the available supply.

Of the 53 MGD or 58,900 AFY of recycled water produced during the fiscal year, 24,684 acre feet per year (AFY) were beneficially reused for a variety of applications including landscape irrigation, agricultural irrigation, industrial process water, and groundwater recharge. The usage is categorized in Table 1.

Type of Usage	Demand for FY 10/11 (AFY)
Agricultural	7,707
Construction	6
Industrial	1,510
Landscape	7,433
Recharge	8,028
Total Demand (AFY):	**24,684**

Table 1 – Annual Usage per customer usage type

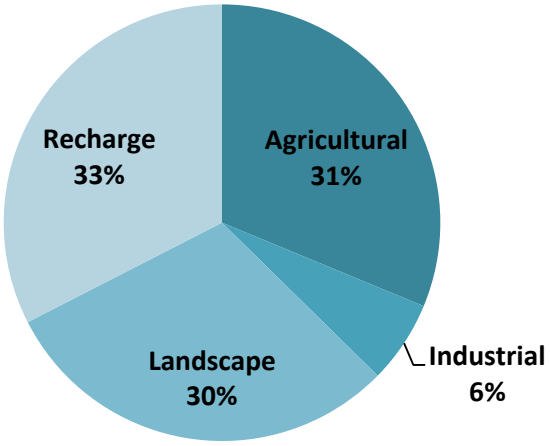


Figure 2 – Customer Type Usage Breakout by Percentage

Recycled water sales during FY 2010/11 was over 24,684 acre-feet (AF), an increase by over one percent from the previous fiscal year's sales. A summary of the history of the recycled water sales is provided in Figure 3 below.

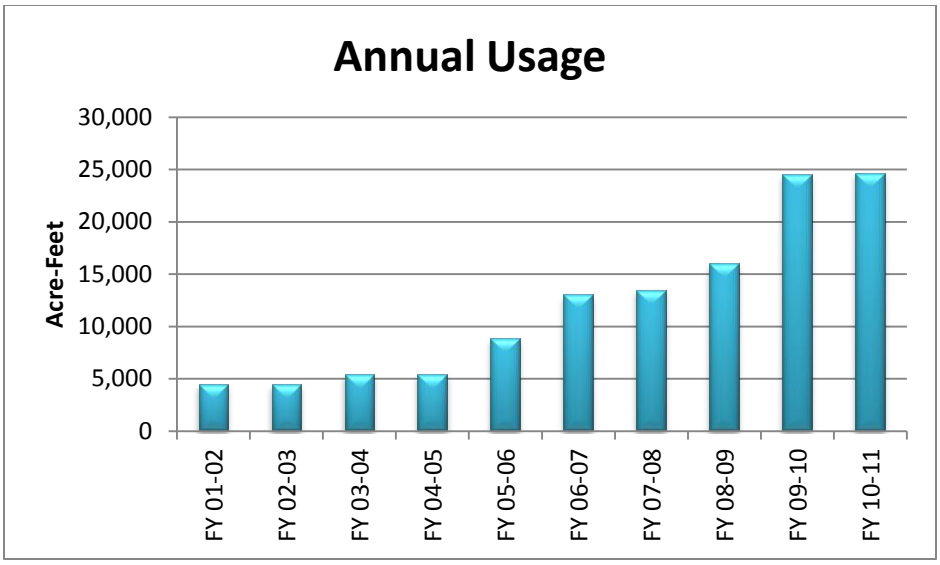


Figure 3 –Historic Annual Usage in Acre-foot

During FY 2010/11 over 50 new users, with a new connected demand of 10,990 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. The recycled water and effluent monitoring and compliance data is provided in Appendices A to C. The 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, and maintenance activities in the basins. Summary of groundwater recharge and direct use sales of recycled water is provided in Figure 4.

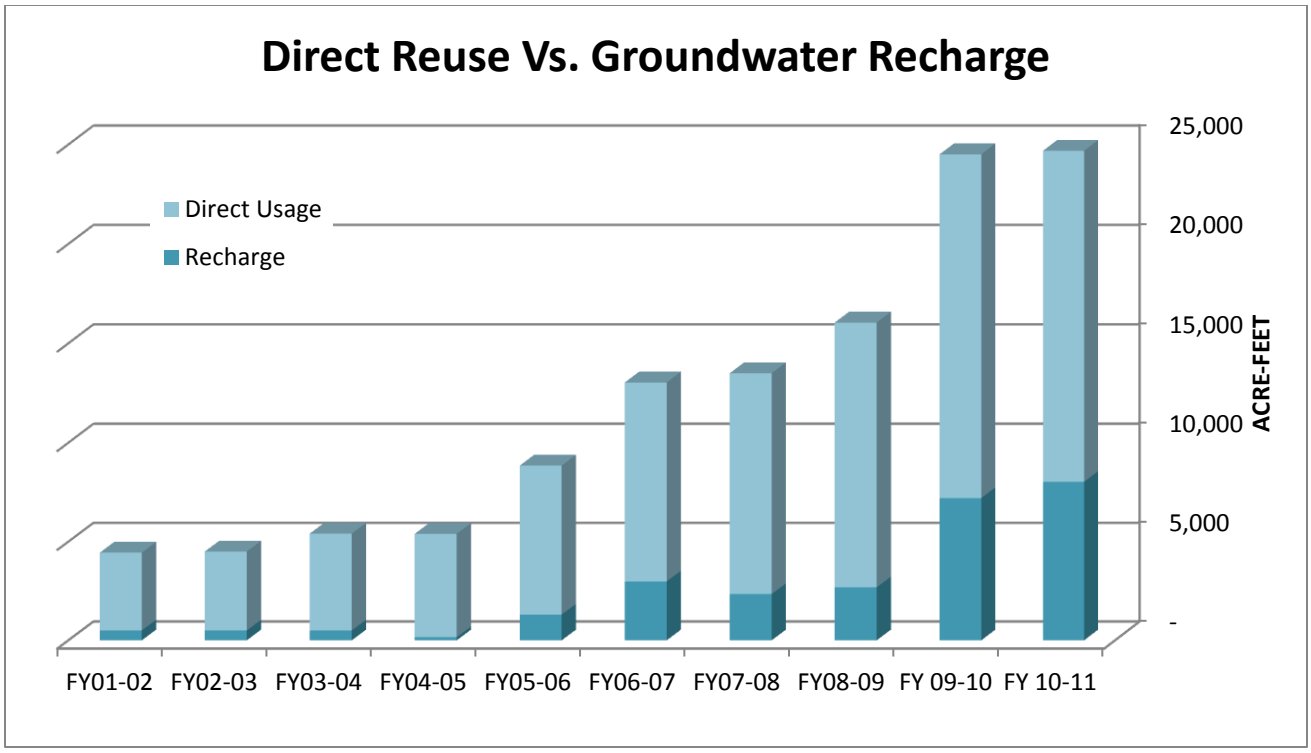


Figure 4 – Historical Comparison of Direct Usage vs. Groundwater Recharge

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 Park	Landscape	1,030
CW Farms	Agricultural	895
Lewis Farms	Agricultural	721
CW Farms III	Agricultural	632
Whispering Lakes Golf Course	Landscape	623
Empire Lakes Golf Course	Landscape	462
WESTSTEYN DAIRY	Agricultural	454
Nyenhius Dairy	Agricultural	453
Vellano	Landscape	422
Cleveland Farm	Agricultural	384
TOTAL USE		**6,076**

Table 2 – IEUA's Top 10 Customers for FY 2010/11 Usage

ECONOMIC AND ENVIRONMENTAL IMPACTS

The wholesale rate for recycled water to IEUA's member agencies from July to December 2010 was $75/AF for direct usage and $85/AF for recharge and from January 2011 to June 2011 was $95/AF for direct usage and $115/AF for recharge. Table 4 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 24,684 AFY of recycled water reused during the fiscal year is the equivalent of the water supply for roughly 25,700 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 58,900 AFY wastewater treated, 100% met the most stringent Department of Public Health Title-22 water quality standards. 24,684 AFY was used for direct sales or groundwater recharge. Over 50 new sites were connected during the fiscal year, with an additional connected demand of 10,990 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

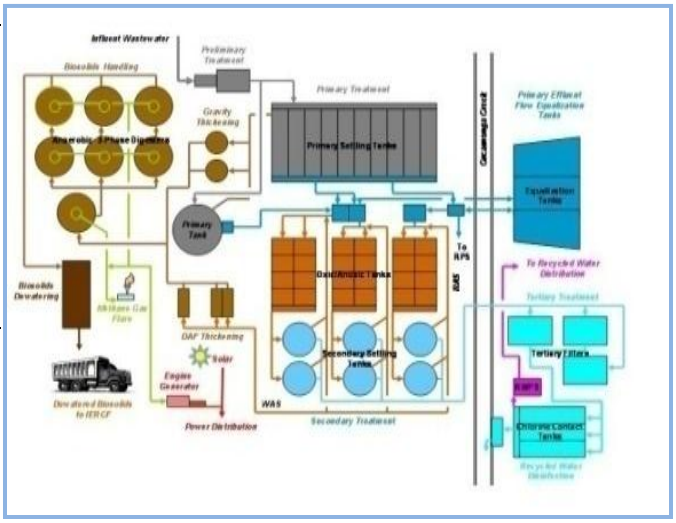
Regional Water Recycling Plant No. 1 (RP-1) is located in the City of Ontario near the intersection of California State Route 60 and Archibald Avenue. This facility was originally commissioned in 1948 and has undergone several expansions to increase the design of wastewater treatment capacity to the 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:	***44.0 MGD***
Influent Flow:	***28.3 MGD***
Water Reused:	***19.5 MGD****
Creek Discharge:	***12.5 MGD****

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

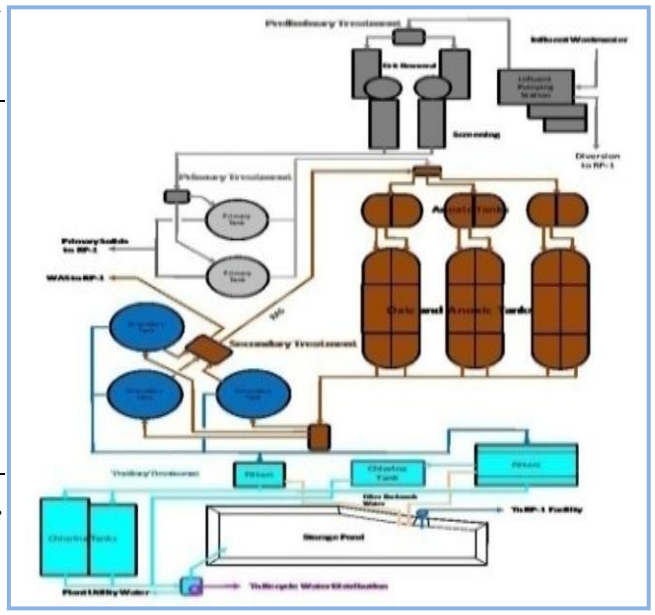


Regional Water Recycling Plant No. 4 (RP-4)

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:	***14.0 MGD***
Influent Flow:	***10.7 MGD***
Water Reused:	***19.5 MGD****
Creek Discharge:	***12.5 MGD****

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

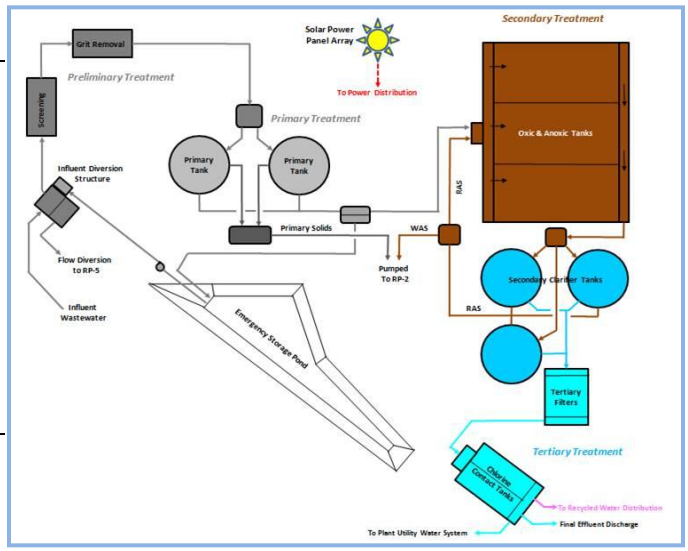
Carbon Canyon Water Recycling Facility (CCWRF)

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 7.0 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:	***7.0 MGD***
Water Reused:	***2.0 MGD***
Creek Discharge:	***7.3 MGD***



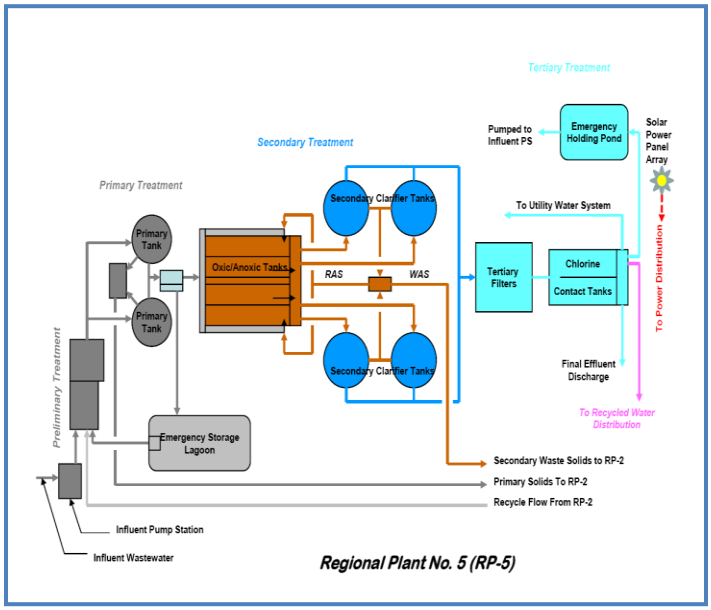
Regional Water Recycling Plant No. 5 (RP-5)

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:	***16.3 MGD***
Influent Flow:	***7.4 MGD***
Water Reused:	***1.5 MGD***
Creek Discharge:	***7.3 MGD***



Regional Plant No. 5 (RP-5)

CURRENT RECYCLED WATER CAPITAL PROGRAM

The IEUA currently produces over 53 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 4. Details of the projects that were in design or construction during FY 2010/11 are summarized below.

Table 3 – FY2010-2011 Capital Project Summary

Completed Projects	Location	Project Cost	Grants	Demand (AFY)	Schedule
Phase IV RW Projects: NE Area Projects	Rancho Cucamonga & Fontana	$24 M	$11.2 M	10,000 3MG Storage	Complete
RP-5 RWPS Expansion	Chino	$1.5 M		Reliability	Complete
Total Completed Projects		**$25.5 M**	**$11.2 M**	**10,000**	

Projects in Design/Construction	Location	Project Cost	Grants	Demand (AFY)	Schedule
NW Area Projects	Ontario, Rancho Cucamonga & Upland	$27 M	$6 M	1,300 3MG Storage	Spring 2012
Southern Area Projects	Chino & Chino Hills	$24 M	$4 M	5MG Storage	Spring 2013
Central Area Projects	Ontario & Fontana	$15 M	$1 M	3,800	Winter 2013
Total Projects Design/Construction		**$66.0 M**	**$11.0 M**	**5,100**	
TOTAL PROJECTS		**$91.5 M**	**$22.2 M**	**15,100**	

PROJECTS CONSTRUCTED in FY 2010/11

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.

The **RP-5 Recycled Water Pump Station Expansion** project consists of an expansion to increase the flow from 15 to 20 MGD. The pump expansion included upgrades and the replacement of the mechanical, electrical and structural systems, and the installation of a new dechlorination facility adjacent to the Headquarter Buildings.

PROJECTS IN CONSTRUCTION IN FY 2010/11

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 the 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: Construction to be finished in Spring 2012.

PROJECTS IN DESIGN DURING FY 2010/11

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: Design completion is expected in January 2012.***

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. Expected construction completion is in December 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: Design completion is expected in December 2011.***

The **Wineville Extension Recycled Water Pipeline** includes 4.6 miles of 36 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 is in May 2012.***

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
- City of Fontana

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 2010/11 was $75/AF for direct usage and $85/AF for recharge between the months of July to December 2010. The rates were increased to $95/AF for direct usage and $115/AF for recharge between the months of January to June 2011. The retail agencies' recycled water rates during FY 2010/2011 are summarized below in Table 4.

Table 4 – Purveyor Water Rate Survey FY 2010/11

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 Type	Usage (HCF)	Rate
Potable Water	All	1	$1.23
Recycled Water	General	1	$0.86
	Agricultural	1	$0.43

City of Chino Hills			
	Zone	Usage (HCF)	Rate
Potable Water	Low	0-12	$1.40
		13-30	$1.62
		30-Higher	$2.00
Potable Water	Interim	0-12	$1.72
		13-30	$1.92
		30-Higher	$2.31
Potable Water	High	0-12	$1.75
		13-30	$1.99
		35-Higher	$2.34
Recycled Water	Low	0-12	$1.22
	Interim	13-30	$1.46
	High	30-Higher	$1.51
	Temporary	N/A	$1.66
	Agriculture	N/A	$0.85

MVWD			
	Tier	Usage (HCF)	Rate
Potable Water	1	1	$1.55
	2	1	$1.77
	3	1	$2.35
	4	1	$3.60
Recycled Water	N/A	1	$1.27

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

APPENDICES A to C

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-10	3.1	0.1	4.0	876	573	1,168	7.2	6.9	7.7	<2	<2	2	0.5	<1	<1	1	0.2	6.1	4.1	7.2	489	468	506	6.0	4.7	7.2	7.2	6.2	7.8	<0.1	<0.1	<0.1
Feb-10	4.1	0.0	6.0	1,045	753	1,109	7.4	6.7	7.7	<2	<2	2	0.5	<1	<1	<1	0.2	6.1	5.2	7.5	476	456	496	6.8	5.0	8.4	8.3	6.0	9.9	<0.1	<0.1	<0.1
Mar-10	3.8	0.1	4.0	1,029	804	1,147	7.4	6.9	7.8	<2	<2	2	0.6	<1	<1	1	0.3	6.1	5.1	7.8	466	452	474	6.4	5.8	7.2	7.5	6.8	8.3	<0.1	<0.1	<0.1
Apr-10	4.1	3.8	6.1	1,023	980	1,062	7.4	7.3	8.3	<2	<2	<2	0.5	<1	<1	<1	0.2	5.5	5.0	6.3	460	456	468	5.7	4.4	6.6	6.3	5.6	6.9	<0.1	<0.1	<0.1
May-10	4.0	3.7	4.1	1,068	1,018	1,102	7.5	7.4	8.3	<2	<2	<2	0.4	<1	<1	<1	0.1	5.6	5.0	6.0	471	459	482	5.5	3.6	7.2	6.7	5.7	8.2	<0.1	<0.1	<0.1
Jun-10	4.0	3.5	5.2	1,145	1,088	1,174	7.4	7.1	7.6	<2	<2	<2	0.4	<1	<1	<1	0.1	5.4	4.8	6.5	468	451	474	4.9	3.7	5.8	5.8	4.9	6.3	<0.1	<0.1	<0.1
Jul-10	3.2	3.0	3.5	1,194	1,158	1,237	7.2	7.1	7.4	<2	<2	<2	0.5	<1	<1	1	0.2	5.7	4.8	6.4	484	466	492	5.5	4.3	6.9	7.1	5.5	8.8	<0.1	<0.1	<0.1
Aug-10	3.5	3.0	7.8	1,325	1,113	1,405	7.3	7.2	7.4	<2	<2	<2	0.5	<1	<1	<1	0.2	5.5	4.9	6.0	518	502	532	5.3	4.3	6.3	5.9	5.1	6.4	<0.1	<0.1	<0.1
Sep-10	3.6	0.1	5.4	1,219	854	1,399	7.4	7.1	7.8	<2	<2	<2	0.5	<1	<1	1	0.2	5.6	5.2	6.4	513	498	522	3.8	1.8	6.9	4.2	3.6	5.1	<0.1	<0.1	<0.1
Oct-10	4.0	3.0	9.5	816	770	915	7.4	6.7	7.6	<2	<2	<2	0.6	<1	<1	2	0.2	5.4	5.0	6.1	480	462	514	5.9	4.9	7.3	7.3	6.5	8.6	<0.1	<0.1	<0.1
Nov-10	3.1	1.0	3.5	746	633	851	7.2	6.9	8.0	<2	<2	<2	0.5	<1	<1	<1	0.2	5.5	4.8	6.2	477	436	558	6.3	5.3	7.2	7.5	6.7	8.9	<0.1	<0.1	<0.1
Dec-10	2.1	0.0	4.5	788	448	1,179	7.0	6.5	7.4	<2	<2	2	0.5	<1	<1	<1	0.2	5.6	5.0	6.5	494	488	500	5.1	3.7	5.9	6.3	4.6	7.2	<0.1	<0.1	<0.1
Avg	**3.5**	**1.8**	**5.3**	**1,023**	**849**	**1,146**	**7.3**	**7.0**	**7.7**	**<2**	**<2**	**<2**	**0.5**	**<1**	**<1**	**<1**	**0.2**	**5.7**	**4.9**	**6.6**	**483**	**466**	**502**	**5.6**	**4.3**	**6.9**	**6.7**	**5.6**	**7.7**	**<0.1**	**<0.1**	**<0.1**
Min	**2.1**	**0.0**	**3.5**	**746**	**448**	**851**	**7.0**	**6.5**	**7.4**	**<2**	**<2**	**<2**	**0.4**	**<1**	**<1**	**<1**	**0.2**	**5.4**	**4.1**	**6.0**	**460**	**436**	**468**	**3.8**	**1.8**	**5.8**	**4.2**	**3.6**	**5.1**	**<0.1**	**<0.1**	**<0.1**
Max	**4.1**	**3.8**	**9.5**	**1,325**	**1,158**	**1,405**	**7.5**	**7.4**	**8.3**	**<2**	**<2**	**2**	**0.6**	**<1**	**<1**	**2**	**0.3**	**6.1**	**5.2**	**7.8**	**518**	**502**	**558**	**6.8**	**5.8**	**8.4**	**8.3**	**6.8**	**9.9**	**<0.1**	**<0.1**	**<0.1**

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

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

Table No. 3b

	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-10	30.2	14.6	45.7	1,038	904	1,104	6.9	6.6	7.4	<2	<2	2	0.5	1	<1	6	0.7	5.9	4.2	7.0	490	474	510	5.7	4.7	6.9	7.0	7.0	7.0	<0.1	<0.1	<0.1
Feb-10	34.1	27.0	44.1	922	841	1,054	7.1	6.8	7.3	<2	<2	2	0.5	<1	<1	2	0.4	6.1	5.3	7.0	477	468	486	6.4	4.8	7.8	7.7	6.3	9.1	<0.1	<0.1	<0.1
Mar-10	26.8	16.6	39.5	926	883	963	7.1	6.7	7.5	<2	<2	2	0.6	<1	<1	2	0.3	6.1	5.0	7.9	477	464	488	6.2	5.8	6.8	7.3	6.8	8.1	<0.1	<0.1	<0.1
Apr-10	14.3	6.2	28.7	908	857	965	7.2	6.7	8.1	<2	<2	<2	0.5	<1	<1	<1	0.3	5.3	4.8	6.3	480	460	516	5.6	4.2	6.8	6.3	5.7	6.8	<0.1	<0.1	<0.1
May-10	9.7	7.3	13.8	849	771	974	7.4	6.8	7.6	<2	<2	3	0.5	<1	<1	<1	0.3	5.4	4.8	6.1	490	464	522	5.3	3.4	7.3	6.7	5.5	8.2	<0.1	<0.1	<0.1
Jun-10	4.3	3.3	4.9	815	714	915	7.5	6.8	7.7	<2	<2	6	0.5	<1	<1	1	0.3	5.1	4.5	5.9	516	473	566	4.8	3.6	5.7	5.6	5.1	6.1	<0.1	<0.1	<0.1
Jul-10	1.8	0.2	7.0	833	779	934	7.6	7.0	7.8	<2	<2	3	0.5	<1	<1	4	0.4	5.3	4.6	6.1	525	510	542	5.4	4.3	6.7	6.7	5.8	7.7	<0.1	<0.1	0.1
Aug-10	5.0	0.4	11.8	829	748	936	7.4	6.8	7.7	<2	<2	<2	0.5	<1	<1	<1	0.3	5.2	4.5	5.6	484	462	522	5.2	3.9	6.2	6.2	5.8	6.6	<0.1	<0.1	<0.1
Sep-10	6.7	1.5	14.7	953	907	1,056	7.3	6.6	7.5	<2	<2	<2	0.5	<1	<1	1	0.3	5.3	4.8	5.9	489	484	492	3.6	1.7	7.0	4.3	3.6	5.0	<0.1	<0.1	<0.1
Oct-10	12.1	1.6	21.5	938	792	1,001	7.4	6.6	7.7	<2	<2	2	0.6	<1	<1	<1	0.3	5.1	4.7	5.6	490	474	522	5.9	5.0	7.2	7.4	6.3	8.4	<0.1	<0.1	<0.1
Nov-10	14.5	3.2	31.1	800	726	872	7.1	6.9	7.3	<2	<2	<2	0.5	<1	<1	1	0.4	5.2	4.6	5.8	476	450	492	6.1	4.9	7.3	6.5	6.3	6.7	<0.1	<0.1	<0.1
Dec-10	28.2	12.3	48.7	723	590	837	7.1	6.5	7.3	<2	<2	2	0.5	<1	<1	1	0.3	5.3	4.6	6.2	458	372	496	5.1	3.7	6.5	6.0	5.7	6.4	<0.1	<0.1	<0.1
Avg	**15.6**	**7.8**	**26.0**	**878**	**793**	**968**	**7.3**	**6.7**	**7.6**	**<2**	**<2**	**3**	**0.5**	**<1**	**<1**	**2**	**0.4**	**5.4**	**4.7**	**6.3**	**488**	**463**	**513**	**5.4**	**4.2**	**6.8**	**6.5**	**5.8**	**7.2**	**<0.1**	**<0.1**	**<0.1**
Min	**1.8**	**0.2**	**4.9**	**723**	**590**	**837**	**6.9**	**6.5**	**7.3**	**<2**	**<2**	**<2**	**0.5**	**<1**	**<1**	**<1**	**0.3**	**5.1**	**4.2**	**5.6**	**458**	**372**	**486**	**3.6**	**1.7**	**5.7**	**4.3**	**3.6**	**5.0**	**<0.1**	**<0.1**	**<0.1**
Max	**34.1**	**27.0**	**48.7**	**1,038**	**907**	**1,104**	**7.6**	**7.0**	**8.1**	**<2**	**<2**	**6**	**0.6**	**1**	**<1**	**6**	**0.7**	**6.1**	**5.3**	**7.9**	**525**	**510**	**566**	**6.4**	**5.8**	**7.8**	**7.7**	**7.0**	**9.1**	**<0.1**	**<0.1**	**0.1**

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-10	9.2	7.8	12.2	903	797	940	7.4	7.2	7.5	<2	<2	<2	1.0	<1	<1	1	0.7	3.5	3.2	3.9	514	498	536	6.0	4.5	8.8	5.8	5.8	5.9	<0.1	<0.1	<0.1
Feb-10	8.8	7.4	12.4	950	858	1,010	7.6	7.3	7.8	<2	<2	<2	1.0	<1	<1	2	0.7	3.8	3.3	4.6	550	538	566	6.7	5.3	8.1	7.1	6.7	7.8	<0.1	<0.1	<0.1
Mar-10	8.2	7.2	9.4	955	921	1,003	7.7	7.5	7.9	<2	<2	<2	1.1	<1	<1	2	0.6	3.6	3.2	5.3	548	534	566	8.6	5.7	13.6	8.3	8.1	8.4	<0.1	<0.1	<0.1
Apr-10	8.4	7.3	11.4	949	931	966	7.9	7.6	8.1	<2	<2	<2	0.9	<1	<1	2	0.6	3.5	3.1	4.1	518	502	528	6.9	5.3	9.5	7.7	7.4	8.1	<0.1	<0.1	<0.1
May-10	8.9	7.0	11.3	975	946	1,020	7.5	6.6	8.2	<2	<2	<2	0.8	<1	<1	2	0.6	4.2	3.6	5.2	517	510	525	5.5	4.1	7.2	6.4	6.3	6.5	<0.1	<0.1	0.2
Jun-10	8.9	7.8	9.8	1,026	996	1,048	7.2	7.0	7.5	<2	<2	3	0.7	<1	<1	3	0.5	4.0	3.6	4.5	530	508	548	5.4	3.5	7.6	7.4	6.4	8.5	0.3	<0.1	0.5
Jul-10	8.4	3.5	9.5	954	879	1,068	7.2	6.9	7.4	<2	<2	<2	0.8	<1	<1	2	0.6	4.0	3.7	4.5	516	500	524	5.3	3.9	6.4	6.1	5.9	6.3	0.2	<0.1	0.4
Aug-10	0.7	0.0	4.2	895	846	971	7.2	6.9	7.4	<2	<2	<2	0.8	1	1	6	0.4	4.2	3.8	5.3	528	528	528	5.8	5.3	6.2	7.0	7.0	7.0	<0.1	<0.1	<0.1
Sep-10	0.0	0.0	0.0	873	847	911	7.3	7.1	7.6	<2	<2	<2	0.9	<1	<1	1	0.4	4.0	3.8	4.4	ND	ND	ND	6.1	5.1	6.8	ND	ND	ND	ND	ND	ND
Oct-10	6.7	0.0	9.2	861	840	896	7.3	7.1	7.5	<2	<2	<2	1.2	<1	<1	3	0.5	4.0	3.7	4.7	509	498	520	6.1	5.4	7.1	6.9	6.7	7.1	0.1	<0.1	0.1
Nov-10	8.4	5.8	9.8	853	797	1,064	7.3	6.8	7.4	<2	<2	<2	1.0	<1	<1	2	0.7	3.7	3.4	4.3	515	506	524	5.7	1.4	6.5	7.8	7.7	7.9	<0.1	<0.1	0.2
Dec-10	9.6	7.9	15.2	811	718	867	7.2	6.8	7.4	<2	<2	<2	1.1	<1	<1	2	0.9	3.9	3.4	4.8	522	496	554	5.0	3.4	6.9	5.7	5.5	5.8	<0.1	<0.1	<0.1
Avg	**7.2**	**5.1**	**9.5**	**917**	**865**	**980**	**7.4**	**7.1**	**7.6**	**<2**	**<2**	**<2**	**0.9**	**<1**	**<1**	**2**	**0.6**	**3.9**	**3.5**	**4.6**	**524**	**511**	**538**	**6.1**	**4.4**	**7.9**	**6.9**	**6.7**	**7.2**	**<0.1**	**<0.1**	**<0.2**
Min	**0.0**	**0.0**	**0.0**	**811**	**718**	**867**	**7.2**	**6.6**	**7.4**	**<2**	**<2**	**<2**	**0.7**	**<1**	**<1**	**1**	**0.4**	**3.5**	**3.1**	**3.9**	**509**	**496**	**520**	**5.0**	**1.4**	**6.2**	**5.7**	**5.5**	**5.8**	**<0.1**	**<0.1**	**<0.1**
Max	**9.6**	**7.9**	**15.2**	**1,026**	**996**	**1,068**	**7.9**	**7.6**	**8.2**	**<2**	**<2**	**3**	**1.2**	**1**	**1**	**6**	**0.9**	**4.2**	**3.8**	**5.3**	**550**	**538**	**566**	**8.6**	**5.7**	**13.6**	**8.3**	**8.1**	**8.5**	**0.3**	**<0.1**	**0.5**

ND: No Discharge

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-10	9.6	8.2	11.7	898	853	939	6.9	6.7	7.9	<2	<2	2	0.7	<1	<1	2	0.5	3.9	3.4	5.8	520	514	528	5.6	4.3	7.1	6.5	6.3	6.7	<0.1	<0.1	<0.1
Feb-10	9.8	7.2	11.9	902	812	949	7.0	6.8	7.1	<2	<2	2	0.7	<1	<1	2	0.3	3.8	3.5	4.3	533	526	542	5.1	3.9	6.4	5.4	5.1	5.9	<0.1	<0.1	<0.1
Mar-10	7.7	7.1	8.1	837	811	857	7.0	6.7	7.2	<2	<2	<2	0.7	<1	<1	2	0.3	3.9	3.3	5.0	520	508	530	4.7	3.8	6.0	5.6	5.0	6.6	<0.1	<0.1	<0.1
Apr-10	7.9	6.2	9.0	848	813	886	7.1	6.9	7.5	<2	<2	3	0.7	<1	<1	1	0.4	4.1	3.7	5.2	512	502	528	4.4	3.6	7.1	4.9	4.8	5.0	<0.1	<0.1	<0.1
May-10	4.5	2.5	7.8	861	837	893	7.1	6.8	7.1	<2	<2	<2	0.8	<1	<1	3	0.4	4.8	4.3	5.5	514	500	528	4.0	3.1	5.4	4.6	4.2	5.0	<0.1	<0.1	0.2
Jun-10	2.6	1.6	4.8	909	874	941	7.1	7.0	8.2	<2	<2	<2	0.8	1	<1	3	0.5	4.7	4.3	5.3	523	516	534	3.9	2.9	5.2	5.2	4.8	5.6	<0.1	<0.1	<0.1
Jul-10	2.0	1.3	4.4	927	896	952	7.3	6.5	8.5	<2	<2	<2	0.6	<1	<1	2	0.4	4.7	4.2	6.6	523	518	528	3.3	2.4	5.7	3.7	3.6	3.7	<0.1	<0.1	<0.1
Aug-10	3.9	1.4	5.8	868	775	937	7.1	6.9	7.2	<2	<2	<2	0.6	<1	<1	8	0.8	4.7	4.4	5.6	495	468	516	3.1	2.2	5.5	3.6	3.4	3.7	<0.1	<0.1	<0.1
Sep-10	5.3	2.7	6.7	791	710	837	7.2	7.0	7.5	<2	<2	<2	0.7	2	<1	22	0.6	4.8	4.3	5.7	499	494	508	3.7	2.7	4.9	4.9	4.8	4.9	<0.1	<0.1	<0.1
Oct-10	7.2	2.5	8.9	835	805	869	7.1	6.9	7.3	<2	<2	<2	0.7	1	<1	3	0.5	4.7	4.3	5.1	519	498	562	3.9	2.8	4.6	4.8	3.9	5.6	<0.1	<0.1	<0.1
Nov-10	7.5	4.7	9.4	810	743	869	7.0	6.8	7.1	<2	<2	<2	0.7	<1	<1	3	0.4	4.5	4.0	5.4	509	496	518	4.5	3.3	5.6	4.9	4.6	5.2	<0.1	<0.1	<0.1
Dec-10	7.9	6.0	10.1	758	683	795	6.9	6.7	7.1	<2	<2	3	0.8	<1	<1	2	0.4	4.6	4.3	5.1	506	468	522	4.9	4.0	6.0	6.4	6.1	6.6	<1.1	<0.1	3.9
Avg	**6.3**	**4.3**	**8.2**	**854**	**801**	**894**	**7.1**	**6.8**	**7.5**	**<2**	**<2**	**<2**	**0.7**	**<1**	**<1**	**4**	**0.5**	**4.4**	**4.0**	**5.4**	**514**	**501**	**529**	**4.3**	**3.3**	**5.8**	**5.0**	**4.7**	**5.4**	**<0.2**	**<0.1**	**<0.4**
Min	**2.0**	**1.3**	**4.4**	**758**	**683**	**795**	**6.9**	**6.5**	**7.1**	**<2**	**<2**	**<2**	**0.6**	**<1**	**<1**	**1**	**0.3**	**3.8**	**3.3**	**4.3**	**495**	**468**	**508**	**3.1**	**2.2**	**4.6**	**3.6**	**3.4**	**3.7**	**<0.1**	**<0.1**	**<0.1**
Max	**9.8**	**8.2**	**11.9**	**927**	**896**	**952**	**7.3**	**7.0**	**8.5**	**<2**	**<2**	**3**	**0.8**	**2**	**<1**	**22**	**0.8**	**4.8**	**4.4**	**6.6**	**533**	**526**	**562**	**5.6**	**4.3**	**7.1**	**6.5**	**6.3**	**6.7**	**<1.1**	**<0.1**	**3.9**

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
01/03/10	thru	01/09/10	100	1.0	^^^^^^^	80	100	1.3
01/17/10	thru	01/22/10	100	1.0	^^^^^^^	100	99	1.0
02/05/10	thru	02/12/10	100	1.0	^^^^^^^	100	100	1.0
03/07/10	thru	03/13/10	100	1.0	^^^^^^^	90	99	1.1
03/21/10	thru	03/27/10	100	1.0	^^^^^^^	90	100	1.1
04/04/10	thru	04/11/10	100	1.0	^^^^^^^	100	100	1.0
04/18/10	thru	04/23/10	100	1.0	^^^^^^^	100	100	1.0
05/02/10	thru	05/08/10	100	1.0	^^^^^^^	100	100	1.0
05/30/10	thru	06/04/10	100	1.0	^^^^^^^	100	100	1.0
07/04/10	thru	07/10/10	100	1.0	^^^^^^^	100	100	1.0
08/01/10	thru	08/06/10	100	1.0	^^^^^^^	100	100	1.0
09/05/10	thru	09/11/10	100	1.0	^^^^^^^	100	100	1.0
10/05/10	thru	10/11/10	100	1.0	^^^^^^^	100	100	1.0
11/28/10	thru	12/04/10	100	1.0	^^^^^^^	100	100	1.0
			DP 001 Offline in December 2010					

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
01/09/10	thru	01/15/10	100	1.0	^^^^^^^	100	100	1.0
02/14/10	thru	02/20/10	100	1.0	^^^^^^^	100	100	1.0
02/28/10	thru	03/05/10	100	1.0	^^^^^^^	100	100	1.0
04/11/10	thru	04/17/10	100	1.0	^^^^^^^	80	90	1.3
04/25/10	thru	05/02/10	100	1.0	^^^^^^^	70	77	1.4
05/09/10	thru	05/15/10	100	1.0	^^^^^^^	100	100	1.0
05/23/10	thru	05/29/10	100	1.0	^^^^^^^	100	100	1.0
06/06/10	thru	06/12/10	100	1.0	^^^^^^^	100	100	1.0
07/10/10	thru	07/16/10	100	1.0	^^^^^^^	100	100	1.0
08/15/10	thru	08/21/10	100	1.0	^^^^^^^	100	100	1.0
09/12/10	thru	09/17/10	100	1.0	^^^^^^^	100	100	1.0
11/28/10	thru	12/04/10	100	1.0	^^^^^^^	100	100	1.0
01/03/11	thru	01/07/11	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
12/27/09	thru	01/03/10	100	1.0	^^^^^^^	100	100	1.0
01/24/10	thru	01/31/10	100	1.0	^^^^^^^	100	100	1.0
02/21/10	thru	02/27/10	100	1.0	^^^^^^^	100	100	1.0
03/13/10	thru	03/19/10	100	1.0	^^^^^^^	100	100	1.0
04/25/10	thru	05/01/10	100	1.0	^^^^^^^	100	100	1.0
05/16/10	thru	05/22/10	100	1.0	^^^^^^^	100	100	1.0
06/13/10	thru	06/19/10	100	1.0	^^^^^^^	100	100	1.0
08/01/10	thru	08/07/10	100	1.0	^^^^^^^	100	100	1.0
10/17/10	thru	10/23/10	100	1.0	^^^^^^^	100	100	1.0
11/28/10	thru	12/04/10	100	1.0	^^^^^^^	100	100	1.0
01/03/11	thru	01/07/11	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
01/03/10	thru	01/08/10	100	1.0	^^^^^^^	100	100	1.0
02/05/10	thru	02/12/10	100	1.0	^^^^^^^	100	32	1.0
03/07/10	thru	03/12/10	100	1.0	^^^^^^^	80	74	1.3
03/21/10	thru	03/26/10	100	1.0	^^^^^^^	100	100	1.0
04/04/10	thru	04/11/10	100	1.0	^^^^^^^	100	100	1.0
04/18/10	thru	04/24/10	100	1.0	^^^^^^^	100	100	1.0
05/16/10	thru	05/22/10	100	1.0	^^^^^^^	100	100	1.0
05/30/10	thru	06/05/10	100	1.0	^^^^^^^	100	100	1.0
07/04/10	thru	07/10/10	100	1.0	^^^^^^^	100	100	1.0
08/08/10	thru	08/14/10	100	1.0	^^^^^^^	100	100	1.0
09/05/10	thru	09/11/10	100	1.0	^^^^^^^	100	100	1.0
10/10/10	thru	10/16/10	100	1.0	^^^^^^^	100	100	1.0
11/28/10	thru	12/04/10	100	1.0	^^^^^^^	100	100	1.0
01/03/11	thru	01/07/11	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-10	0.6	1.0	0.7	1.8	22.7	23.7	21.4	22.2	<2	2	<2	<2	<2	2	<2	<2	4	129	543	4	128	679
Feb-10	0.7	0.9	0.8	1.3	21.4	23.1	21.4	22.1	<2	4	<2	2	<2	4	<2	2	4	126	562	4	137	607
Mar-10	0.9	1.2	0.8	2.1	23.3	24.2	22.1	22.9	<2	2	<2	2	<2	2	<2	2	4	139	787	4	167	1091
Apr-10	0.8	1.4	0.7	1.6	24.5	25.3	23.4	24.3	<2	2	<2	<2	<2	2	<2	<2	4	142	602	4	166	581
May-10	0.7	1.0	0.6	1.0	26.1	26.7	25.1	25.8	<2	4	<2	<2	<2	4	<2	<2	4	138	590	4	166	567
Jun-10	0.6	0.9	0.5	1.6	27.6	28.2	26.7	27.3	<2	2	<2	<2	<2	2	<2	<2	4	129	558	4	155	579
Jul-10	0.6	0.8	0.5	3.7	29.0	29.7	28.4	29.8	<2	2	<2	<2	<2	2	<2	<2	4	108	562	4	90	**401****
Aug-10	0.5	0.7	0.4	1.2	29.1	29.8	30.0	30.9	<2	2	<2	<2	<2	2	<2	<2	4	133	518	4	164	571
Sep-10	0.7	1.2	0.5	1.1	28.5	29.3	29.8	30.4	<2	2	<2	<2	<2	2	<2	<2	4	138	525	4	146	511
Oct-10	0.7	0.9	0.6	1.5	28.1	29.1	27.9	30.0	<2	4	<2	2	<2	4	<2	2	3	153	540	3	151	571
Nov-10	0.6	0.9	0.6	2.5	25.9	27.4	26.0	27.8	<2	4	<2	2	<2	4	<2	2	4	138	623	4	126	586
Dec-10	0.7	1.0	0.6	1.2	23.5	24.4	23.8	24.7	<2	4	<2	2	<2	4	<2	2	4	125	634	4	128	587
Avg	**0.7**	**1.0**	**0.6**	**1.7**	**25.8**	**26.7**	**25.5**	**26.5**	**<2**	**3**	**<2**	**<2**	**<2**	**3**	**<2**	**<2**	**4**	**133**	**589**	**4**	**144**	**611**
Min	**0.5**	**0.7**	**0.4**	**1.0**	**21.4**	**23.1**	**21.4**	**22.1**	**<2**	**2**	**<2**	**<2**	**<2**	**2**	**<2**	**<2**	**3**	**108**	**518**	**3**	**90**	**401**
Max	**0.9**	**1.4**	**0.8**	**3.7**	**29.1**	**29.8**	**30.0**	**30.9**	**<2**	**4**	**<2**	**2**	**<2**	**4**	**<2**	**2**	**4**	**153**	**787**	**4**	**167**	**1,091**

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).

**002 effluent is discharge to Cucamonga Creek Flood Control Channel which does not require disinfected tertiary recycled water.

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-10	0.6	0.8	1.0	1.4	20.3	20.7	19.7	20.1	<2	2	<2	<2	<2	4	<2	<2	4	123	482	2	94	521
Feb-10	0.7	1.2	1.1	1.5	20.8	22.4	21.4	21.9	<2	2	<2	<2	<2	2	<2	<2	4	114	539	2	98	489
Mar-10	0.7	1.3	1.2	1.7	22.6	24.1	22.6	22.9	<2	2	<2	<2	<2	2	<2	<2	4	162	**398***	2	128	487
Apr-10	0.6	0.9	1.3	1.8	23.7	24.5	22.8	23.1	<2	4	<2	<2	<2	2	<2	<2	5	136	525	2	130	601
May-10	0.8	1.2	1.3	2.2	24.8	25.0	25.7	26.9	<2	2	<2	<2	<2	<2	<2	<2	4	140	487	2	153	600
Jun-10	0.7	1.0	1.0	1.6	26.4	27.4	25.1	27.8	<2	<2	<2	<2	<3	23	<2	<2	5	157	657	2	154	631
Jul-10	0.6	1.0	0.9	1.4	27.4	28.1	26.9	28.1	<2	2	<2	<2	<2	2	<2	<2	5	158	542	2	155	558
Aug-10	0.6	0.9	1.0	1.4	ND	ND	27.3	28.3	<2	<2	<2	<2	<2	2	<2	<2	4	187	490	2	165	607
Sep-10	0.7	1.8	0.8	1.1	ND	ND	25.2	26.3	<2	<2	<2	<2	<2	2	<2	<2	4	191	471	2	144	632
Oct-10	1.0	1.7	1.1	2.1	26.2	26.6	25.5	27.6	<2	2	<2	<2	<2	2	<2	<2	4	184	483	2	154	523
Nov-10	0.8	1.0	1.0	1.8	25.5	27.0	21.7	23.3	<2	<2	<2	<2	<2	2	<2	<2	4	163	519	2	153	**303****
Dec-10	0.8	1.8	1.0	1.7	22.9	23.0	19.1	20.6	<2	2	<2	<2	<2	2	<2	<2	5	95	500	3	125	499
Avg	**0.7**	**1.2**	**1.0**	**1.6**	**24.0**	**24.9**	**23.6**	**24.7**	**<2**	**2**	**<2**	**<2**	**<2**	**4**	**<2**	**<2**	**4**	**151**	**504**	**2**	**138**	**538**
Min	**0.6**	**0.8**	**0.8**	**1.1**	**20.3**	**20.7**	**19.1**	**20.1**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**	**4**	**95**	**398**	**2**	**94**	**303**
Max	**1.0**	**1.8**	**1.3**	**2.2**	**27.4**	**28.1**	**27.3**	**28.3**	**<2**	**4**	**<2**	**<2**	**<3**	**23**	**<2**	**<2**	**5**	**191**	**657**	**3**	**165**	**632**

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

ND: No Discharge

*On 3/31/10, RP-5 experienced an effluent gate closure, which resulted in artificially high flows being recorded and calculated into low CT readings immediately following the reopening of the gate. The actual minimum CT value for that day was 709 mg-min/L.

**On 11/3 & 11/6, the plant experienced shutdowns and no discharge occurred during that time. The final effluent gate was closed and reclaim valve to the reservoir was shut.

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-10	0.0	0.0	0.0	0.0	13.5	11.5	9.4	11.4	7.5	9.4	216	1.6	93	2	9.2	7.5	17.9	21.3	6.9	7.6	143	2
Feb-10	0.0	0.0	0.0	0.0	12.5	10.6	12.0	13.7	8.0	9.4	282	0.4	-	-	9.5	8.5	20.4	21.2	7.1	7.3	-	-
Mar-10	0.0	0.0	0.0	0.0	10.5	9.9	12.9	18.4	7.3	9.3	152	2.0	-	-	9.0	7.2	19.0	23.1	7.2	8.6	-	-
Apr-10	0.0	0.0	0.0	3.8 **	11.6	10.3	14.0	15.7	8.9	9.2	214	2.4	115	<2	9.1	8.5	21.1	23.0	7.4	8.1	149	<2
May-10	0.0	0.0	0.0	0.0	10.2	7.9	20.1	25.5	8.1	9.4	338	0.8	-	-	11.4	8.8	19.9	25.7	7.5	8.9	-	-
Jun-10	0.0	0.0	0.0	0.0	10.8	8.5	18.3	22.4	8.5	9.8	293	0.5	-	-	8.7	6.6	20.1	22.5	8.1	8.8	-	-
Jul-10	0.0	0.0	0.0	0.0	10.0	8.9	20.9	26.4	8.6	9.5	376	1.3	178	12	10.5	6.4	21.9	25.8	8.3	9.6	177	10
Aug-10	0.0	0.0	0.0	0.0	9.5	9.0	21.2	23.3	8.9	9.8	420	2.8	-	-	9.2	7.1	23.8	26.8	7.8	9.4	-	-
Sep-10	0.0	0.0	0.0	0.0	10.2	9.1	23.0	27.5	7.4	8.6	-	-	-	-	8.6	7.0	26.6	28.5	9.0	11.3	-	-
Oct-10	0.0	0.0	0.0	0.0	12.1	10.8	19.2	24.0	9.5	10.6	352	1.0	139	8	11.1	9.9	24.9	27.0	8.6	9.0	131	4
Nov-10	0.0	0.0	0.0	0.0	11.5	10.5	25.8	26.9	9.8	11.7	258	0.1	-	-	11.6	10.0	24.5	25.8	7.7	9.1	-	-
Dec-10	0.0	0.0	0.0	0.0	11.4	10.8	16.1	23.9	8.6	11.9	282	1.2	-	-	10.2	8.7	22.7	24.1	7.6	8.2	-	-
Avg	**0.0**	**0.0**	**0.0**	**0.3**	**11.2**	**9.8**	**17.7**	**21.6**	**8.4**	**9.9**	**289**	**1.3**	**131**	**6**	**9.8**	**8.0**	**21.9**	**24.6**	**7.8**	**8.8**	**150**	**5**
Min	**0.0**	**0.0**	**0.0**	**0.0**	**9.5**	**7.9**	**9.4**	**11.4**	**7.3**	**8.6**	**152**	**0.1**	**93**	**<2**	**8.6**	**6.4**	**17.9**	**21.2**	**6.9**	**7.3**	**131**	**<2**
Max	**0.0**	**0.0**	**0.0**	**3.8**	**13.5**	**11.5**	**25.8**	**27.5**	**9.8**	**11.9**	**420**	**2.8**	**178**	**12**	**11.6**	**10.0**	**26.6**	**28.5**	**9.0**	**11.3**	**177**	**10**

* A chlorine residual of 0.0 mg/L signifies a positive sodium bisulfite residual and a negative chlorine residual.
** On April 4, 2010, a false positive chlorine reading was recorded due to residual bleach left over from a cleaning cycle following a sample pump failure.

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-10	0.0	0.0	0.0	0.0	8.3	7.5	16.2	16.7	7.7	8.1	584	6.3	366	56	10.5	9.7	17.5	18.7	7.7	8.1	183	6	10.8	10.6	12.8	18.1	6.8	7.0	836	3.4	163	15
Feb-10	0.0	0.0	0.0	0.0	9.3	6.8	18.1	20.0	7.6	8.0	734	7.5	-	-	8.9	7.1	20.2	21.0	7.6	8.0	-	-	11.2	8.1	19.5	21.9	7.1	8.1	1050	4.7	-	-
Mar-10	0.0	0.0	0.0	0.0	7.5	5.7	17.3	18.4	7.7	8.0	678	6.1	-	-	7.6	6.1	20.4	23.7	7.7	8.0	-	-	10.5	6.4	22.2	24.3	7.6	8.8	744	0.4	-	-
Apr-10	0.0	0.0	0.0	0.0	7.5	5.7	19.7	24.3	7.8	8.1	630	5.0	284	18	7.4	6.0	22.2	23.8	7.8	8.1	199	8	5.3	3.4	19.7	28.7	7.1	7.7	932	2.3	534	8
May-10	0.0	0.0	0.0	0.0	6.5	5.1	21.2	24.0	7.6	8.3	330	3.9	-	-	7.5	5.0	23.6	24.0	7.6	8.3	-	-	6.6	6.2	28.9	31.7	7.3	9.0	702	0.6	-	-
Jun-10	0.0	0.0	0.0	0.0	5.2	3.5	23.1	26.4	7.0	7.9	664	5.5	-	-	5.9	5.1	25.4	26.4	7.0	7.9	-	-	7.9	6.5	22.7	30.0	6.2	10.0	686	1.5	-	-
Jul-10	0.0	0.0	0.0	0.0	4.9	3.9	22.3	23.7	6.9	11.8	528	4.0	242	18	8.0	7.8	26.1	26.9	5.7	7.8	180	8	8.9	8.1	22.8	30.5	7.0	8.1	716	2.3	527	190
Aug-10	0.0	0.0	0.0	0.0	4.7	4.0	24.4	27.6	5.9	7.8	738	4.8	-	-	6.5	5.5	23.5	24.7	5.9	7.8	-	-	9.9	7.9	23.0	31.0	7.2	9.1	734	2.9	-	-
Sep-10	0.0	0.0	0.0	0.0	4.9	4.5	22.7	23.0	6.8	8.1	622	4.0	-	-	5.9	5.6	22.2	23.0	6.7	8.3	-	-	6.6	5.9	23.5	25.3	8.4	9.2	688	2.4	-	-
Oct-10	0.0	0.0	0.0	0.0	4.1	3.6	20.8	22.1	6.2	7.0	590	4.2	249	70	6.4	6.0	23.5	24.5	6.2	7.0	206	6	6.5	5.7	23.5	25.4	8.9	10.0	526	6.0	236	-
Nov-10	0.0	0.3 **	0.0	0.0	5.8	4.8	18.4	22.0	7.0	7.4	-	-	-	-	6.9	6.5	23.6	24.0	7.0	7.2	-	-	5.8	5.5	19.2	20.7	8.5	8.8	814	3.3	-	49
Dec-10	0.0	0.0	0.0	0.0	6.8	6.6	17.4	18.8	7.0	7.0	575	5.2	-	-	7.4	7.2	20.1	21.5	7.0	7.0	-	-	7.3	6.2	11.6	16.4	8.5	8.6	826	3.0	-	-
Avg	**0.0**	**0.0**	**0.0**	**0.0**	**6.3**	**5.1**	**20.1**	**22.3**	**7.1**	**8.1**	**607**	**5.1**	**285**	40	**7.4**	**6.5**	**22.4**	**23.5**	**7.0**	**7.8**	**192**	**7**	**8.1**	**6.7**	**20.8**	**25.3**	**7.5**	**8.7**	**771**	**2.7**	**365**	**66**
Min	**0.0**	**0.0**	**0.0**	**0.0**	**4.1**	**3.5**	**16.2**	**16.7**	**5.9**	**7.0**	**330**	**3.9**	**242**	18	**5.9**	**5.0**	**17.5**	**18.7**	**5.7**	**7.0**	**180**	**6**	**5.3**	**3.4**	**11.6**	**16.4**	**6.2**	**7.0**	**526**	**0.4**	**163**	**8**
Max	**0.0**	**0.3**	**0.0**	**0.0**	**9.3**	**7.5**	**24.4**	**27.6**	**7.8**	**11.8**	**738**	**7.5**	**366**	70	**10.5**	**9.7**	**26.1**	**26.9**	**7.8**	**8.3**	**206**	**8**	**11.2**	**10.6**	**28.9**	**31.7**	**8.9**	**10.0**	**1,050**	**6.0**	**534**	**190**

* A chlorine residual of 0.0 mg/L signifies a positive sodium bisulfite residual and a negative chlorine residual.
** During this time effluent gate was closed. The positive chlorine residual readings were attibuted to sodium bisulfite crystallization.

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-10	6.8	7.2	0.6	543	<2	2	<2	<2	<2	<1	484	5.9	7.0	0.5	532	<2	<2	<2	<2	<2	<1	434
Feb-10	3.4	7.4	0.7	562	<2	4	<2	2	<2	<1	466	4.6	7.1	0.6	579	<2	<2	<2	<2	<2	<1	407
Mar-10	9.9	7.4	0.9	787	<2	2	<2	2	<2	<1	462	6.9	7.2	0.5	518	<2	2	<2	<2	<2	<1	412
Apr-10	13.7	7.4	0.8	602	<2	2	<2	<2	<2	<1	454	6.8	7.3	0.6	600	<2	2	<2	<2	<2	<1	408
May-10	15.5	7.5	0.7	590	<2	4	<2	<2	<2	<1	458	10.5	7.4	0.5	299	<2	2	<2	<2	<2	<1	413
Jun-10	18.0	7.4	0.6	558	<2	2	<2	<2	<2	<1	465	10.9	7.6	0.9	460	<2	<2	<2	<2	<2	<1	426
Jul-10	20.4	7.2	0.6	562	<2	2	<2	<2	<2	<1	464	9.9	7.7	0.6	616	<2	<2	<2	<2	<2	<1	436
Aug-10	18.1	7.3	0.5	518	<2	2	<2	<2	<2	<1	470	9.9	7.8	0.5	478	<2	<2	<2	<2	<2	<1	428
Sep-10	15.1	7.4	0.7	525	<2	2	<2	<2	<2	<1	-	10.5	7.2	0.5	478	<2	<2	<2	<2	<2	<1	423
Oct-10	11.1	7.4	0.7	540	<2	4	<2	2	<2	<1	451	7.4	7.1	0.5	461	<2	2	<2	<2	<2	<1	429
Nov-10	10.7	7.2	0.6	623	<2	4	<2	2	<2	<1	471	8.3	7.3	0.6	540	<2	<2	<2	<2	<2	<1	426
Dec-10	3.1	7.0	0.7	634	<2	4	<2	2	<2	<1	443	6.4	7.0	0.4	543	<2	2	<2	<2	<2	<1	418
Avg	**12.1**	**7.3**	**0.7**	**593**	**<2**	**3**	**<2**	**<2**	**<2**	**<1**	**462**	**8.2**	**7.3**	**0.6**	**511**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**421**
Min	**3.1**	**7.0**	**0.5**	**518**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**443**	**4.6**	**7.0**	**0.4**	**299**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**407**
Max	**20.4**	**7.5**	**0.9**	**787**	**<2**	**4**	**<2**	**2**	**<2**	**<1**	**484**	**10.9**	**7.8**	**0.9**	**616**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**436**

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-10	0.0	7.4	0.6	482	<2	2	<2	<2	<2	<1	-	0.0	6.9	1.0	521	<2	4	<2	<2	<2	<1	-
Feb-10	0.0	7.6	0.7	539	<2	2	<2	<2	<2	<1	-	0.0	7.0	1.1	489	<2	2	<2	<2	<2	<1	-
Mar-10	0.0	7.7	0.7	398	<2	2	<2	<2	<2	<1	-	0.0	7.0	1.2	487	<2	2	<2	<2	<2	<1	-
Apr-10	0.0	7.9	0.6	525	<2	4	<2	<2	<2	<1	517	0.1	7.1	1.3	601	<2	2	<2	<2	<2	<1	486
May-10	0.0	7.5	0.8	487	<2	2	<2	<2	<2	<1	520	2.5	7.1	1.3	600	<2	<2	<2	<2	<2	<1	486
Jun-10	0.0	7.2	0.7	657	<2	<2	<2	<2	<2	<1	533	4.2	7.1	1.0	631	<3	23	<2	<2	<2	1	501
Jul-10	0.8	7.2	0.6	542	<2	2	<2	<2	<2	<1	520	4.5	7.3	0.9	558	<2	2	<2	<2	<2	<1	503
Aug-10	7.9	7.2	0.6	490	<2	<2	<2	<2	<2	1	514	2.7	7.1	1.0	607	<2	2	<2	<2	<2	<1	494
Sep-10	8.4	7.2	0.7	657	<2	<2	<2	<2	<2	<1	511	4.2	7.1	1.0	631	<2	2	<2	<2	<2	2	483
Oct-10	1.8	7.3	1.0	483	<2	2	<2	<2	<2	<1	496	0.5	7.1	1.1	523	<2	2	<2	<2	<2	1	489
Nov-10	0.0	7.3	0.8	519	<2	<2	<2	<2	<2	<1	501	0.7	7.3	1.0	303	<2	2	<2	<2	<2	<1	485
Dec-10	0.0	7.0	0.8	500	<2	2	<2	<2	<2	<1	-	0.9	7.2	1.0	499	<2	2	<2	<2	<2	<1	484
Avg	**1.6**	**7.4**	**0.7**	**511**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**514**	**1.7**	**7.1**	**1.1**	**529**	**<2**	**4**	**<2**	**<2**	**<2**	**<1**	**490**
Min	**0.0**	**7.0**	**0.6**	**398**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**496**	**0.0**	**6.9**	**0.9**	**303**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**483**
Max	**8.4**	**7.9**	**1.0**	**657**	**<2**	**4**	**<2**	**<2**	**<2**	**1**	**533**	**4.5**	**7.3**	**1.3**	**631**	**<3**	**23**	**<2**	**<2**	**<2**	**2**	**503**

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-10	139	149	0.2	41	0	116	<0.1	9	96	48	<0.25	1.3	3	<0.5	<0.05	<2	<0.25	27	<2	13	<2
Feb-10	151	151	0.2	46	0	108	0.2	9	97	43	<0.25	1.3	4	<0.5	<0.05	<2	<0.25	34	<2		3
Mar-10	147	142	0.4	44	0	102	0.2	9	94	42	<0.25	0.6	4	<0.5	<0.05	<2	<0.25	31	<2		<2
Apr-10	147	151	0.2	45	0	91	0.2	8	93	39	<0.25	1.2	2	<0.5	<0.05	<2	<0.25	26	<2	13	<2
May-10	150	163	0.2	46	0	97	0.2	8	91	39	<0.25	0.6	3	<0.5	<0.05	<2	<0.25	30	<2		<2
Jun-10	145	161	0.2	45	0	101	0.2	8	93	42	<0.25	0.8	3	<0.5	<0.05	<2	<0.25	31	<2		2
Jul-10	146	153	0.3	42	0	110	0.2	10	102	45	<0.25	1.2	3	<0.5	<0.05	<2	<0.25	30	<2	21	3
Aug-10	137	145	0.2	40	0	108	0.2	9	95	45	<0.25	0.8	3	<0.5	<0.05	<2	<0.25	28	<2		<2
Sep-10	146	160	0.3	42	0	109	0.2	10	104	56	<0.25	0.7	2	<0.5	<0.05	<2	<0.25	21	<2		<2
Oct-10	141	141	0.2	40	0	109	0.2	10	97	40	<0.25	0.9	2	<0.5	<0.05	<2	<0.25	27	<2	30	<2
Nov-10	144	148	0.2	41	0	113	0.2	10	98	41	<0.25	0.7	3	<0.5	<0.05	<2	<0.25	32	<2		<2
Dec-10	132	123	0.2	38	0	103	0.2	9	89	39	<0.25	0.8	4	<0.5	<0.05	<2	<0.25	29	<2		<2
Avg	**144**	**149**	**0.2**	**43**	**0**	**106**	**0.2**	**9**	**96**	**43**	**<0.25**	**0.9**	**3**	**<0.5**	**<0.05**	**<2**	**<0.25**	**29**	**<2**	**19**	**<2**
Min	**132**	**123**	**0.2**	**38**	**0**	**91**	**0.2**	**8**	**89**	**39**	**<0.25**	**0.6**	**2**	**<0.5**	**<0.05**	**<2**	**<0.25**	**21**	**<2**	**13**	**<2**
Max	**151**	**163**	**0.4**	**46**	**0**	**116**	**0.2**	**10**	**104**	**56**	**<0.25**	**1.3**	**4**	**<0.5**	**<0.05**	**<2**	**<0.25**	**34**	**<2**	**30**	**3**

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-10	139	144	0.2	41	0	113	0.1	9	103	62	<0.25	1.3	3	<0.5	<0.05	<2	<0.25	27	<2	13	3
Feb-10	158	143	0.2	47	0	109	0.1	10	101	57	<0.25	1.2	4	<0.5	<0.05	<2	<0.25	34	<2		4
Mar-10	144	132	0.4	43	0	105	0.4	9	99	58	<0.25	0.6	4	<0.5	<0.05	<2	<0.25	33	<2		<2
Apr-10	147	137	0.2	45	0	95	0.2	8	101	62	<0.25	1.0	3	<0.5	<0.05	<2	<0.25	27	<2	13	<2
May-10	149	145	0.2	46	0	99	0.2	8	103	70	<0.25	0.6	3	<0.5	<0.05	<2	<0.25	30	<2		<2
Jun-10	143	137	0.2	44	0	102	0.2	8	110	68	<0.25	0.8	3	<0.5	<0.05	<2	<0.25	31	<2		3
Jul-10	144	133	0.3	43	0	111	0.2	9	117	88	<0.25	1.3	4	<0.5	<0.05	<2	<0.25	30	<2	15	2
Aug-10	137	125	0.2	40	0	109	0.2	9	110	84	<0.25	0.8	3	<0.5	<0.05	<2	<0.25	26	<2		<2
Sep-10	148	140	0.3	41	0	110	0.2	11	107	66	<0.25	0.8	2	<0.5	<0.05	<2	<0.25	20	<2		<2
Oct-10	141	135	0.2	40	0	109	0.2	10	102	55	<0.25	1.0	2	<0.5	<0.05	<2	<0.25	28	<2	22	<2
Nov-10	144	139	0.2	41	0	115	0.2	10	103	63	<0.25	0.7	3	<0.5	<0.05	<2	<0.25	32	<2		<2
Dec-10	129	116	0.2	37	0	103	0.2	9	92	56	<0.25	0.9	4	<0.5	<0.05	<2	<0.25	31	<2		<2
Avg	**144**	**135**	**0.2**	**42**	**0**	**107**	**0.2**	**9**	**104**	**66**	**<0.25**	**0.9**	**3**	**<0.5**	**<0.05**	**<2**	**<0.25**	**29**	**<2**	**16**	**<2**
Min	**129**	**116**	**0.2**	**37**	**0**	**95**	**0.1**	**8**	**92**	**55**	**<0.25**	**0.6**	**2**	**<0.5**	**<0.05**	**<2**	**<0.25**	**20**	**<2**	**13**	**<2**
Max	**158**	**145**	**0.4**	**47**	**0**	**115**	**0.4**	**11**	**117**	**88**	**<0.25**	**1.3**	**4**	**<0.5**	**<0.05**	**<2**	**<0.25**	**34**	**<2**	**22**	**4**

*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**

Date	Al µg/L	Sb µg/L	As µg/L	Ba µg/L	Co µg/L	Ni, TR µg/L
Jan-10	25	<1	<2	12	<1	3
Feb-10	<25	<1	<2	9	<1	3
Mar-10	<25	<1	<2	12	<1	3
Apr-10	25	<1	<2	12	<1	2
May-10	30	<1	<2	11	<1	2
Jun-10	32	<1	<2	15	<1	2
Jul-10	25	<1	<2	10	<1	3
Aug-10	31	<1	<2	11	<1	2
Sep-10	<25	<1	<2	8	<1	2
Oct-10	40	<1	<2	13	<1	2
Nov-10	28	<1	<2	8	<1	2
Dec-10	33	<1	<2	9	<1	2
Avg	**29**	**<1**	**<2**	**11**	**<1**	**2**
Min	**<25**	**<1**	**<2**	**8**	**<1**	**2**
Max	**40**	**<1**	**<2**	**15**	**<1**	**3**

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

Date	Al µg/L	Sb µg/L	As µg/L	Ba µg/L	Co µg/L	Ni, TR µg/L
Jan-10	26	<1	<2	12	<1	3
Feb-10	25	<1	<2	9	<1	3
Mar-10	<25	<1	<2	11	<1	3
Apr-10	<25	<1	<2	13	<1	2
May-10	29	<1	<2	11	<1	2
Jun-10	31	<1	<2	15	<1	2
Jul-10	<25	<1	<2	10	<1	3
Aug-10	29	<1	<2	11	<1	2
Sep-10	<25	<1	<2	8	<1	2
Oct-10	42	<1	<2	13	<1	2
Nov-10	30	<1	<2	8	<1	2
Dec-10	37	<1	<2	9	<1	3
Avg	**29**	**<1**	**<2**	**11**	**<1**	**2**
Min	**<25**	**<1**	**<2**	**8**	**<1**	**2**
Max	**42**	**<1**	**<2**	**15**	**<1**	**3**

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

Date	Al µg/L	Sb µg/L	As µg/L	Ba µg/L	Co µg/L	Ni, TR µg/L
Jan-10	<25	<1	<2	14	<1	3
Feb-10	<25	<1	<2	14	<1	3
Mar-10	<25	<1	<2	12	<1	3
Apr-10	<25	<1	<2	12	<1	3
May-10	<25	<1	<2	13	<1	3
Jun-10	<25	<1	<2	13	<1	2
Jul-10	<25	<1	<2	21	<1	2
Aug-10	<25	<1	<2	12	<1	2
Sep-10	ND	ND	ND	ND	ND	ND
Oct-10	<25	<1	<2	16	<1	3
Nov-10	<25	<1	<2	16	<1	2
Dec-10	<25	<1	<2	13	<1	3
Avg	**<25**	**<1**	**<2**	**14**	**<1**	**3**
Min	**<25**	**<1**	**<2**	**12**	**<1**	**2**
Max	**<25**	**<1**	**<2**	**21**	**<1**	**3**

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

Date	Al µg/L	Sb µg/L	As µg/L	Ba µg/L	Co µg/L	Ni, TR µg/L
Jan-10	<25	<1	<2	13	<1	3
Feb-10	54	<1	<2	12	<1	3
Mar-10	49	<1	<2	13	<1	4
Apr-10	81	<1	<2	12	<1	3
May-10	34	<1	<2	10	<1	12
Jun-10	70	<1	<2	11	<1	3
Jul-10	40	<1	<2	15	<1	2
Aug-10	49	<1	<2	13	<1	3
Sep-10	63	<1	<2	13	<1	5
Oct-10	58	<1	<2	11	<1	2
Nov-10	45	<1	<2	11	<1	2
Dec-10	48	<1	<2	11	<1	2
Avg	**51**	**<1**	**<2**	**12**	**<1**	**4**
Min	**<25**	**<1**	**<2**	**10**	**<1**	**2**
Max	**81**	**<1**	**<2**	**15**	**<1**	**12**

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-10	177	142	0.3	52	0	146	0.1	12	97	53	<0.25	1.6	5	2.1	<0.05	<2	<0.25	20	<2	17	3
Feb-10	205	152	0.3	60	0	144	0.1	13	102	61	<0.25	1.1	5	<0.5	<0.05	<2	<0.25	19	<2	19	4
Mar-10	138	134	0.3	42	0	135	<0.1	8	90	57	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	25	<2	18	<2
Apr-10	186	139	0.3	55	0	123	0.8	12	99	48	<0.25	1.2	5	<0.5	<0.05	<2	<0.25	31	<2	19	3
May-10	180	155	0.3	54	0	127	<0.1	11	99	53	<0.25	0.6	4	<0.5	<0.05	<2	<0.25	25	<2	18	<2
Jun-10	184	156	0.3	54	0	130	0.2	12	99	54	<0.25	0.7	5	<0.5	<0.05	<2	<0.25	31	<2	20	2
Jul-10	179	143	0.3	52	0	136	0.1	12	104	54	<0.25	1.2	4	<0.5	<0.05	<2	<0.25	29	<2	22	2
Aug-10	182	147	0.3	53	0	138	0.2	12	108	56	<0.25	0.9	5	<0.5	<0.05	<2	<0.25	27	<2	23	<2
Sep-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct-10	182	139	0.3	52	0	137	0.1	12	100	48	0.31	0.7	5	<0.5	<0.05	<2	<0.25	28	<2	27	<2
Nov-10	182	136	0.3	52	0	146	0.1	12	99	50	<0.25	0.6	6	<0.5	<0.05	<2	<0.25	27	<2	27	<2
Dec-10	182	129	0.2	52	0	142	0.2	12	101	61	0.80	1.1	8	<0.5	<0.05	<2	<0.25	28	<2	20	<2
Avg	**180**	**143**	**0.3**	**52**	**0**	**137**	**0.2**	**12**	**100**	**54**	**<0.31**	**0.9**	**5**	**<0.6**	**<0.05**	**<2**	**<0.25**	**26**	**<2**	**21**	**<2**
Min	**138**	**129**	**0.2**	**42**	**0**	**123**	**0.1**	**8**	**90**	**48**	**<0.25**	**<0.5**	**4**	**<0.5**	**<0.05**	**<2**	**<0.25**	**19**	**<2**	**17**	**<2**
Max	**205**	**156**	**0.3**	**60**	**0**	**146**	**0.8**	**13**	**108**	**61**	**0.80**	**1.6**	**8**	**2.1**	**<0.05**	**<2**	**<0.25**	**31**	**<2**	**27**	**4**

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-10	163	114	0.3	46	0	156	0.1	11	106	59	<0.25	1.2	6	<0.5	<0.05	<2	<0.25	28	<2	21	3
Feb-10	192	134	0.3	56	0	149	0.2	13	105	62	<0.25	1.3	7	<0.5	<0.05	<2	<0.25	28	<2		3
Mar-10	184	140	0.3	54	0	133	0.1	12	99	58	<0.25	0.7	6	<0.5	<0.05	<2	<0.25	37	<2		<2
Apr-10	180	138	0.3	54	0	123	0.6	11	101	56	<0.25	1.3	5	<0.5	<0.05	<2	<0.25	28	<2	19	<2
May-10	173	154	0.3	51	0	124	0.2	11	102	63	<0.25	0.7	7	<0.5	<0.05	<2	<0.25	37	<2		<2
Jun-10	172	148	0.3	49	0	125	0.2	12	103	68	<0.25	1.0	6	<0.5	<0.05	<2	<0.25	41	<2		4
Jul-10	176	138	0.3	49	0	134	0.1	13	111	68	<0.25	1.3	6	<0.5	<0.05	<2	<0.25	43	<2	24	2
Aug-10	167	141	0.3	47	0	129	0.1	12	107	50	<0.25	1.1	6	<0.5	<0.05	<2	<0.25	50	<2		<2
Sep-10	154	128	0.3	42	0	127	<0.1	12	104	60	<0.25	1.0	6	<0.5	<0.05	<2	<0.25	46	<2		2
Oct-10	162	144	0.3	45	0	131	0.1	12	108	55	<0.25	1.0	5	<0.5	<0.05	<2	<0.25	46	<2	26	<2
Nov-10	158	142	0.3	42	0	136	0.1	13	104	60	<0.25	0.7	5	<0.5	<0.05	<2	<0.25	36	<2		<2
Dec-10	158	131	0.3	45	0	117	0.1	11	97	58	<0.25	0.9	6	<0.5	<0.05	<2	<0.25	101	<2		<2
Avg	**170**	**138**	**0.3**	**48**	**0**	**132**	**0.2**	**12**	**104**	**60**	**<0.25**	**1.0**	**6**	**<0.5**	**<0.05**	**<2**	**<0.25**	**43**	**<2**	**22**	**<2**
Min	**154**	**114**	**0.3**	**42**	**0**	**117**	**0.1**	**11**	**97**	**50**	**<0.25**	**0.7**	**5**	**<0.5**	**<0.05**	**<2**	**<0.25**	**28**	**<2**	**19**	**<2**
Max	**192**	**154**	**0.3**	**56**	**0**	**156**	**0.6**	**13**	**111**	**68**	**<0.25**	**1.3**	**7**	**<0.5**	**<0.05**	**<2**	**<0.25**	**101**	**<2**	**26**	**4**

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

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-10	33.2	9.2	9.6	5.7	1,580	6.0	460	5.6	440	5.7	2,480	8	5,338	5.6
Feb-10	38.2	8.8	9.8	6.4	2,040	6.7	490	5.1	420	6.2	2,950	8	5,338	5.4
Mar-10	30.6	8.2	7.7	6.2	1,590	8.6	590	4.7	300	6.4	2,480	8	5,338	5.4
Apr-10	18.4	8.4	7.9	5.6	860	6.9	490	4.4	290	5.7	1,640	8	5,338	5.3
May-10	13.7	8.9	4.5	5.3	610	5.5	410	4.0	150	5.2	1,170	8	5,338	5.3
Jun-10	8.3	8.9	2.6	4.8	330	5.4	400	3.9	90	5.0	820	8	5,338	5.2
Jul-10	5.0	8.4	2.0	5.5	230	5.3	370	3.3	60	5.1	660	8	5,338	5.2
Aug-10	8.5	0.7	3.9	5.3	370	5.8	30	3.1	100	4.6	500	8	5,338	5.2
Sep-10	10.3	0.0	5.3	3.6	310	6.1	0	3.7	160	3.7	470	8	5,338	5.2
Oct-10	16.1	6.7	7.2	5.9	790	6.1	340	3.9	240	5.5	1,370	8	5,338	5.3
Nov-10	17.6	8.4	7.5	6.2	900	5.7	400	4.5	280	5.7	1,580	8	5,338	5.3
Dec-10	30.3	9.6	7.9	5.1	1,280	5.0	400	4.9	330	5.0	2,010	8	5,338	5.3
Avg	19.2	7.2	6.3	5.5	910	6.1	370	4.3	240	5.3	1,510	8	5,338	5.3
Min	5.0	0.0	2.0	3.6	230	5.0	0	3.1	60	3.7	470	8	5,338	5.2
Max	38.2	9.6	9.8	6.4	2,040	8.6	590	5.6	440	6.4	2,950	8	5,338	5.6

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

	Flows								Total Dissolved Solids (TDS)								Agency-wide TDS				
	001 [1]	RP-1 RW	002	RP-4 RW	RP-5	RP-5 RW	CC	CC RW	001	RP-1 RW [2]	002	RP-4 RW	RP-5	RP-5 RW [2]	CC	CC RW [2]	Discharge		Limit		12-MRA
Mo-Yr	MGD								mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	flow wt. mg/L	total lbs/day	flow wt. mg/L	total lbs/day	flow wt. mg/L
Jan-10	9.9		30.2	5.9	9.2		9.6		489		490	434	514		520		493	265,570	550	366,960	496
Feb-10	7.4		34.1	4.6	8.8		8.9		476		477	407	550		533		489	260,380	550	366,960	498
Mar-10	13.7		26.8	6.9	8.2		7.7		466		477	412	548		520		482	254,310	550	366,960	497
Apr-10	4.1	13.7	14.3	6.8	8.4	0.0	7.9	0.1	460	454	480	408	518	517	512	486	473	250,010	550	366,960	494
May-10	4.0	15.5	9.7	10.5	8.9	0.0	4.5	2.5	471	458	490	413	517	520	514	486	471	226,350	550	366,960	492
Jun-10	4.0	18.0	4.3	10.9	8.9	0.0	2.6	4.2	468	465	516	426	530	533	523	501	478	204,130	550	366,960	490
Jul-10	3.2	20.4	1.8	9.9	8.4	0.8	2.0	4.5	484	464	525	436	516	520	523	503	477	192,840	550	366,960	487
Aug-10	3.5	18.1	5.0	9.9	0.7	7.9	3.9	2.7	518	470	484	428	528	514	495	494	477	210,450	550	366,960	485
Sep-10	3.6	15.1	6.7	10.5	0.0	8.4	5.3	1.5	513	470	489	423	NA	511	499	483	476	217,710	550	366,960	483
Oct-10	4.0	11.1	12.1	7.4	6.7	1.8	7.2	0.5	480	451	490	429	509	496	519	489	478	230,030	550	366,960	482
Nov-10	3.1	10.7	14.5	8.3	8.4	0.0	7.5	0.7	477	471	476	426	515	501	509	485	478	239,640	550	366,960	481
Dec-10	2.1	3.1	28.2	6.4	9.6	0.0	7.9	0.9	494	443	458	418	522	NA	506	484	471	257,530	550	366,960	479
12-Mo Avg	5.2	14.0	15.6	8.2	7.2	2.1	6.3	2.0	483	461	488	421	524	514	514	490	479	234,080	550	366,960	489
Min	2.1	3.1	1.8	4.6	0.0	0.0	2.0	0.1	460	443	458	407	509	496	495	483	471	192,840	550	366,960	479
Max	13.7	20.4	34.1	10.9	9.6	8.4	9.6	4.5	518	471	525	436	550	533	533	503	493	265,570	550	366,960	498

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

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

NA: Not Analyzed, due to no discharge

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 18a

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
1,1,2,2-Tetrachloroethane	<0.5			<0.5			<0.5			<0.5			<0.5
1,1,2-Trichloroethane	<1			<1			<1			<1			<1
1,1-Dichloroethane	<0.5			<0.5			<0.5			<0.5			<0.5
1,1-Dichloroethene	<1			<1			<1			<1			<1
1,2-Dichlorobenzene	<1			<1			<1			<1			<1
1,2-Dichloroethane	<1			<1			<1			<1			<1
1,2-Dichloropropane	<0.5			<0.5			<0.5			<0.5			<0.5
1,3-Dichlorobenzene	<1			<1			<1			<1			<1
1,4-Dichlorobenzene	<1			<1			<1			<1			<1
2-Chloroethyl vinyl ether	<1			<1			<1			<1			<1
Benzene	<1			<1			<1			<1			<1
Bromodichloromethane	13			13			21			30			30
Bromoform	<1			<1			<1			<1			<1
Bromomethane	<1			<1			<1			<1			<1
Carbon tetrachloride	<1			<1			<1			<1			<1
Chlorobenzene	<1			<1			<1			<1			<1
Chloroethane	<1			<1			<1			<1			<1
Chloroform	55			45			100			102			102
Chloromethane	<1			<1			<1			<1			<1
cis-1,3-Dichloropropene	<1			<1			<1			<1			<1
Dibromochloromethane	<1			2			3			6			6
Ethylbenzene	<1			<1			<1			<1			<1
Methylene chloride	<1			<1			<1			<1			<1
Tetrachloroethene	<1			<1			<1			<1			<1
Toluene	<1			<1			<1			<1			<1
trans-1,2-Dichloroethene	<0.5			<0.5			<0.5			<0.5			<0.5
trans-1,3-Dichloropropene	<1			<1			<1			<1			<1
Trichloroethene	<1			<1			<1			<1			<1
Trichlorofluoromethane	<2			<2			<2			<2			<2
Vinyl chloride	<1			<1			<1			<1			<1
Acrolein							<2						<2
Acrylonitrile							<2						<2

Table 18b

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

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene	<1	<1	<1	<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

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 18c

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
4,4-DDE							<0.006						<0.006
4,4-DDT							<0.008						<0.008
Aldrin							<0.004						<0.004
Alpha-BHC							<0.008						<0.008
Beta-BHC							<0.005						<0.005
Delta-BHC							<0.007						<0.007
Dieldrin							<0.006						<0.006
Endosulfan I							<0.01						<0.01
Endosulfan II							<0.007						<0.007
Endosulfan Sulfate							<0.009						<0.009
Endrin							<0.009						<0.009
Endrin aldehyde							<0.006						<0.006
Gamma-BHC							<0.01						<0.01
Heptachlor							<0.006						<0.006
Heptachlor epoxide							<0.007						<0.007
Chlordane							<0.1						<0.1
PCB-1016							<0.5						<0.5
PCB-1221							<0.5						<0.5
PCB-1232							<0.5						<0.5
PCB-1242							<0.5						<0.5
PCB-1248							<0.5						<0.5
PCB-1254							<0.5						<0.5
PCB-1260							<0.5						<0.5
Toxaphene							<0.5						<0.5
RP-1 (M-001B) Effluent Semiannual Dioxins & Furans, pg/L (reported values based on detection limit)													
2,3,7,8-TetraCDD							<1.07						<1.07
1,2,3,7,8-PentaCDD							<0.747						<0.747
1,2,3,4,7,8-HexaCDD							<0.363						<0.363
1,2,3,6,7,8-HexaCDD							<0.554						<0.554
1,2,3,7,8,9-HexaCDD							<0.430						<0.430
1,2,3,4,6,7,8-HeptaCDD							<0.549						<0.549
OctaCDD							<0.626						<0.626
2,3,7,8-TetraCDF							<1.15						<1.15
1,2,3,7,8-PentaCDF							<0.668						<0.668
2,3,4,7,8-PentaCDF							<0.662						<0.662
1,2,3,4,7,8-HexaCDF							<0.265						<0.265
1,2,3,6,7,8-HexaCDF							<0.268						<0.268
1,2,3,7,8,9-HexaCDF							<0.389						<0.389
2,3,4,6,7,8-HexaCDF							<0.270						<0.270
1,2,3,4,6,7,8-HeptaCDF							<0.376						<0.376
1,2,3,4,7,8,9-HeptaCDF							<0.499						<0.499
OctaCDF							<0.697						<0.697
Tot. 2,3,7,8-TCDD Equivalence							0.00						0.00

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 19a

RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutant Metals, 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
1,1,2,2-Tetrachloroethane	<0.5			<0.5			<0.5			<0.5			<0.5
1,1,2-Trichloroethane	<1			<1			<1			<1			<1
1,1-Dichloroethane	<0.5			<0.5			<0.5			<0.5			<0.5
1,1-Dichloroethene	<1			<1			<1			<1			<1
1,2-Dichlorobenzene	<1			<1			<1			<1			<1
1,2-Dichloroethane	<1			<1			<1			<1			<1
1,2-Dichloropropane	<0.5			<0.5			<0.5			<0.5			<0.5
1,3-Dichlorobenzene	<1			<1			<1			<1			<1
1,4-Dichlorobenzene	<1			<1			<1			<1			<1
2-Chloroethyl vinyl ether	<1			<1			<1			<1			<1
Benzene	<1			<1			<1			<1			<1
Bromodichloromethane	13			13			15			22			22
Bromoform	<1			<1			<1			<1			<1
Bromomethane	<1			<1			<1			<1			<1
Carbon tetrachloride	<1			<1			<1			<1			<1
Chlorobenzene	<1			<1			<1			<1			<1
Chloroethane	<1			<1			<1			<1			<1
Chloroform	52			43			72			66			72
Chloromethane	<1			<1			<1			<1			<1
cis-1,3-Dichloropropene	<1			<1			<1			<1			<1
Dibromochloromethane	2			2			2			5			5
Ethylbenzene	<1			<1			<1			<1			<1
Methylene chloride	<1			<1			<1			<1			<1
Tetrachloroethene	<1			<1			<1			<1			<1
Toluene	<1			<1			<1			<1			<1
trans-1,2-Dichloroethene	<0.5			<0.5			<0.5			<0.5			<0.5
trans-1,3-Dichloropropene	<1			<1			<1			<1			<1
Trichloroethene	<1			<1			<1			<1			<1
Trichlorofluoromethane	<2			<2			<2			<2			<2
Vinyl chloride	<1			<1			<1			<1			<1
Acrolein							<2						<2
Acrylonitrile							<2						<2

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 19b

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

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene	<1	<1	<1	<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

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 19c

RP-1/RP-4 (M-002A) Effluent Pesticides (EPA Method 608), µg/L													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-1/RP-4 (M-002A) Effluent Semiannual Dioxins & Furans, pg/L (reported values based on detection limit)													
2,3,7,8-TetraCDD							<0.837						<0.837
1,2,3,7,8-PentaCDD							<0.804						<0.804
1,2,3,4,7,8-HexaCDD							<0.398						<0.398
1,2,3,6,7,8-HexaCDD							<0.516						<0.516
1,2,3,7,8,9-HexaCDD							<0.432						<0.432
1,2,3,4,6,7,8-HeptaCDD							<0.385						<0.385
OctaCDD							<0.834						<0.834
2,3,7,8-TetraCDF							<1.07						<1.07
1,2,3,7,8-PentaCDF							<0.592						<0.592
2,3,4,7,8-PentaCDF							<0.590						<0.590
1,2,3,4,7,8-HexaCDF							<0.278						<0.278
1,2,3,6,7,8-HexaCDF							<0.273						<0.273
1,2,3,7,8,9-HexaCDF							<0.389						<0.389
2,3,4,6,7,8-HexaCDF							<0.286						<0.286
1,2,3,4,6,7,8-HeptaCDF							<0.311						<0.311
1,2,3,4,7,8,9-HeptaCDF							<0.404						<0.404
OctaCDF							<0.730						<0.730
Tot. 2,3,7,8-TCDD Equivalence							0.00						0.00

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-5 (M-003) Effluent Remaining Priority Pollutants

Table 20a

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	<1
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<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	<1
1,1-Dichloroethane	<0.5	<0.5	<0.5	<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	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<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	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<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
2-Chloroethyl vinyl ether	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Benzene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	17	19	18	19	18	20	22	23		27	27	20	27
Bromoform	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloroethane	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloroform	40	43	41	33	40	61	60	65		57	62	54	65
Chloromethane	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromochloromethane	4	5	5	5	5	4	5	5		7	7	5	7
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Methylene chloride	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Toluene	<1	<1	<1	<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	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Trichloroethene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Trichlorofluoromethane	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2
Vinyl chloride	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
Acrolein								<2					<2
Acrylonitrile								<2					<2

Table 20b

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

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,3-Dichlorobenzene	<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
2,4,6-Trichlorophenol	<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
2,4-Dimethylphenol	<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
2,4-Dinitrotoluene	<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-Chloronaphthalene	<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
2-Methyl-4,6-dinitrophenol	<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
3,3-Dichlorobenzidine	<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
4-Chloro-3-methylphenol	<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
4-Nitrophenol	<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
Acenaphthylene	<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
Azobenzene	<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
Benzo(a)anthracene	<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
Benzo(b)fluoranthene	<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
Benzo(k)fluoranthene	<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
Bis(2-chloroethyl)ether	<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
Bis(2-ethylhexyl)phthalate	<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
Chrysene	<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
Diethyl phthalate	<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
Di-n-butyl phthalate	<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
Fluoranthene	<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
Hexachlorobenzene	<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
Hexachlorocyclopentadiene	<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
Indeno(1,2,3-cd)pyrene	<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
Naphthalene	<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
N-Nitrosodimethylamine	<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
N-Nitrosodiphenylamine	<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
Phenanthrene	<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
Pyrene	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
RP-5 (M-003) Effluent Remaining Priority Pollutants

Table 20c

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 (reported values based on detection limit)													
2,3,7,8-TetraCDD	<0.517			<0.235			<0.837						<0.837
1,2,3,7,8-PentaCDD	<0.555			<0.285			<0.804						<0.804
1,2,3,4,7,8-HexaCDD	<0.623			<0.166			<0.398						<0.623
1,2,3,6,7,8-HexaCDD	<0.88			<0.228			<0.516						<0.880
1,2,3,7,8,9-HexaCDD	<0.708			<0.197			<0.432						<0.708
1,2,3,4,6,7,8-HeptaCDD	<0.814			<0.211			<0.385						<0.814
OctaCDD	<1.63			<0.294			<0.834						<1.63
2,3,7,8-TetraCDF	<0.664			<0.234			<1.07						<1.07
1,2,3,7,8-PentaCDF	<0.593			<0.134			<0.592						<0.593
2,3,4,7,8-PentaCDF	<1.41			<0.150			<0.590						<1.41
1,2,3,4,7,8-HexaCDF	<0.363			<0.123			<0.278						<0.363
1,2,3,6,7,8-HexaCDF	<0.363			<0.121			<0.273						<0.363
1,2,3,7,8,9-HexaCDF	<0.539			<0.141			<0.389						<0.539
2,3,4,6,7,8-HexaCDF	<0.406			<0.132			<0.286						<0.406
1,2,3,4,6,7,8-HeptaCDF	<0.576			<0.257			<0.311						<0.576
1,2,3,4,7,8,9-HeptaCDF	<0.677			<0.342			<0.404						<0.677
OctaCDF	<1.23			<0.181			<0.730						<1.23
Tot. 2,3,7,8-TCDD Equivalence	0.00			0.00			0.00						0.00

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 21a

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
1,1,2,2-Tetrachloroethane	<0.5			<0.5			<0.5			<0.5			<0.5
1,1,2-Trichloroethane	<1			<1			<1			<1			<1
1,1-Dichloroethane	<0.5			<0.5			<0.5			<0.5			<0.5
1,1-Dichloroethene	<1			<1			<1			<1			<1
1,2-Dichlorobenzene	<1			<1			<1			<1			<1
1,2-Dichloroethane	<1			<1			<1			<1			<1
1,2-Dichloropropane	<0.5			<0.5			<0.5			<0.5			<0.5
1,3-Dichlorobenzene	<1			<1			<1			<1			<1
1,4-Dichlorobenzene	<1			<1			<1			<1			<1
2-Chloroethyl vinyl ether	<1			<1			<1			<1			<1
Benzene	<1			<1			<1			<1			<1
Bromodichloromethane	21			19			24			26			26
Bromoform	<1			<1			<1			<1			<1
Bromomethane	<1			<1			<1			<1			<1
Carbon tetrachloride	<1			<1			<1			<1			<1
Chlorobenzene	<1			<1			<1			<1			<1
Chloroethane	<1			<1			<1			<1			<1
Chloroform	45			44			67			65			67
Chloromethane	<1			<1			<1			<1			<1
cis-1,3-Dichloropropene	<1			<1			<1			<1			<1
Dibromochloromethane	6			5			5			6			6
Ethylbenzene	<1			<1			<1			<1			<1
Methylene chloride	<1			<1			<1			<1			<1
Tetrachloroethene	<1			<1			<1			<1			<1
Toluene	<1			<1			<1			<1			<1
trans-1,2-Dichloroethene	<0.5			<0.5			<0.5			<0.5			<0.5
trans-1,3-Dichloropropene	<1			<1			<1			<1			<1
Trichloroethene	<1			<1			<1			<1			<1
Trichlorofluoromethane	<2			<2			<2			<2			<2
Vinyl chloride	<1			<1			<1			<1			<1
Acrolein							<2						<2
Acrylonitrile							<2						<2

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 21b

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

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene	<1	<1	<1	<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

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2010 NPDES Annual Report
CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 21c

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
4,4-DDE							<0.006						<0.006
4,4-DDT							<0.008						<0.008
Aldrin							<0.004						<0.004
Alpha-BHC							<0.008						<0.008
Beta-BHC							<0.005						<0.005
Delta-BHC							<0.007						<0.007
Dieldrin							<0.006						<0.006
Endosulfan I							<0.01						<0.01
Endosulfan II							<0.007						<0.007
Endosulfan Sulfate							<0.009						<0.009
Endrin							<0.009						<0.009
Endrin aldehyde							<0.006						<0.006
Gamma-BHC							<0.01						<0.01
Heptachlor							<0.006						<0.006
Heptachlor epoxide							<0.007						<0.007
Chlordane							<0.1						<0.1
PCB-1016							<0.5						<0.5
PCB-1221							<0.5						<0.5
PCB-1232							<0.5						<0.5
PCB-1242							<0.5						<0.5
PCB-1248							<0.5						<0.5
PCB-1254							<0.5						<0.5
PCB-1260							<0.5						<0.5
Toxaphene							<0.5						<0.5
CCWRF (M-004) Effluent Semiannual Dioxins & Furans, pg/L (reported values based on detection limit)													
2,3,7,8-TetraCDD	<0.626			<0.381			0.183						<0.626
1,2,3,7,8-PentaCDD	<0.727			<0.234			<0.0952						<0.727
1,2,3,4,7,8-HexaCDD	<0.736			<0.283			<0.104						<0.736
1,2,3,6,7,8-HexaCDD	<1.17			<0.369			<0.133						<1.17
1,2,3,7,8,9-HexaCDD	<0.876			<0.325			<0.119						<0.876
1,2,3,4,6,7,8-HeptaCDD	<1.24			<0.419			<0.155						<1.24
OctaCDD	<1.39			<0.468			<0.383						<1.39
2,3,7,8-TetraCDF	<0.658			<0.372			<0.145						<0.66
1,2,3,7,8-PentaCDF	<0.545			<0.234			<0.149						<0.545
2,3,4,7,8-PentaCDF	<1.36			<0.260			<0.136						<1.36
1,2,3,4,7,8-HexaCDF	<0.513			<0.0938			<0.0606						<0.513
1,2,3,6,7,8-HexaCDF	<0.501			<0.0920			<0.0587						<0.501
1,2,3,7,8,9-HexaCDF	<0.697			<0.105			<0.0702						<0.697
2,3,4,6,7,8-HexaCDF	<0.576			<0.0983			<0.0654						<0.576
1,2,3,4,6,7,8-HeptaCDF	<1.04			<0.245			<0.108						<1.04
1,2,3,4,7,8,9-HeptaCDF	<1.17			<0.316			<0.155						<1.17
OctaCDF	<1.41			<0.322			<0.216						<1.41
Tot. 2,3,7,8-TCDD Equivalence	0.00			0.00			0						0.00

APPENDIX D

Recycled Water Users and Demands

APPENDIX D

Recycled Water Users and Demands

City of Chino			
Customer	**Site Address**	**Type**	**Total AF**
C W FARMS IV	REMINGTON/WALKER NORTH #SPR	Agricultural	305.79
Cal Poly Pomona	Kimball Ave/Magnolia Channel	Agricultural	273.64
Cal Poly Pomona	14515 Central Ave #A SPR/R	Agricultural	228.64
Cleveland Farm	EUCALYPTUS/SANTONIO #SPR-RC	Agricultural	162.53
Cleveland Farm	SOUTH/EAST OF COLLEGE BLDG	Agricultural	383.71
Cleveland Farm	Eucalyptus #SPR-RC	Agricultural	141.62
Cleveland Farm	7550 BICKMORE AVE #SPR-RC	Agricultural	130.24
Cleveland, Chad	Bickmore East of Euclid	Agricultural	230.73
Cottonwood Dairy	8819 Remington Ave	Agricultural	0.00
CW Farms	Pine Avenue W. of Grove	Agricultural	895.34
CW Farms II	Pine Ave West of Grove - Old Orange County Produce	Agricultural	112.00
CW Farms III	Remington/Walker (Airport)	Agricultural	631.94
La Brucherie Farms	Kimball & Rincon Meadows #RC	Agricultural	90.92
Nyenhius Dairy	8711 Remington Ave #AGR	Agricultural	453.18
Richardson, Don	Kimball & Rincon Meadows #RC	Agricultural	51.07
WESTSTEYN DAIRY	8300 PINE AVE	Agricultural	453.99
		Chino Agricultural Usage:	**4,545.35**
ALL AMERICAN ASPHALT	CITY-WIDE #HYD-RC	Construction	0.00
GRAND PACIFIC CONTRACTORS	KIMBALL E OF EUCLID #HYD-RC	Construction	0.83
KB Homes	HYDRANT METER	Construction	0.68
LAIRD CONSTRUCTION	OAKS AVE/EDISON #RC	Construction	0.00
PACER CONSTRUCTION INC	14544 MANCHESTER AVE #HYD-RC	Construction	0.00
PARKCREST CONSTRUCTION INC (Temp)	EUCLID AVE/KIMBALL AVE	Construction	2.40
SULLY-MILLER CONTRACTING	BICKMORE AVE/EUCLID AVE #HYD-RC	Construction	0.00
		Chino Construction Usage:	**3.91**
Calif Cogeneration	5605 COLLEGE PARK AVE	Industrial	92.69
Superior Sod	CHINO CORONA RD	Industrial	216.95
Superior Sod	PINE & HELLMAN #SPR-RC	Industrial	203.53
Superior Sod	CHINO CORONA RD #SPR-RC	Industrial	290.24
		Chino Industrial Usage:	**803.41**
Sun Cal Inland Empire Div	14123 Oaks Ave #SPR	Landscape	0.05
Sun Cal Inland Empire Div	14124 Oaks Ave #SPR-RC	Landscape	0.01
Sun Cal Inland Empire Div	14197 Oaks Ave #SPR	Landscape	0.00
AGAVE NEIGHBORHOOD ASSOCIATION	8100 W PRESERVE LOOP #SPR-RC	Landscape	9.25
All Coast Forest Products	13880 Monte Vista Ave	Landscape	6.79
American Power Conversion	14725 Monte Vista Ave #SPR-RC	Landscape	7.95
American Power Conversion	14875 Monte Vista Ave #SPR-RC	Landscape	8.46
BANK OF THE WEST	BICKMORE/HUNTINGTON GARDEN	Landscape	1.40
Brehm Communities/Pine	Bickmore/Huntington Garden SPR	Landscape	0.61
Cal Trans	Chino Hills Pkwy/71 #SPR-RC	Landscape	2.71
California Custom Shapes	5051 Edison Ave	Landscape	0.50
Central Business Owners Assoc	13931-13965 Central Ave	Landscape	4.33
Central Park Industrial PTNRS	14760 Central Ave	Landscape	7.64
Central Park Industrial PTNRS	14508 Central Ave	Landscape	6.38
Central Park Industrial PTNRS	14602-14698 Central Ave	Landscape	6.84
Chaffey College	5897 College Park Ave #SPR-RC	Landscape	3.92
CHAFFEY COLLEGE	5890 COLLEGE PARK AVE	Landscape	6.33
Chandler Real Properties	15342 El Prado Rd #SPR-RC	Landscape	4.40
Chino Development Corporation	Wetlands Project	Landscape	66.27
Chino Development Corporation	PRESERVE/RINCON MW HYD-R	Landscape	0.83
Chino Hills Ford	4480 Chino Hills Pkwy	Landscape	3.97
Chino Industrial Commons	5505 Daniels St. #SPR-RC	Landscape	3.04
Chino Industrial Commons-Owners	5625 Daniels St. #SPR-RC	Landscape	4.57
CITRUS COMMONS	PARKSIDE/WEST PRES #SPR RC	Landscape	8.78
City of Chino	5604 COLLEGE PARK AVE #SPR-RC	Landscape	20.69
City of Chino	Edison Ave Bike Trail	Landscape	177.66
City of Chino Ayala Park	5301 Edison Ave	Landscape	41.98
CITY OF CHINO GROUNDS DIV	14124 OAKS AVE	Landscape	1.72
CITY OF CHINO GROUNDS DIV	14197 Oaks Ave	Landscape	0.00
City of Chino, Ayala Park	5301 Edison Ave	Landscape	51.79
COLLEGE PARK COMMUNITES	6572 WHEATON	Landscape	2.56
COLLEGE PARK COMMUNITES	6524 WHEATON #SPR-RC	Landscape	2.98
College Park Community Assoc	Eucalyptus/San Antonio #SPR	Landscape	16.04
College Park Community Assoc	EUCALYPTUS #SPR-RC	Landscape	4.14
College Park Community Assoc	Eucalyptus/Fern #SPR-RC	Landscape	6.89
College Park Community Assoc	6555 EUCALYPTUS	Landscape	1.43
College Park Community Assoc	San Antonio A/Standford #SPR-RC	Landscape	3.34
College Park Community Assoc	6623 CLEMSON ST #SPR-RC	Landscape	2.34
College Park Community Assoc	EUCALYPTUS	Landscape	8.64
College Park Community Assoc	6975 EDINBORO ST #SPR-RC	Landscape	4.93
College Park Community Assoc 1	Clemson/Tuskegee So #SPR-RC	Landscape	4.73
College Park Communty Assoc 2	Clemson/Tuskegee No #SPR-RC	Landscape	7.26
Collins Company	5470 Daniels St.	Landscape	1.52
Colonial Electric	14981 Telephone Ave	Landscape	0.41
CONENGR CORPORATION	AYALA PARK #HYD-RC	Landscape	0.00
CP BUSINESS PARK PARTNERS LP	CENTRAL/CHINO HILLS PK SPR-RC	Landscape	8.67
CT Storage-Chino LLC	13855 Central Ave #SPR-RC	Landscape	4.02

City of Chino (Continued)			
Customer	**Site Address**	**Type**	**Total AF**
Cunningham Davis Corp	KIMBALL/FLIGHT AVE	Landscape	1.66
DBRS Medical System	13820 Benson Ave	Landscape	0.88
Dept. of Corrections State	14515 Central Ave #B SPR/R	Landscape	1.56
DO + ABLE Product	5150 Edison Ave	Landscape	5.84
DR Horton	14569 Purdue	Landscape	0.55
DR Horton	Purdue/Eucalyptus Ave HYD-R	Landscape	0.00
DR Horton	7034 Edinboro Ave #SPR	Landscape	2.56
DSC Logistics	5026 CHINO HILLS PARKWAY	Landscape	2.68
DSC Logistics	5026 CHINO HILLS PARKWAY	Landscape	0.96
DSC Logistics	5116 CHINO HILLS PARKWAY	Landscape	0.69
El Prado Rd Business Owners	15278 EL PRADO RD	Landscape	5.31
EQUIPMENT WHOLESALERS	Daniels Ave #SPR-RC	Landscape	0.50
Ethan Allen Inc	14207 Monte Vista Ave #RC	Landscape	0.00
Euclid Plaze Partner Ship	6999 SCHAEFER AVE #A #SPR-RC	Landscape	0.00
Euclid Plaze Partner Ship	6999 Schaefer AVE #B #SPR-RC	Landscape	0.00
EVERBLOOM ENTERPRISE LLC	13975 CENTRAL AVE	Landscape	1.49
Evergreen at The Preserve	15731 Earhart Ct #SPR-RC	Landscape	6.41
Evergreen at the Preserve (222671-2)	8200 Garden gate ct #SPR-RC	Landscape	1.03
Excel INC	14701 Yorba CT	Landscape	2.79
Farrand Enterprises	14375 Monte Vista Ave	Landscape	2.47
Farrand Enterprises	14325 MONTE VISTA AVE	Landscape	0.00
FRUIT-PAK MANUFACTURING	14325 MONTE VISTA AVE	Landscape	0.34
Funding Resources	13960 Benson Ave	Landscape	2.59
FUSION 5 CONDO ASSOCIATION	15804 MCINTOSH AVE	Landscape	3.54
Garrett Concrete	14920 Telephone Ave	Landscape	0.96
Garrett Concrete	14923 Telephone Ave	Landscape	1.87
GILBERT WEST	16133 S FERN AVE	Landscape	5.88
Godinho Equipment	SAN ANTONIO/EUCALYPTUS #HYD RC	Landscape	0.00
Gro-Power Inc	15065 Telephone Ave	Landscape	1.99
H PLACENICIA NURSERY	8005 PINE AVENUE	Landscape	7.80
Hensim USA	5270 Edison Ave #SPR-RC	Landscape	0.00
HILL PHOENIX INC	14680 MONTE VISTA AVE	Landscape	5.32
HYUNDAI-KIA AMERICA	14011 TWELFTH ST	Landscape	1.20
Jacuzzi Brands Inc	14880 Monte Vista Ave	Landscape	0.09
Jacuzzi Brands Inc	14720 Monte Vista Ave	Landscape	0.11
Jasmine Willows HOA	Begonia & Holland Park #SPR	Landscape	2.11
K-8 SCHOOL (PRESERVE)	8150 GARDEN PARK SCHOOL #SPR	Landscape	19.67
KB Homes	BICKMORE/HUNTINGTON GARDEN	Landscape	0.76
Kinfine USA Inc	13824 YORBA AVE	Landscape	0.91
Knickerbocker Properties Inc.	13824 YORBA AVE #SPR-RC	Landscape	1.55
LENNAR HOMES OF CA	14123 OAKS AVE	Landscape	0.85
LENNAR HOMES OF CA	HYDRANT METER	Landscape	0.00
LENNAR HOMES OF CA	14124 OAKS AVE	Landscape	9.03
LENNAR HOMES OF CA	14197 OAKS AVE	Landscape	0.77
LENNAR HOMES OF CA	HYDRANT METER	Landscape	0.00
Lewis Operating Corp	16100 Rincon Meadows	Landscape	0.23
Lewis Operating Corp	Main St/Kimball Ave, Hydrant Meter	Landscape	7.06
LW INCOME PROPERTIES	5051 EDISON AVE #SPR-RC	Landscape	1.42
Majestic Management	14510-70 Monte Vista Ave #SPR	Landscape	7.69
MBK Homes	Eucalyptus Ave/San Antonio R	Landscape	0.00
MEF Realty LLC	5220-5228 Edison Ave #SPR-RC	Landscape	1.23
Meritage Homes	Bickmore/Rincon - HYD	Landscape	0.17
MONTE VISTA #3	14720 MONTE VISTA AVE #SPR-RC	Landscape	5.97
MONTE VISTA #3	14880 MONTE VISTA AVE #SPR-RC	Landscape	5.13
National Distribution Center	15913 MOUNTAIN AVE	Landscape	14.09
National Distribution Center	16045 MOUNTAIN AVE	Landscape	20.51
NEXGRILL INDUSTRIES INC	5270 EDISON AVE	Landscape	1.31
Norco Injection Molding	14286 Monte Vista	Landscape	4.99
NORCO INJECTION MOLDING	14325 MONTE VISTA AVE	Landscape	0.71
NORCO INJECTION MOLDING	5500 DANIELS AVE #SPR-RC	Landscape	1.10
Omina	4950 Edison Ave	Landscape	9.16
Panattoni Construction	4565 Eucalyptus Ave #SPR-RC	Landscape	2.84
Panattoni Construction	14607 Ramona Ave #SPR-RC	Landscape	7.30
Panattoni Construction	4685 EUCALYPTUS AVE #SPR-RC	Landscape	1.81
Panattoni Construction	14609 Ramona Ave #SPR-RC	Landscape	4.47
Panattoni Construction	4575 Eucalyptus Ave #SPR-RC	Landscape	2.84
Panattoni Construction	14559 Ramona Ave #MED-RC	Landscape	3.61
Pardee Homes	Candlewood/Canopy #HYD	Landscape	0.00
Pinnacle Communities	SAN ANTONIO/STANFORD HYD/RC	Landscape	0.00
Preserve Maintenance Corp	15990 Nature Trail #SPR-RC	Landscape	2.24
Preserve Maintenance Corp	8381 Kimball Ave #SPR-RC	Landscape	2.41
Preserve Maintenance Corp	7703 Kimball Ave #SPR-RC	Landscape	0.94
Preserve Maintenance Corp	8595 Forest Park #SPR-RC	Landscape	3.77
Preserve Maintenance Corp	15702 Meadow Valley #SPR-RC	Landscape	5.51
Preserve Maintenance Corp	8273 KIMBALL AVE #SPR-RC	Landscape	4.76
Preserve Maintenance Corp	15703 Meadow Valley #SPR-RC	Landscape	10.69
Preserve Master Community	15779 Starfighter Ave #SPR-R	Landscape	0.97
Preserve Master Corp	8704 Bridle Path ST #A #SPR	Landscape	7.50
Preserve Master Corp	7920 Bickmore Ave #SPR-RC	Landscape	10.76
PRESERVE MASTER MAINTENANCE	8151 WEST PRESERVE LOOP-PARK	Landscape	4.67

City of Chino (Continued)			
Customer	**Site Address**	**Type**	**Total AF**
PRESERVE MASTER MAINTENANCE	7714 BICKMORE AVE SPR-RC	Landscape	6.04
PRESERVE MASTER MAINTENANCE	16343 MEADOWHOUSE AVE #SPR-RC	Landscape	2.73
PRESERVE MASTER MAINTENANCE	8456 E PRESERVE LOOP #SPR-RC	Landscape	3.75
PRESERVE MASTER MAINTENANCE	8100 W PRESERVE LOOP #SPR-RC	Landscape	5.72
PRESERVE MASTER MAINTENANCE	7973 KIMBALL AVE #SPR-RC	Landscape	1.59
PRESERVE MASTER MAINTENANCE	8473 FOREST PARK ST #SPR-RC	Landscape	3.70
PRESERVE MASTER MAINTENANCE	15750 MILL CREEK #SPR-RC	Landscape	9.50
PRESERVE MASTER MAINTENANCE	8344 FOREST PARK ST #SPR-RC	Landscape	21.50
PRESERVE MASTER MAINTENANCE	15591 RETREAT #SPR-RC	Landscape	6.19
PRESERVE MASTER MAINTENANCE	8179 KIMBALL AVE #SPR-RC	Landscape	0.58
PRESERVE MASTER MAINTENANCE	7585 BICKMORE AVE #SPR-RC	Landscape	1.00
PRESERVE MASTER MAINTENANCE	8383 KIMBALL AVE #SPR-RC	Landscape	1.45
PRESERVE MASTER MAINTENANCE	15804 MCINTOSH AVE	Landscape	2.50
Quetico Schaefer Properties	5610 Daniels St.	Landscape	3.80
Redbuilt LLC	5088 EDISON AVE #SPR-RC	Landscape	2.23
Redwood Business Center	13851-97 Redwood Ave	Landscape	8.43
Repet Inc	14207 MONTE VISTA AVE	Landscape	3.76
RYLAND HOMES OF CA	HYDRANT METER	Landscape	0.18
SADDLE CREEK CORPORATION	5026 CHINO HILLS PARKWAY	Landscape	4.57
San Bdno County Fairgrounds	5410 Edison Ave #SPR-RC	Landscape	10.69
San Bdno County Fairgrounds	5410 Edison Ave, HYD	Landscape	0.64
SCC College Park LLC	Purdue/Eucalyptus Ave HYD-R	Landscape	0.00
SCC College Park LLC	San Antonio/Eucalyptus #HYD-RC	Landscape	0.00
SEACOUNTRY HOMES	HYDRANT METER	Landscape	0.00
Service Craft LLC	5026 Chino Hills Parkway	Landscape	0.00
Service Craft LLC	5116 Chino Hills Parkway	Landscape	0.00
Shamrock Marketing	5445 Daniels St	Landscape	0.66
Shea Homes	15851 Lindbergh Ave SPR-RC	Landscape	4.08
Shea Homes	15819 Lindbergh Ave #SPR RC	Landscape	2.89
Shea Homes	Alpine Meadows/Forrest #HYD-RC	Landscape	0.00
SOUTHERN CALIFORNIA EDISON	14005 BENSON AVE	Landscape	0.24
Standard Pacific	Meadow Valley/Quiet Woods HYD	Landscape	8.88
Standard Pacific	Flight Ave/Elm Forest HYD	Landscape	0.02
STC Plastics	13824 Yorba Ave	Landscape	0.06
STRATHAM HOMES	STANDORD/SAN ANTONIO #HYD-RC	Landscape	0.23
Sundance Spas	14525 Monte Vista Ave	Landscape	8.70
Sundance Spas	14675 Monte Vista Ave	Landscape	5.78
Tetherwinds Neighborhood	15850 Lindbergh Ave #SPR-RC	Landscape	3.07
Tetherwinds Neighborhood	15754 Lindbergh Ave #SPR-RC	Landscape	5.28
Tetherwinds Neighborhood		Landscape	2.56
Tetherwinds Neighborhood		Landscape	4.10
The Campus Owners Corp	14091 TWELFTH ST B-SPR	Landscape	0.20
The Campus Owners Corp	14091 Twelfth St.	Landscape	2.43
The Campus Owners Corp	14011 Twelfth St. B-SPR	Landscape	6.54
The Preserve Master Community	16001 Huntington Garden	Landscape	8.72
The Preserve Master Community	15871 Main Street	Landscape	8.80
The Preserve Master Community	8122 Garden Park St	Landscape	6.39
The Preserve Master Community	15784 CANOPY AVE #SPR-RC PARK	Landscape	1.69
Trammel Crow So Cal Inc	14651 Yorba Ct SPR-RC	Landscape	5.21
Trammel Crow So Cal Inc	14575 Yorba Ct	Landscape	3.53
Trammel Crow So Cal Inc	4775 Eucalyptus Ave	Landscape	2.82
Trammel Crow So Cal Inc	14525 YORBA AVE #SPR RC	Landscape	0.69
Trammel Crow So Cal Inc	Yorba Ct & Eucalyptus	Landscape	2.41
Trus Joist	5088 Edison Ave	Landscape	0.00
Valbruna	13930-13950 Benson Ave	Landscape	2.03
Viaverde Nursery	15800 E PRESERVE #SPR-RC	Landscape	25.13
Viaverde Nursery	MAIN ST/FORREST PARK #SPR-RC	Landscape	2.14
Viaverde Nursery	15801 E PRESERVE LOOP #SPR-RC	Landscape	40.16
VIRAMONTES EXPRESS	8600 CHINO CORONA RD #HYD-RC	Landscape	7.38
W L Homes	Kimball/Preserve #HYD	Landscape	0.00
Warehouse Technology	5151 Eucalyptus	Landscape	5.07
Warehouse Technology	5065 Eucalyptus Ave	Landscape	7.59
Warehouse Technology	14680 Monte Vista #SPR-R	Landscape	0.09
WATSON LAND COMPANY	6911 BICKMORE AVE #SPR-RC	Landscape	2.56
WATSON LAND COMPANY	16133 S FERN AVE #SPR-RC	Landscape	9.00
Woodbury Neighborhood Association	7034 EDINBORO AVE	Landscape	4.41
Yin, Zhihua	13860 Benson Ave.	Landscape	1.34
Yorba Industrial Center	14670 YORBA CT	Landscape	5.53
Yorba Industrial Center	13901 Yorba Ave	Landscape	6.73
Yoshimura R&D	5420 Daniels St #SPR-RC	Landscape	2.64
Yoshimura Racing LLC	5411 Daniels St #SPR-RC	Landscape	0.45
Yoshimura Racing LLC	5411 Daniels St #HYD/RC	Landscape	0.09
		Chino Landscape Usage (AF):	**1,120.25**
		Chino Total Usage (AF):	**6,472.92**

City of Chino Hills			
Customer	**Site Address**	**Type**	**Total AF**
Monte Vista Farmer (1)		Agricultural	67.11
		Chino Hills Agricultural Usage (AF):	**67.11**
C.P. Construction	7020 Soquel Canyon	Construction	0.00
CP Construction	Temp service for construction	Construction	0.00
		Chino Hills Construction Usage (AF):	**0.00**
15113 A Monte Vista (BAPS Development)	15113 A Monte Vista (BAPS Development Inc)	Landscape	4.00
15870 Soquel Canyon Pkwy	15870 Soquel Canyon Pkwy	Landscape	3.56
15872 Soquel Canyon Pkwy	15872 Soquel Canyon Pkwy	Landscape	0.00
16343 Canyon Rim Dr	16343 Canyon Rim Dr	Landscape	4.82
16370 Vista Ct	16370 Vista Ct	Landscape	11.41
2681 Vellano Dr.	2681 Vellano Club Dr.	Landscape	0.00
3550 Woodview Rd.	3550 Woodview Rd.	Landscape	4.74
3987 Golden Terrace Ln.	3987 Golden Terrace Ln.	Landscape	6.89
4670 Soquel Cyn Pkwy	4670 Soquel Cyn Pkwy	Landscape	2.68
5771 Pine Ave (5651 Pine Ave, LLC)	5771 Pine Ave (5651 Pine Ave, LLC)	Landscape	2.63
6085 Butterfield Ranch Road	6085 Butterfield Ranch Road	Landscape	12.11
6087 Butterfield Ranch Road	6087 Butterfield Ranch Road	Landscape	11.54
7-Eleven (15450 Fairfield Ranch Rd)	15450 Fairfield Ranch Rd	Landscape	3.22
Albertsons	4999 Soquel Canyon Parkway	Landscape	8.03
Alterra Park	4921 Soquesl Canyon Pkwy	Landscape	-0.84
ARCO	5280 Fairfield Ranch Rd	Landscape	0.00
Artisan	16594 Slate east (3190159)	Landscape	13.20
Artisan	16302 Butterfield Ranch Rd (14551-1)	Landscape	3.70
Artisan	16308 Butterfield Ranch Rd (14551-1)	Landscape	5.62
Artisan	16594 Slate west (3191490)	Landscape	7.27
Big League Dreams	16333 Fairfield Ranch Rd	Landscape	53.33
BRR HOA	16736 Quail Country/Sweet Grass	Landscape	10.54
BRR HOA	16572 Butterfield Ranch Rd	Landscape	13.00
BRR HOA	16804 Butterfield Ranch Rd	Landscape	6.70
C.U.S.D.	5130 Riverside Dr, Chino, CA 91710	Landscape	42.48
C.U.S.D.	5130 Riverside Dr	Landscape	0.00
CalTrans	W. Fairfield Ranch Rd & Central Ave	Landscape	4.62
CalTrans	East of Mesa Oak Ave	Landscape	4.33
CalTrans	SE Butterfield Ranch Rd & Shady View Dr	Landscape	0.00
Centex	16857 Verbana east	Landscape	0.14
Centex	Highview & Glenview (3452614)	Landscape	0.30
Centex	5139 Glen View (3212754)	Landscape	5.46
Centex	High View west (3453563)	Landscape	0.00
Centex	4937 Glen View (3187716)	Landscape	16.77
Centex	High View /buckwheat (3453402)	Landscape	0.55
Centex	5044 Glen View (3212515)	Landscape	6.31
Centex	x from 5008 Glen View (3181307)	Landscape	7.03
Centex	High View at Opal (3177799)	Landscape	0.00
Centex	16679 High View	Landscape	4.86
Centex	16857 Verbana (3160264)	Landscape	5.68
Chapparral Elem. School (4342912)	4849 E Birdfarm Rd	Landscape	10.35
Chino Hills Business Park	15360 E Fairfield Ranch Rd (3384301)	Landscape	5.58
Chino Hills Business Park	15330 A Fairfield Ranch Rd (3387298)	Landscape	9.43
Chino Hills Business Park	15315 E Fairfield Ranch Rd (3378189)	Landscape	4.98
Chino Hills Business Park	15325 Fairfield Ranch Rd (3386891)	Landscape	6.41
Chino Hills Car Wash	15969 Los Serranos Country Club Dr	Landscape	0.00
Chino Hills High School	16150 Pomona Rincon Rd	Landscape	0.00
Chino Hills Storage	15315 Los Serranos Road	Landscape	1.31
Chino Valley Fire	Butterfield Ranch Rd & Sagebrush St	Landscape	1.19
City of Chino Hills	Fairfield Ranch Neighborhood Park (16343 FRR)	Landscape	2.80
City of Chino Hills	16200 Slate Dr.	Landscape	3.03
City of Chino Hills	Hunter Hill Park on Natalie Rd	Landscape	4.72
City of Chino Hills	15695 Fairfield Ranch Rd (Danbury Park)	Landscape	4.25
City of Chino Hills	Butterfield Ranch Rd/Sunny Meadows 2	Landscape	17.46
City of Chino Hills	Butterfield Ranch Rd/Sunny Meadows 1	Landscape	24.74
City of Chino Hills	Butterfield Ranch Rd (Picasso/Slate)	Landscape	1.48
City of Chino Hills	Butterfield Ranch Rd (St. Gaudens/Picasso)	Landscape	11.18
City of Chino Hills	Butterfield Ranch Rd/Park Crest	Landscape	13.08
City of Chino Hills	Butterfield Ranch Rd (Pine/Park Crest)	Landscape	0.00
City of Chino Hills	15953 Fairfield Ranch Rd (East @ Danville)	Landscape	11.12
City of Chino Hills	Butterfield Ranch Rd (Sagebrush/Pine)	Landscape	6.24
City of Chino Hills	4792 Sapphire Rd	Landscape	0.77
City of Chino Hills	Elinver Dr	Landscape	1.49
City of Chino Hills	Hunter Hill Dr & Butterfield Ranch Rd	Landscape	0.25
City of Chino Hills	4639 Chino Hills Pkwy	Landscape	6.95
City of Chino Hills	Soquel Canyon Parkway & Sundance Hill Dr	Landscape	14.55
City of Chino Hills	Pine Ave W of Mesa Oak Ave	Landscape	9.49
City of Chino Hills	Butterfield Ranch Rd/Hidden Canyon	Landscape	2.23
City of Chino Hills	15941 Fairfield Ranch Rd (West @ Victoria Falls)	Landscape	8.53
City of Chino Hills	Picasso E of Vermeer Dr, S side	Landscape	4.86
City of Chino Hills	15697 Fairfield Ranch Rd (Danbury Park)	Landscape	8.09
Country Club Villa	15447 B Pomona Rincon Rd	Landscape	0.00
Dennys	Fairfield Ranch Rd & Central Ave	Landscape	5.88
EGM Management	4635 Chino Hills Pkwy	Landscape	8.57
EGM Management	4631 Chino Hills Pkwy	Landscape	11.10

City of Chino Hills (Continued)			
Customer	**Site Address**	**Type**	**Total AF**
EGM Management	4641 Chino Hills Pkwy	Landscape	10.99
Fairfield Ranch HOA	15966 Fairfield Ranch Rd (West @ Victoria Falls)	Landscape	6.75
Fieldstone	4022 Soquel Canyon Rd. (Fieldstone)	Landscape	2.58
Fieldstone	16343 Canyon Rim Dr. (Fieldstone)	Landscape	0.00
Fieldstone	16359 Canyon Rim Dr. (Fieldstone)	Landscape	0.00
Fieldstone	16361 Canyon Rim Dr. (Fieldstone)	Landscape	0.00
Golden Terrace	3989 Golden Terrace Ln	Landscape	0.02
Golden Terrace	3987 Golden Terrace Ln	Landscape	0.00
Higgins Ranch Community	Heritage Dr E of Los Serranos Country Club Dr	Landscape	3.38
Higgins Ranch Community	Heritage Dr W of Los Serranos Country Club Dr	Landscape	5.71
Higgins Ranch Community	Heritage Dr/Old Hickory	Landscape	3.83
Higgins Ranch Community	16110 Butterfield Ranch Rd (Higgins)	Landscape	0.00
Hyoung Corp	15380 Fairfield Ranch Rd	Landscape	3.36
Lexington	4915 Torrey Pines Dr. (Lexington HOA)	Landscape	1.44
Los Serranos Golf Course	15657 Yorba Avenue	Landscape	0.00
Los Serranos Golf Course	Pinehurst Tract 14427	Landscape	229.16
Los Serranos Golf Course	Los Serranos Golf Course greens	Landscape	138.63
Los Serranos Ranch Comm. Assoc.	4249 Soquel Cyn Pkwy	Landscape	7.89
Opus West	No Information Provided	Landscape	6.78
Opus West	No Information provided	Landscape	1.17
Pine Corp Center (4274439)	5825 Pine Avenue	Landscape	5.50
Pine Corp Center (4279489)	5825 Pine Avenue	Landscape	9.05
Pomona Rincon Villas	Pomona Rincon Villas	Landscape	0.00
Ridgegate HOA	16341 Canyon Rim Dr.	Landscape	11.02
Ridgegate HOA	16361 Canyon Rim Dr.	Landscape	3.09
Ridgegate HOA		Landscape	2.35
Ridgegate HOA	3987 Golden Terrace Ln	Landscape	4.14
Ridgegate HOA	16359 Canyon Rim Dr.	Landscape	15.74
Ridgegate HOA	16359 Canyon Rim Dr	Landscape	18.90
Ridgegate HOA	3989 Golden Terrace Ln	Landscape	3.99
Rincon Park	16202 Pinehurst Drive	Landscape	21.71
Rincon Park	16202 Pinehurst Drive	Landscape	0.00
Standard Pacific	5393 Carob (99900120)	Landscape	10.29
Standard Pacific	5641 Tipu Tree (4369857)	Landscape	8.97
Standard Pacific	5381 Tipu Tree (61613321)	Landscape	4.24
Standard Pacific	5378 Pine (98650539)	Landscape	6.44
Standard Pacific	16791 Morning Glory (99528055)	Landscape	8.80
Standard Pacific	5361 Ebony (999001111)	Landscape	6.86
Standard Pacific	5331 Buttonwood (62078507)	Landscape	6.47
Standard Pacific	5488 Pine (62078505)	Landscape	10.89
Sterling Downs Apartments	Butterfield Ranch Rd/Slate Dr (Meter No. 3187393)	Landscape	3.57
Sterling Downs Apartments	Butterfield Ranch Rd/Slate Dr(Meter No. 3189798)	Landscape	2.12
Taylor Woodrow	16675 Slate (3185134)	Landscape	6.99
Taylor Woodrow	5181 Fox Hall (3275266)	Landscape	5.63
Taylor Woodrow	5221 High View (3533362)	Landscape	1.53
The Commons	The Commons	Landscape	7.98
The Commons	The Commons	Landscape	5.06
Vellano	3230 Venezia Terrace	Landscape	421.59
Vellano	3199 Woodview Rd	Landscape	6.03
Vellano Homeowner	2999 Woodview Rd	Landscape	0.00
Vista San Juan/ C.C. Medical Center		Landscape	0.62
Wickman Elem	16250 Pinehurst Ave	Landscape	14.23
		Chino Hills Landscape Usage (AF):	**1,564.26**
		Chino Hills Total Usage (AF):	**1,631.37**

City of Ontario			
Customer	**Site Address**	**Type**	**Total AF**
Bootsma Farm	7721 E. Edison Ave	Agricultural	106.16
Cleveland Farm	7565 Eucalyptus	Agricultural	0.00
Cleveland Farm	7511 E Eucalyptus	Agricultural	241.09
Cleveland Farm	15133 Carpenter	Agricultural	140.83
Cleveland Farm	9155 E Riverside Dr.	Agricultural	44.13
Cleveland Farm	8061 E Edison	Agricultural	191.25
Cleveland Farm	14450 Bon View	Agricultural	84.65
David Li	9110 E Edison Ave	Agricultural	0.00
LaBrucherie Farm	9343 E Edison Ave	Agricultural	320.01
Legend Dairies (Petersma)	7233 E Eucalyptus	Agricultural	182.89
Lewis Farms	9491 E Edison Ave	Agricultural	721.46
Li Farm (Western Oriental Growers)	9119 E Schaeffer	Agricultural	154.84
Li Yuan Farms	9110 E Edison Ave	Agricultural	169.62
Murai Farm	9091 E. Edison Ave	Agricultural	273.30
Murai Farm	9091 E. Edison Ave	Agricultural	321.25
Yoog II Farm Inc.	14133 Carpenter Ave	Agricultural	142.94
		Ontario Agricultural Usage (AF):	**3,094.41**
Cintas	2150 Proforma Ave	Industrial	84.51
City of Ontario Street Sweepers	1425 S Bon View	Industrial	0.31
Temple Inland Paper	5100 Jurupa St	Industrial	281.77
		Ontario Industrial Usage (AF):	**366.58**
Ontario LLC (05340193)	1700 S Milliken	Landscape	3.14
24 Hour Fitness	2580 S Archibald	Landscape	1.16
Acco America	2830 Philadelphia	Landscape	1.80
AEG Ontario Arena	4000 E Ontario Center Pkwy (5284910)	Landscape	12.44
AEG Ontario Arena	4000 E Ontario Center Pkwy (5277545)	Landscape	7.70
AEG Ontario Arena	4000 E Ontario Center Pkwy (5279471)	Landscape	12.75
Akzo Nobel Coatings (Haven B)	2160 S Haven	Landscape	1.08
Archibald & Philadelph (03177014) 2300 S Archibald	2300 S Archibald	Landscape	0.21
Archibald & Philadelph (03452888) 2200 S Archibald	2200 S Archibald Ave	Landscape	5.59
Archibald & Philadelph (03452952) 2320-S Archibald	2320-2330 S Archibald	Landscape	1.42
Archibald & Philadelph (03624103) 2260 S Archibald	2260 S Archibald Ave	Landscape	4.77
Archibald & Philadelph (04723822) 2340 S Archibald	2340 S Archibald	Landscape	0.11
Arrowood Invest	2155 S Excise	Landscape	10.87
Bedford Properties	4100 E Jurupa	Landscape	1.76
Bedford Properties	4200 E Jurupa	Landscape	1.47
Bedford Properties	1460 S Milliken	Landscape	3.72
Bedford Properties	1420 S Milliken	Landscape	0.79
Bellevue Cemetary	1240 W G Street	Landscape	142.93
BP West Coast Products,LLC #5965	4525 E Jurupa St	Landscape	1.42
C.V.R.A.O.	701 S Dupont	Landscape	2.08
Caliber Collision	250 S. Wineville	Landscape	0.85
Caliber Collision	200 S. Wineville	Landscape	0.69
California Commerce Center	1 Jurupa N Side	Landscape	3.46
California Commerce Center	1 Jurupa N	Landscape	0.31
California Commerce Center	1 S Rockfeller	Landscape	3.28
California Commerce Center	1 Jurupa S Side	Landscape	1.47
California Commerce Center	1 S Commerce	Landscape	2.57
CalTrans	2448 S Archibald Ave	Landscape	18.16
CalTrans	2291 S Archibald Ave	Landscape	40.65
Castle Industries	601 S Dupont	Landscape	0.46
CCC-N	300 S Milliken	Landscape	9.83
CCC-N	1380 S milliken	Landscape	3.25
CCC-N	4151 E Jurupa	Landscape	5.58
CCC-N	4202 E Airport	Landscape	5.29
CCC-N	1 S Milliken	Landscape	3.01
CCC-N	1 E Jurupa	Landscape	1.42
CCC-N	4400 E Jurupa	Landscape	3.34
CCC-N	4081 E Airport	Landscape	4.88
CCC-N	3660 E Airport	Landscape	5.40
CCC-N	1152 S Milliken	Landscape	3.56
CCC-N	1425 S Haven	Landscape	1.05
CCC-N	1 S Commerce	Landscape	2.91
CCC-N	4301 E Airport	Landscape	1.71
CCC-N	1119 S Milliken	Landscape	1.76
CCC-N	1 S Rockefeller	Landscape	6.61
CCC-N	880 S Dupont	Landscape	2.61
CCC-S	2190 S Excise	Landscape	3.61
CCC-S	2626 E Cedar St	Landscape	1.94
CCC-S	2021 S Archibald Ave	Landscape	4.86
CCC-S	2764 E Philadelphia	Landscape	7.25
CCC-S	2123 S Proforma Ave	Landscape	4.41
CCC-S	2924 E Philadelphia	Landscape	10.78
CCC-S	2030 S Haven	Landscape	2.52
Chaffey High School	500 W Fourth	Landscape	30.62
Chevron Land	840 N Haven	Landscape	16.58
Chevron Land	3299 E Inland Empire	Landscape	16.16
Chevron Land	950 N Center	Landscape	12.97
Chevron Land	4198 E Concours	Landscape	2.50
Chevron Land	3500 E Concours	Landscape	8.98

City of Ontario (Continued)			
Customer	**Site Address**	**Type**	**Total AF**
Chevron Land	4004 E Fourth	Landscape	8.51
Chevron Land	980 N Haven	Landscape	2.84
Chevron Land	904 N Turner	Landscape	8.53
Chevron Land	4004 E Fourth	Landscape	2.34
Chevron Land	1025 N Center	Landscape	5.83
Chevron Land	950 N Duesenberg	Landscape	3.19
Chevron Land	902 N Turner	Landscape	0.69
Cintas	2150 Proforma Ave	Landscape	5.91
City of Ontario	610 N Turner	Landscape	4.79
City of Ontario	1495 S Dupont	Landscape	1.01
City of Ontario	2442 S. Archibald Ave	Landscape	5.40
City of Ontario	2289 S Archibald Ave	Landscape	0.73
City of Ontario (4th/Milliken Parkway)	4320 E Fourth	Landscape	1.16
City of Ontario (Holt/Guasti East)	1 Kline Center/Holt	Landscape	0.12
City of Ontario (Holt/Guasti West)	2200 E Holt	Landscape	1.19
City of Ontario (Soccer Complex)	2400 E Philadelphia	Landscape	43.24
CK Restaurants	4555 E Jurupa Street	Landscape	2.39
Comstock Homes	2750 E Archibald	Landscape	4.62
Concours Plaza	3333 E Concours	Landscape	6.18
Concours Retail	3491 E Concours St	Landscape	2.93
Corona Elementary School (OMSD)	1040 N Corona Ave	Landscape	19.54
Customized Distribution	2151 S Proforma	Landscape	18.92
Del Norte Elementary School	850 N Del Norte Ave	Landscape	33.13
Dial Chemical	600 S. Wineville	Landscape	0.83
Dorthy Gibson Continuation School	1800 E Seventh Street	Landscape	2.89
Doubletree	228 N Vineyard	Landscape	0.00
Doubletree	228 N Vineyard Ave	Landscape	0.00
Dura Coat	190 S. Wineville	Landscape	0.51
EJM Development	4305 E Jurupa	Landscape	2.78
EJM Development	101 S Milliken	Landscape	2.57
Elderberry Elementary School (OMSD)	950 N. Elderberry Ave	Landscape	16.60
Ely Basin #3	2095 S Vineyard Ave	Landscape	2.94
Empire Towers	4200 E Concours	Landscape	3.96
Empire Towers	3800 E Concours	Landscape	1.99
Feed the Children	2551 E Philadelphia	Landscape	2.66
Ferrari Corporate Center LLC	4150 E Concours	Landscape	6.97
Fire Station	2931 Philedalphia	Landscape	2.43
Flags Importer	1700 S Milliken	Landscape	2.43
FRUIT GROWERS SUPPLY	225 S WINEVILLE AV	Landscape	17.74
G & K Services	3465 E Cedar	Landscape	4.89
Galvin Park	1153 E I St.	Landscape	14.40
Galvin Park	1 Galvin Park	Landscape	26.42
Galvin Park	1 Galvin Park	Landscape	18.28
Grove Memorial Park	1 City - East I St.	Landscape	15.26
Guasti Park	800 N ARCHIBALD AV	Landscape	283.42
Haliburton	NEC Philadelphia & Proforma	Landscape	5.51
Hino Motor Manufacturing	209 S Milliken	Landscape	3.21
HMC Architects	3546 E Concours	Landscape	6.83
Inland Empire Utilities Agency	1818 E Philadelphia	Landscape	5.39
IT Performance	800 S. Wineville	Landscape	1.22
JMS Wineville	170 S Wineville Ave	Landscape	1.05
Kaiser	2295 S Vineyard Ave	Landscape	28.57
Khaloghli, Khosro	4295 E Jurupa	Landscape	3.27
Kohls	1051 N Milliken	Landscape	6.67
Kohls	1051 N Milliken	Landscape	11.82
Landmark at Ontario Towne LLC	950 N Duesenberg	Landscape	11.40
Landmark at Ontario Towne LLC	950 N Duesenberg (Top)	Landscape	7.01
Lord Baltimore Properties	3990 E Concours	Landscape	5.15
M. Craitenberger	650 S. Wineville	Landscape	1.20
Mathis Brothers Furniture	4105 E Inland Empire	Landscape	7.98
Mathis Brothers Furniture	4105 E Inland Empire	Landscape	8.06
Mintra Corp	1690 S Milliken	Landscape	5.79
Munoz Park	1240 W 4th Street	Landscape	42.64
Niagara Water	2560 E Philadelphia St	Landscape	2.29
Ont Convention Center	2000 E Convention Center Way	Landscape	2.46
Ont Convention Center	2000 E Convention Center	Landscape	2.16
Ont Indusruial Partn	3601 E Jurupa	Landscape	1.27
Ontario Center (Founders Garden)	3994 E Concours	Landscape	42.10
Ontario Collision Center	450 S Wineville	Landscape	0.65
Ontario Commerce Park	801 S Dupont	Landscape	6.62
Ontario Health Education	3130 E Sedona	Landscape	0.91
Ontario LLC (05312114)	4091 E Francis	Landscape	3.68
Ontario LLC (05312186)	3510 E Francis (05312186)	Landscape	1.78
Ontario LLC (05316408)	3550 E Francis (05316408)	Landscape	3.30
Ontario LLC (05316937)	4060 E Francis (05316937)	Landscape	3.64
Ontario LLC (05317477)	3550 E Francis (05317477)	Landscape	2.79
Ontario LLC (05396254)	3510 E Francis (05396254)	Landscape	1.25
Ontario LLC (05502701)	4060 E Francis (05502701)	Landscape	2.32
ONTARIO MONTCLAIR	1700 E 7TH ST	Landscape	0.00
ONTARIO MONTCLAIR	1450 E G ST	Landscape	5.55

City of Ontario (Continued)			
Customer	**Site Address**	**Type**	**Total AF**
ONTARIO MONTCLAIR	1605 E D ST	Landscape	0.00
Ontario Motor Speedway Park	915 N. Center Ave	Landscape	15.32
Panattoni Developement (03453746) 2250 S Archiba	2250 S Archibald	Landscape	0.29
Panattoni Development (Best Buy)	4190 E Fourth	Landscape	6.59
Panattoni Development (MT Airport)	285 S Dupont	Landscape	2.55
Parks Dept. (Galanis Park)	1280 E D St.	Landscape	1.57
Parks Dept. (Haven Parkway)		Landscape	0.36
Parks Dept. (Haven Parkway)	2140 S Haven	Landscape	0.07
Parks Dept. (Veterans Park)	1257 E D St.	Landscape	6.41
People Movers	150 S. Wineville	Landscape	0.48
Piemonte 5-story	901 N Via Piemonte	Landscape	4.63
Piemonte Business Park (04306405)	4004 E Fourth	Landscape	0.15
Piemonte Business Park (04725037)	4004 E Fourth	Landscape	1.60
Piemonte Business Park (04920427)	4004 E Fourth	Landscape	0.45
Piemonte Business Park (04930593)	4004 E Fourth	Landscape	1.16
Piemonte Business Park (04934728)	4004 E Fourth	Landscape	2.33
Pier 1 Imports	3000 E Philadelphia St	Landscape	7.80
Pier 1 Imports	3000 E Philadelphia	Landscape	19.32
Prologis California	4060 E Francis	Landscape	4.97
Prologis California	4091 E Francis	Landscape	2.89
Prologis California	3550 E Francis	Landscape	3.89
Prologis California	3550 E Francis	Landscape	6.12
Prologis California	3510 E Francis	Landscape	3.96
Prologis California	4060 E Francis	Landscape	1.49
Prologis California	3510 E Francis	Landscape	2.40
Roshan LLC (La Galleria at the Mills)	4323 E Mills Cir	Landscape	2.19
Ruth Group	3536 E Concours Dr.	Landscape	4.18
Sierra Insulation	120 S Wineville	Landscape	0.68
T S Express	3351 E Philadelphia	Landscape	1.29
Target	4200 E Fourth	Landscape	6.94
Top & Tech	400 S. Wineville	Landscape	1.81
Toyota	1425 S Toyota Way (3212250)	Landscape	9.96
Toyota	1425 S Toyota Way (3212327)	Landscape	17.00
Toyota	1425 S Toyota Way (5491111)	Landscape	16.96
Toyota	1425 S Toyota Way (3094467)	Landscape	0.00
Toyota	1425 S Toyota Way (3164331)	Landscape	15.02
Toyota	1425 S Toyota Way	Landscape	13.62
Toyota	1425 S Toyota Way (3062229)	Landscape	8.01
Toyota	1425 S Toyota Way (3217175)	Landscape	6.95
Utility Board	100 S Wineville	Landscape	0.73
Vina Danks Junior High	1020 N Vine	Landscape	16.49
Vineyard Elementary School	1500 E Sixth Street	Landscape	21.77
Vineyard Park	1400 E 6TH	Landscape	14.94
Vineyard Plaza	1865 E Fourth St	Landscape	2.21
Vintage Apts.	955 N Duesenberg	Landscape	3.32
Vintage Apts.	955 N Duesenberg	Landscape	3.04
Warmington Residential Comm. (04748546)	2424 E Fourth	Landscape	4.03
Wella Mfg	950 S Dupont	Landscape	2.67
Westwind Park	2522 Riverside Drive	Landscape	55.74
Whispering Lakes Golf Course	2525 Riverside Drive	Landscape	623.14
		Ontario Landscape Usage (AF):	**2,282.61**
		Ontario Total Usage (AF):	**5,743.61**

CVWD			
Customer	**Site Address**	**Type**	**Total AF**
6" temp contructions / meter earth basics	N/o etiwanda n/o ontario mills pkwy	Construction	0.00
Shawnee Const	West of Etiwanda Ontario mills	Construction	2.62
		CVWD Construction Usage (AF):	**2.62**
9111 Cleveland	9111 Cleveland	Landscape	2.19
9373 - 9405 Haven Av Landscape (median)	11359 6th st	Landscape	7.64
Aloft Hotel	10480 4th Street	Landscape	4.93
Andy's Palms	12079 Foothill	Landscape	2.04
ASAP power sports	9029 Rochester Ave	Landscape	1.54
Bass Pro Shop	7777 Victoria Park	Landscape	11.95
Bradshaw International, Inc	9409 Buffalo Ave	Landscape	14.07
Bradshaw International, Inc	9471 Buffalo Ave	Landscape	11.76
Cabot Industrial Trust	11653 6th St	Landscape	1.78
Cabot Industrial Trust	9370 Buffalo Ave	Landscape	6.68
Cabot Industrial Trust	9357 Richmond Pl	Landscape	2.10
Cal Development LLC	11540 4th St	Landscape	5.56
Cal Development LLC	11530 4th St	Landscape	4.24
Cal Development LLC	11570 4th St	Landscape	7.26
Cal National Bank	8047 Day Creek	Landscape	0.19
CIP Real Estate	9481 Haven	Landscape	9.29
City of Rancho Cucamonga	8408 Rochester	Landscape	1.34
City of Rancho Cucamonga	8408 Rochester	Landscape	0.45
City of Rancho Cucamonga	7491 Arbor	Landscape	0.69
City of Rancho Cucamonga	7481 Arbor	Landscape	1.29
City of Rancho Cucamonga	8408 Rochester	Landscape	0.73
City of Rancho Cucamonga	9479 Haven Ave	Landscape	1.12
City of Rancho Cucamonga	4th and Milliken (e/o monument)	Landscape	0.27
City of Rancho Cucamonga	8404 Rochester	Landscape	3.33
City of Rancho Cucamonga	12690 Church	Landscape	0.07
City of Rancho Cucamonga	11067 6th st	Landscape	0.21
City of Rancho Cucamonga	8408 Rochester	Landscape	0.29
City of Rancho Cucamonga	11709 6th Street	Landscape	3.49
City of Rancho Cucamonga	7491 Arbor	Landscape	0.61
City of Rancho Cucamonga	8408 Rochester	Landscape	0.14
City of Rancho Cucamonga	12510 Church	Landscape	6.47
City of Rancho Cucamonga	9698 4th Street (n/s of monument)	Landscape	0.82
City of Rancho Cucamonga	12989 Base linee rd	Landscape	7.99
City of Rancho Cucamonga	7265 Forester	Landscape	8.66
City of Rancho Cucamonga	12781 Base line rd	Landscape	0.42
City of Rancho Cucamonga	12500 Church	Landscape	0.38
City of Rancho Cucamonga	10601 6th st	Landscape	0.63
City of Rancho Cucamonga	10801 6th Street Medians	Landscape	1.48
City of Rancho Cucamonga	11359 6th Street Median	Landscape	0.36
City of Rancho Cucamonga	11469 6th Street	Landscape	1.08
City of Rancho Cucamonga	7915 Day Creek	Landscape	1.12
City of Rancho Cucamonga	11768 Arrow	Landscape	0.31
City of Rancho Cucamonga	8057 Day Creek	Landscape	0.11
City of Rancho Cucamonga	12500 Church	Landscape	0.50
City of Rancho Cucamonga	11549 6th Street	Landscape	0.54
City of Rancho Cucamonga	12910 Candlewood	Landscape	2.06
Comfort - Pedic Mattress USA	9080 Charles Smith Ave	Landscape	1.94
CPT 6th & Cleveland LLC	9199 Clevland Building #102	Landscape	3.65
CPT 6th & Cleveland LLC	9199 Clevland Building #101	Landscape	9.65
Earth Basics	Ontario mills pkwy west of Etiwanda	Landscape	0.00
Empire Lakes Golf Course	11015 6th St	Landscape	461.79
Facility Builders & Erectors	11846 6th Street	Landscape	2.34
Foothill Crossing LLC	8340 Day Creek	Landscape	1.44
Frito Lay Inc.	9535 Archibald	Landscape	17.23
Harrys Pacific Grill	8009 Day Creek	Landscape	0.17
Hilemen Development Co.	9670 Haven Ave	Landscape	12.77
Hilemen Development Co.	9680 Haven AVE LNDSC	Landscape	0.00
Market Place Properties	9659 Milliken Ave	Landscape	12.87
Mission Business Center LLC	9450 Buffalo Ave	Landscape	5.81
Murfco INC.	11854 6th Street	Landscape	0.67
O & S Holdings	8251 Day Creek	Landscape	1.89
O & S Holdings	8051 Day Creek	Landscape	2.43
O & S Holdings	8252 Day Creek	Landscape	2.64
Prologis	5655 Ontario mills pkwy	Landscape	5.22
Prologis	5655 Ontario mills pkwy	Landscape	8.30
Prologis	951 Etiwanda AVE	Landscape	3.13
Prologis	5655 Ontario mills pkwy	Landscape	1.26
Prologis	5655 Ontario mills pkwy	Landscape	6.95
Rackafeller group	9461 - 9591 Pitsburgh ave	Landscape	2.58
Richard Dick & Associates	9302 Pittsburg Ave	Landscape	3.79
Southern California Edison	12484 6th st	Landscape	9.32
Stadium Plaza North	11996 Jack Benny	Landscape	1.21
Stadium Plaza North	8351 Rochester	Landscape	0.79
Stadium Plaza South	12005 Jack Benny	Landscape	1.12
Stadium Plaza South	8423 Rochester	Landscape	1.22
Stadium Plaza South	8351 Rochester	Landscape	0.07
Stanley Steamers	9051 Rochester Ave	Landscape	1.08

CVWD (Continued)			
Customer	**Site Address**	**Type**	**Total AF**
Starbuck's Coffee	8025 Day Creek	Landscape	0.09
Toyota Motor Sales	9040 Charles Smith Ave	Landscape	0.69
Victoria Gardens	7695 Day Creek	Landscape	2.65
Victoria Gardens	7695 Day Creek	Landscape	3.72
Victoria Gardens	12867 Church	Landscape	0.12
Wells Fargo Bank	8071 Day Creek	Landscape	0.11
		CVWD Landscape Usage (AF):	**730.93**
		CVWD Total Usage (AF):	**733.55**

IEUA			
Customer	**Site Address**	**Type**	**Total AF**
Construction Sites		Construction	0.00
		IEUA Construction Usage (AF):	**0.00**
Genon Energy Plant (Reliant)	8800 Etiwanda Ave	Industrial	327.12
IERCF	12645 6th Street	Industrial	12.72
		IEUA Industrial Usage (AF):	**339.83**
Chino Creek Park Evaporation		Landscape	158.87
Chino Creek Wetlands and Educational Park	6075 Kimball Avenue	Landscape	17.76
Greenlee Nursery	15993 El Prado Rd	Landscape	0.00
IEUA Headquarters	6075 Kimball Ave.	Landscape	3.72
		IEUA Landscape Usage (AF):	**180.35**
7th & 8th Street		Recharge	1,871.00
Banana Basin		Recharge	267.00
Brooks Basin		Recharge	1,373.00
Ely Basin		Recharge	757.00
Hickory Basin		Recharge	785.00
RP-3		Recharge	1,748.00
San Sevaine No. 5		Recharge	396.00
Turner Basin		Recharge	53.00
Victoria Basin		Recharge	778.00
		IEUA Recharge Usage (AF):	**8,028.00**
		IEUA Total Usage (AF):	**8,548.18**

MVWD			
Customer	**Site Address**	**Type**	**Total AF**
5100 Benito	5100 Benito	Landscape	6.14
Alma Hoffman Park	5000 Benito St	Landscape	13.58
Buena Vista Elem School	5675 San Bernardino Street	Landscape	25.72
City Hall	5111 Benito Street	Landscape	2.58
Demonstration Garden	4594 San Bernardino St.	Landscape	5.37
Golden Girls Park	9762 N. Benson Ave	Landscape	0.00
Kingsley Elem School	5625 Kingsley	Landscape	16.13
Kingsley Park	5575 Kingsley Street	Landscape	12.98
Lehigh Elem School	10200 Lehigh	Landscape	9.98
Library/City Hall	9955 Fremont Avenue	Landscape	5.51
Montclair Hi School	4700 Block Orchard Street	Landscape	64.49
Montclair Medical Center	5000 San Bernardino Street	Landscape	12.92
Montclair Towncenter HOA	9700 Fremont Avenue	Landscape	1.82
Montclair Towncenter HOA	9800 Fremont Avenue	Landscape	13.72
Montclair Towncenter HOA	9950 Fremont Avenue	Landscape	11.54
Monte Vista Elementary School	4900 Orchard	Landscape	14.40
Our Lady of Lourdes Church	5300 Orchard Street	Landscape	4.45
Saratoga Park	Kingsley St & Central Ave	Landscape	42.93
Sunrise Park	Benson & San Bernardino	Landscape	7.54
Sunset Park	4351 Orchard Street	Landscape	6.31
Sunset Park	4351 Orchard Street	Landscape	19.68
Wilderness Basin Park	4594 San Bernardino	Landscape	5.78
		MVWD Landscape Usage (AF):	**303.58**
		MVWD Total Usage (AF):	**303.58**

San Bernardino County			
Customer	**Site Address**	**Type**	**Total AF**
El Prado Golf Course	6555 Pine Ave	Landscape	221.04
El Prado Park	16700 S. Euclid Avenue	Landscape	1,029.62
		SB County Landscape Usage (AF):	**1,250.66**
		SB County Total Usage (AF):	**1,250.66**