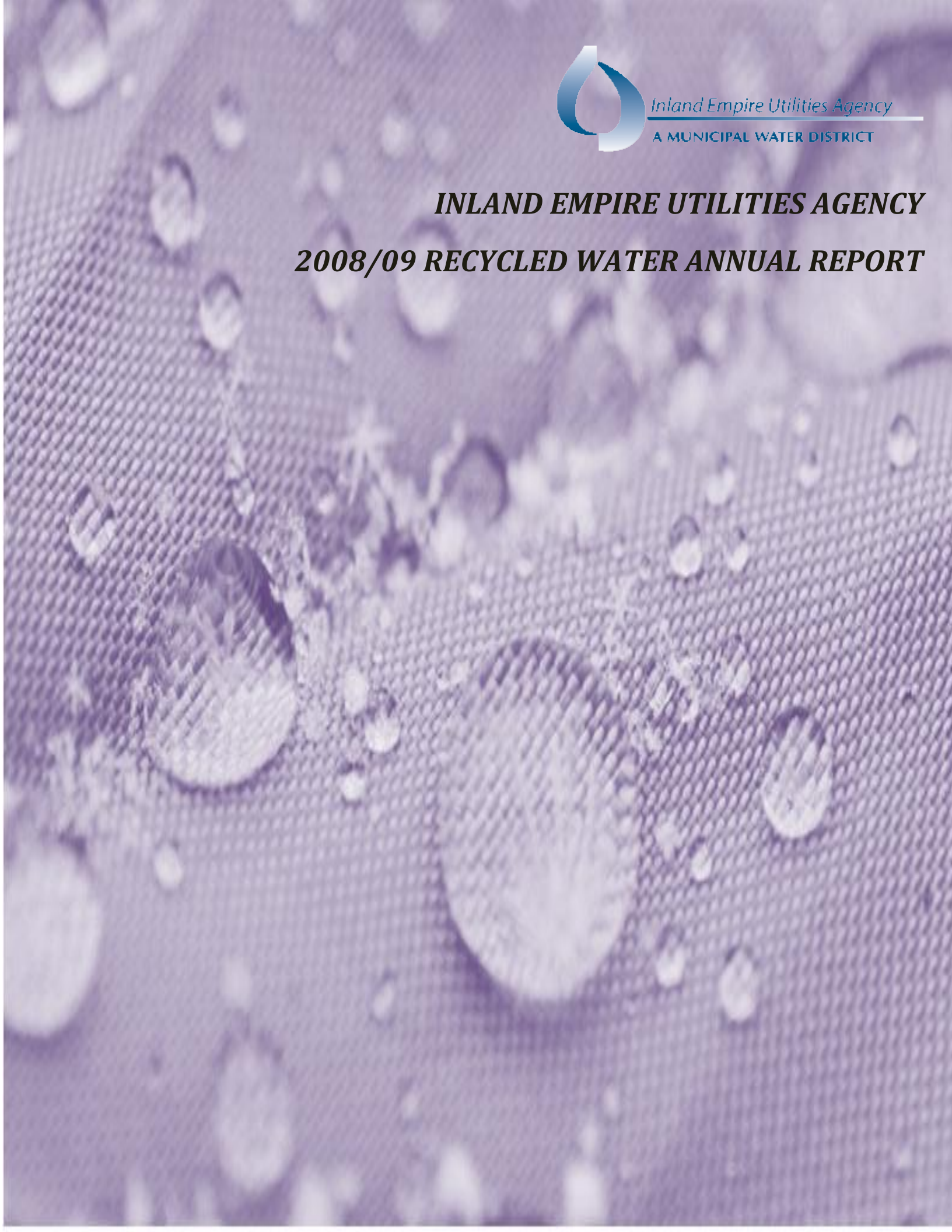


# *INLAND EMPIRE UTILITIES AGENCY*

# *2008/09 RECYCLED WATER ANNUAL REPORT*

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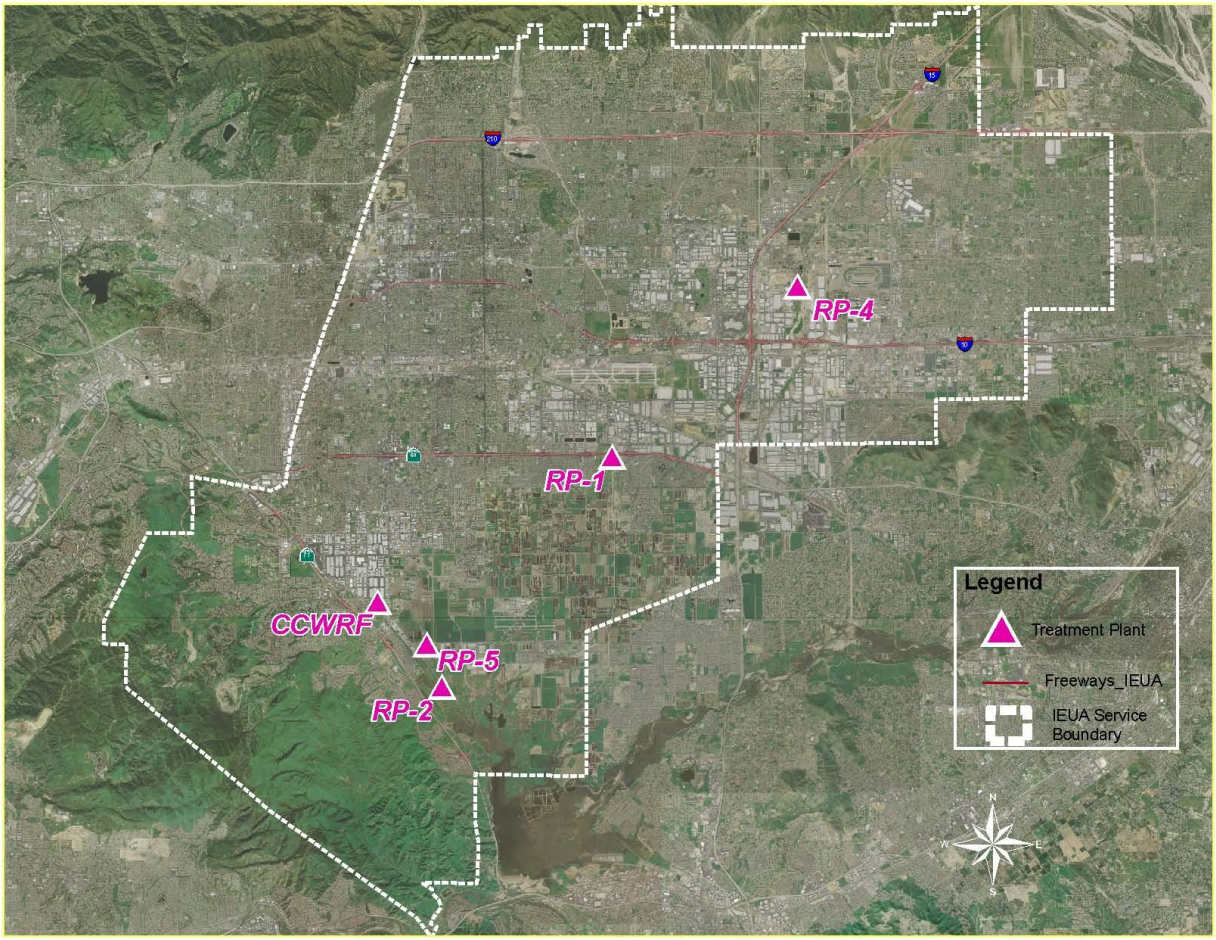
# OVERVIEW

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




## RECYCLED WATER SALES:

During the fiscal year 2008/09, the average recycled water supply from IEUA's facilities was approximately 60 million gallons per day (MGD). Recycled water demand for direct use and recharge purposes was approximately 33% of the available supply. During the summer peak months, the recycled water demand is over 70 percent of the available supply.

Of the 60 MGD or 67,200 AFY of recycled water produced during the fiscal year, 17,100 acre feet per year (AFY) were actively reused for a variety of applications including landscape irrigation, agricultural irrigation, industrial process water, and groundwater recharge. The usage is categorized in Figure 1.

| Type of Usage | Demand for FY 08/09 (AFY) |
|---|---|
| Recharge | 2,684 |
| Landscape | 5,608 |
| Agricultural | 7,351 |
| Industrial | 1,457 |
| **Total Demand (AFY):** | **17,100** |

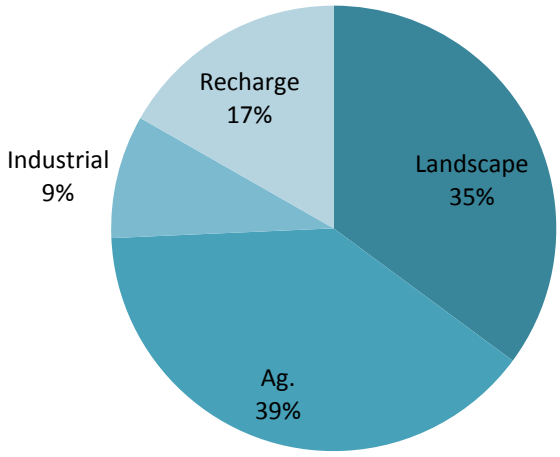



Figure 1: FY 2008-09 Recycled Water Use Categories

Recycled water sales during FY 2008/09 was over 17,100 acre-feet (AF), an increase by over 27 percent from the previous fiscal year sales. A summary of the history of the recycled water sales is provided in Figure 2.

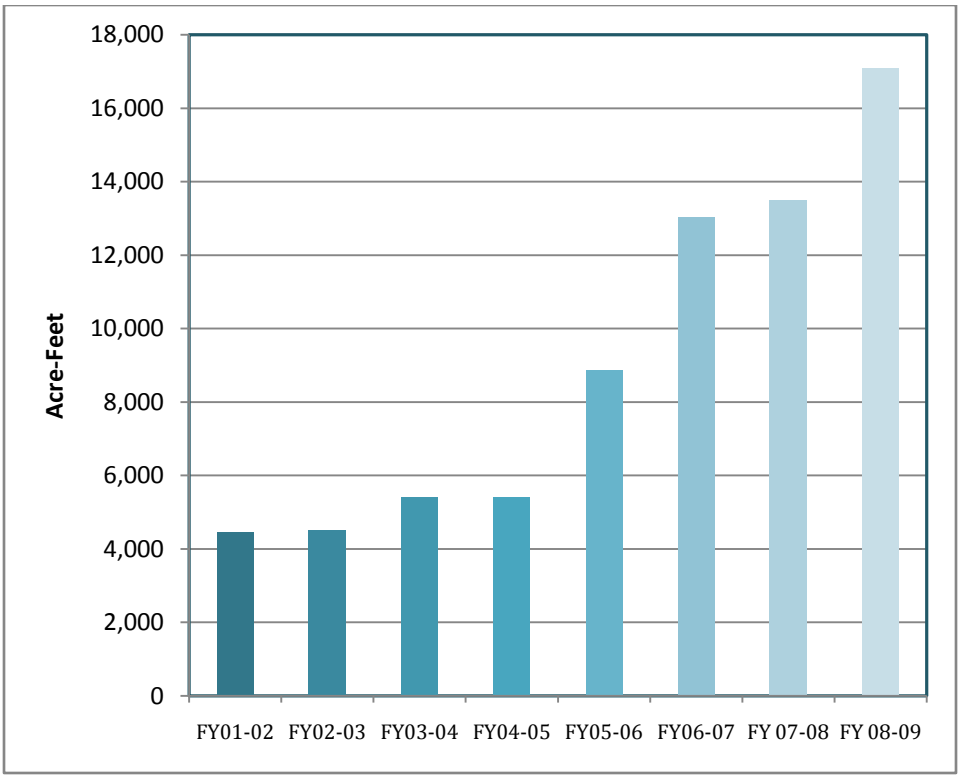



Figure 2: History of RW Sales

During FY 08-09 81 new users, with a new connected demand of 14,200 AFY were connected to the recycled water system. Connected demand is the anticipated annual usage based on acreage of land and previous potable water usage history. The steady increase in the recycled water customers to the distribution system could be attributed to the aggressive Three Year Business Plan that was launched by the Agency in 2007, with support from its Member Agencies. History of the recycled water users and associated demand for the fiscal year is provided as Appendix D.

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

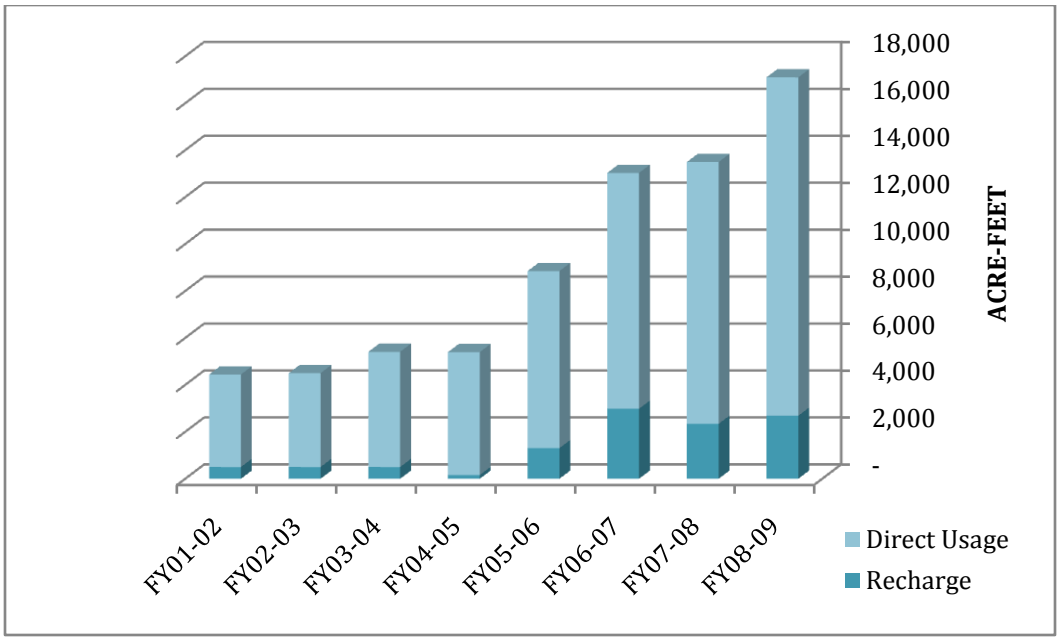



Figure 3: Summary of Groundwater Recharge and Direct Use of Recycled Water

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

| SITE | TYPE OF USE | ACRE FEET |
|---|---|---|
| Reliant Energy | Cooling Tower | 1,383 |
| El Prado Regional Park | Landscape Irrigation | 1,069 |
| Ron LaBrucherie Farm | Agricultural Irrigation | 872 |
| C W Farms | Agricultural Irrigation | 736 |
| Nyenhuis Dairy | Agricultural Irrigation | 599 |
| Whispering Lakes Golf Course | Landscape Irrigation | 589 |
| Murai Farm | Agricultural Irrigation | 588 |
| Oak Creek Ranch Golf Club Inc (Empire Lakes) | Landscape Irrigation | 536 |
| Cal Poly Pomona (CIM Site, Farming) | Agricultural Irrigation | 514 |
| Sam Lewis Farm | Agricultural Irrigation | 404 |
| **TOTAL USE** | | **7,290** |

Table 1: Top 10 Recycled Water Customers for FY 08-09

## ECONOMIC AND ENVIRONMENTAL IMPACTS

The wholesale rate of the recycled water for its member agencies for the fiscal year was $66/AFY. Table 3 in the 'Retail Purveyors' section of the report compares selected potable water rates and recycled water rates, illustrating the savings realized by the end users.

The 17,100 AFY of recycled water reused during the fiscal year is the equivalent of the water supply for roughly 17,000 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 67,700 AFY wastewater treated, 100% met the most stringent Department of Public Health Title-22 water quality standards. 17,100 AFY was used for direct sales or groundwater recharge. 81 new sites were connected during the fiscal year, with an additional connected demand of 14,200 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 2012.

# 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*

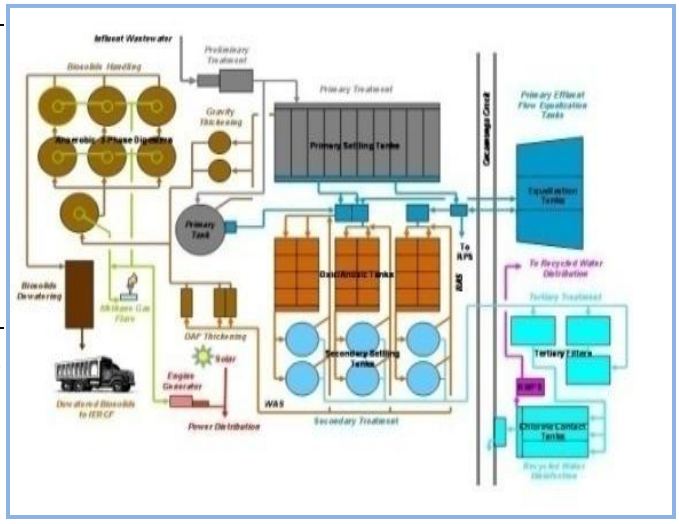

Regional Water Recycling Plant No. 1 (RP1) is located in the City of Ontario near the intersection of California State Route 60 and Archibald Avenue. This facility was originally commissioned in 1948 and has undergone several expansions to increase the design of wastewater treatment capacity to the current 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**

RP1 includes several treatment processes that contribute to providing a quality recycle water pursuant to the State of California Title 22 regulations. The major treatment processes include preliminary and primary treatment, primary effluent flow equalization and diversion, secondary treatment, tertiary treatment and biosolids treatment as illustrated in the figure below.

| | |
|---|---|
| ***Plant Capacity:*** | ***44 MGD*** |
| ***Influent Flow:*** | ***32.1 MGD*** |
| ***Water Reused:*** | ***16.8 MGD**** |
| ***Creek Discharge:*** | ***22.4 MGD**** |

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

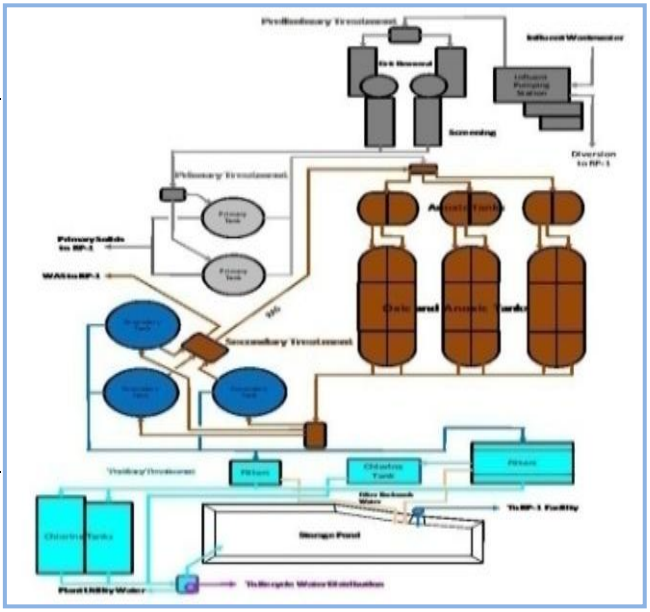


## *Regional Water Recycling Plant No. 4 (RP-4)*

Located in the City of Rancho Cucamonga, the Regional Water Recycling Plant No. 4 (RP-4) has been in operation and producing recycled water since 1997. RP-4 treats an average flow of 5 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 a quality recycle water pursuant to the State of California Title 22 regulations. The major treatment processes include raw wastewater pumping, preliminary and primary treatment, secondary treatment and tertiary treatment as illustrated in the figure below. Tertiary water that is not utilized for direct sales or groundwater recharge is discharged to the creek at RP-1 from RP-4.



| | |
|---|---|
| ***Plant Capacity:*** | ***14 MGD*** |
| ***Influent Flow:*** | ***7.1 MGD*** |
| ***Water Reused:*** | ***16.8 MGD**** |
| ***Creek Discharge:*** | ***22.4 MGD**** |

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

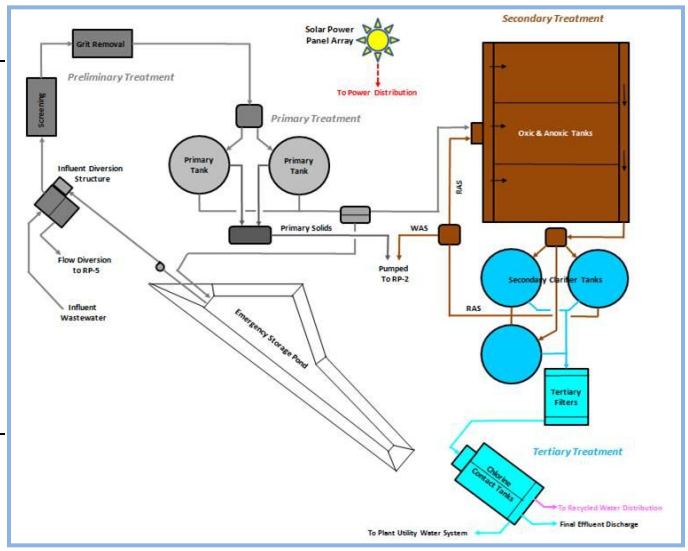
## *Carbon Canyon Water Recycling Facility (CCWRF)*

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

### Plant Description

CCWRF includes several treatment processes that contribute to providing a quality recycle 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:*** | ***9.9 MGD*** |
| ***Water Reused:*** | ***2.9 MGD*** |
| ***Creek Discharge:*** | ***7.0 MGD*** |



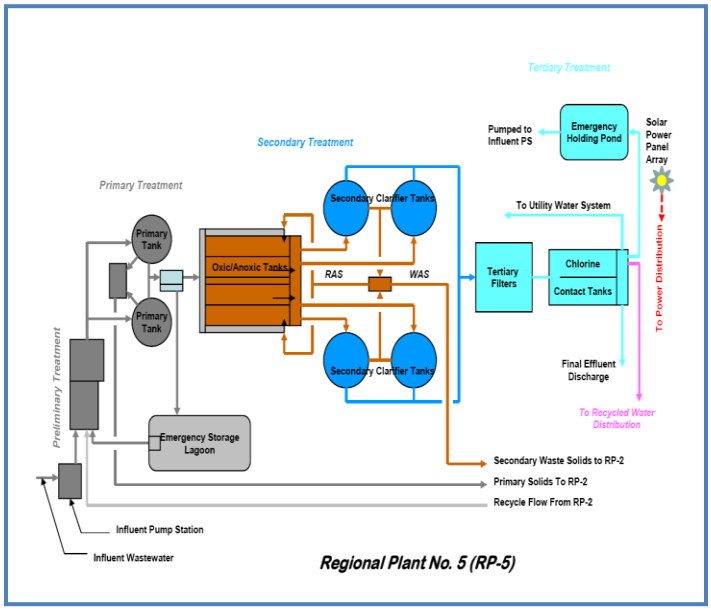
## *Regional Water Recycling Plant No. 5 (RP-5)*

Regional Water Recycling Plant No. 5 (RP-5) is 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 a quality recycle water pursuant to the State of California Title 22 regulations. The major treatment processes include raw wastewater pumping, preliminary and primary treatment, secondary treatment, and tertiary treatment as illustrated in the figure below.

| | |
|---|---|
| ***Plant Capacity:*** | ***15 MGD*** |
| ***Influent Flow:*** | ***11.4 MGD*** |
| ***Water Reused:*** | ***1 MGD*** |
| ***Creek Discharge:*** | ***10.4 MGD*** |



# CURRENT RECYCLED WATER CAPITAL PROGRAM

The IEUA currently produces over 60 million gallons per day of recycled water, and there are several projects under way to expand the use of recycled water within its service area. These projects and the location of the capital projects are shown in Table 2. Details of the projects that were in design or construction during FY 08/09 are summarized below.

**Table 2: Summary of Recycled Water Capital Program**

| Completed Projects | Location | Project Cost | Grants | Schedule |
|---|---|---|---|---|
| San Antonio – Pipeline B | Ontario & Montclair | $10 M | $2.6 M | Complete |
| 1158/1270 Pump Station | Rancho Cucamonga | $10 M | $6.3 M | Complete |
| 1158 Pipeline – A & B | Rancho Cucamonga | $4 M | | Complete |
| RP-4 1158 Reservoirs | Rancho Cucamonga | $6 M | | Complete |
| Total Completed Projects | | $30 M | $8.9 M | |

| Projects in Design/Planning | Location | Project Cost | Grants | |
|---|---|---|---|---|
| NE Area Projects | Rancho Cucamonga & Fontana | $30 M | $11.2 M | Summer 2010 |
| NW Area Projects | Ontario, Rancho Cucamonga & Upland | $29 M* | $8 M | Fall 2011 |
| Southern Area Projects | Chino & Chino Hills | $20 M | | Pending Approval |
| RP-5 RWPS Expansion | Chino | $1.5 M | | May 2010 |
| Total Projects Design/Planning | | $80.5 M | $19.2 M | |

Note: * are estimates, since final bids have not been received for the project

# PROJECTS CONSTRUCTED in FY 08/09

**San Antonio Channel Pipeline Segment B** – The San Antonio Channel Pipeline (SACP) Segment B is part of Zone 1299 and has a total length of approximately 23,420 lineal feet. This pipeline has an alignment that runs west to east from the intersection of Sultana Street and Granada Street to a discharge point at the San Antonio Channel in the City of Montclair. The alignment is as follows: beginning at the intersection of Sultana Street and Granada Street, the pipeline runs north on Sultana Street, west on 4th Street, south on Vernon Street, west on Orchard Street and ends at the

Discharge point of the San Antonio Channel in the City of Montclair. ***Status: Pipeline construction was completed in June 2008.***

**RP-4 1158/1270 Pump Stations** - The RP-4 1158/1299 Zone Pump Stations are two pump stations supplying the 1158 Zone and 1299 Zone, respectively. The project includes 800 linear feet of 1270 Zone pipeline. The pump stations are located on the south side of RP-4 between the Chlorine Contact Basin and the storm water basins. The 1158 Zone Pump Station is a conversion of 3 existing vertical turbine pumps rated for the 1299 Zone to 1158 Zone as well as the installation of two new vertical turbines. The 1299 Zone Pump station has seven horizontal split case pumps, with supply from the 1158 Zone Pump Station discharge header. The 1299 Zone Pump Station requires the installation of 800 linear feet of 42-inch pipeline from the pump station to Etiwanda Avenue along the south side of the storm water basins. ***Status: Pump stations and pipeline construction was completed in June 2009.***

**RP-4 1158 Zone Pipeline Segment A** - The RP-4 1158 Zone Pipeline Segment A is part of Zone 1158 and has a total length of approximately 1,340 lineal feet. This pipeline has an alignment that runs west from the 1158 Zone Pump Station to the western property of RP-4 then north terminating at 6th Street. The alignment is as follows: beginning at the 1158 Zone Pump Station the pipeline runs west within RP-4 just south of the Chlorine Contact Tanks, north along the western property of RP-4 and terminates on the south side of 6th Street. ***Status: Pipeline construction was completed in June 2008.***

**RP-4 1158 Zone Pipeline Segment B** - The RP-4 1158 Zone Pipeline Segment B is part of Zone 1158 and has a total length of approximately 2,850 linear feet. This pipeline has an alignment that turns west on 6th Street, runs north through a Southern California Edison (SCE) property terminating at the 1158 Reservoirs. The alignment is as follows: beginning at the south side of 6th Street the pipeline runs north to a 40-foot wide dirt road easement within property owned by SCE, then west to the 1158 Reservoirs. ***Status: Pipeline construction was completed in June 2008.***

**RP-4 Reservoirs** - The RP-4 Reservoirs are a part of the 1158 Zone and are two 5.5 MG above ground steel reservoirs. The RP-4 Reservoirs formerly were fuel oil tanks utilized for supplying SCE facilities. IEUA purchased the property and reservoirs and has completed the design to clean, blast, and recoat the inside of both reservoirs to bring into AWWA compliance. The design also included the connection point from RP-4 1158 Zone Pipeline Segment B along with demolition, site improvements, level sensors and security requirements. ***Status: Reservoirs construction was completed in June 2008.***

# *PROJECTS IN PLANNING/DESIGN IN FY 08/09*

**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 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.

***Status: The projects are in the construction phase with an estimated completion date of June 2010.***

**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***. Status: Preliminary design. The projected completion date for the project is September 2011.***

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

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

# 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 10,000 to 15,000 AFY.

# RETAIL PURVEYORS

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

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

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

IEUA's wholesale recycled water rate to its member agencies for FY 2008/09 was $66 per acre-feet. The retail agencies' recycled water rates are summarized below in Table 3:

| **City of Chino** | | | |
|---|---|---|---|
| | Usage (HCF) | | Rate |
| Potable Water | 1 | | $1.08 |
| Recycled Water | 1 | | $0.76 |
| Agriculture | 1 | | $0.38 |
| **City of Chino Hills** | | | |
| | Zone | Usage (HCF) | Rate |
| Potable Water | Low | 1 | $1.43 |
| | Interm. | 1 | $1.70 |
| | High | 1 | $1.74 |
| Recycled Water | Low | 1 | $1.05 |
| | Interm. | 1 | $1.25 |
| | High | 1 | $1.30 |
| Agriculture | N/A | 1 | $0.73 |
| **City of Ontario** | | | |
| | Usage (HCF) | | Rate |
| Potable Water | Up to 15 | | $1.62 |
| | | | $2.04 |
| | Over 15 | | $1.88 |
| | | | $2.31 |
| Recycled Water | Up to 1000 | | $0.97 |
| | Over 1000 | | $0.89 |

Table 3: Potable and Recycled Water Rates by Purveyor

| Monte Vista Water District | | |
|---|---|---|
| | Usage (HCF) | Rate |
| Potable Water | 1 | $1.36 |
| Recycled Water | 1 | $0.94 |
| **Cucamonga Valley Water District** | | |
| | Usage (HCF) | Rate |
| Potable Water | Tier 1 (0-10) | $1.35 |
| | Tier 2 (11-40) | $1.47 |
| | Tier 3 (41-100) | $1.57 |
| | Tier 4 (>100) | $1.67 |
| | Non-residential | $1.49 |
| Recycled Water | 1 | $1.12 |

Table 3: Potable and Recycled Water Rates by Purveyor

# APPENDIX A

## RP-1 and RP-4

## Tables No. 1 Through 11

## Influent, Effluent, & Receiving Water - Monitoring and Compliance Data

## RP-1 Influent Monitoring Data

Table No. 1a

| | Flow* | | | EC | | | pH | | | TDS | | | TOC | | | $BOD_5$ | | | TSS | | | $NH_3$-N (Grab) | | | TIN | $NH_3$-N (comp) | TKN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Avg | Avg |
| Date | MGD | | | µmhos/cm | | | unit | | | mg/L | | | mg/L | | | mg/L | | | mg/L | | | mg/L | | | mg/L | mg/L | mg/L |
| Jan-08 | 34.1 | 30.0 | 44.4 | 910 | 795 | 1,030 | 7.1 | 6.4 | 7.3 | 478 | 444 | 500 | 179 | 139 | 242 | 302 | 229 | 412 | 509 | 157 | 914 | 39.5 | 35.8 | 42.8 | 44.2 | 28.2 | 70.7 |
| Feb-08 | 33.2 | 30.6 | 38.4 | 848 | 790 | 925 | 7.2 | 7.0 | 7.8 | 415 | 406 | 422 | 194 | 166 | 229 | 351 | 277 | 610 | 438 | 61 | 708 | 35.5 | 31.0 | 39.1 | 36.6 | 26.4 | 48.0 |
| Mar-08 | 31.8 | 30.1 | 34.2 | 899 | 820 | 1,150 | 7.0 | 6.7 | 7.2 | 442 | 418 | 488 | 183 | 91 | 250 | 304 | 144 | 394 | 414 | 154 | 715 | 38.8 | 37.3 | 40.3 | 39.1 | 28.4 | 40.7 |
| Apr-08 | 31.3 | 28.7 | 33.7 | 988 | 875 | 1,060 | 6.9 | 6.7 | 7.1 | 494 | 486 | 506 | 190 | 162 | 285 | 329 | 271 | 490 | 420 | 264 | 1,220 | 34.6 | 30.7 | 40.4 | 35.0 | 29.8 | 44.2 |
| May-08 | 30.2 | 28.0 | 32.6 | 903 | 860 | 995 | 6.9 | 6.8 | 7.2 | 476 | 450 | 508 | 177 | 135 | 206 | 296 | 223 | 349 | 365 | 63 | 718 | 36.4 | 28.4 | 40.2 | 36.6 | 29.2 | 49.0 |
| Jun-08 | 31.2 | 29.2 | 33.6 | 911 | 830 | 1,000 | 7.1 | 6.9 | 7.9 | 465 | 440 | 496 | 147 | 97 | 194 | 245 | 155 | 328 | 270 | 56 | 419 | 28.5 | 25.4 | 31.1 | 28.8 | 29.2 | 39.9 |
| Jul-08 | 32.7 | 30.6 | 35.2 | 885 | 790 | 975 | 7.7 | 7.6 | 8.0 | 481 | 466 | 500 | 164 | 117 | 259 | 273 | 190 | 443 | 301 | 164 | 509 | 29.2 | 27.1 | 30.6 | 29.6 | 28.0 | 29.2 |
| Aug-08 | 30.2 | 28.1 | 34.5 | 895 | 860 | 965 | 7.6 | 7.0 | 7.9 | 481 | 458 | 500 | 137 | 121 | 153 | 238 | 198 | 373 | 290 | 100 | 375 | 29.7 | 25.4 | 31.7 | 29.9 | 26.6 | 31.4 |
| Sep-08 | 30.5 | 28.9 | 31.8 | 927 | 855 | 1,030 | 7.3 | 7.0 | 7.9 | 498 | 454 | 570 | 158 | 119 | 187 | 266 | 194 | 315 | 338 | 199 | 607 | 35.1 | 27.7 | 44.3 | 37.5 | 29.5 | 36.1 |
| Oct-08 | 30.9 | 29.8 | 31.9 | 928 | 855 | 1,000 | 7.2 | 7.1 | 7.4 | 475 | 460 | 489 | 163 | 125 | 205 | 304 | 225 | 435 | 411 | 297 | 676 | 41.3 | 25.3 | 85.2 | 41.5 | 31.5 | 47.8 |
| Nov-08 | 31.0 | 27.4 | 33.6 | 909 | 860 | 960 | 7.2 | 7.1 | 7.5 | 452 | 423 | 471 | 181 | 136 | 274 | 332 | 247 | 512 | 421 | 89 | 853 | 25.6 | 18.4 | 32.6 | 25.7 | 27.4 | 48.8 |
| Dec-08 | 31.0 | 26.6 | 39.4 | 898 | 775 | 960 | 7.3 | 7.0 | 7.5 | 470 | 449 | 492 | 172 | 124 | 286 | 311 | 225 | 535 | 461 | 176 | 1,050 | 30.0 | 24.5 | 33.6 | 30.1 | 28.8 | 36.9 |
| **Avg** | **31.5** | **29.0** | **35.3** | **908** | **830** | **1,004** | **7.2** | **6.9** | **7.5** | **469** | **446** | **495** | **170** | **128** | **231** | **296** | **215** | **433** | **387** | **148** | **730** | **33.7** | **28.1** | **41.0** | **34.5** | **28.6** | **43.6** |
| **Min** | **30.2** | **26.6** | **31.8** | **848** | **775** | **925** | **6.9** | **6.4** | **7.1** | **415** | **406** | **422** | **137** | **91** | **153** | **238** | **144** | **315** | **270** | **56** | **375** | **25.6** | **18.4** | **30.6** | **25.7** | **26.4** | **29.2** |
| **Max** | **34.1** | **30.6** | **44.4** | **988** | **875** | **1,150** | **7.7** | **7.6** | **8.0** | **498** | **486** | **570** | **194** | **166** | **286** | **351** | **277** | **610** | **509** | **297** | **1,220** | **41.3** | **37.3** | **85.2** | **44.2** | **31.5** | **70.7** |

***RP-4 recycle flows and RP1-RP-5 bypass flows are subtracted from RP-1 influent flow to show only RP-1 service area flows.**

## RP-4 Influent Monitoring Data

Table No. 1b

| | Flow | | | EC | | | pH | | | TDS | | | TOC | | | $BOD_5$ | | | TSS | | | $NH_3$-N (grab) | | | TIN | $NH_3$-N (comp) | TKN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Avg | Avg |
| Date | MGD | | | µmhos/cm | | | unit | | | mg/L | | | mg/L | | | mg/L | | | mg/L | | | mg/L | | | mg/L | mg/L | mg/L |
| Jan-08 | 5.0 | 3.2 | 5.7 | 935 | 825 | 1,010 | 7.5 | 6.6 | 7.9 | 478 | 460 | 518 | 180 | 135 | 240 | 304 | 223 | 410 | 256 | 100 | 550 | 49.0 | 27.0 | 58.5 | 49.4 | 31.5 | 44.2 |
| Feb-08 | 3.7 | 1.5 | 5.4 | 938 | 730 | 1,220 | 7.5 | 7.3 | 7.6 | 541 | 464 | 580 | 264 | 176 | 348 | 460 | 296 | 602 | 301 | 146 | 525 | 43.5 | 32.9 | 52.0 | 43.6 | 33.7 | 49.3 |
| Mar-08 | 5.3 | 5.1 | 5.5 | 911 | 780 | 1,020 | 7.5 | 7.3 | 7.6 | 441 | 422 | 482 | 166 | 141 | 194 | 276 | 233 | 328 | 207 | 94 | 288 | 48.7 | 46.3 | 49.6 | 48.8 | 32.7 | 37.1 |
| Apr-08 | 5.2 | 4.2 | 5.8 | 917 | 880 | 960 | 7.5 | 7.3 | 7.8 | 448 | 438 | 462 | 157 | 138 | 179 | 262 | 228 | 301 | 217 | 102 | 337 | 50.8 | 47.2 | 53.0 | 51.1 | 30.9 | 40.7 |
| May-08 | 6.0 | 5.5 | 6.4 | 940 | 900 | 1,010 | 7.5 | 7.4 | 7.6 | 488 | 458 | 518 | 163 | 117 | 236 | 277 | 190 | 402 | 215 | 111 | 327 | 51.0 | 47.9 | 53.3 | 51.1 | 30.6 | 51.7 |
| Jun-08 | 5.6 | 4.1 | 6.4 | 949 | 860 | 1,030 | 7.5 | 7.2 | 7.6 | 513 | 464 | 578 | 182 | 151 | 264 | 310 | 251 | 452 | 339 | 68 | 709 | 51.5 | 49.1 | 53.2 | 51.7 | 30.1 | 39.2 |
| Jul-08 | 6.4 | 4.3 | 7.9 | 921 | 870 | 1,060 | 7.4 | 7.1 | 7.5 | 501 | 486 | 516 | 178 | 131 | 260 | 302 | 215 | 445 | 314 | 203 | 548 | 48.3 | 45.2 | 51.5 | 48.8 | 30.6 | 38.2 |
| Aug-08 | 7.3 | 4.4 | 8.6 | 913 | 840 | 1,010 | 7.5 | 7.3 | 7.7 | 517 | 502 | 544 | 149 | 107 | 233 | 247 | 173 | 397 | 250 | 63 | 393 | 50.4 | 49.4 | 51.2 | 50.5 | 30.1 | 31.4 |
| Sep-08 | 7.4 | 6.9 | 8.2 | 900 | 810 | 985 | 7.7 | 6.9 | 7.8 | 465 | 442 | 500 | 155 | 128 | 194 | 263 | 210 | 340 | 209 | 95 | 377 | 49.7 | 47.8 | 53.3 | 49.9 | 28.2 | 51.0 |
| Oct-08 | 7.0 | 6.6 | 7.8 | 937 | 860 | 1,030 | 7.7 | 7.5 | 7.9 | 486 | 450 | 513 | 160 | 122 | 194 | 296 | 220 | 358 | 234 | 127 | 329 | 49.4 | 45.1 | 52.4 | 49.6 | 29.2 | 42.2 |
| Nov-08 | 7.1 | 5.9 | 7.9 | 956 | 800 | 1,230 | 7.5 | 7.4 | 7.7 | 511 | 455 | 618 | 156 | 112 | 193 | 283 | 201 | 356 | 237 | 206 | 317 | 48.4 | 45.8 | 50.9 | 48.5 | 29.4 | - |
| Dec-08 | 7.3 | 6.6 | 8.1 | 974 | 845 | 1,110 | 7.0 | 6.9 | 7.1 | 472 | 440 | 510 | 140 | 104 | 198 | 251 | 163 | 366 | 230 | 50 | 429 | 46.7 | 31.9 | 51.8 | 47.1 | 33.7 | 53.1 |
| **Avg** | **6.1** | **4.9** | **7.0** | **933** | **833** | **1,056** | **7.5** | **7.2** | **7.6** | **489** | **457** | **528** | **171** | **130** | **228** | **294** | **217** | **396** | **251** | **114** | **427** | **49.0** | **43.0** | **52.6** | **49.2** | **30.9** | **43.5** |
| **Min** | **3.7** | **1.5** | **5.4** | **900** | **730** | **960** | **7.0** | **6.6** | **7.1** | **441** | **422** | **462** | **140** | **104** | **179** | **247** | **163** | **301** | **207** | **50** | **288** | **43.5** | **27.0** | **49.6** | **43.6** | **28.2** | **31.4** |
| **Max** | **7.4** | **6.9** | **8.6** | **974** | **900** | **1,230** | **7.7** | **7.5** | **7.9** | **541** | **502** | **618** | **264** | **176** | **348** | **460** | **296** | **602** | **339** | **206** | **709** | **51.5** | **49.4** | **58.5** | **51.7** | **33.7** | **53.1** |

## RP-1 Influent Monitoring Data

**Table No. 2a**

| Date | Arsenic µg/L | Cadmium µg/L | Chromium, Total µg/L | Copper µg/L | Lead µg/L | Mercury µg/L | Nickel µg/L | Silver µg/L | Zinc µg/L | Boron mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Hardness mg/L | Cyanide, Free µg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan-08 | <10 | <10 | <10 | 70 | <20 | <0.5 | <10 | <10 | 210 | 0.2 | 164 | 0.3 | 82 | 179 | 3 |
| Feb-08 | <10 | <10 | <10 | 80 | <20 | <0.5 | <10 | <10 | 270 | 0.2 | 57 | 0.3 | 29 | 188 | - |
| Mar-08 | <10 | <10 | <10 | 70 | <20 | <0.5 | <10 | <10 | 250 | 0.3 | 69 | 0.3 | 28 | 180 | - |
| Apr-08 | <10 | <10 | <10 | 40 | <20 | <0.5 | <10 | <10 | 90 | 0.3 | 100 | 0.3 | 42 | 156 | <2 |
| May-08 | <10 | <10 | <10 | 60 | <20 | <0.5 | <10 | <10 | 170 | 0.3 | 76 | 0.3 | 42 | 170 | - |
| Jun-08 | <10 | <10 | <10 | 50 | <20 | <0.5 | <10 | <10 | 100 | 0.3 | 72 | 0.3 | 37 | 171 | - |
| Jul-08 | <10 | <10 | <10 | 80 | <20 | <0.5 | <10 | <10 | 180 | 0.2 | 73 | 0.3 | 31 | 171 | <2 |
| Aug-08 | <10 | <10 | <10 | 60 | <20 | <0.5 | <10 | <10 | 180 | 0.3 | 84 | 0.3 | 45 | 174 | - |
| Sep-08 | <10 | <10 | <10 | 70 | <20 | <0.5 | <10 | <10 | 190 | 0.3 | 86 | 0.3 | 47 | 174 | - |
| Oct-08 | <10 | <10 | <10 | 100 | <20 | <0.5 | <10 | <10 | 270 | 0.2 | 67 | 0.3 | 32 | 188 | <2 |
| Nov-08 | <10 | <10 | <10 | 70 | <20 | <0.5 | <10 | <10 | 180 | 0.2 | 81 | 0.3 | 45 | 175 | - |
| Dec-08 | <10 | <10 | <10 | 70 | <20 | <0.5 | <10 | <10 | 160 | 0.3 | 79 | 0.4 | 39 | 169 | - |
| **Avg** | **<10** | **<10** | **<10** | **68** | **<20** | **<0.5** | **<10** | **<10** | **188** | **0.3** | **84** | **0.3** | **42** | **175** | **<2** |
| **Min** | **<10** | **<10** | **<10** | **40** | **<20** | **<0.5** | **<10** | **<10** | **90** | **0.2** | **57** | **0.3** | **28** | **156** | **<2** |
| **Max** | **<10** | **<10** | **<10** | **100** | **<20** | **<0.5** | **<10** | **<10** | **270** | **0.3** | **164** | **0.4** | **82** | **188** | **3** |

## RP-4 Influent Monitoring Data

**Table No. 2b**

| Date | Arsenic µg/L | Cadmium µg/L | Chromium, Total µg/L | Copper µg/L | Lead µg/L | Mercury µg/L | Nickel µg/L | Silver µg/L | Zinc µg/L | Boron mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Hardness mg/L | Cyanide, Free µg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan-08 | <10 | <10 | <10 | 70 | <20 | 0.6 | <10 | <10 | 170 | 0.3 | 107 | 0.3 | 46 | 158 | 3 |
| Feb-08 | <10 | <10 | <10 | 100 | <20 | <0.5 | <10 | <10 | 250 | 0.3 | 72 | 0.2 | 23 | 186 | - |
| Mar-08 | <10 | <10 | <10 | 50 | <20 | <0.5 | <10 | <10 | 100 | 0.3 | 83 | 0.2 | 22 | 190 | - |
| Apr-08 | <10 | <10 | <10 | 80 | <20 | <0.5 | <10 | <10 | 160 | 0.3 | 97 | 0.2 | 45 | 156 | <2 |
| May-08 | <10 | <10 | <10 | 50 | <20 | <0.5 | <10 | <10 | 100 | 0.4 | 98 | 0.3 | 75 | 145 | - |
| Jun-08 | <10 | <10 | <10 | 80 | <20 | <0.5 | <10 | <10 | 180 | 0.4 | 94 | 0.2 | 41 | 164 | - |
| Jul-08 | <10 | <10 | <10 | 110 | <20 | 0.6 | <10 | <10 | 240 | 0.4 | 91 | 0.2 | 31 | 175 | <2 |
| Aug-08 | <10 | <10 | <10 | 70 | <20 | <0.5 | <10 | <10 | 160 | 0.4 | 89 | 0.2 | 35 | 159 | - |
| Sep-08 | <10 | <10 | <10 | 90 | <20 | <0.5 | <10 | <10 | 170 | 0.4 | 84 | 0.3 | 38 | 145 | - |
| Oct-08 | <10 | <10 | <10 | 90 | <20 | <0.5 | <10 | <10 | 180 | 0.4 | 85 | 0.3 | 43 | 153 | <2 |
| Nov-08 | <10 | <10 | <10 | 60 | <20 | <0.5 | <10 | <10 | 120 | 0.3 | 86 | 0.3 | 43 | 160 | - |
| Dec-08 | <10 | <10 | <10 | 60 | <20 | <0.5 | <10 | <10 | 110 | 0.3 | 114 | 0.3 | 43 | 150 | - |
| **Avg** | **<10** | **<10** | **<10** | **76** | **<20** | **<0.5** | **<10** | **<10** | **162** | **0.3** | **92** | **0.3** | **40** | **162** | **<2** |
| **Min** | **<10** | **<10** | **<10** | **50** | **<20** | **<0.5** | **<10** | **<10** | **100** | **0.3** | **72** | **0.2** | **22** | **145** | **<2** |
| **Max** | **<10** | **<10** | **<10** | **110** | **<20** | **0.6** | **<10** | **<10** | **250** | **0.4** | **114** | **0.3** | **75** | **190** | **3** |

## 001 Effluent Monitoring Data

**Table No. 3a**

| | Flow | | | EC | | | pH | | | $BOD_5$ | | | | TOC | | | TDS | | | TIN | | | TSS | | | | $NH_3$-N (grab) | | | $NO_3$-N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg Dis | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg Dis | Avg | Min | Max | Avg |
| 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-08 | 6.4 | 0.0 | 9.3 | 862 | 770 | 903 | 7.0 | 6.8 | 7.1 | <2 | <2 | <2 | <0.7 | 6.0 | 3.8 | 7.5 | 510 | 502 | 514 | 6.7 | 5.2 | 7.8 | 1 | <1 | 1 | 0.2 | <0.1 | <0.1 | <0.1 | 6.7 |
| Feb-08 | 5.8 | 4.0 | 7.0 | 816 | 760 | 870 | 7.1 | 7.0 | 7.2 | <2 | <2 | <2 | <0.6 | 6.2 | 5.6 | 6.8 | 487 | 472 | 506 | 6.1 | 3.7 | 10.8 | <1 | <1 | <1 | <0.2 | <0.1 | <0.1 | <0.1 | 5.9 |
| Mar-08 | 4.7 | 0.1 | 7.3 | 843 | 815 | 880 | 7.0 | 6.9 | 7.2 | <2 | <2 | <2 | <0.7 | 6.5 | 6.1 | 6.9 | 543 | 524 | 560 | 6.4 | 4.4 | 7.9 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 6.4 |
| Apr-08 | 4.6 | 0.1 | 7.2 | 858 | 805 | 885 | 7.0 | 6.9 | 7.7 | <2 | <2 | <2 | <0.6 | 6.2 | 5.7 | 7.0 | 518 | 490 | 534 | 6.4 | 4.7 | 7.9 | <1 | <1 | 1 | <0.2 | <0.1 | <0.1 | <0.1 | 6.4 |
| May-08 | 4.8 | 2.4 | 6.5 | 778 | 740 | 885 | 7.0 | 6.9 | 7.2 | <2 | <2 | <2 | <0.7 | 7.3 | 6.0 | 8.5 | 491 | 480 | 502 | 7.4 | 5.8 | 9.0 | <1 | <1 | <1 | <0.6 | <0.1 | <0.1 | <0.1 | 7.4 |
| Jun-08 | 5.1 | 4.2 | 7.5 | 774 | 685 | 835 | 7.0 | 7.0 | 7.1 | <2 | <2 | <2 | <0.9 | 8.0 | 5.6 | 11.3 | 478 | 466 | 490 | 6.5 | 5.1 | 8.1 | <1 | <1 | <1 | <0.9 | <0.1 | <0.1 | 0.1 | 6.5 |
| Jul-08 | 5.1 | 3.8 | 6.1 | 775 | 740 | 840 | 7.0 | 7.0 | 7.1 | <2 | <2 | <2 | <0.8 | 8.0 | 7.2 | 9.3 | 484 | 478 | 492 | 6.6 | 5.0 | 7.6 | <1 | <1 | <1 | <0.4 | <0.1 | <0.1 | <0.1 | 6.6 |
| Aug-08 | 5.0 | 2.3 | 7.1 | 795 | 760 | 850 | 7.3 | 6.9 | 7.4 | 2 | 2 | 2 | 0.9 | 8.7 | 7.3 | 11.0 | 542 | 488 | 684 | 6.4 | 0.2 | 8.0 | <1 | <1 | 1 | <0.4 | <0.1 | <0.1 | <0.1 | 7.0 |
| Sep-08 | 4.8 | 0.1 | 7.1 | 812 | 760 | 900 | 7.4 | 7.3 | 7.9 | <2 | <2 | <2 | 0.8 | 8.4 | 4.4 | 9.6 | 497 | 488 | 516 | 8.8 | 5.8 | 12.2 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 8.8 |
| Oct-08 | 4.0 | 0.1 | 6.3 | 798 | 775 | 835 | 7.3 | 7.0 | 7.8 | 2 | 2 | 2 | 0.7 | 8.6 | 5.9 | 23.6 | 491 | 470 | 519 | 8.2 | 6.8 | 9.1 | <1 | <1 | <1 | <0.2 | <0.1 | <0.1 | <0.1 | 8.2 |
| Nov-08 | 5.2 | 2.7 | 9.0 | 801 | 770 | 835 | 7.2 | 7.1 | 7.3 | <2 | <2 | <2 | 0.6 | 7.6 | 6.9 | 8.5 | 485 | 480 | 493 | 5.3 | 2.8 | 8.5 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 5.3 |
| Dec-08 | 7.7 | 0.1 | 10.7 | 787 | 730 | 845 | 7.3 | 6.8 | 7.4 | <2 | <2 | <2 | <0.7 | 7.0 | 6.3 | 8.6 | 493 | 456 | 543 | 6.6 | 4.7 | 9.4 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 6.6 |
| **Avg** | **5.3** | **1.7** | **7.6** | **808** | **759** | **864** | **7.1** | **7.0** | **7.4** | **<2** | **<2** | **<2** | **<0.7** | **7.4** | **5.9** | **9.9** | **501** | **483** | **529** | **6.8** | **4.5** | **8.9** | **<1** | **<1** | **<1** | **<0.4** | **<0.1** | **<0.1** | **<0.1** | **6.8** |
| **Min** | **4.0** | **0.0** | **6.1** | **774** | **685** | **835** | **7.0** | **6.8** | **7.1** | **<2** | **<2** | **<2** | **<0.6** | **6.0** | **3.8** | **6.8** | **478** | **456** | **490** | **5.3** | **0.2** | **7.6** | **<1** | **<1** | **<1** | **<0.2** | **<0.1** | **<0.1** | **<0.1** | **5.3** |
| **Max** | **7.7** | **4.2** | **10.7** | **862** | **815** | **903** | **7.4** | **7.3** | **7.9** | **2** | **2** | **2** | **0.9** | **8.7** | **7.3** | **23.6** | **543** | **524** | **684** | **8.8** | **6.8** | **12.2** | **1** | **<1** | **1** | **<0.9** | **<0.1** | **<0.1** | **0.1** | **8.8** |

## 002 Effluent Monitoring Data

**Table No. 3b**

| | Flow | | | EC | | | pH | | | $BOD_5$ | | | | TOC | | | TDS | | | TIN | | | TSS | | | | $NH_3$-N (grab) | | | $NO_3$-N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg Dis | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg Dis | Avg | Min | Max | Avg |
| 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-08 | 28.5 | 21.1 | 40.4 | 854 | 765 | 903 | 7.0 | 6.9 | 7.2 | <2 | <2 | <2 | <0.7 | 6.1 | 5.4 | 6.8 | 513 | 502 | 522 | 6.8 | 5.7 | 8.7 | 1 | <1 | 1 | 0.2 | <0.1 | <0.1 | <0.1 | 6.8 |
| Feb-08 | 23.4 | 16.5 | 30.4 | 833 | 780 | 880 | 7.3 | 7.0 | 7.4 | <2 | <2 | <2 | <0.6 | 5.8 | 5.4 | 6.5 | 484 | 474 | 490 | 5.9 | 4.0 | 11.9 | 2 | <1 | 4 | 0.4 | <0.1 | <0.1 | <0.1 | 5.7 |
| Mar-08 | 18.0 | 13.3 | 30.2 | 862 | 825 | 895 | 7.4 | 7.3 | 7.5 | <2 | <2 | <2 | <0.7 | 6.0 | 5.4 | 6.4 | 512 | 496 | 530 | 6.4 | 4.3 | 8.0 | 1 | 1 | 1 | 0.2 | <0.1 | <0.1 | <0.1 | 6.3 |
| Apr-08 | 16.2 | 11.3 | 25.7 | 881 | 825 | 905 | 7.4 | 7.2 | 7.4 | <2 | <2 | <2 | <0.6 | 6.0 | 5.3 | 7.6 | 523 | 494 | 544 | 6.7 | 5.2 | 9.2 | 1 | 1 | 2 | 0.3 | <0.1 | <0.1 | <0.1 | 6.6 |
| May-08 | 13.3 | 9.2 | 18.9 | 802 | 765 | 905 | 7.4 | 7.3 | 7.5 | <2 | <2 | <2 | <0.7 | 6.0 | 5.7 | 6.7 | 492 | 484 | 500 | 7.6 | 5.9 | 8.4 | <1 | <1 | <1 | <0.6 | <0.1 | <0.1 | <0.1 | 7.5 |
| Jun-08 | 14.2 | 9.4 | 20.7 | 794 | 715 | 865 | 7.1 | 7.0 | 7.5 | <2 | <2 | <2 | <0.8 | 5.9 | 5.3 | 9.9 | 476 | 448 | 490 | 6.6 | 5.1 | 8.0 | <1 | <1 | <1 | <0.9 | <0.1 | <0.1 | 0.1 | 6.5 |
| Jul-08 | 14.1 | 10.3 | 21.6 | 799 | 770 | 860 | 7.2 | 7.1 | 7.3 | <2 | <2 | <2 | <0.8 | 5.3 | 4.9 | 5.9 | 484 | 480 | 488 | 6.4 | 4.8 | 7.4 | <1 | <1 | <1 | <0.4 | <0.1 | <0.1 | <0.1 | 6.4 |
| Aug-08 | 12.3 | 7.7 | 23.0 | 820 | 790 | 875 | 7.3 | 6.9 | 7.4 | <2 | <2 | <2 | <0.8 | 5.9 | 5.2 | 6.8 | 495 | 484 | 504 | 6.4 | 0.1 | 7.5 | <1 | <1 | <1 | <0.4 | <0.1 | <0.1 | <0.1 | 6.3 |
| Sep-08 | 13.7 | 6.6 | 23.5 | 841 | 785 | 920 | 7.0 | 6.9 | 7.1 | <2 | <2 | <2 | <0.8 | 5.8 | 4.6 | 7.0 | 499 | 478 | 517 | 8.7 | 6.3 | 12.3 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 8.6 |
| Oct-08 | 16.8 | 9.7 | 22.9 | 826 | 770 | 885 | 7.2 | 7.0 | 7.4 | <2 | <2 | <2 | <0.7 | 6.2 | 5.3 | 15.4 | 498 | 476 | 538 | 7.8 | 5.7 | 8.9 | <1 | <1 | <1 | <0.2 | <0.1 | <0.1 | <0.1 | 7.8 |
| Nov-08 | 21.0 | 12.3 | 28.5 | 823 | 795 | 845 | 7.4 | 7.3 | 7.5 | <2 | <2 | <2 | <0.6 | 5.4 | 5.0 | 5.8 | 496 | 476 | 510 | 5.0 | 2.7 | 7.4 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 4.9 |
| Dec-08 | 17.7 | 15.0 | 19.9 | 810 | 765 | 880 | 7.4 | 7.2 | 7.5 | <2 | <2 | <2 | <0.7 | 5.4 | 4.7 | 6.5 | 488 | 459 | 506 | 6.4 | 4.4 | 9.2 | <1 | <1 | <1 | <0.3 | <0.1 | <0.1 | <0.1 | 6.3 |
| **Avg** | **17.4** | **11.9** | **25.5** | **829** | **779** | **885** | **7.2** | **7.1** | **7.4** | **<2** | **<2** | **<2** | **<0.7** | **5.8** | **5.2** | **7.6** | **496** | **479** | **512** | **6.7** | **4.5** | **8.9** | **<1** | **<1** | **<1** | **<0.4** | **<0.1** | **<0.1** | **<0.1** | **6.7** |
| **Min** | **12.3** | **6.6** | **18.9** | **794** | **715** | **845** | **7.0** | **6.9** | **7.1** | **<2** | **<2** | **<2** | **<0.6** | **5.3** | **4.6** | **5.8** | **476** | **448** | **488** | **5.0** | **0.1** | **7.4** | **<1** | **<1** | **<1** | **<0.2** | **<0.1** | **<0.1** | **<0.1** | **4.9** |
| **Max** | **28.5** | **21.1** | **40.4** | **881** | **825** | **920** | **7.4** | **7.3** | **7.5** | **<2** | **<2** | **<2** | **<0.8** | **6.2** | **5.7** | **15.4** | **523** | **502** | **544** | **8.7** | **6.3** | **12.3** | **2** | **1** | **4** | **<0.9** | **<0.1** | **<0.1** | **0.1** | **8.6** |

## 001 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 |
| 01/19/08 | thru | 01/25/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 02/02/08 | thru | 02/08/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 03/03/08 | thru | 03/09/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 03/31/08 | thru | 04/06/08 | 100 | 1.0 | ^^^^^^^ | 100 | 95 | 1.0 |
| 05/03/08 | thru | 05/09/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 06/02/08 | thru | 06/08/08 | 100 | 1.0 | ^^^^^^^ | 80 | 95 | 1.3 |
| 06/16/08 | thru | 06/22/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 06/30/08 | thru | 07/06/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 08/04/08 | thru | 08/10/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 09/02/08 | thru | 09/08/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 10/27/08 | thru | 11/02/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 11/15/08 | thru | 11/21/08 | Room Temperature Failure | | ^^^^^^^ | | Room Temperature Failure | |
| 12/08/08 | thru | 12/15/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 12/29/08 | thru | 01/04/09 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |

## 002 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 |
| 01/07/08 | thru | 01/12/08 | 100 | 1.0 | ^^^^^^^ | 100 | 95 | 1.0 |
| 02/11/08 | thru | 02/17/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 03/09/08 | thru | 03/15/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 04/07/08 | thru | 04/13/08 | 100 | 1.0 | ^^^^^^^ | 90 | 100 | 1.1 |
| 04/28/08 | thru | 05/03/08 | QC Failure | | ^^^^^^^ | | QC Failure | |
| 05/10/08 | thru | 05/16/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 05/24/08 | thru | 05/30/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 06/09/08 | thru | 06/15/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 07/07/08 | thru | 07/13/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 08/11/08 | thru | 08/17/08 | 100 | 1.0 | ^^^^^^^ | 90 | 100 | 1.1 |
| 08/25/08 | thru | 08/31/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 09/08/08 | thru | 09/14/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 10/27/08 | thru | 11/02/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 11/08/08 | thru | 11/14/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |
| 12/15/08 | thru | 12/19/08 | 100 | 1.0 | ^^^^^^^ | 100 | 100 | 1.0 |

## Effluent Monitoring and Coliform Data

Table No. 5

| | 001 Turbidity | | 002 Turbidity | | 001 Temp | | 002 Temp | | RP-4 Daily Coliform | | RP-4 7-day Median | | 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* | RP-4 FLR | RP-4 DT | RP-4 CT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Avg | Max | Max | Min | Min | Max | Min | Min | Max | Min | Min |
| Date | NTU | | NTU | | °C | | °C | | MPN / 100 mL | | | | | | | | | | | | gpm/ft$^2$ | minutes | mg-min/L | gpm/ft$^3$ | minutes | mg-min/L | gpm/ft$^3$ | minutes | mg-min/L |
| Jan-08 | 1.1 | 1.6 | 0.9 | 1.7 | 21.8 | 22.3 | 18.3 | 20.0 | <2 | 4 | <2 | <2 | <2 | 4 | <2 | 2 | <2 | 4 | <2 | <2 | 4 | 119 | 761 | 6 | 97 | 602 | 3 | 204 | >450 |
| Feb-08 | 1.1 | 1.3 | 0.7 | 0.9 | 21.5 | 22.2 | 18.8 | 20.0 | <2 | 2 | <2 | <2 | <2 | 4 | <2 | 2 | <2 | 2 | <2 | <2 | 4 | 122 | 691 | 5 | 110 | **311** | 3 | 257 | 596 |
| Mar-08 | 1.0 | 1.5 | 0.7 | 0.8 | 22.8 | 23.7 | 19.3 | 21.0 | <2 | <2 | <2 | <2 | <2 | 4 | <2 | <2 | <2 | 2 | <2 | 2 | 4 | 122 | 581 | 5 | 104 | **416** | 2 | 207 | 529 |
| Apr-08 | 0.7 | 1.7 | 0.6 | 0.7 | 24.2 | 25.2 | 19.2 | 21.0 | <2 | <2 | <2 | <2 | <4 | 50 | <2 | 2 | <2 | 4 | <2 | <2 | 4 | 120 | 648 | 5 | 104 | 583 | 3 | 90 | 450 |
| May-08 | 1.1 | 1.3 | 0.6 | 0.8 | 25.5 | 26.4 | 20.6 | 22.0 | <2 | <2 | <2 | <2 | <2 | 4 | <2 | <2 | <2 | 2 | <2 | <2 | 4 | 128 | 570 | 4 | 130 | 622 | 3 | 214 | 698 |
| Jun-08 | 1.0 | 1.2 | 0.7 | 0.7 | 26.7 | 28.1 | 22.3 | 27.7 | <2 | <2 | <2 | <2 | <2 | 4 | <2 | 2 | <2 | 2 | <2 | <2 | 4 | 113 | 505 | 4 | 149 | **440** | 3 | 427 | 678 |
| Jul-08 | 0.8 | 1.1 | 0.6 | 0.8 | 29.1 | 29.3 | 23.6 | 27.8 | <2 | <2 | <2 | <2 | <2 | 4 | <2 | <2 | <2 | 2 | <2 | <2 | 4 | 113 | **448**** | 5 | 144 | **439** | 3 | 314 | 759 |
| Aug-08 | 0.8 | 1.0 | 0.6 | 0.7 | 29.7 | 30.1 | 24.0 | 29.0 | <2 | <2 | <2 | <2 | <2 | 2 | <2 | <2 | <2 | <2 | <2 | <2 | 4 | 121 | 600 | 5 | 174 | 537 | 5 | 232 | 532 |
| Sep-08 | 0.8 | 2.0 | 0.6 | 0.7 | 29.6 | 29.9 | 22.8 | 23.5 | <2 | <2 | <2 | <2 | <2 | 2 | <2 | <2 | <2 | 2 | <2 | <2 | 4 | 124 | 582 | 5 | 178 | 561 | 4 | 257 | >450 |
| Oct-08 | 0.6 | 1.3 | 0.6 | 1.5 | 28.2 | 29.2 | 23.0 | 26.5 | <2 | <2 | <2 | <2 | <2 | 4 | <2 | <2 | <2 | 2 | <2 | 2 | 4 | 132 | 597 | 5 | 146 | 613 | 5 | 192 | >450 |
| Nov-08 | 0.5 | 0.7 | 0.5 | 0.7 | 26.9 | 28.0 | 21.8 | 25.8 | <2 | <2 | <2 | <2 | <2 | 2 | <2 | <2 | <2 | 2 | <2 | 2 | 5 | 134 | 626 | 4 | 132 | 493 | 4 | 244 | 656 |
| Dec-08 | 0.6 | 0.8 | 0.6 | 0.8 | 24.2 | 26.4 | 20.8 | 25.0 | <2 | 2 | <2 | <2 | <2 | 8 | <2 | <2 | <2 | 2 | <2 | <2 | 4 | 123 | 639 | 4 | 134 | 539 | 5 | 199 | 526 |
| **Avg** | **0.9** | **1.3** | **0.6** | **0.9** | **25.9** | **26.7** | **21.2** | **24.1** | **<2** | **<2** | **<2** | **<2** | **<2** | **8** | **<2** | **<2** | **<2** | **2** | **<2** | **<2** | **4** | **123** | **618** | **5** | **133** | **513** | **4** | **236** | **564** |
| **Min** | **0.5** | **0.7** | **0.5** | **0.7** | **21.5** | **22.2** | **18.3** | **20.0** | **<2** | **<2** | **<2** | **<2** | **<2** | **2** | **<2** | **<2** | **<2** | **<2** | **<2** | **<2** | **4** | **113** | **505** | **4** | **97** | **311** | **2** | **90** | **450** |
| **Max** | **1.1** | **2.0** | **0.9** | **1.7** | **29.7** | **30.1** | **24.0** | **29.0** | **<2** | **4** | **<2** | **<2** | **<4** | **50** | **<2** | **2** | **<2** | **4** | **<2** | **2** | **5** | **134** | **761** | **6** | **178** | **622** | **5** | **427** | **759** |

Requirements for disinfected tertiary-treated recycled water Title 22 Compliance: Max: 5 GPM/ft$^2$ filter loading; Min: 450 mg/L-min CT & 90 min DT

* 002 effluent is discharged to Cucamonga Creek and does not need to consistently meet CT, DT, and filter loading rate limits for Title 22 disinfected tertiary recycled water.

** On 7/1/08, the 001 Eff minimum 1-hr avg CT value, 448 mg-min/L, was caused by a bleach pump failure. All other operational indicators were normal during this time. Additional detention time is provided in the pipeline which conveys the recycled water/effluent to the recycled water users/discharge point. 450 mg-min/L CT was easily met prior to delivery to user or being discharged.

## Effluent and Receiving Water Data

Table No. 6

| | 001 $Cl_2$ Residual* | | 002 Cl2 Residual* | | Upstream Cucamonga Creek | | | | | | | Downstream Cucamonga Creek | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Temp | | DO | | pH | | Total Hardness | Temp | | DO | | pH | | |
| | Avg | Max | Avg | Max | Avg | Max | Avg | Min | Min | Max | Avg | Avg | Max | Avg | Min | Min | Max | Discharge Limit |
| | mg/L | | | | °C | | mg/L | | unit | | mg/L | °C | | mg/L | | unit | | Unit |
| Date | | | | | | | | | | | | | | | | | | Date |
| Jan-08 | 0.0 | 0.0 | 0.0 | 0.0 | 21.8 | 22.3 | 10.4 | 8.2 | 7.2 | 9.7 | 74 | 18.3 | 20.0 | 9.8 | 7.6 | 7.1 | 8.7 | Jan-08 |
| Feb-08 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 10.0 | 10.9 | 7.9 | 8.3 | 9.4 | 103 | 12.2 | 17.0 | 10.2 | 7.5 | 7.5 | 9.1 | Feb-08 |
| Mar-08 | 0.0 | 0.0 | 0.0 | 0.0 | 10.2 | 11.0 | 11.4 | 9.6 | 8.7 | 10.3 | 149 | 15.8 | 21.0 | 10.7 | 9.7 | 7.7 | 9.1 | Mar-08 |
| Apr-08 | 0.0 | 0.0 | 0.0 | 0.0 | 11.7 | 14.0 | 10.9 | 10.1 | 8.7 | 9.8 | 161 | 16.8 | 19.0 | 9.5 | 7.2 | 7.7 | 9.4 | Apr-08 |
| May-08 | 0.0 | 0.0 | 0.0 | 0.0 | 18.8 | 24.0 | 10.5 | 8.6 | 9.0 | 10.5 | 126 | 20.0 | 23.0 | 11.3 | 9.7 | 7.7 | 9.1 | May-08 |
| Jun-08 | 0.0 | 0.0 | 0.0 | 0.0 | 23.7 | 26.6 | 10.3 | 9.7 | 8.4 | 10.3 | 97 | 22.9 | 26.6 | 11.1 | 9.1 | 7.5 | 9.8 | Jun-08 |
| Jul-08 | 0.0 | 0.0 | 0.0 | 0.0 | 18.8 | 27.8 | 9.3 | 6.7 | 7.0 | 9.9 | 143 | 21.2 | 27.8 | 9.6 | 6.8 | 7.3 | 9.0 | Jul-08 |
| Aug-08 | 0.0 | 0.0 | 0.0 | 0.0 | 16.8 | 22.0 | 10.2 | 9.0 | 8.3 | 9.1 | 154 | 19.6 | 23.0 | 9.8 | 7.8 | 7.9 | 9.0 | Aug-08 |
| Sep-08 | 0.0 | 0.0 | 0.0 | 3.7** | 19.5 | 23.9 | 9.5 | 8.7 | 8.6 | 10.6 | 117 | 19.2 | 22.5 | 9.1 | 6.9 | 7.8 | 9.2 | Sep-08 |
| Oct-08 | 0.0 | 0.0 | 0.0 | 0.0 | 15.4 | 19.0 | 10.2 | 9.6 | 8.4 | 9.3 | 153 | 19.2 | 24.0 | 10.2 | 9.1 | 7.8 | 9.5 | Oct-08 |
| Nov-08 | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 | 16.0 | 12.2 | 11.6 | 6.7 | 10.7 | 124 | 19.6 | 21.1 | 11.4 | 10.8 | 6.7 | 9.2 | Nov-08 |
| Dec-08 | 0.0 | 0.0 | 0.0 | 0.0 | 16.3 | 24.4 | 11.1 | 8.2 | 7.2 | 10.8 | 99 | 21.9 | 24.4 | 9.8 | 8.2 | 7.4 | 9.1 | Dec-08 |
| **Avg** | **0.0** | **0.0** | **0.0** | **0.0** | **16.4** | **20.1** | **10.6** | **9.0** | **8.0** | **10.0** | **125** | **18.9** | **22.4** | **10.2** | **8.4** | **7.5** | **9.2** | **Avg** |
| **Min** | **0.0** | **0.0** | **0.0** | **0.0** | **9.0** | **10.0** | **9.3** | **6.7** | **6.7** | **9.1** | **74** | **12.2** | **17.0** | **9.1** | **6.8** | **6.7** | **8.7** | **Min** |
| **Max** | **0.0** | **0.0** | **0.0** | **0.0** | **23.7** | **27.8** | **12.2** | **11.6** | **9.0** | **10.8** | **161** | **22.9** | **27.8** | **11.4** | **10.8** | **7.9** | **9.8** | **Max** |

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

**Value inaccurate due to sample pump losing suction. 002 Effluent Z-Chlor unit disabled by instrumentation as it was giving false readings.

## Combined 12-Mo. Run Avg

Table No. 7

| | TIN | TDS |
|---|---|---|
| Discharge Limit | 8 mg/L | 550 mg/L |
| Unit | 12-Mo Run. Avg. | 12-Mo Run. Avg. |
| Date | mg/L | mg/L |
| Jan-08 | 6.6 | 488 |
| Feb-08 | 6.5 | 490 |
| Mar-08 | 6.5 | 493 |
| Apr-08 | 6.5 | 497 |
| May-08 | 6.6 | 499 |
| Jun-08 | 6.6 | 499 |
| Jul-08 | 6.7 | 499 |
| Aug-08 | 6.8 | 501 |
| Sep-08 | 7.0 | 503 |
| Oct-08 | 7.1 | 506 |
| Nov-08 | 6.9 | 503 |
| Dec-08 | 6.7 | 493 |
| **Avg** | **6.7** | **497** |
| **Min** | **6.5** | **488** |
| **Max** | **7.1** | **506** |

## 001 Effluent Monthly Inorganic Data

Table No. 8a

| | Nitrate | Total Hardness | Cadmium | Chromium, Total | Copper | Cyanide, Free* | Lead | Mercury | Selenium | Silver |
|---|---|---|---|---|---|---|---|---|---|---|
| Date | mg/L | mg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Limits | | | | | | 4.2 monthly avg; 8.5 max daily | | | 4.1 monthly avg; 8.2 max daily | |
| Jan-08 | 30 | 140 | <0.25 | 1 | 5 | <2 | <0.5 | <0.2 | <2 | 0.25 |
| Feb-08 | 26 | 147 | <0.25 | 3 | 4 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Mar-08 | 28 | 145 | <0.25 | 1 | 5 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Apr-08 | 28 | 149 | <0.25 | 4 | 4 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| May-08 | 33 | 155 | <0.25 | 2 | 3 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Jun-08 | 29 | 154 | <0.25 | 1 | 3 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Jul-08 | 29 | 159 | <0.25 | 4 | 4 | <2 | <0.5 | <0.2 | <2 | 0.44 |
| Aug-08 | 31 | 157 | <0.25 | 2 | 3 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Sep-08 | 39 | 155 | <0.25 | 1 | 3 | <2 | <0.5 | <0.05 | <2 | <0.25 |
| Oct-08 | 36 | 156 | <0.25 | 1 | 3 | <2 | <0.5 | <0.05 | <2 | <0.25 |
| Nov-08 | 23 | 153 | <0.25 | 2 | 3 | <2 | <0.5 | <0.05 | <2 | 0.29 |
| Dec-08 | 29 | 148 | <0.25 | 1 | 3 | <2 | <0.5 | <0.05 | <2 | <0.25 |
| **Avg** | **30** | **152** | **<0.25** | **2** | **4** | **<2** | **<0.5** | **<0.2** | **<2** | **<0.27** |
| **Min** | **23** | **140** | **<0.25** | **1** | **3** | **<2** | **<0.5** | **<0.1** | **<2** | **<0.25** |
| **Max** | **39** | **159** | **<0.25** | **4** | **5** | **<2** | **<0.5** | **<0.2** | **<2** | **0.44** |

**Free Cyanide effluent limit for 4.2 µg/L monthly average & 8.5 µg/L max daily limit became effective on August 1, 2008. Interim limit before this date was 12 µg/L monthly avg & 24 µg/L daily max.

## 002 Effluent Quarterly Inorganic Data

Table No. 8b

| | Nitrate | Total Hardness | Cadmium | Chromium, Total | Copper | Cyanide, Free | Lead | Mercury | Selenium | Silver |
|---|---|---|---|---|---|---|---|---|---|---|
| Date | mg/L | mg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Limits | | | | | | 4.2 monthly avg; 8.5 max daily | | | 4.1 monthly avg; 8.2 max daily | |
| Jan-08 | 30 | 136 | <0.25 | 3 | 6 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Feb-08 | 25 | 144 | <0.25 | 3 | 5 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Mar-08 | 28 | 150 | <0.25 | 1 | 5 | 3 | <0.5 | <0.2 | 2 | <0.25 |
| Apr-08 | 29 | 146 | <0.25 | 4 | 5 | <2 | <0.5 | <0.2 | <2 | 0.26 |
| May-08 | 33 | 153 | <0.25 | 2 | 3 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Jun-08 | 29 | 154 | <0.25 | 2 | 3 | <2 | <0.5 | <0.2 | <2 | <0.25 |
| Jul-08 | 28 | 157 | <0.25 | 2 | 3 | 2 | <0.5 | <0.2 | <2 | <0.25 |
| Aug-08 | 28 | 147 | <0.25 | 2 | 2 | 2 | <0.5 | <0.2 | <2 | <0.25 |
| Sep-08 | 38 | 162 | <0.25 | 2 | 3 | <2 | <0.5 | <0.05 | <2 | <0.25 |
| Oct-08 | 35 | 157 | <0.25 | 3 | 3 | 2 | <0.5 | <0.05 | <2 | <0.25 |
| Nov-08 | 22 | 156 | <0.25 | 2 | 3 | 2 | <0.5 | <0.05 | <2 | <0.25 |
| Dec-08 | 28 | 149 | <0.25 | 3 | 2 | 2 | <0.5 | <0.05 | <2 | <0.25 |
| **Avg** | **30** | **151** | **<0.25** | **2** | **4** | **2** | **<0.5** | **<0.2** | **<2** | **<0.25** |
| **Min** | **22** | **136** | **<0.25** | **1** | **2** | **<2** | **<0.5** | **<0.1** | **<2** | **<0.25** |
| **Max** | **38** | **162** | **<0.25** | **4** | **6** | **3** | **<0.5** | **<0.2** | **2** | **0.26** |

**Free Cyanide effluent limit for 4.2 µg/L monthly average & 8.5 µg/L max daily limit became effective on August 1, 2008. Interim limit before this date was 7.5 µg/L monthly avg & 15 µg/L daily max.

**001 Effluent Monthly Inorganic Data** **Table No. 8b**

| | Bicarbonate | Boron | Calcium | Carbonate | Chloride | Fluoride | Magnesium | Sodium | Sulfate | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|
| Date | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | µg/L |
| Jan-08 | 126 | 0.3 | 41 | 0 | 123 | 0.3 | 9 | 120 | 66 | 38 |
| Feb-08 | 164 | 0.3 | 43 | 0 | 116 | 0.1 | 9 | 114 | 50 | 35 |
| Mar-08 | 151 | 0.3 | 44 | 0 | 126 | 0.1 | 9 | 120 | 54 | 38 |
| Apr-08 | 148 | 0.3 | 44 | 0 | 124 | 0.2 | 10 | 118 | 55 | 29 |
| May-08 | 147 | 0.3 | 47 | 0 | 106 | 0.2 | 9 | 100 | 46 | 26 |
| Jun-08 | 154 | 0.2 | 47 | 0 | 98 | 0.2 | 9 | 93 | 45 | 23 |
| Jul-08 | 145 | 0.3 | 49 | 0 | 103 | 0.2 | 9 | 96 | 43 | 30 |
| Aug-08 | 147 | 0.3 | 46 | 0 | 106 | 0.2 | 10 | 98 | 45 | 30 |
| Sep-08 | 134 | 0.3 | 46 | 0 | 111 | 0.1 | 10 | 98 | 47 | 25 |
| Oct-08 | 133 | 0.3 | 46 | 0 | 110 | 0.2 | 10 | 100 | 47 | 32 |
| Nov-08 | 150 | 0.3 | 46 | 0 | 114 | 0.2 | 9 | 102 | 49 | 22 |
| Dec-08 | 138 | 0.2 | 45 | 0 | 116 | 0.2 | 8 | 103 | 47 | 22 |
| **Avg** | **145** | **0.3** | **45** | **0** | **113** | **0.2** | **9** | **105** | **49** | **29** |
| **Min** | **126** | **0.2** | **41** | **0** | **98** | **0.1** | **8** | **93** | **43** | **22** |
| **Max** | **164** | **0.3** | **49** | **0** | **126** | **0.3** | **10** | **120** | **66** | **38** |

**002 Effluent Monthly Inorganic Data** **Table No. 9b**

| | Bicarbonate | Boron | Calcium | Carbonate | Chloride | Fluoride | Magnesium | Sodium | Sulfate | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|
| Date | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | µg/L |
| Jan-08 | 125 | 0.3 | 39 | 0 | 124 | 0.3 | 9 | 119 | 67 | 43 |
| Feb-08 | 150 | 0.3 | 42 | 0 | 118 | 0.1 | 9 | 116 | 65 | 36 |
| Mar-08 | 139 | 0.3 | 45 | 0 | 126 | 0.2 | 9 | 129 | 67 | 37 |
| Apr-08 | 133 | 0.3 | 42 | 0 | 128 | 0.2 | 10 | 124 | 76 | 29 |
| May-08 | 132 | 0.3 | 46 | 0 | 108 | 0.2 | 9 | 102 | 65 | 25 |
| Jun-08 | 148 | 0.3 | 47 | 0 | 101 | 0.2 | 9 | 101 | 64 | 22 |
| Jul-08 | 144 | 0.3 | 48 | 0 | 104 | 0.2 | 9 | 103 | 61 | 27 |
| Aug-08 | 138 | 0.3 | 44 | 0 | 107 | 0.2 | 9 | 99 | 62 | 27 |
| Sep-08 | 125 | 0.3 | 48 | 0 | 113 | 0.1 | 10 | 108 | 65 | 22 |
| Oct-08 | 116 | 0.3 | 47 | 0 | 113 | 0.2 | 10 | 109 | 68 | 30 |
| Nov-08 | 144 | 0.3 | 47 | 0 | 116 | 0.2 | 9 | 110 | 62 | 21 |
| Dec-08 | 134 | 0.2 | 45 | 0 | 119 | 0.2 | 9 | 108 | 62 | 18 |
| **Avg** | **135** | **0.3** | **45** | **0** | **115** | **0.2** | **9** | **111** | **65** | **28** |
| **Min** | **116** | **0.2** | **39** | **0** | **101** | **0.1** | **9** | **99** | **61** | **18** |
| **Max** | **150** | **0.3** | **48** | **0** | **128** | **0.3** | **10** | **129** | **76** | **43** |

## 001 Eff. Quarterly Inorganic Data — Table No. 10a

| | Aluminum | Antimony | Arsenic | Barium | Cobalt | Nickel | Zinc |
|---|---|---|---|---|---|---|---|
| Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Limits | | | | | | | |
| Jan-08 | 18 | 0.7 | <2 | 12 | <1 | 3 | 38 |
| Feb-08 | 11 | <0.5 | <2 | 11 | <1 | 2 | 35 |
| Mar-08 | 57 | <0.5 | <2 | 14 | <1 | 2 | 38 |
| Apr-08 | 50 | 0.6 | <2 | 12 | <1 | 2 | 29 |
| May-08 | 62 | <0.5 | <2 | 11 | <1 | 2 | 26 |
| Jun-08 | 72 | 0.7 | <2 | 10 | <1 | 2 | 23 |
| Jul-08 | 114 | 0.9 | <2 | 14 | <1 | 3 | 30 |
| Aug-08 | 109 | 0.7 | <2 | 12 | <1 | 3 | 30 |
| Sep-08 | 92 | 0.6 | <2 | 15 | <1 | 3 | 25 |
| Oct-08 | 89 | <0.5 | <2 | 14 | <1 | 3 | 32 |
| Nov-08 | 28 | 1.0 | <2 | 10 | <1 | 2 | 22 |
| Dec-08 | 43 | 0.7 | <2 | 18 | <1 | 3 | 22 |
| **Avg** | **62** | **0.7** | **<2** | **13** | **<1** | **3** | **29** |
| **Min** | **11** | **<0.5** | **<2** | **10** | **<1** | **2** | **22** |
| **Max** | **114** | **1.0** | **<2** | **18** | **<1** | **3** | **38** |

## 001 Effluent Monthly/Quarterly Organic Data — Table No. 10b

| | Bis (2-ethylhexyl) phthalate* | Pentachloro-phenol | Benzene | Phenolic Compounds | Trihalomethanes |
|---|---|---|---|---|---|
| Date | µg/L | µg/L | µg/L | µg/L | µg/L |
| Limits | 5.9 monthly avg; 11.8 max daily | | | | |
| Jan-08 | <2 | <2 | <1 | <18 | 91 |
| Feb-08 | <2 | <2 | NA | <18 | NR |
| Mar-08 | <2 | <2 | NA | <18 | NR |
| Apr-08 | <2 | <2 | <1 | <18 | 108 |
| May-08 | <2 | <2 | <1 | <18 | 122 |
| Jun-08 | <2 | <2 | <1 | <18 | 112 |
| Jul-08 | <2 | <2 | <1 | <18 | 110 |
| Aug-08 | <2 | <2 | <1 | <18 | 119 |
| Sep-08 | <2 | <2 | <1 | <18 | 119 |
| Oct-08 | <2 | <2 | <1 | <18 | 148 |
| Nov-08 | <2 | <2 | <1 | <18 | 78 |
| Dec-08 | <2 | <2 | <1 | <18 | 78 |
| **Avg** | **<2** | **<2** | **<1** | **<18** | **108** |
| **Min** | **<2** | **<2** | **<1** | **<18** | **78** |
| **Max** | **<2** | **<2** | **<1** | **<18** | **148** |

## 002 Eff. Quarterly Inorganic Data — Table No. 11a

| | Aluminum | Antimony | Arsenic | Barium | Cobalt | Nickel | Zinc |
|---|---|---|---|---|---|---|---|
| Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Limits | | | | | | | |
| Jan-08 | 15 | 0.8 | <2 | 10 | <1 | 3 | 43 |
| Feb-08 | 16 | <0.5 | <2 | 11 | <1 | 2 | 36 |
| Mar-08 | 77 | 0.8 | <2 | 14 | <1 | 2 | 37 |
| Apr-08 | 62 | <0.5 | <2 | 11 | <1 | 2 | 29 |
| May-08 | 72 | <0.5 | <2 | 11 | <1 | 2 | 25 |
| Jun-08 | 69 | 0.6 | <2 | 10 | 2 | 3 | 22 |
| Jul-08 | 92 | 2.2 | <2 | 14 | <1 | 3 | 27 |
| Aug-08 | 78 | 1.2 | <2 | 12 | <1 | 3 | 27 |
| Sep-08 | 57 | 1.0 | <2 | 14 | <1 | 2 | 22 |
| Oct-08 | 66 | 0.5 | <2 | 13 | <1 | 3 | 30 |
| Nov-08 | 24 | 0.5 | <2 | 9 | <1 | 2 | 21 |
| Dec-08 | 30 | 0.7 | <2 | 16 | <1 | 2 | 18 |
| **Avg** | **55** | **0.8** | **<2** | **12** | **<1** | **2** | **28** |
| **Min** | **15** | **<0.5** | **<2** | **9** | **<1** | **2** | **18** |
| **Max** | **92** | **2.2** | **<2** | **16** | **2** | **3** | **43** |

## 002 Effluent Monthly/Quarterly Organic Data — Table No. 11b

| | Bis (2-ethylhexyl) phthalate | Pentachloro-phenol | Benzene | Phenolic Compounds | Trihalomethanes |
|---|---|---|---|---|---|
| Date | µg/L | µg/L | µg/L | µg/L | µg/L |
| Limits | 5.9 monthly avg; 11.8 max daily | | | | |
| Jan-08 | <2 | <2 | <1 | <18 | 71 |
| Feb-08 | <2 | <2 | NA | <18 | NR |
| Mar-08 | <2 | <2 | NA | <18 | NR |
| Apr-08 | <2 | <2 | <1 | <18 | 77 |
| May-08 | <2 | <2 | <1 | <18 | 94 |
| Jun-08 | <2 | <2 | <1 | <18 | 91 |
| Jul-08 | <2 | <2 | <1 | <18 | 117 |
| Aug-08 | <2 | <2 | <1 | <18 | 105 |
| Sep-08 | <2 | <2 | <1 | <18 | 89 |
| Oct-08 | <2 | <2 | <1 | <18 | 108 |
| Nov-08 | <2 | <2 | <1 | <18 | 87 |
| Dec-08 | <2 | <2 | <1 | <18 | 77 |
| **Avg** | **<2** | **<2** | **<1** | **<18** | **92** |
| **Min** | **<2** | **<2** | **<1** | **<18** | **71** |
| **Max** | **<2** | **<2** | **<1** | **<18** | **117** |

# APPENDIX B

## Carbon Canyon Water Reclamation Facility

## Tables No. 1 Through 12

## Influent, Effluent, & Receiving Water - Monitoring and Compliance Data

**INLAND EMPIRE UTILITIES AGENCY**
**Carbon Canyon Water Reclamation Facility, 2008 NPDES Annual Report**
**Influent Monitoring Data**

**Table No. 1**

| Date | Influent Flow | | | EC | | | pH | | | TOC | | | TDS | | | $NH_3$-N* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max |
| | MGD | | | µmhos/cm | | | unit | | | mg/L | | | mg/L | | | mg/L | | |
| Jan-08 | 11.0 | 10.0 | 12.7 | 966 | 850 | 1,020 | 7.4 | 7.0 | 7.8 | 164 | 134 | 210 | 515 | 490 | 534 | 38.0 | 33.9 | 40.8 |
| Feb-08 | 10.9 | 9.8 | 11.4 | 963 | 840 | 1,190 | 7.3 | 7.1 | 7.5 | 151 | 111 | 195 | 474 | 456 | 496 | 36.4 | 30.9 | 41.3 |
| Mar-08 | 10.5 | 8.1 | 11.2 | 983 | 945 | 1,020 | 7.3 | 7.1 | 7.5 | 153 | 75 | 171 | 478 | 464 | 492 | 33.4 | 26.4 | 37.0 |
| Apr-08 | 11.1 | 10.5 | 11.4 | 983 | 940 | 1,025 | 7.2 | 7.1 | 7.4 | 148 | 139 | 163 | 490 | 474 | 514 | 37.5 | 35.1 | 40.8 |
| May-08 | 10.9 | 7.9 | 11.6 | 1,003 | 960 | 1,070 | 7.1 | 6.9 | 7.2 | 157 | 124 | 188 | 541 | 482 | 576 | 36.1 | 33.5 | 39.3 |
| Jun-08 | 11.2 | 10.7 | 11.5 | 1,000 | 870 | 1,120 | 7.1 | 7.0 | 7.2 | 153 | 94 | 185 | 527 | 498 | 562 | 38.6 | 33.5 | 43.6 |
| Jul-08 | 11.1 | 10.4 | 11.5 | 997 | 915 | 1,090 | 7.2 | 7.0 | 7.4 | 147 | 110 | 194 | 543 | 532 | 556 | 32.3 | 29.4 | 34.7 |
| Aug-08 | 10.6 | 9.9 | 11.5 | 993 | 940 | 1,060 | 7.2 | 7.0 | 7.3 | 136 | 99 | 153 | 543 | 534 | 548 | 32.3 | 30.8 | 34.2 |
| Sep-08 | 10.3 | 8.3 | 10.8 | 1,281 | 1,103 | 1,316 | 7.1 | 6.8 | 7.3 | 139 | 104 | 161 | 521 | 492 | 550 | 34.8 | 29.3 | 37.9 |
| Oct-08 | 10.2 | 8.4 | 11.2 | 1,095 | 1,053 | 1,137 | 7.2 | 6.7 | 7.8 | 142 | 110 | 162 | 496 | 489 | 508 | 36.0 | 32.3 | 37.8 |
| Nov-08 | 10.7 | 9.7 | 12.0 | 1,119 | 966 | 1,197 | 7.1 | 6.8 | 7.4 | 141 | 97 | 161 | 482 | 455 | 521 | 32.9 | 24.7 | 37.1 |
| Dec-08 | 10.7 | 10.0 | 11.6 | 1,059 | 954 | 1,096 | 7.3 | 6.8 | 7.5 | 146 | 115 | 170 | 507 | 465 | 541 | 38.1 | 34.6 | 40.2 |
| Avg | 10.8 | 9.5 | 11.5 | 1,037 | 945 | 1,112 | 7.2 | 7.0 | 7.4 | 148 | 109 | 176 | 510 | 486 | 533 | 35.5 | 31.2 | 38.7 |
| Min | 10.2 | 7.9 | 10.8 | 963 | 840 | 1,020 | 7.1 | 6.7 | 7.2 | 136 | 75 | 153 | 474 | 455 | 492 | 32.3 | 24.7 | 34.2 |
| Max | 11.2 | 10.7 | 12.7 | 1,281 | 1,103 | 1,316 | 7.4 | 7.1 | 7.8 | 164 | 139 | 210 | 543 | 534 | 576 | 38.6 | 35.1 | 43.6 |

**Table No. 2**

| Date | TSS | | | | | | $BOD_5$ | | | | | | TIN* | | | $NO_2$-N | $NO_3$-N | TKN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Avg | Avg |
| | mg/L | | | lbs/day | | | mg/L | | | lbs/day | | | mg/L | | | mg/L | | |
| Jan-08 | 278 | 194 | 356 | 25,200 | 18,200 | 33,300 | 275 | 220 | 357 | 24,900 | 20,600 | 32,400 | 38.6 | 34.6 | 40.8 | 0.12 | 0.5 | 43.3 |
| Feb-08 | 224 | 118 | 291 | 20,300 | 10,700 | 27,000 | 257 | 180 | 329 | 23,425 | 16,400 | 30,500 | 36.9 | 31.4 | 41.3 | 0.10 | 0.4 | 32.0 |
| Mar-08 | 241 | 173 | 350 | 21,100 | 15,700 | 31,000 | 254 | 115 | 286 | 22,300 | 10,100 | 26,200 | 33.4 | 26.4 | 37.0 | <0.01 | <0.1 | 35.2 |
| Apr-08 | 236 | 181 | 257 | 21,800 | 16,800 | 24,100 | 246 | 230 | 272 | 22,657 | 21,100 | 25,800 | 38.1 | 35.9 | 41.0 | <0.16 | 0.5 | 28.4 |
| May-08 | 214 | 51 | 320 | 19,900 | 4,800 | 30,000 | 261 | 203 | 317 | 24,062 | 19,000 | 29,700 | 36.3 | 33.5 | 40.1 | <0.13 | 0.2 | 35.5 |
| Jun-08 | 235 | 178 | 286 | 21,800 | 16,600 | 25,600 | 259 | 150 | 332 | 24,069 | 13,600 | 31,300 | 38.7 | 33.7 | 43.6 | <0.01 | <0.1 | 39.4 |
| Jul-08 | 184 | 37 | 257 | 17,300 | 3,500 | 24,100 | 244 | 178 | 328 | 22,929 | 16,100 | 31,400 | 32.6 | 29.4 | 35.3 | <0.03 | <0.3 | 32.3 |
| Aug-08 | 209 | 42 | 295 | 18,400 | 3,700 | 25,500 | 227 | 158 | 275 | 19,900 | 13,800 | 23,100 | 32.7 | 31.0 | 34.7 | <0.01 | 0.4 | 40.0 |
| Sep-08 | 205 | 98 | 259 | 17,200 | 8,200 | 23,100 | 231 | 185 | 269 | 19,415 | 14,300 | 24,000 | 35.0 | 29.6 | 38.3 | <0.07 | <0.2 | 42.5 |
| Oct-08 | 194 | 76 | 312 | 16,500 | 7,000 | 24,000 | 258 | 197 | 297 | 22,246 | 17,800 | 25,900 | 36.3 | 32.5 | 38.1 | 0.18 | 0.2 | 38.4 |
| Nov-08 | 254 | 90 | 499 | 22,800 | 8,200 | 49,900 | 255 | 172 | 296 | 22,750 | 15,900 | 28,000 | 33.0 | 24.7 | 37.1 | 0.11 | <0.1 | 39.7 |
| Dec-08 | 251 | 125 | 325 | 22,300 | 11,300 | 28,800 | 263 | 183 | 313 | 23,392 | 16,200 | 27,900 | 38.4 | 35.3 | 40.3 | 0.06 | <0.3 | 46.9 |
| Avg | 227 | 114 | 317 | 20,383 | 10,392 | 28,867 | 253 | 181 | 306 | 22,670 | 16,242 | 28,017 | 35.8 | 31.5 | 39.0 | <0.08 | 0.3 | 37.8 |
| Min | 184 | 37 | 257 | 16,500 | 3,500 | 23,100 | 227 | 115 | 269 | 19,415 | 10,100 | 23,100 | 32.6 | 24.7 | 34.7 | <0.01 | <0.1 | 28.4 |
| Max | 278 | 194 | 499 | 25,200 | 18,200 | 49,900 | 275 | 230 | 357 | 24,900 | 21,100 | 32,400 | 38.7 | 35.9 | 43.6 | 0.18 | 0.5 | 46.9 |

Notes: * Influent TIN and $NH_3$-N are based on weekly grab samples.

**INLAND EMPIRE UTILITIES AGENCY**
**Carbon Canyon Water Reclamation Facility, 2008 NPDES Annual Report**
**Influent Monitoring Data**

**Table No. 3**

| Date | Boron mg/L | Chloride mg/L | Fluoride mg/L | Sodium mg/L | Sulfate mg/L | Hardness mg/L | Arsenic µg/L | Cadmium µg/L | Copper µg/L | Lead µg/L | Mercury µg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan-08 | 0.29 | 106 | 0.3 | 96 | 52 | 177 | 20 | <10 | 50 | <20 | <0.5 |
| Feb-08 | 0.27 | 98 | 0.2 | 84 | 42 | 178 | <10 | <10 | 50 | <20 | <0.5 |
| Mar-08 | 0.34 | 110 | 0.2 | 96 | 46 | 203 | <10 | <10 | 50 | <20 | <0.5 |
| Apr-08 | 0.32 | 115 | 0.2 | 97 | 69 | 192 | <10 | <10 | 70 | <20 | <0.5 |
| May-08 | 0.38 | 108 | 0.2 | 95 | 54 | 203 | <10 | <10 | 50 | <20 | <0.5 |
| Jun-08 | 0.40 | 107 | 0.2 | 100 | 67 | 213 | <10 | <10 | 60 | <20 | <0.5 |
| Jul-08 | 0.31 | 114 | 0.2 | 101 | 53 | 194 | <10 | <10 | 60 | <20 | <0.5 |
| Aug-08 | 0.36 | 108 | 0.2 | 96 | 48 | 193 | <10 | <10 | 50 | <20 | <0.5 |
| Sep-08 | 0.33 | 130 | 0.2 | 100 | 52 | 215 | <10 | <10 | 80 | <20 | <0.7 |
| Oct-08 | 0.28 | 110 | 0.3 | 93 | 50 | 178 | <10 | <10 | 80 | <20 | <0.5 |
| Nov-08 | 0.30 | 111 | 0.2 | 89 | 47 | 180 | <10 | <10 | 50 | <20 | <0.5 |
| Dec-08 | 0.27 | 101 | 0.2 | 84 | 49 | 183 | <10 | <10 | 50 | <20 | <0.5 |
| Avg | 0.32 | 110 | 0.2 | 94 | 52 | 192 | <11 | <10 | 58 | <20 | <0.5 |
| Min | 0.27 | 98 | 0.2 | 84 | 42 | 177 | <10 | <10 | 50 | <20 | <0.5 |
| Max | 0.40 | 130 | 0.3 | 101 | 69 | 215 | 20 | <10 | 80 | <20 | <0.7 |

**Table No. 4**

| Date | Nickel µg/L | Silver µg/L | Zinc µg/L | Chromium µg/L | Selenium µg/L | Free Cyanide µg/L | Bis (2-ethylhexyl) phthalate µg/L | Chlorpyrifos µg/L | Diazinon µg/L | Lindane µg/L |
|---|---|---|---|---|---|---|---|---|---|---|
| Jan-08 | <10 | <10 | 170 | <10 | <20 | <2 | <10 | 0.04 | 0.20 | <0.05 |
| Feb-08 | <10 | <10 | 150 | <10 | <20 | <2 | <10 | 0.06 | 0.19 | <0.05 |
| Mar-08 | <10 | <10 | 180 | <10 | <20 | 3 | 11 | 0.05 | 0.27 | <0.05 |
| Apr-08 | 40 | <10 | 260 | 20 | <20 | <2 | 12 | 0.09 | 0.37 | <0.05 |
| May-08 | <10 | <10 | 220 | <10 | <20 | <2 | <10 | 0.43 | 1.07 | <0.05 |
| Jun-08 | <10 | <10 | 260 | <10 | <20 | <2 | <10 | 0.05 | 1.01 | <0.05 |
| Jul-08 | <10 | <10 | 190 | <10 | <20 | <2 | <10 | 0.18 | 0.54 | <0.05 |
| Aug-08 | <10 | <10 | 200 | <10 | <20 | 4 | 11 | 0.04 | 0.49 | <0.05 |
| Sep-08 | <10 | <10 | 300 | <10 | <20 | 2 | 10 | 0.04 | 0.33 | <0.05 |
| Oct-08 | <10 | <10 | 200 | <10 | <20 | 2 | 22 | 0.07 | 0.32 | <0.05 |
| Nov-08 | <10 | <10 | 140 | <10 | <20 | <2 | <10 | 0.13 | 1.98 | <0.5 |
| Dec-08 | <10 | <10 | 140 | <10 | <20 | <2 | <10 | 0.05 | 0.18 | <0.05 |
| Avg | <13 | <10 | 201 | <11 | <20 | <2 | <11 | 0.10 | 0.58 | <0.09 |
| Min | <10 | <10 | 140 | <10 | <20 | <2 | <10 | 0.04 | 0.18 | <0.05 |
| Max | 40 | <10 | 300 | 20 | <20 | 4 | 22 | 0.43 | 1.98 | <0.50 |

**INLAND EMPIRE UTILITIES AGENCY**
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**Effluent Monitoring and Compliance Data**

**Table No. 5**

| | Total Flow* | | | Discharged Flow to Creek | | | Reclaimed Flow | | | Utility Water Flow | | | EC | | | pH | | | TOC | | | TDS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | 12-Mon Avg |
| | MGD | | | MGD | | | MGD | | | MGD | | | µmhos/cm | | | unit | | | mg/L | | | mg/L | | | lbs/day |
| **Limits** | | | | | | | | | | | | | | | | 6.5 | | 8.5 | | | | | | | 550 | 52,292 |
| Jan-08 | 10.3 | 9.2 | 12.3 | 10.0 | 8.7 | 12.1 | 0.2 | 0.0 | 0.8 | 0.9 | 0.9 | 1.0 | 860 | 675 | 895 | 6.9 | 6.7 | 7.0 | 4 | 4 | 5 | 506 | 496 | 518 | 524 | 28,700 |
| Feb-08 | 10.2 | 9.3 | 10.8 | 10.0 | 8.6 | 10.8 | 0.1 | 0.0 | 1.3 | 1.2 | 0.9 | 1.8 | 850 | 715 | 885 | 6.9 | 6.8 | 6.9 | 4 | 4 | 4 | 501 | 494 | 506 | 523 | 29,300 |
| Mar-08 | 9.6 | 7.5 | 10.2 | 9.1 | 6.7 | 10.1 | 0.5 | 0.0 | 2.3 | 1.4 | 1.2 | 1.9 | 880 | 860 | 905 | 6.8 | 6.6 | 7.1 | 4 | 4 | 4 | 516 | 506 | 524 | 521 | 30,600 |
| Apr-08 | 9.8 | 9.3 | 10.2 | 8.2 | 5.8 | 9.6 | 1.6 | 0.3 | 4.1 | 1.2 | 1.1 | 1.4 | 888 | 870 | 910 | 7.0 | 7.0 | 7.1 | 5 | 4 | 5 | 524 | 508 | 536 | 521 | 31,800 |
| May-08 | 10.0 | 7.0 | 10.9 | 7.0 | 4.5 | 8.5 | 3.0 | 1.3 | 4.9 | 0.9 | 0.5 | 1.2 | 890 | 870 | 910 | 7.1 | 7.0 | 7.2 | 4 | 4 | 5 | 531 | 510 | 544 | 520 | 32,600 |
| Jun-08 | 10.3 | 9.5 | 10.7 | 4.6 | 3.6 | 6.1 | 5.7 | 4.4 | 6.6 | 0.3 | 0.2 | 0.7 | 911 | 820 | 990 | 7.3 | 7.2 | 7.4 | 4 | 4 | 5 | 539 | 530 | 548 | 521 | 32,500 |
| Jul-08 | 9.7 | 8.6 | 10.7 | 3.8 | 2.4 | 6.6 | 5.9 | 3.6 | 6.9 | 0.8 | 0.2 | 1.2 | 930 | 875 | 1,000 | 7.3 | 7.2 | 7.4 | 5 | 4 | 5 | 554 | 540 | 570 | 522 | 32,500 |
| Aug-08 | 9.5 | 7.2 | 10.2 | 4.0 | 3.1 | 5.5 | 5.6 | 3.2 | 6.6 | 0.5 | 0.2 | 1.2 | 928 | 875 | 985 | 7.3 | 7.0 | 7.5 | 5 | 4 | 5 | 546 | 536 | 554 | 525 | 32,200 |
| Sep-08 | 9.5 | 7.6 | 10.4 | 4.4 | 1.7 | 6.6 | 5.1 | 3.2 | 6.3 | 0.1 | 0.1 | 0.2 | 909 | 845 | 985 | 7.1 | 7.0 | 7.3 | 4 | 4 | 8 | 541 | 526 | 560 | 527 | 31,500 |
| Oct-08 | 9.9 | 7.9 | 10.8 | 6.2 | 1.7 | 8.6 | 3.7 | 1.5 | 6.5 | 0.1 | 0.1 | 0.2 | 892 | 860 | 945 | 7.0 | 6.8 | 7.2 | 4 | 4 | 5 | 532 | 507 | 554 | 527 | 30,900 |
| Nov-08 | 10.1 | 8.9 | 11.1 | 8.8 | 6.6 | 10.4 | 1.3 | 0.0 | 3.4 | 0.5 | 0.1 | 0.9 | 865 | 820 | 885 | 7.0 | 6.8 | 7.1 | 4 | 4 | 4 | 502 | 490 | 515 | 525 | 31,000 |
| Dec-08 | 9.7 | 8.4 | 11.5 | 8.6 | 4.8 | 10.9 | 1.0 | 0.0 | 4.8 | 1.0 | 0.7 | 1.3 | 1,076 | 1,023 | 1,126 | 7.1 | 7.0 | 7.2 | 4 | 3 | 4 | 499 | 486 | 512 | 524 | 44,000 |
| **Avg** | 9.9 | 8.4 | 10.8 | 7.1 | 4.9 | 8.8 | 2.8 | 1.5 | 4.5 | 0.8 | 0.5 | 1.1 | 907 | 842 | 952 | 7.1 | 6.9 | 7.2 | 4 | 4 | 5 | 524 | 511 | 537 | 523 | 32,300 |
| **Min** | 9.5 | 7.0 | 10.2 | 3.8 | 1.7 | 5.5 | 0.1 | 0.0 | 0.8 | 0.1 | 0.1 | 0.2 | 850 | 675 | 885 | 6.8 | 6.6 | 6.9 | 4 | 3 | 4 | 499 | 486 | 506 | 520 | 28,700 |
| **Max** | 10.3 | 9.5 | 12.3 | 10.0 | 8.7 | 12.1 | 5.9 | 4.4 | 6.9 | 1.4 | 1.2 | 1.9 | 1,076 | 1,023 | 1,126 | 7.3 | 7.2 | 7.5 | 5 | 4 | 8 | 554 | 540 | 570 | 527 | 44,000 |

* Contact Basin Flow includes flow to creek, reclaimed flow and utility water flow.

**Table No. 6**

| | $BOD_5$ | | | | | | TSS | | | | | | % Discharge | | $NO_3$-N | | | $NH_3$-N | | TIN | | | | | TKN | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Mo. Avg | Avg Weekly | | Avg | Min | Max | Mo. Avg | Avg Weekly | | Daily Max. | | Avg | Min | Max | Mo. Avg | | Avg | Min | Max | 12-Mon Avg | | Avg | Max |
| | mg/L | | | lbs/day | mg/L | lbs/day | mg/L | | | lbs/day | mg/L | lbs/day | BOD | TSS | mg/L | | | mg/L | lbs/day | mg/L | | | | lbs/day | mg/L | |
| **Limits** | 20 | | | 1,902 | 30 | 2,852 | 20 | | | 1,902 | 30 | 2,852 | 15% | | | | | 4.5 | 428 | | | | 8 | 761 | | |
| Jan-08 | <2 | <2 | <2 | <168 | <2 | <168 | <1 | <1 | 1 | <84 | <1 | <84 | <0.9 | <0.5 | 7.0 | 5.9 | 7.6 | <0.1 | <9 | 7.0 | 5.9 | 8.0 | 6.6 | 371 | 0.5 | 0.6 |
| Feb-08 | <2 | <2 | <2 | <167 | <2 | <167 | <1 | <1 | 1 | <83 | <1 | <83 | <1.1 | <0.8 | 6.4 | 5.0 | 7.4 | <0.1 | <8 | 6.4 | 5.0 | 7.4 | 6.6 | 387 | 0.7 | 0.8 |
| Mar-08 | <2 | <2 | <2 | <152 | <2 | <152 | <1 | <1 | 1 | <76 | <1 | <76 | <1.7 | <0.6 | 6.9 | 5.6 | 8.6 | <0.1 | <8 | 6.9 | 5.6 | 8.6 | 6.8 | 408 | 0.5 | 0.7 |
| Apr-08 | <2 | <2 | <2 | <137 | <2 | <137 | <1 | <1 | 2 | <70 | <1 | <70 | <0.9 | <0.6 | 7.7 | 6.4 | 8.5 | <0.1 | <7 | 7.8 | 6.5 | 8.6 | 6.9 | 430 | 0.2 | 0.6 |
| May-08 | <2 | <2 | <2 | <117 | <2 | <117 | <1 | <1 | 1 | <58 | <1 | <58 | <1.0 | <2.0 | 7.7 | 6.5 | 8.9 | <0.1 | <6 | 7.8 | 6.5 | 8.9 | 7.1 | 443 | 1.0 | 1.6 |
| Jun-08 | <2 | <2 | <2 | <77 | <2 | <77 | <1 | <1 | 2 | <40 | <1 | <40 | <1.3 | <0.6 | 6.8 | 5.7 | 7.9 | <0.1 | <4 | 6.8 | 5.7 | 7.9 | 7.0 | 437 | 0.6 | 1.0 |
| Jul-08 | <2 | <2 | <2 | <64 | <2 | <64 | <1 | <1 | 1 | <32 | <1 | <32 | <1.1 | <2.7 | 6.7 | 5.3 | 8.3 | <0.1 | <3 | 6.8 | 5.3 | 8.3 | 7.1 | 440 | 0.5 | 0.5 |
| Aug-08 | <2 | <2 | <2 | <66 | <2 | <66 | <1 | <1 | 2 | <34 | <1 | <34 | <1.3 | <2.4 | 5.3 | 4.3 | 5.9 | <0.1 | <3 | 5.3 | 4.4 | 6.1 | 7.0 | 432 | 1.1 | 1.2 |
| Sep-08 | <2 | <2 | <2 | <74 | <2 | <74 | <1 | <1 | 3 | <39 | <1 | <39 | <1.1 | 1.3 | 5.7 | 4.5 | 6.2 | <0.1 | <4 | 5.7 | 4.5 | 6.3 | 6.9 | 419 | 0.5 | 0.8 |
| Oct-08 | <2 | <2 | <2 | <103 | <2 | <103 | <1 | <1 | 3 | <57 | <1 | <57 | <1.0 | <1.3 | 5.9 | 5.2 | 6.9 | <0.1 | <5 | 5.9 | 5.2 | 6.9 | 6.8 | 410 | 0.6 | 0.9 |
| Nov-08 | <2 | <2 | <2 | <147 | <2 | <147 | <1 | <1 | 4 | <84 | <1 | <84 | <1.2 | <1.1 | 6.0 | 4.6 | 6.9 | <0.1 | <7 | 6.0 | 4.7 | 6.9 | 6.7 | 404 | 0.4 | 0.4 |
| Dec-08 | <2 | <2 | <2 | <144 | <2 | <144 | <1 | <1 | 2 | <73 | <1 | <73 | <1.1 | <0.8 | 6.1 | 5.2 | 7.1 | <0.1 | <7 | 6.2 | 5.2 | 7.2 | 6.5 | 390 | 1.4 | 2.7 |
| **Avg** | <2 | <2 | <2 | <118 | <2 | <118 | <1 | <1 | 2 | <61 | <1 | <61 | <1.1 | <1.2 | 6.5 | 5.4 | 7.5 | <0.1 | <6 | 6.5 | 5.4 | 7.6 | 6.8 | 414 | 0.7 | 1.0 |
| **Min** | <2 | <2 | <2 | <64 | <2 | <64 | <1 | <1 | 1 | <32 | <1 | <32 | <0.9 | <0.5 | 5.3 | 4.3 | 5.9 | <0.1 | <3 | 5.3 | 4.4 | 6.1 | 6.5 | 371 | 0.2 | 0.4 |
| **Max** | <2 | <2 | <2 | <168 | <2 | <168 | <1 | <1 | 4 | <84 | <1 | <84 | <1.7 | <2.7 | 7.7 | 6.5 | 8.9 | <0.1 | <9 | 7.8 | 6.5 | 8.9 | 7.1 | 443 | 1.4 | 2.7 |

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**Effluent Toxicity Monitoring and Compliance Data**

**Table No. 7**

| | | | CHRONIC TOXICITY - SURVIVAL | | | | CHRONIC TOXICITY - REPRODUCTION | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Ceriodaphnia dubia* | | | | *Ceriodaphnia dubia* | | | |
| START DATE | | END DATE | NOEC | TUc | 2-Mo. Median TUc | | NOEC | IC25 | TUc | 2-Mo. Median TUc |
| 01/19/08 | thru | 01/25/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 02/02/08 | thru | 02/08/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 03/03/08 | thru | 03/09/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 03/31/08 | thru | 04/06/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 05/03/08 | thru | 05/09/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 06/02/08 | thru | 06/08/08 | 100 | 1.0 | 1.0 | <<<>>> | 70 | 96 | 1.4 | 1.2 |
| 06/16/08 | thru | 06/22/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 06/30/08 | thru | 07/06/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 08/05/08 | thru | 08/11/08 | 100 | 1.0 | 1.0 | <<<>>> | 90 | 100 | 1.1 | 1.1 |
| 08/17/08 | thru | 08/24/08 | 100 | 1.0 | 1.0 | <<<>>> | 70 | 100 | 1.4 | 1.1 |
| 09/02/08 | thru | 09/08/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.1 |
| 09/15/08 | thru | 09/21/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 10/29/08 | thru | 11/04/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 11/15/08 | thru | 11/20/08 | Room Temperature Failure | | | | | | | |
| 12/15/08 | thru | 12/21/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |

**Effluent Monitoring and Compliance Data** **Table No. 8**

| | Coliform Daily | | Coliform 7 day median | | Chlorine Residual | | Turbidity | | Temp. | | D.O. | | Filter Loading Rate | Detention Time | CT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Max | Avg | Max | AM Max | PM Max | Avg | Max | Avg | Max | Avg | Min | Max | Min | Min |
| | MPN/100 mL | | | | mg/L | | NTU | | °C | | mg/L | | $gpm/ft^2$ | minutes | mg-min/L |
| Jan-08 | <2 | 4 | <2 | 2 | 0.0 | 0.0 | 0.5 | 0.6 | 20.2 | 20.5 | 6.7 | 6.5 | 2 | 108 | 477 |
| Feb-08 | <2 | 4 | <2 | <2 | 0.0 | 0.0 | 0.6 | 0.7 | 20.2 | 20.8 | 6.6 | 6.4 | 2 | 105 | 534 |
| Mar-08 | <2 | 2 | <2 | 2 | 0.0 | 0.0 | 0.6 | 0.9 | 21.4 | 22.0 | 7.0 | 6.1 | 2 | 109 | 530 |
| Apr-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.4 | 0.7 | 22.3 | 23.5 | 6.1 | 5.1 | 2 | 111 | 509 |
| May-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.4 | 0.7 | 23.5 | 24.0 | 4.5 | 2.0 | 2 | 110 | 503 |
| Jun-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.4 | 0.6 | 25.0 | 26.0 | 4.8 | 2.4 | 2 | 115 | 521 |
| Jul-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.4 | 0.7 | 24.3 | 27.5 | 4.8 | 2.2 | 2 | 118 | 483 |
| Aug-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.5 | 0.7 | 26.9 | 28.5 | 6.0 | 5.0 | 2 | 118 | 29* |
| Sep-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.4 | 0.5 | 23.0 | 27.0 | 6.7 | 6.0 | 3** | 120 | 586 |
| Oct-08 | <2 | <2 | <2 | <2 | 0.0 | 0.0 | 0.9 | 1.3 | 20.2 | 25.0 | 6.7 | 5.0 | 2 | 114 | 510 |
| Nov-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.5 | 0.7 | 22.6 | 23.0 | 7.6 | 7.2 | 2 | 115 | 505 |
| Dec-08 | <2 | 2 | <2 | <2 | 0.0 | 0.0 | 0.5 | 0.8 | 21.0 | 23.0 | 8.4 | 7.6 | 2 | 97 | 550 |
| **Max** | <2 | 4 | <2 | 2 | 0.0 | 0.0 | 0.9 | 1.3 | 26.9 | 28.5 | 8.4 | 7.6 | 2 | 97 | 477 |

*During this time effluent gate was closed
** On 9/5/08, the maximum filter loading rate that is reported above was calculated based on two filters, even though three filters were online during that time.

**Receiving Water Monitoring and Compliance Data** **Table No. 9**

| | Chino Creek Upstream | | | | | | | Chino Creek Downstream | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D.O. | Temp. | pH | TIN | $NO_3$-N | TDS | Hardness | Min D.O. | Max Temp. | pH | TIN | $NO_3$-N | TDS | Hardness |
| | mg/L | °C | unit | mg/L | mg/L | mg/L | mg/L | mg/L | °C | unit | mg/L | mg/L | mg/L | mg/L |
| Jan-08 | 10.8 | 8.0 | 7.0 | 3.9 | 3.7 | 804 | 380 | 6.5 | 20.0 | 6.7 | 7.6 | 7.4 | 527 | 180 |
| Feb-08 | 10.8 | 10.0 | 7.3 | 3.1 | 3.1 | 903 | 457 | 6.2 | 20.5 | 6.8 | 6.8 | 6.8 | 523 | 178 |
| Mar-08 | 10.0 | 10.9 | 7.3 | 2.2 | 2.2 | 842 | 348 | 6.4 | 21.0 | 6.8 | 7.9 | 7.9 | 512 | 169 |
| Apr-08 | 10.7 | 13.2 | 7.0 | 2.1 | 2.0 | 802 | 482 | 7.4 | 22.8 | 6.8 | 5.9 | 5.8 | 542 | 170 |
| May-08 | 9.7 | 15.4 | 7.2 | 1.4 | 1.2 | 840 | 414 | 6.6 | 22.0 | 6.9 | 4.7 | 4.7 | 538 | 265 |
| Jun-08 | 9.5 | 21.0 | 7.3 | 2.6 | 2.4 | 862 | 468 | 6.4 | 28.0 | 7.0 | 5.2 | 5.1 | 548 | 184 |
| Jul-08 | 9.0 | 18.5 | 7.2 | 2.0 | 1.9 | 858 | 438 | 6.3 | 24.0 | 7.1 | 3.1 | 3.0 | 682 | 338 |
| Aug-08 | 8.6 | 18.8 | 7.2 | 2.8 | 2.6 | 700 | 386 | 5.4 | 27.5 | 6.8 | 5.7 | 5.5 | 572 | 169 |
| Sep-08 | 7.9 | 18.8 | 6.9 | 2.0 | 1.9 | 734 | 412 | 7.2 | 24.8 | 6.9 | 2.5 | 1.9 | 668 | 370 |
| Oct-08 | 7.5 | 16.2 | 7.0 | 2.6 | 2.5 | 784 | 469 | 7.0 | 24.5 | 6.9 | 2.4 | 2.3 | 792 | 456 |
| Nov-08 | 11.2 | 13.1 | 7.1 | 3.7 | 3.8 | 735 | 440 | 7.0 | 24.0 | 6.8 | 6.3 | 6.2 | 512 | 160 |
| Dec-08 | 10.6 | 11.3 | 7.3 | 3.1 | 2.9 | 848 | 416 | 7.5 | 23.0 | 6.9 | 6.4 | 6.3 | 495 | 104 |
| **Avg** | 9.7 | 14.6 | 7.1 | 2.6 | 2.5 | 809 | 426 | 6.7 | 23.5 | 6.9 | 5.4 | 5.2 | 576 | 229 |
| **Min** | 7.5 | 8.0 | 6.9 | 1.4 | 1.2 | 700 | 348 | 5.4 | 20.0 | 6.7 | 2.4 | 1.9 | 495 | 104 |
| **Max** | 11.2 | 21.0 | 7.3 | 3.9 | 3.8 | 903 | 482 | 7.5 | 28.0 | 7.1 | 7.9 | 7.9 | 792 | 456 |

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**Effluent Monitoring and Compliance Data**

**Monthly Grabs and Composites** **Table No. 10**

| | Bicarbonate | | Boron (B) | | Calcium | | Carbonate | | Chloride (Cl) | | Fluoride (F) | | Iron (Fe) | | Magnesium | | Manganese (Mn) | | Nitrate | | Sodium (Na) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | µg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day |
| Jan-08 | 115 | 10,011 | 0.3 | 25 | 46 | 4,039 | 0 | 0 | 133 | 11,587 | 0.2 | 17 | 45 | 3.9 | 10 | 898 | 8 | 0.7 | 31 | 2644 | 111 | 9,645 |
| Feb-08 | 128 | 10,796 | 0.3 | 28 | 51 | 4,345 | 0 | 0 | 131 | 11,095 | <0.1 | <8 | 51 | 4.3 | 12 | 995 | 3 | 0.3 | 28 | 2388 | 111 | 9,382 |
| Mar-08 | 119 | 9,935 | 0.3 | 25 | 52 | 4,352 | 0 | 0 | 144 | 12,011 | <0.1 | <8 | 53 | 4.4 | 11 | 917 | 4 | 0.3 | 30 | 2435 | 111 | 9,304 |
| Apr-08 | 126 | 8,400 | 0.3 | 22 | 51 | 3,400 | 0 | 0 | 142 | 9,467 | 0.2 | 13 | 63 | 4.2 | 12 | 800 | 4 | 0.3 | 34 | 2809 | 112 | 7,467 |
| May-08 | 115 | 8,119 | 0.4 | 25 | 52 | 3,646 | 0 | 0 | 137 | 9,672 | 0.2 | 11 | 56 | 4.0 | 13 | 890 | 8 | 0.6 | 34 | 2856 | 110 | 7,787 |
| Jun-08 | 131 | 6,142 | 0.3 | 14 | 53 | 2,485 | 0 | 0 | 131 | 6,142 | 0.2 | 9 | 52 | 2.4 | 12 | 563 | 8 | 0.4 | 30 | 2576 | 107 | 5,017 |
| Jul-08 | 131 | 4,725 | 0.3 | 12 | 51 | 1,854 | 0 | 0 | 141 | 5,085 | 0.2 | 7 | 61 | 2.2 | 13 | 463 | 5 | 0.2 | 30 | 2418 | 119 | 4,308 |
| Aug-08 | 128 | 4,045 | 0.3 | 11 | 46 | 1,453 | 0 | 0 | 140 | 4,422 | 0.1 | 3 | 50 | 1.6 | 12 | 386 | 4 | 0.1 | 23 | 1855 | 109 | 3,460 |
| Sep-08 | 117 | 1,973 | 0.3 | 6 | 50 | 847 | 0 | 0 | 141 | 2,378 | 0.1 | 2 | 38 | 0.6 | 13 | 219 | 5 | 0.1 | 25 | 1997 | 121 | 2,041 |
| Oct-08 | 115 | 1,650 | 0.3 | 4 | 50 | 718 | 0 | 0 | 135 | 1,937 | 0.2 | 3 | 46 | 0.7 | 12 | 169 | 10 | 0.1 | 26 | 2149 | 115 | 1,654 |
| Nov-08 | 133 | 10,489 | 0.3 | 23 | 49 | 3,899 | 0 | 0 | 130 | 10,253 | 0.2 | 16 | 53 | 4.2 | 11 | 850 | 6 | 0.5 | 27 | 2232 | 110 | 8,706 |
| Dec-08 | 128 | 8,814 | 0.3 | 18 | 50 | 3,440 | 0 | 0 | 130 | 8,952 | 0.2 | 14 | 49 | 3.4 | 10 | 717 | 7 | 0.5 | 27 | 2196 | 105 | 7,211 |
| **Avg** | 124 | 7,092 | 0.3 | 18 | 50 | 2,873 | 0 | 0 | 136 | 7,750 | 0.2 | 10 | 51 | 3.0 | 12 | 656 | 6 | 0.3 | 29 | 2380 | 112 | 6,332 |
| **Min** | 115 | 1,650 | 0.3 | 4 | 46 | 718 | 0 | 0 | 130 | 1,937 | 0.1 | 2 | 38 | 0.6 | 10 | 169 | 3 | 0.1 | 23 | 1855 | 105 | 1,654 |
| **Max** | 133 | 10,796 | 0.4 | 28 | 53 | 4,352 | 0 | 0 | 144 | 12,011 | 0.2 | 17 | 63 | 4.4 | 13 | 995 | 10 | 0.7 | 34 | 2856 | 121 | 9,645 |

**Monthly Grabs and Composites with Effluent Limitations** **Table No. 11**

| | Sulfate ($SO_4$) | | Total Hardness | | T.R.Cadmium | | T.R. Chromium | | T.R. Copper | | T.R. Lead | | T.R. Mercury | | T.R. Selenium | | T.R. Silver | | T.R. Zinc | | Free Cyanide* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mg/L | lbs/day | mg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day |
| **Limits** | | | | | | | **8.2** | **0.78** | | | | | | | **4.1** | **0.39** | | | | | **4.3** | **0.76** |
| Jan-08 | 67 | 5,798 | 158 | 13,784 | <0.25 | <0.02 | 2 | 0.16 | 6 | 0.5 | <0.5 | <0.04 | <0.2 | <0.02 | <2 | <0.17 | 0.65 | 0.06 | 37 | 3.2 | 3 | 0.26 |
| Feb-08 | 65 | 5,466 | 177 | 14,950 | <0.25 | <0.02 | 2 | 0.14 | 5 | 0.4 | <0.5 | <0.04 | <0.2 | <0.02 | <2 | <0.17 | <0.25 | <0.02 | 36 | 3.0 | <2 | <0.2 |
| Mar-08 | 64 | 5,312 | 175 | 14,643 | <0.25 | <0.02 | 1 | 0.08 | 6 | 0.5 | <0.5 | <0.04 | <0.2 | <0.02 | <2 | <0.17 | <0.25 | <0.02 | 37 | 3.1 | <2 | <0.2 |
| Apr-08 | 71 | 4,733 | 177 | 11,784 | <0.25 | <0.02 | 2 | 0.11 | 6 | 0.4 | <0.5 | <0.03 | <0.2 | <0.01 | <2 | <0.13 | <0.25 | <0.02 | 35 | 2.3 | <2 | <0.1 |
| May-08 | 75 | 5,278 | 181 | 12,769 | <0.25 | <0.02 | 2 | 0.13 | 6 | 0.4 | 0.5 | 0.04 | <0.2 | <0.01 | <2 | <0.14 | <0.25 | <0.02 | 33 | 2.3 | <2 | <0.1 |
| Jun-08 | 73 | 3,423 | 182 | 8,522 | <0.25 | <0.01 | 2 | 0.10 | 6 | 0.3 | <0.5 | <0.02 | <0.2 | <0.01 | <2 | <0.09 | <0.25 | <0.01 | 36 | 1.7 | <2 | <0.1 |
| Jul-08 | 77 | 2,777 | 181 | 6,535 | <0.25 | <0.01 | 2 | 0.05 | 8 | 0.3 | <0.5 | <0.02 | <0.2 | <0.01 | <2 | <0.07 | 0.88 | 0.03 | 45 | 1.6 | <2 | <0.1 |
| Aug-08 | 73 | 2,296 | 165 | 5,217 | <0.25 | <0.01 | 2 | 0.05 | 6 | 0.2 | <0.5 | <0.02 | <0.2 | <0.01 | <2 | <0.06 | <0.25 | <0.01 | 45 | 1.4 | <2 | <0.1 |
| Sep-08 | 84 | 1,417 | 179 | 3,017 | <0.25 | <0.004 | 1 | 0.02 | 7 | 0.1 | <0.5 | <0.01 | <0.05 | <0.001 | <2 | <0.03 | <0.25 | <0.004 | 39 | 0.7 | <2 | <0.03 |
| Oct-08 | 79 | 1,133 | 174 | 2,490 | <0.25 | <0.004 | 3 | 0.05 | 6 | 0.1 | <0.5 | <0.01 | <0.05 | <0.001 | <2 | <0.03 | <0.25 | <0.004 | 39 | 0.6 | <2 | <0.03 |
| Nov-08 | 65 | 5,126 | 168 | 13,236 | <0.25 | <0.020 | 1 | 0.08 | 6 | 0.5 | <0.5 | <0.04 | <0.05 | <0.004 | <2 | <0.16 | <0.25 | <0.020 | 36 | 2.8 | <2 | <0.16 |
| Dec-08 | 63 | 4,338 | 168 | 11,543 | <0.25 | <0.017 | 2 | 0.12 | 7 | 0.5 | <0.5 | <0.03 | <0.05 | <0.003 | <2 | <0.14 | <0.25 | <0.017 | 36 | 2.5 | <2 | <0.14 |
| **Avg** | 71 | 3,925 | 174 | 9,874 | <0.25 | <0.01 | 2 | 0.09 | 6 | 0.3 | <0.5 | <0.03 | <0.2 | <0.01 | <2 | <0.11 | <0.34 | <0.01 | 38 | 2.1 | <2 | <0.1 |
| **Min** | 63 | 1,133 | 158 | 2,490 | <0.25 | <0.00 | 1 | 0.02 | 5 | 0.1 | <0.5 | <0.01 | <0.1 | <0.001 | <2 | <0.03 | <0.25 | <0.00 | 33 | 0.6 | <2 | <0.03 |
| **Max** | 84 | 5,798 | 182 | 14,950 | <0.25 | <0.02 | 3 | 0.16 | 8 | 0.5 | 0.5 | <0.04 | <0.2 | <0.02 | <2 | <0.17 | 0.88 | <0.02 | 45 | 3.2 | 3 | 0.26 |

*Free Cyanide monthly average effluent limit for 4.3 µg/L became effective on August 1, 2008. Interim limit before this date was 8 µg/L.

**INLAND EMPIRE UTILITIES AGENCY**
**Carbon Canyon Water Reclamation Facility, 2008 NPDES Annual Report**
**Effluent Monitoring and Compliance Data**

**Quarterly Grabs and Composites without Effluent Limitations** **Table No. 12**

| | Arsenic | | Barium (Ba) | | Cobalt | | T.R. Nickel | | Tetrachloroethylene | | Endosulfan I | | Halomethanes | | Lindane | | Bis(2-ethylhexyl) phthalate | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Month** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** | **µg/L** | **lbs/day** |
| Jan-08 | <2 | <0.17 | 8 | 0.7 | <1 | <0.09 | 4 | 0.3 | <1 | <0.09 | <0.01 | <0.0009 | 18 | 1.5 | <0.01 | <0.0009 | <2 | <0.17 |
| Feb-08 | <2 | <0.17 | 9 | 0.8 | <1 | <0.08 | 3 | 0.3 | - | - | <0.01 | <0.0008 | - | - | <0.01 | <0.0008 | <2 | <0.17 |
| Mar-08 | <2 | <0.17 | 11 | 0.9 | <1 | <0.08 | 20 | 1.7 | - | - | <0.01 | <0.0008 | - | - | <0.01 | <0.0008 | <2 | <0.17 |
| Apr-08 | 2 | 0.13 | 10 | 0.7 | <1 | <0.07 | 12 | 0.8 | <1 | <0.07 | <0.01 | <0.0007 | 23 | 1.9 | <0.01 | <0.0007 | <2 | <0.13 |
| May-08 | <2 | <0.14 | 8 | 0.6 | <1 | <0.07 | 10 | 0.7 | <1 | <0.07 | - | - | 23 | 1.9 | - | - | <2 | <0.13 |
| Jun-08 | <2 | <0.09 | 9 | 0.4 | <1 | 0.05 | 4 | 0.2 | <1 | <0.05 | - | - | 23 | - | - | - | <2 | <0.09 |
| Jul-08 | 2 | 0.07 | 9 | 0.3 | <1 | <0.04 | 14 | 0.5 | <1 | <0.04 | <0.01 | <0.0003 | 26 | 2.1 | <0.01 | <0.0003 | <2 | <0.06 |
| Aug-08 | <2 | <0.06 | 9 | 0.3 | <1 | <0.03 | 4 | 0.1 | <1 | <0.03 | - | - | 25 | 2.0 | - | - | <2 | <0.06 |
| Sep-08 | <2 | <0.03 | 11 | 0.2 | <1 | <0.02 | 3 | 0.1 | <1 | <0.02 | - | - | 16 | 1.2 | - | - | <2 | <0.03 |
| Oct-08 | 2 | 0.03 | 11 | 0.2 | <1 | <0.01 | 3 | 0.0 | <1 | <0.05 | <0.01 | <0.0002 | 32 | 2.6 | <0.01 | <0.0002 | <2 | <0.05 |
| Nov-08 | <2 | <0.16 | 11 | 0.9 | <1 | <0.08 | 3 | 0.2 | <1 | <0.08 | - | - | 30 | 2.5 | - | - | <2 | <0.16 |
| Dec-08 | <2 | <0.14 | 13 | 0.9 | <1 | <0.07 | 2 | 0.1 | <1 | <0.07 | - | - | 28 | 2.2 | - | - | <2 | <0.14 |
| **Avg** | <2 | <0.12 | 10 | 0.6 | <1 | <0.06 | 7 | 0.4 | <1 | <0.06 | <0.01 | <0.0006 | 24 | 2.0 | <0.01 | <0.0006 | <2 | <0.11 |
| **Min** | <2 | 0.03 | 8 | 0.2 | <1 | <0.01 | 2 | 0.0 | <1 | <0.02 | <0.01 | <0.0002 | 16 | 1.2 | <0.01 | <0.0002 | <2 | <0.03 |
| **Max** | 2 | <0.17 | 13 | 0.9 | 1 | <0.09 | 20 | 1.7 | <1 | <0.09 | <0.01 | <0.0009 | 32 | 2.6 | <0.01 | <0.0009 | <2 | <0.17 |

# APPENDIX C

## RP-5

## Tables No. 1 Through 11

## Influent, Effluent, & Receiving Water - Monitoring and Compliance Data

**INLAND EMPIRE UTILITIES AGENCY**
**Regional Water Recycling Plant No. 5, 2008 NPDES Annual Report**
**Influent Monitoring Data**

**Table No. 1**

| Date | Total Inf. Flow | | | RP-5 Inf. PS Flow | | | RP-2 Lift Stn. Flow | | | EC | | | pH | | | TOC | | | TDS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max |
| | MGD | | | | | | | | | µmhos/cm | | | unit | | | mg/L | | | mg/L | | |
| Jan-08 | 12.9 | 10.1 | 17.2 | 9.7 | 7.0 | 13.8 | 3.2 | 2.9 | 3.5 | 901 | 758 | 1,007 | 7.2 | 6.8 | 7.5 | 116 | 101 | 131 | 493 | 477 | 511 |
| Feb-08 | 13.0 | 11.8 | 14.0 | 10.0 | 9.1 | 11.1 | 3.0 | 2.6 | 3.3 | 843 | 776 | 971 | 7.1 | 6.6 | 7.4 | 126 | 98 | 143 | 482 | 464 | 497 |
| Mar-08 | 12.5 | 10.0 | 14.9 | 9.6 | 7.2 | 11.9 | 2.9 | 2.7 | 3.1 | 865 | 726 | 1,003 | 7.3 | 6.8 | 7.5 | 111 | 90 | 123 | 487 | 474 | 498 |
| Apr-08 | 12.3 | 10.6 | 13.9 | 9.5 | 8.1 | 10.9 | 2.8 | 2.6 | 3.0 | 808 | 701 | 1,076 | 7.4 | 7.1 | 7.5 | 109 | 99 | 119 | 496 | 475 | 512 |
| May-08 | 13.2 | 11.3 | 16.8 | 10.3 | 8.6 | 13.5 | 2.9 | 2.7 | 3.3 | 847 | 710 | 1,023 | 7.7 | 6.9 | 8.2 | 117 | 98 | 143 | 504 | 499 | 512 |
| Jun-08 | 13.0 | 11.0 | 14.0 | 10.1 | 8.4 | 10.9 | 2.9 | 2.6 | 3.1 | 898 | 726 | 1,071 | 7.2 | 6.8 | 7.6 | 116 | 113 | 117 | 498 | 473 | 525 |
| Jul-08 | 10.2 | 9.0 | 13.0 | 7.5 | 6.6 | 9.8 | 2.6 | 2.4 | 3.2 | 971 | 754 | 1,108 | 7.2 | 6.3 | 7.4 | 111 | 95 | 127 | 534 | 510 | 580 |
| Aug-08 | 12.0 | 9.7 | 13.6 | 9.3 | 7.2 | 10.8 | 2.7 | 2.5 | 2.8 | 921 | 768 | 1,089 | 7.2 | 6.8 | 7.4 | 127 | 104 | 160 | 558 | 511 | 679 |
| Sep-08 | 11.7 | 9.9 | 14.4 | 8.9 | 7.3 | 11.4 | 2.8 | 2.6 | 3.1 | 973 | 743 | 1,222 | 7.2 | 6.9 | 7.3 | 127 | 107 | 153 | 511 | 500 | 532 |
| Oct-08 | 10.5 | 8.5 | 12.7 | 7.8 | 6.2 | 9.9 | 2.6 | 2.4 | 2.9 | 985 | 794 | 1,198 | 7.3 | 7.1 | 7.4 | 128 | 99 | 163 | 503 | 492 | 512 |
| Nov-08 | 11.7 | 9.1 | 14.4 | 9.0 | 6.6 | 11.5 | 2.7 | 2.5 | 2.9 | 1,167 | 925 | 1,465 | 7.2 | 7.0 | 7.4 | 136 | 101 | 157 | 478 | 461 | 498 |
| Dec-08 | 15.3 | 12.4 | 17.7 | 12.5 | 9.9 | 14.6 | 2.8 | 2.6 | 3.0 | 1,315 | 1,013 | 1,462 | 7.2 | 7.1 | 7.4 | 136 | 100 | 159 | 503 | 479 | 531 |
| Avg | 12.3 | 10.3 | 14.7 | 9.5 | 7.7 | 11.7 | 2.8 | 2.6 | 3.1 | 958 | 783 | 1,141 | 7.3 | 6.8 | 7.5 | 122 | 101 | 141 | 504 | 485 | 532 |
| Min | 10.2 | 8.5 | 12.7 | 7.5 | 6.2 | 9.8 | 2.6 | 2.4 | 2.8 | 808 | 701 | 971 | 7.1 | 6.3 | 7.3 | 109 | 90 | 117 | 478 | 461 | 497 |
| Max | 15.3 | 12.4 | 17.7 | 12.5 | 9.9 | 14.6 | 3.2 | 2.9 | 3.5 | 1,315 | 1,013 | 1,465 | 7.7 | 7.1 | 8.2 | 136 | 113 | 163 | 558 | 511 | 679 |

**Table No. 2**

| Date | TSS | | | | | | $BOD_5$ | | | | | | $NH_3$-N (grab) | | | TIN | | | $NO_2$-N | $NO_3$-N | TKN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Avg | Avg |
| | mg/L | | | lbs/day | | | mg/L | | | lbs/day | | | mg/L | | | mg/L | | | mg/L | | |
| Jan-08 | 226 | 194 | 268 | 22,700 | 17,400 | 26,600 | 182 | 150 | 215 | 18,033 | 13,300 | 22,800 | 47.0 | 37.9 | 53.9 | 47.6 | 38.5 | 54.4 | 0.11 | 0.5 | 43.3 |
| Feb-08 | 265 | 157 | 367 | 28,200 | 16,900 | 38,900 | 242 | 157 | 385 | 26,040 | 16,900 | 42,300 | 40.5 | 37.9 | 41.7 | 40.8 | 38.9 | 41.8 | 0.02 | 0.4 | 30.5 |
| Mar-08 | 207 | 87 | 270 | 20,800 | 8,800 | 27,900 | 181 | 142 | 202 | 18,200 | 14,200 | 21,500 | 40.6 | 34.3 | 47.5 | 40.8 | 34.3 | 47.5 | 0.02 | 0.3 | 34.8 |
| Apr-08 | 166 | 77 | 204 | 14,300 | 6,100 | 16,700 | 180 | 159 | 199 | 15,617 | 13,900 | 18,200 | 42.3 | 36.3 | 45.2 | 42.5 | 36.6 | 45.4 | 0.07 | 0.3 | 32.3 |
| May-08 | 197 | 171 | 236 | 18,100 | 16,200 | 20,800 | 190 | 157 | 236 | 17,440 | 14,400 | 20,800 | 41.4 | 37.2 | 46.4 | 41.7 | 37.5 | 46.4 | 0.03 | 0.3 | 40.0 |
| Jun-08 | 220 | 174 | 287 | 19,100 | 14,400 | 24,100 | 197 | 183 | 224 | 17,025 | 16,100 | 18,600 | 36.9 | 34.2 | 40.7 | 37.2 | 34.6 | 40.7 | 0.03 | 0.3 | 35.8 |
| Jul-08 | 135 | 61 | 212 | 8,700 | 5,200 | 13,400 | 181 | 152 | 208 | 11,917 | 9,400 | 17,500 | 35.8 | 30.8 | 44.6 | 35.9 | 31.2 | 44.6 | 0.01 | 0.2 | 34.5 |
| Aug-08 | 345 | 188 | 691 | 28,900 | 13,900 | 61,600 | 192 | 128 | 268 | 15,760 | 10,800 | 23,900 | 34.0 | 31.2 | 37.0 | 34.1 | 31.5 | 37.0 | 0.01 | 0.2 | 36.7 |
| Sep-08 | 268 | 215 | 359 | NR | NR | NR | 213 | 173 | 255 | NR | NR | NR | 36.4 | 35.1 | 38.3 | 29.9 | 26.4 | 33.3 | <0.01 | <0.2 | 43.9 |
| Oct-08 | 267 | 125 | 356 | NR | NR | NR | 229 | 176 | 298 | NR | NR | NR | 37.0 | 35.0 | 39.4 | 30.5 | 26.5 | 35.6 | <0.07 | <0.4 | 41.9 |
| Nov-08 | 289 | 171 | 430 | NR | NR | NR | 239 | 148 | 288 | NR | NR | NR | 30.0 | 26.0 | 33.5 | 28.1 | 26.1 | 32.0 | <0.15 | <0.3 | 41.6 |
| Dec-08 | 355 | 278 | 463 | NR | NR | NR | 252 | 200 | 291 | NR | NR | NR | 35.3 | 31.8 | 39.1 | 32.0 | 27.6 | 37.7 | 0.29 | 0.4 | 46.0 |
| Avg | 245 | 158 | 345 | 20,100 | 12,363 | 28,750 | 207 | 160 | 256 | 17,504 | 13,625 | 23,200 | 38.1 | 34.0 | 42.3 | 36.8 | 32.5 | 41.4 | 0.10 | 0.3 | 38.4 |
| Min | 135 | 61 | 204 | 8,700 | 5,200 | 13,400 | 180 | 128 | 199 | 11,917 | 9,400 | 17,500 | 30.0 | 26.0 | 33.5 | 28.1 | 26.1 | 32.0 | <0.01 | 0.2 | 30.5 |
| Max | 355 | 278 | 691 | 28,900 | 17,400 | 61,600 | 252 | 200 | 385 | 26,040 | 16,900 | 42,300 | 47.0 | 37.9 | 53.9 | 47.6 | 38.9 | 54.4 | 0.29 | 0.5 | 46.0 |

RP-5 Influent Monitoring Data is calculated by flow-weighting RP-2 Lift Station flows and RP-5 Pump Station flows.

**INLAND EMPIRE UTILITIES AGENCY**
**Regional Water Recycling Plant No. 5, 2008 NPDES Annual Report**
**Influent Monitoring Data**

**Table No. 3**

| Date | Boron mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Hardness mg/L | Arsenic µg/L | Cadmium µg/L | Copper µg/L | Lead µg/L | Mercury µg/L |
|---|---|---|---|---|---|---|---|---|---|---|
| Jan-08 | 0.26 | 110 | 0.2 | 48 | 204 | <10 | <10 | 50 | <20 | <1 |
| Feb-08 | 0.26 | 106 | 0.2 | 45 | 196 | <10 | <10 | 47 | <20 | <1 |
| Mar-08 | 0.31 | 114 | 0.2 | 45 | 207 | <10 | <10 | 68 | <20 | <1 |
| Apr-08 | 0.24 | 112 | 0.2 | 42 | 204 | <10 | <10 | 58 | <20 | <1 |
| May-08 | 0.30 | 106 | 0.2 | 41 | 196 | <10 | <10 | 54 | <20 | <1 |
| Jun-08 | 0.30 | 102 | 0.2 | 42 | 193 | <10 | <10 | 52 | <20 | <1 |
| Jul-08 | 0.23 | 104 | 0.2 | 33 | 237 | <10 | <10 | 82 | <20 | <1 |
| Aug-08 | 0.23 | 108 | 0.2 | 41 | 212 | <10 | <10 | 35 | <20 | <1 |
| Sep-08 | 0.38 | 103 | 0.2 | 40 | 187 | <10 | <10 | 80 | <20 | <0.5 |
| Oct-08 | 0.30 | 118 | 0.3 | 47 | 189 | <10 | <10 | 140 | <20 | <0.5 |
| Nov-08 | 0.25 | 115 | 0.2 | 44 | 201 | <10 | <10 | 60 | <20 | <0.5 |
| Dec-08 | 0.29 | 104 | 0.2 | 40 | 205 | <10 | <10 | 80 | <20 | <0.5 |
| Avg | 0.28 | 108 | 0.2 | 42 | 203 | <10 | <10 | 67 | <20 | <0.8 |
| Min | 0.23 | 102 | 0.2 | 33 | 187 | <10 | <10 | 35 | <20 | <0.5 |
| Max | 0.38 | 118 | 0.3 | 48 | 237 | <10 | <10 | 140 | <20 | <1 |

**Table No. 4**

| Date | Nickel µg/L | Silver µg/L | Zinc µg/L | Chromium µg/L | Selenium µg/L | Free Cyanide µg/L | Bis (2-ethylhexyl) phthalate µg/L | Chlorpyrifos µg/L | Diazinon µg/L | Lindane µg/L |
|---|---|---|---|---|---|---|---|---|---|---|
| Jan-08 | <10 | <10 | 147 | <10 | <20 | <2 | <10 | 0.06 | 0.18 | <0.05 |
| Feb-08 | <10 | <10 | 104 | <10 | <20 | <2 | <10 | 0.06 | 0.29 | <0.05 |
| Mar-08 | <10 | <10 | 152 | <10 | <20 | <2 | <10 | 0.05 | 0.22 | <0.05 |
| Apr-08 | <10 | <10 | 139 | <10 | <20 | <2 | 12 | 0.11 | 0.49 | <0.05 |
| May-08 | <10 | <10 | 137 | <10 | <20 | <2 | 15 | 0.09 | 0.39 | <0.05 |
| Jun-08 | <10 | <10 | 115 | <10 | <20 | <2 | <10 | 0.06 | 0.27 | <0.05 |
| Jul-08 | <33 | <10 | 210 | <10 | <20 | <2 | <12 | 0.05 | 0.32 | <0.05 |
| Aug-08 | <10 | <10 | 87 | <10 | <20 | <2 | <10 | 0.04 | 0.39 | <0.05 |
| Sep-08 | <10 | <10 | 170 | <10 | <20 | <2 | NR | NR | NR | <0.05 |
| Oct-08 | 10 | <10 | 190 | <10 | <20 | <2 | NR | NR | NR | NR |
| Nov-08 | <10 | <10 | 100 | <10 | <20 | <2 | NR | NR | NR | NR |
| Dec-08 | <10 | <10 | 170 | <10 | <20 | <2 | NR | NR | NR | NR |
| Avg | <12 | <10 | 144 | <10 | <20 | <2 | <11 | 0.06 | 0.32 | <0.05 |
| Min | <10 | <10 | 87 | <10 | <20 | <2 | <10 | 0.04 | 0.18 | <0.05 |
| Max | <33 | <10 | 210 | <10 | <20 | <2 | 15 | 0.11 | 0.49 | <0.05 |

RP-5 Influent Monitoring Data is calculated by flow-weighting RP-2 Lift Station flows and RP-5 Pump Station flows.

**INLAND EMPIRE UTILITIES AGENCY**
**Regional Water Recycling Plant No. 5, 2008 NPDES Annual Report**
**Effluent Monitoring and Compliance Data**

**Table No. 5**

| | Eff Flow to Creek | | | Total Effluent Flow | | | EC | | | pH | | | TOC | | | TDS | | | | | $NO_3$-N | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | 12-Mon Avg | | Avg | Min | Max |
| | MGD | | | MGD | | | µmhos/cm | | | unit | | | mg/L | | | mg/L | | | | lbs/day | | | |
| **Limits** | | | | | | | | | | | 6.5 | 8.5 | | | | | | | 550 | 68,805 | | | |
| Jan-08 | 11.0 | 8.0 | 14.5 | 12.5 | 9.5 | 16.0 | 1,003 | 831 | 1,170 | 7.0 | 6.6 | 7.5 | 4 | 3 | 4 | 510 | 492 | 536 | 504 | 45,800 | 6.7 | 3.5 | 11.7 |
| Feb-08 | 11.5 | 10.4 | 12.7 | 13.0 | 11.9 | 14.2 | 1,035 | 964 | 1,133 | 7.2 | 6.9 | 7.4 | 4 | 3 | 4 | 506 | 496 | 516 | 504 | 45,600 | 7.5 | 5.1 | 12.6 |
| Mar-08 | 10.9 | 8.3 | 13.0 | 11.8 | 9.5 | 14.0 | 1,031 | 992 | 1,069 | 7.1 | 6.9 | 7.3 | 4 | 3 | 4 | 508 | 496 | 514 | 505 | 45,700 | 6.9 | 4.8 | 9.4 |
| Apr-08 | 10.3 | 9.0 | 12.2 | 11.3 | 9.9 | 12.8 | 1,070 | 1,034 | 1,109 | 7.2 | 7.0 | 7.5 | 4 | 4 | 5 | 512 | 502 | 522 | 505 | 45,600 | 6.4 | 4.8 | 8.7 |
| May-08 | 11.7 | 8.4 | 14.9 | 12.7 | 9.2 | 15.6 | 1,070 | 1,025 | 1,108 | 7.3 | 7.0 | 7.5 | 4 | 4 | 5 | 500 | 498 | 502 | 505 | 45,600 | 6.4 | 4.6 | 8.3 |
| Jun-08 | 11.4 | 10.3 | 13.1 | 12.5 | 11.4 | 14.2 | 1,093 | 1,063 | 1,118 | 7.2 | 6.9 | 7.4 | 4 | 4 | 5 | 496 | 492 | 498 | 504 | 46,200 | 7.4 | 5.8 | 10.1 |
| Jul-08 | 8.4 | 6.2 | 11.5 | 9.5 | 7.3 | 12.4 | 1,142 | 1,103 | 1,171 | 7.3 | 7.0 | 7.7 | 4 | 4 | 5 | 512 | 498 | 532 | 504 | 45,800 | 4.5 | 3.4 | 6.7 |
| Aug-08 | 9.9 | 7.1 | 11.7 | 10.7 | 8.1 | 12.7 | 1,046 | 970 | 1,156 | 7.4 | 7.2 | 7.7 | 4 | 4 | 5 | 509 | 498 | 518 | 507 | 45,500 | 4.8 | 3.4 | 10.1 |
| Sep-08 | 9.5 | 7.6 | 12.4 | 10.5 | 8.6 | 13.4 | 1,000 | 975 | 1,035 | 7.4 | 7.1 | 7.7 | 4 | 4 | 5 | 517 | 506 | 530 | 508 | NR | 8.5 | 5.6 | 11.8 |
| Oct-08 | 9.2 | 7.3 | 11.2 | 9.2 | 7.3 | 11.2 | 958 | 918 | 1,015 | 7.3 | 7.1 | 7.6 | 4 | 3 | 5 | 497 | 480 | 510 | 506 | NR | 5.2 | 3.3 | 7.6 |
| Nov-08 | 11.2 | 8.7 | 13.8 | 12.2 | 9.7 | 14.8 | 1,063 | 947 | 1,116 | 7.2 | 7.1 | 7.5 | 4 | 3 | 5 | 500 | 495 | 505 | 506 | NR | 6.5 | 4.1 | 8.8 |
| Dec-08 | 11.9 | 7.7 | 14.1 | 12.6 | 7.7 | 15.2 | 1,030 | 940 | 1,088 | 7.1 | 6.9 | 7.3 | 4 | 3 | 4 | 502 | 466 | 544 | 506 | NR | 6.0 | 2.5 | 8.3 |
| **Avg** | 10.6 | 8.2 | 12.9 | 11.5 | 9.2 | 13.9 | 1,045 | 980 | 1,107 | 7.2 | 7.0 | 7.5 | 4 | 3 | 5 | 506 | 493 | 519 | 505 | 45,725 | 6.4 | 4.2 | 9.5 |
| **Min** | 8.4 | 6.2 | 11.2 | 9.2 | 7.3 | 11.2 | 958 | 831 | 1,015 | 7.0 | 6.6 | 7.3 | 4 | 3 | 4 | 496 | 466 | 498 | 504 | 45,500 | 4.5 | 2.5 | 6.7 |
| **Max** | 11.9 | 10.4 | 14.9 | 13.0 | 11.9 | 16.0 | 1,142 | 1,103 | 1,171 | 7.4 | 7.2 | 7.7 | 4 | 4 | 5 | 517 | 506 | 544 | 508 | 46,200 | 8.5 | 5.8 | 12.6 |

**Table No. 6**

| | $BOD_5$ | | | | | | TSS | | | | | | % Discharge | | $NH_3$-N | | TIN | | | | | $NO_2$-N | TKN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Min | Max | Mo. Avg | Avg. Weekly | | Avg | Min | Max | Mo. Avg | Avg. Weekly | | Daily Max. | | Mo. Avg | | Avg | Min | Max | 12-Mon Avg | | Avg | Avg |
| | mg/L | | | lbs/day | mg/L | lbs/day | mg/L | | | lbs/day | mg/L | lbs/day | BOD | TSS | mg/L | lbs/day | mg/L | | | | lbs/day | mg/L | |
| **Limits** | **20** | | | **2,502** | **30** | **3,753** | **20** | | | **2,502** | **30** | **3,753** | **15%** | | **4.5** | **563** | | | | **8** | **1,001** | | |
| Jan-08 | <2 | <2 | 2 | <208 | <2 | <208 | 2 | <1 | 6 | 250 | 2 | 250 | 1.1 | 1.8 | <0.2 | <16.7 | 6.7 | 3.5 | 11.7 | 5.1 | 503 | <0.02 | 0.7 |
| Feb-08 | <2 | <2 | <2 | <217 | <2 | <217 | 2 | <1 | 4 | 182 | 2 | 182 | <1.3 | 0.9 | <0.1 | <10.6 | 7.5 | 5.1 | 12.6 | 5.2 | 518 | <0.01 | 0.4 |
| Mar-08 | <2 | <2 | <2 | <197 | <2 | <197 | 2 | 1 | 4 | 159 | 2 | 159 | <1.3 | 2.7 | <0.1 | <9.7 | 6.9 | 4.8 | 9.4 | 5.1 | 521 | <0.02 | 0.3 |
| Apr-08 | <2 | <2 | <2 | <188 | <2 | <188 | 2 | <1 | 4 | 143 | 2 | 143 | <1.2 | 2.8 | <0.1 | <9.6 | 6.5 | 4.8 | 8.8 | 5.4 | 544 | 0.03 | 0.7 |
| May-08 | <2 | <2 | <2 | <211 | <2 | <211 | 2 | <1 | 6 | 174 | 2 | 174 | <1.1 | 1.8 | <0.1 | <11.2 | 6.4 | 4.6 | 8.3 | 5.6 | 565 | 0.03 | 0.4 |
| Jun-08 | <2 | <2 | <2 | <208 | <2 | <208 | 2 | <1 | 6 | 174 | 2 | 174 | <1.0 | 0.8 | <0.1 | <10.4 | 7.4 | 5.8 | 10.1 | 5.9 | 594 | <0.01 | 0.6 |
| Jul-08 | <2 | <2 | <2 | <158 | <2 | <158 | 2 | <1 | 11 | 156 | 2 | 156 | <1.3 | 4.8 | <0.2 | <13.0 | 4.7 | 3.4 | 6.8 | 5.9 | 593 | 0.06 | 0.9 |
| Aug-08 | <2 | <2 | 6 | <190 | <2 | <190 | 2 | <1 | 14 | 179 | 2 | 179 | 4.0 | 0.8 | <0.1 | <8.5 | 4.9 | 3.5 | 10.2 | 6.0 | 592 | 0.09 | 0.8 |
| Sep-08 | <2 | <2 | <2 | NR | <2 | NR | 1 | <1 | 6 | NR | 1 | NR | <1.0 | 0.8 | <0.1 | 0.8 | 8.6 | 5.6 | 12.0 | 6.3 | NR | 0.07 | 0.8 |
| Oct-08 | <2 | <2 | 3 | NR | <2 | NR | 2 | <1 | 8 | NR | 2 | NR | 1.7 | <1.1 | <0.1 | <1.1 | 5.2 | 3.3 | 7.6 | 6.4 | NR | <0.01 | 0.9 |
| Nov-08 | <2 | <2 | <2 | NR | <2 | NR | 3 | <1 | 6 | NR | 3 | NR | <1.4 | 2.2 | <0.1 | 2.2 | 6.6 | 4.1 | 9.2 | 6.4 | NR | 0.08 | 0.6 |
| Dec-08 | <2 | <2 | <2 | NR | <2 | NR | 2 | <1 | 7 | NR | 2 | NR | <1.4 | 3.1 | <0.1 | 3.1 | 6.1 | 2.5 | 8.6 | 6.5 | NR | 0.10 | 1.3 |
| **Avg** | <2 | <2 | <2 | <197 | <2 | <197 | 2 | <1 | 7 | 177 | 2 | 177 | <1.5 | 2.0 | <0.1 | <8.1 | 6.5 | 4.3 | 9.6 | 5.8 | 554 | 0.04 | 0.7 |
| **Min** | <2 | <2 | <2 | <158 | <2 | <158 | 1 | <1 | 4 | 143 | 1 | 143 | <1.0 | 0.8 | <0.1 | 0.8 | 4.7 | 2.5 | 6.8 | 5.1 | 503 | <0.01 | 0.3 |
| **Max** | <2 | <2 | 6 | <217 | <2 | <217 | 3 | 1 | 14 | 250 | 3 | 250 | 4.0 | 4.8 | <0.2 | <16.7 | 8.6 | 5.8 | 12.6 | 6.5 | 594 | 0.10 | 1.3 |

NR: Order No. R8-2008-0028 (effective 9/5/08) does not require the lbs/day values to be reported.

**INLAND EMPIRE UTILITIES AGENCY**

**Regional Water Recycling Plant No. 5, 2008 NPDES Annual Report**

**Effluent Toxicity Monitoring and Compliance Data**

**Table No. 7**

| | | | CHRONIC TOXICITY - SURVIVAL | | | | CHRONIC TOXICITY - REPRODUCTION | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Ceriodaphnia dubia* | | | | *Ceriodaphnia dubia* | | | |
| START DATE | | END DATE | NOEC | TUc | 2-Mo. Median TUc | | NOEC | IC25 | TUc | 2-Mo. Median TUc |
| 12/31/07 | thru | 01/05/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 02/16/08 | thru | 02/22/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 03/23/08 | thru | 03/29/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 04/19/08 | thru | 04/25/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 05/17/08 | thru | 05/23/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 06/22/08 | thru | 06/28/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 07/29/08 | thru | 08/04/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 08/17/08 | thru | 08/24/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 09/21/08 | thru | 09/28/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 10/27/08 | thru | 11/02/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 11/08/08 | thru | 11/14/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 12/15/08 | thru | 12/19/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |
| 12/16/08 | thru | 12/22/08 | 100 | 1.0 | 1.0 | <<<>>> | 100 | 100 | 1.0 | 1.0 |

**INLAND EMPIRE UTILITIES AGENCY**

**Regional Water Recycling Plant No. 5, 2008 NPDES Annual Report**

**Effluent Monitoring and Compliance Data** **Table No. 8**

| | Coliform Daily | | Coliform 7 day median | | Chlorine Residual | Turbidity | | Temp. | | D.O. | | Filter Loading Rate | Detention Time | CT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avg | Max | Avg | Max | Max 1-hr avg | Avg | Max | Avg | Max | Avg | Min | Max | Min | Min |
| | MPN/100 mL | | | | mg/L | NTU | | °C | | mg/L | | $gpm/ft^2$ | minutes | mg-min/L |
| **Limits** | **23** | | | **2.2** | **0.1 & 5 (inst.)** | **2 (inst.)** | | | | | | **5 (max)** | **90 (min)** | **450 (min)** |
| Jan-08 | <2 | 4 | <2 | 2 | 0.0 | 1.0 | 1.3 | 21.8 | 24.0 | 7.0 | 6.4 | 4 | 93 | 530 |
| Feb-08 | <2 | 4 | <2 | <2 | 0.0 | 0.8 | 1.1 | 22.6 | 23.0 | 7.3 | 6.8 | 4 | 98 | 470 |
| Mar-08 | <2 | 2 | <2 | <2 | 0.0 | 0.8 | 1.0 | 20.9 | 23.0 | 8.2 | 7.4 | 4 | 97 | 467 |
| Apr-08 | <2 | 2 | <2 | <2 | 0.0 | 0.8 | 1.0 | 22.6 | 24.0 | 7.5 | 7.0 | 4 | 98 | 471 |
| May-08 | <2 | 4 | <2 | <2 | 0.0 | 0.8 | 1.1 | 23.6 | 25.0 | 7.7 | 6.3 | 5 | 90 | 470 |
| Jun-08 | <2 | 2 | <2 | <2 | 0.0 | 0.8 | 1.1 | 24.2 | 25.1 | 7.9 | 7.0 | 5 | 104 | **376*** |
| Jul-08 | <2 | 2 | <2 | <2 | 0.0 | 1.0 | 1.5 | 24.0 | 25.0 | 6.5 | 6.0 | 5 | 111 | 480 |
| Aug-08 | <2 | <2 | <2 | <2 | 0.0 | 0.9 | 1.1 | 26.7 | 28.9 | 7.4 | 6.0 | 4 | 109 | 491 |
| Sep-08 | <2 | <2 | <2 | <2 | 0.0 | 1.0 | 1.2 | 29.2 | 29.9 | 9.0 | 7.8 | 4 | 102 | 497 |
| Oct-08 | <2 | <2 | <2 | <2 | 0.0 | 1.0 | 1.6 | 28.3 | 29.0 | 7.8 | 7.5 | 4 | 102 | 488 |
| Nov-08 | <2 | 2 | <2 | <2 | 0.0 | 1.5 | 1.8 | 25.6 | 26.1 | 8.9 | 8.1 | 4 | 93 | 482 |
| Dec-08 | <2 | <2 | <2 | <2 | 2.8* | 1.3 | 1.9 | 24.0 | 26.0 | 8.6 | 8.0 | 4 | 99 | 525 |
| **Max** | <2 | 4 | <2 | 2 | 2.8 | 1.5 | 1.9 | 29.2 | 29.9 | 9.0 | 8.1 | 5 | 90 | 462 |

*During this time effluent gate was closed

**Receiving Water Monitoring and Compliance Data** **Table No. 9**

| | Chino Creek Upstream | | | | | | | Chino Creek Downstream | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D.O. | Temp. | pH | TIN | $NO_3$-N | TDS | Hardness | Min D.O. | Max Temp. | pH | TIN | $NO_3$-N | TDS | Hardness |
| | mg/L | °C | unit | mg/L | mg/L | mg/L | mg/L | mg/L | °C | unit | mg/L | mg/L | mg/L | mg/L |
| Jan-08 | 7.5 | 18.3 | 7.0 | 6.3 | 6.2 | 580 | 214 | 7.0 | 25.0 | 7.12 | 4.97 | 4.92 | 544 | 185 |
| Feb-08 | 8.8 | 17.6 | 7.1 | 5.7 | 5.7 | 649 | 325 | 7.0 | 24.0 | 7.20 | 5.53 | 5.50 | 538 | 221 |
| Mar-08 | 8.3 | 17.5 | 7.2 | 4.6 | 4.3 | 646 | 194 | 8.0 | 22.0 | 7.43 | 4.60 | 4.32 | 532 | 210 |
| Apr-08 | 7.7 | 18.0 | 7.9 | 9.7 | 9.5 | 554 | 303 | 7.6 | 21.0 | 7.56 | 7.57 | 7.46 | 524 | 194 |
| May-08 | 7.9 | 20.0 | 7.9 | 5.0 | 4.9 | 639 | 247 | 7.0 | 24.0 | 7.84 | 4.11 | 4.06 | 508 | 188 |
| Jun-08 | 6.6 | 18.7 | 7.9 | 6.7 | 6.5 | 640 | 264 | 7.0 | 24.0 | 7.90 | 5.89 | 5.81 | 512 | 179 |
| Jul-08 | 5.9 | 22.0 | 7.7 | 5.2 | 4.5 | 724 | 294 | 5.2 | 25.0 | 7.52 | 3.88 | 3.83 | 536 | 190 |
| Aug-08 | 5.8 | 23.5 | 7.4 | 3.8 | 3.4 | 734 | 352 | 5.2 | 27.8 | 7.23 | 3.81 | 3.71 | 518 | 166 |
| Sep-08 | 7.8 | 24.2 | 7.8 | 5.3 | NR | 650 | NR | 7.2 | 29.0 | 7.75 | NR | NR | NR | NR |
| Oct-08 | 7.0 | 24.2 | 6.9 | 2.7 | NR | 705 | 336 | 9.0 | 25.6 | 7.04 | NR | NR | NR | NR |
| Nov-08 | 7.5 | 22.3 | 7.7 | 5.4 | NR | 552 | 156 | 6.3 | 24.7 | 7.58 | NR | NR | NR | NR |
| Dec-08 | 8.9 | 22.5 | 7.1 | 5.5 | NR | 557 | NR | 8.0 | 24.4 | 7.22 | NR | NR | NR | NR |
| **Avg** | 7.5 | 20.7 | 7.4 | 5.5 | 5.6 | 636 | 269 | 7.0 | 24.7 | 7.45 | 5.05 | 4.95 | 527 | 192 |
| **Min** | 5.8 | 17.5 | 6.9 | 2.7 | 3.4 | 552 | 156 | 5.2 | 21.0 | 7.04 | 3.81 | 3.71 | 508 | 166 |
| **Max** | 8.9 | 24.2 | 7.9 | 9.7 | 9.5 | 734 | 352 | 9.0 | 29.0 | 7.90 | 7.57 | 7.46 | 544 | 221 |

NR: Order No. R8-2008-0028 (effective 9/5/08) does not require certain parameters to be measured at the same frequency as previous Order R8-2003-0003.

**INLAND EMPIRE UTILITIES AGENCY**
**Regional Water Recycling Plant No. 5, 2008 NPDES Annual Report**
**Effluent Monitoring and Compliance Data**

**Monthly Grabs and Composites** **Table No. 10**

| | T.R. Copper | | T.R. Selenium | | Free Cyanide | | Bis(2-ethylhexyl) phthalate | | Lindane* | | Tetrachloro-ethylene* | | Bicarbonate | | Boron | | Calcium | | Carbonate | | Chloride | | Fluoride | | Magnesium | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | |
| | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day |
| **Limits** | **26** | **3.25** | **4.1** | **0.51** | **4.3** | **0.54** | **5.9** | **0.74** | **0.06** | **0.01** | **8.9** | **1.11** | | | | | | | | | | | | | | |
| Jan-08 | 8 | 0.62 | <2 | <0.16 | <2 | <0.16 | <2 | <0.2 | <0.01 | <0.001 | <1 | <0.08 | 133 | 10,451 | 0.3 | 23 | 50 | 3,952 | 0 | 0 | 121 | 9,521 | 0.2 | 15.8 | 11 | 889 |
| Feb-08 | 10 | 0.89 | <2 | <0.19 | <2 | <0.19 | <2 | <0.2 | <0.01 | <0.001 | - | - | 141 | 13,194 | 0.3 | 28 | 55 | 5,138 | 0 | 0 | 127 | 11,838 | 0.1 | 9.4 | 13 | 1,187 |
| Mar-08 | 10 | 0.86 | <2 | <0.18 | <2 | <0.18 | <2 | <0.2 | - | - | - | - | 136 | 11,989 | 0.3 | 27 | 53 | 4,713 | 0 | 0 | 132 | 11,611 | 0.1 | 7.7 | 12 | 1,057 |
| Apr-08 | 8 | 0.65 | <2 | <0.16 | <2 | <0.16 | <2 | <0.2 | <0.01 | <0.001 | <1 | <0.08 | 134 | 10,561 | 0.4 | 31 | 48 | 3,783 | 0 | 0 | 130 | 10,246 | 0.2 | 15.8 | 12 | 970 |
| May-08 | 6 | 0.52 | <2 | <0.18 | <2 | <0.18 | <2 | <0.2 | - | - | - | - | 149 | 13,222 | 0.3 | 27 | 52 | 4,614 | 0 | 0 | 119 | 10,560 | 0.2 | 15.1 | 11 | 1,013 |
| Jun-08 | 8 | 0.81 | <2 | <0.21 | <2 | <0.21 | <2 | <0.2 | - | - | - | - | 144 | 15,060 | 0.3 | 31 | 51 | 5,334 | 0 | 0 | 118 | 12,341 | 0.2 | 20.9 | 12 | 1,255 |
| Jul-08 | 7 | 0.65 | <2 | <0.19 | <2 | <0.19 | <2 | <0.2 | <0.01 | <0.001 | <1 | <0.07 | 152 | 14,515 | 0.3 | 29 | 54 | 5,119 | 0 | 0 | 122 | 11,650 | 0.2 | 19.1 | 12 | 1,139 |
| Aug-08 | 3 | 0.21 | <2 | <0.13 | <2 | <0.13 | <2 | <0.1 | - | - | <1 | <0.10 | 150 | 9,795 | 0.3 | 20 | 49 | 3,225 | 0 | 0 | 123 | 8,045 | <0.1 | <6.5 | 11 | 748 |
| Sep-08 | 13 | NR | <2 | NR | <2 | NR | <2 | NR | - | - | <1 | NR | 130 | NR | 0.3 | NR | 53 | NR | 0 | NR | 128 | NR | 0.1 | NR | 12 | NR |
| Oct-08 | 6 | NR | <2 | NR | <2 | NR | <2 | NR | - | - | <1 | NR | 142 | NR | 0.3 | NR | 54 | NR | 0 | NR | 124 | NR | 0.2 | NR | 12 | NR |
| Nov-08 | 6 | NR | <2 | NR | <2 | NR | <2 | NR | - | - | - | - | 141 | NR | 0.3 | NR | 54 | NR | 0 | NR | 121 | NR | 0.2 | NR | 11 | NR |
| Dec-08 | 6 | NR | <2 | NR | <2 | NR | <2 | NR | - | - | - | - | 141 | NR | 0.3 | NR | 53 | NR | 0 | NR | 125 | NR | 0.2 | NR | 11 | NR |
| **Avg** | 7 | 0.65 | <2 | <0.18 | <2 | <0.18 | <2 | <0.2 | <0.01 | <0.001 | <1 | <0.08 | 141 | 12348 | 0.3 | 27 | 52 | 4485 | 0 | 0 | 124 | 10,726 | 0.2 | 14.8 | 12 | 1032 |
| **Min** | 3 | 0.21 | <2 | <0.13 | <2 | <0.13 | <2 | <0.1 | <0.01 | <0.001 | <1 | <0.07 | 130 | 9795 | 0.3 | 20 | 48 | 3225 | 0 | 0 | 118 | 8,045 | 0.1 | <6.5 | 11 | 748 |
| **Max** | 13 | 0.89 | <2 | <0.21 | <2 | <0.21 | <2 | <0.2 | <0.01 | <0.001 | <1 | <0.10 | 152 | 15060 | 0.4 | 31 | 55 | 5334 | 0 | 0 | 132 | 12,341 | 0.2 | 20.9 | 13 | 1255 |

**Table No. 11**

| | Nitrate as N | | Sodium | | Sulfate | | Total Hardness | | Iron | | Manganese | | T.R. Cadmium | | T.R. Chromium | | T.R. Lead | | T.R. Mercury | | T.R. Silver | | T.R. Zinc | | Endosulfan I* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | | Monthly Avg. | |
| | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | mg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day | µg/L | lbs/day |
| Jan-08 | 30 | 2,722 | 104 | 8,175 | 67 | 5,312 | 172 | 13,529 | 89 | 7.0 | 42 | 3.3 | <0.25 | <0.02 | 2 | 0.13 | <0.5 | <0.04 | <0.2 | <0.02 | <0.25 | <0.02 | 44 | 3.5 | <0.01 | <0.001 |
| Feb-08 | 33 | 3,191 | 102 | 9,525 | 60 | 5,657 | 189 | 17,717 | 69 | 6.5 | 16 | 1.5 | <0.25 | <0.02 | 3 | 0.30 | <0.5 | <0.05 | <0.2 | <0.02 | <0.25 | <0.02 | 32 | 3.0 | <0.01 | <0.001 |
| Mar-08 | 30 | 2,755 | 108 | 9,499 | 60 | 5,310 | 183 | 16,121 | 68 | 6.0 | 17 | 1.5 | 0.25 | 0.02 | 1 | 0.09 | <0.5 | <0.04 | <0.2 | <0.02 | <0.25 | <0.02 | 33 | 2.9 | - | - |
| Apr-08 | 28 | 2,453 | 113 | 8,906 | 60 | 4,729 | 171 | 13,441 | 69 | 5.4 | 23 | 1.8 | <0.25 | <0.02 | 4 | 0.28 | <0.5 | <0.04 | <0.2 | <0.02 | <0.25 | <0.02 | 33 | 2.6 | <0.01 | <0.001 |
| May-08 | 28 | 2,764 | 98 | 8,696 | 56 | 4,969 | 177 | 15,692 | 68 | 6.0 | 23 | 2.0 | <0.25 | <0.02 | 2 | 0.18 | <0.5 | <0.04 | <0.2 | <0.02 | <0.25 | <0.02 | 30 | 2.7 | - | - |
| Jun-08 | 33 | 3,121 | 95 | 9,935 | 55 | 5,752 | 177 | 18,487 | 52 | 5.4 | 12 | 1.3 | <0.25 | <0.03 | 2 | 0.24 | <0.5 | <0.05 | <0.2 | <0.02 | <0.25 | <0.03 | 29 | 3.0 | - | - |
| Jul-08 | 20 | 1,409 | 104 | 9,931 | 58 | 5,539 | 183 | 17,474 | 65 | 6.2 | 15 | 1.4 | <0.25 | <0.02 | 2 | 0.22 | <0.5 | <0.05 | <0.2 | <0.02 | <0.25 | <0.02 | 33 | 3.2 | <0.01 | <0.001 |
| Aug-08 | 21 | 1,757 | 97 | 6,343 | 57 | 3,699 | 170 | 11,133 | 67 | 4.4 | 14 | 0.9 | <0.25 | <0.02 | 2 | 0.15 | <0.5 | <0.03 | <0.2 | <0.01 | <0.25 | <0.02 | 23 | 1.5 | - | - |
| Sep-08 | 39 | NR | 105 | NR | 62 | NR | 182 | NR | 95 | NR | 14 | NR | 1.7 | NR | 1 | NR | <0.5 | NR | <0.05 | NR | <0.25 | NR | 42 | NR | - | - |
| Oct-08 | 24 | NR | 102 | NR | 58 | NR | 182 | NR | 56 | NR | 12 | NR | <0.25 | NR | 3 | NR | <0.5 | NR | <0.05 | NR | <0.25 | NR | 44 | NR | - | - |
| Nov-08 | 32 | NR | 97 | NR | 54 | NR | 179 | NR | 64 | NR | 14 | NR | <0.25 | NR | 2 | NR | <0.5 | NR | <0.05 | NR | <0.25 | NR | 30 | NR | - | - |
| Dec-08 | 29 | NR | 96 | NR | 54 | NR | 177 | NR | 90 | NR | 15 | NR | <0.25 | NR | 2 | NR | <0.5 | NR | <0.05 | NR | <0.25 | NR | 30 | NR | - | - |
| **Avg** | 29 | 2,522 | 102 | 8,876 | 58 | 5,121 | 178 | 15,449 | 71 | 5.9 | 18 | 1.7 | <0.37 | <0.02 | 2 | 0.21 | <0.5 | <0.04 | <0.2 | <0.02 | <0.25 | <0.02 | 34 | 2.8 | <0.01 | <0.001 |
| **Min** | 20 | 1,409 | 95 | 6,343 | 54 | 3,699 | 170 | 11,133 | 52 | 4.4 | 12 | 0.9 | <0.25 | <0.02 | 1 | 0.13 | <0.5 | <0.03 | <0.1 | <0.01 | <0.25 | <0.02 | 23 | 1.5 | <0.01 | <0.001 |
| **Max** | 39 | 3,191 | 113 | 9,935 | 67 | 5,752 | 189 | 18,487 | 95 | 7.0 | 42 | 3.3 | 1.7 | <0.03 | 4 | 0.30 | <0.5 | <0.05 | <0.2 | <0.02 | <0.25 | <0.03 | 44 | 3.5 | <0.01 | <0.001 |

NR: Order No. R8-2008-0028 (effective 9/5/08) does not require the lbs/day values to be reported.

# APPENDIX D

# Recycled Water Users and Demands

Appendix D

Recycled Water Users and Demands

| Inland Empire Utilties Agency | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| Chino Creek Park | Landscape Irrigation | 6075 Kimball ave. | 17.76 |
| Greenlee Nursery | Landscape Irrigation | 15993 El Prado Rd. | 11.28 |
| IEUA Headquarters | Landscape Irrigation/Toilet | 6075 Kimball Ave. | 3.72 |
| El Prado Golf Course | Landscape Irrigation | 6555 Pine Ave. | 221.04 |
| El Prado Regional Park | Landscape Irrigation | 16700 S. Euclid Ave. | 1,069.04 |
| **Total Landscape** | | | **1,322.84** |
| Ely | Recharge | | 364.00 |
| Banana | Recharge | | 40.00 |
| RP-3 | Recharge | | 106.00 |
| Turner | Recharge | | 171.00 |
| 7th & 8th St | Recharge | | 352.00 |
| Brooks Basin | Recharge | | 1,605.00 |
| Hickory | Recharge | | 46.00 |
| **Total Recharge** | | | **2,684.00** |
| Reliant Energy | Cooling Tower | | 1,383.39 |
| IERCF | Dust Control & Process | 12645 6th street | 30.57 |
| Construction Sites | Dust Control | | 22.83 |
| Total Industrial | | | 1,436.80 |
| TOTAL IEUA | | | 5,443.64 |

Appendix D
Recycled Water Users and Demands

| City of Ontario | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| 925 Reservoir | Landscape Irrigation | 1495 S Dupont | 12.54 |
| Archibald Median North | Landscape Irrigation | 2289 S Archibald Ave | 0.54 |
| Archibald Median South | Landscape Irrigation | 2442 S Arcchibald Ave | 1.32 |
| Archibald & Philadelphia Owners | Landscape Irrigation | 2260 S Archibald Ave | 5.72 |
| Archibald & Philadelphia Owners | Landscape Irrigation | 2200 S Archibald Ave | 6.35 |
| Archibald & Philadelphia Owners | Landscape Irrigation | 2320-2330 S Archibald | 2.30 |
| Archibald & Philadelphia Owners | Landscape Irrigation | 2300 S Archibald Ave | 0.30 |
| Archibald & Philadelphia Owners | Landscape Irrigation | 2340 S Archibald Ave | 0.61 |
| Boyd Coffee (JMS Wineville) | Landscape Irrigation | 170 S Wineville Ave | 0.87 |
| CCC-N | Landscape Irrigation | 1 S Rockefeller | 0.65 |
| CCC-N | Landscape Irrigation | 1380 S milliken | 1.06 |
| CCC-N | Landscape Irrigation | 4151 E Jurupa | 1.10 |
| CCC-N | Landscape Irrigation | 4400 E Jurupa | 0.79 |
| CCC-N | Landscape Irrigation | 1 E Jurupa | 1.08 |
| CCC-N | Landscape Irrigation | 1 S Rockefeller | 0.66 |
| CCC-S | Landscape Irrigation | 2123 S Proforma Ave | 0.64 |
| CCC-S | Landscape Irrigation | 2626 E Cedar St | 1.29 |
| CCC-S | Landscape Irrigation | 2021 S Archibald Ave | 1.21 |
| CCC-S | Landscape Irrigation | 2924 E Philadelphia | 0.59 |
| CCC-S | Landscape Irrigation | 2764 E Philadelphia | 1.11 |
| Caliber Collision | Landscape Irrigation | 200 S Wineville Ave | 0.95 |
| Caliber Collision | Landscape Irrigation | 250 S Wineville Ave | 0.92 |
| CalTrans | Landscape Irrigation | 2291 S Archibald Ave | 33.24 |
| CalTrans | Landscape Irrigation | 2448 S Archibald Ave | 120.92 |
| Carl's Jr. | Landscape Irrigation | 4555 E Jurupa St | 0.82 |
| Concours Plaza | Landscape Irrigation | 3333 E Concours St | 3.10 |
| Concours Retail | Landscape Irrigation | 3491 E Concours St | 1.14 |
| Corona Elementary School | Landscape Irrigation | 1040 N Corona Ave | 10.67 |
| Craitenberger, Michael | Landscape Irrigation | 650 S Wineville Ave | 1.12 |
| Customized Distribution | Landscape Irrigation | 2151 S Proforma | 5.34 |
| Del Norte Elementary School | Landscape Irrigation | 850 N Del Norte Ave | 33.01 |
| Dial Chemical | Landscape Irrigation | 600 S Wineville Ave | 0.85 |
| Dura Coat Powder Coating | Landscape Irrigation | 190 S Wineville Ave | 0.81 |
| Ely Basin #3 | Landscape Irrigation | 2095 S Vineyard Ave | 3.39 |
| Event Center | Landscape Irrigation | 4000 E Ontario Center Pkwy | 6.82 |
| Event Center | Landscape Irrigation | 4000 E Ontario Center Pkwy | 5.93 |
| Event Center | Landscape Irrigation | 4000 E Ontario Center Pkwy | 6.32 |
| Fairfield Ontario Towne LLC | Landscape Irrigation | 950 N Duesenberg | 8.21 |
| Fairfield Ontario Towne LLC | Landscape Irrigation | 950 N Duesenberg | 12.24 |
| Feed the Children | Landscape Irrigation | 2551 E Philadelphia | 0.89 |
| Ferrari Corporate Center | Landscape Irrigation | 4150 E Concours | 1.65 |
| Fire Station #6 | Landscape Irrigation | 2931 E Philadelphia | 0.17 |
| Grove Memorial Park | Landscape Irrigation | 1 City - East I St. | 4.25 |
| HMC Architects | Landscape Irrigation | 3546 E Concours | 6.10 |
| ITI Performance Motor Sports | Landscape Irrigation | 800 S Wineville Ave | 1.06 |
| Kaiser Hospital | Landscape Irrigation | 2295 S Vineyard Ave | 24.39 |
| Mathis Brothers | Landscape Irrigation | 4105 E Inland Empire | 2.36 |

Appendix D
Recycled Water Users and Demands

| City of Ontario | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| Mathis Brothers | Landscape Irrigation | 4105 E Inland Empire | 2.18 |
| Murai Farms (Luke Li) | Landscape Irrigation | 9091 E. Edison Ave | 0.00 |
| Top Gun Paint & Body (Ontario Collision Center) | Landscape Irrigation | 450 S Wineville Ave | 1.22 |
| Ontario LLC | Landscape Irrigation | 3510 E Francis | 1.96 |
| Ontario LLC | Landscape Irrigation | 3510 E Francis | 3.88 |
| Ontario LLC | Landscape Irrigation | 3550 E Francis | 4.75 |
| Ontario LLC | Landscape Irrigation | 3550 E Francis | 4.26 |
| Ontario LLC | Landscape Irrigation | 4060 E Francis | 4.71 |
| Ontario LLC | Landscape Irrigation | 4060 E Francis | 7.88 |
| Ontario LLC | Landscape Irrigation | 4091 E Francis | 6.74 |
| Ontario LLC | Landscape Irrigation | 1690 S Milliken | 1.79 |
| Ontario LLC | Landscape Irrigation | 1700 S Milliken | 3.79 |
| Panattoni Development | Landscape Irrigation | 2250 S Archibald Ave | 0.43 |
| Piemonte Buis. Park (Target) | Landscape Irrigation | 4200 E Fourth | 10.81 |
| Hoffman Finn (Best Buy) | Landscape Irrigation | 4190 E Fourth | 5.26 |
| Piemonte 5-story | Landscape Irrigation | 901 N Via Piemonte | 3.66 |
| Ontario Center Owners Assoc. | Landscape Irrigation | 4004 E Fourth | 3.15 |
| Piemonte Business Park | Landscape Irrigation | 4004 E Fourth | 1.27 |
| Piemonte Business Park | Landscape Irrigation | 4004 E Fourth | 6.17 |
| Piemonte Business Park | Landscape Irrigation | 4004 E Fourth | 0.95 |
| Piemonte Business Park | Landscape Irrigation | 4004 E Fourth | 2.23 |
| Piemonte Business Park | Landscape Irrigation | 4004 E Fourth | 0.61 |
| Ontario Center Owners Assoc. | Landscape Irrigation | 4004 E Fourth | 12.70 |
| Roshan LLC (La Galleria at the Mills) | Landscape Irrigation | 4323 E Mills Cir | 0.63 |
| Ruth Concours LLC | Landscape Irrigation | 3536 E Concours | 1.14 |
| Sierra Insulation | Landscape Irrigation | 120 S Wineville Ave | 0.54 |
| Soccer Complex | Landscape Irrigation | 2451 E Philadelphia | 26.73 |
| Soccer Complex | Landscape Irrigation | 2400 E Philadelphia | 2.05 |
| Temple Inland | Landscape Irrigation | 5100 E Jurupa | 0.98 |
| The People Movers | Landscape Irrigation | 150 S Wineville Ave | 0.53 |
| Top & Tech | Landscape Irrigation | 400 S Wineville Ave | 1.69 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 9.46 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 24.55 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 19.24 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 5.06 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 7.73 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 8.45 |
| Toyota | Landscape Irrigation | 1425 S Toyota Way | 10.36 |
| Utility Board | Landscape Irrigation | 100 S Wineville Ave | 1.29 |
| Vina Danks Junior High | Landscape Irrigation | 1020 N Vine | 6.74 |
| Vineyard Elementary School | Landscape Irrigation | 1500 E Sixth St. | 7.21 |
| Vineyard Plaza | Landscape Irrigation | 1865 E Fourth St | 0.51 |
| Warmington Residential Comm. (04748546) | Landscape Irrigation | 2424 E Fourth | 5.67 |
| Westwind Park | Landscape Irrigation | 2539 E Riverside Dr | 84.40 |
| Whispering Lakes Golf Course | Landscape Irrigation | 2525 E Riverside Dr | 588.82 |
| **Total Ontario Landscape Irrigation** | | | **1,241.57** |
| Bootsma Farm (ORW-20) | Agricultural Irrigation | 7721 E Edison | 108.56 |

Appendix D
Recycled Water Users and Demands

| City of Ontario | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| Cleveland Farms | Agricultural Irrigation | 15133 Carpenter | 0.00 |
| Cleveland Farms | Agricultural Irrigation | 7565 Eucalyptus | 0.00 |
| Cleveland Farms | Agricultural Irrigation | 8061 E Edison | 0.00 |
| Cleveland Farms | Agricultural Irrigation | 7511 E Eucalyptus | 0.00 |
| Cleveland Farms | Agricultural Irrigation | 9155 E Riverside Dr. | 212.68 |
| Li Farm (Edison) | Agricultural Irrigation | 9110 E Edison Ave | 222.67 |
| GH Dairy (temporary) | Agricultural Irrigation | 7233 E Eucalyptus | 2.83 |
| Legend Dairies (Petersma) | Agricultural Irrigation | 7233 E Eucalyptus | 157.99 |
| Yoog II Farm Inc. | Agricultural Irrigation | 14133 Carpenter Ave | 138.16 |
| Murai Farm (Luke Li) | Agricultural Irrigation | 9091 E. Edison Ave | 587.88 |
| Ron LaBrucherie | Agricultural Irrigation | 9343 E Edison Ave | 872.27 |
| Sam Lewis Farm | Agricultural Irrigation | 9491 E Edison Ave | 404.30 |
| **Total Ontario Agricultural Irrigation** | | | **2,707.35** |
| Comstock Homes | Construction | 2750 E Archibald | 6.22 |
| **Total Ontario Construction** | | | **6.22** |
| **Total Ontario** | | | **3,955.14** |

Appendix D
Recycled Water Users and Demands

| City of Chino | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| AMERICAN POWER CONVERSION | Landscape Irrigation | 14725 MONTE VISTA AVE #SPR-RC | 8.89 |
| AMERICAN POWER CONVERSION | Landscape Irrigation | 14875 MONTE VISTA AVE #SPR-RC | 6.90 |
| BREHM COMMUNITIES/PINE | Landscape Irrigation | BICKMORE/HUNTINGTON GARDEN SPR | 3.29 |
| BROOKFIELD PRESERVE | Landscape Irrigation | 8383 KIMBALL AVE #SPR-RC | 22.91 |
| CALIFORNIA CUSTOM SHAPES | Landscape Irrigation | 5051 EDISON AVE #SPR-RC | 1.14 |
| CENTRAL BUSINESS OWNERS ASSOC | Landscape Irrigation | 13931-13965 CENTRAL AVE #SPR | 3.73 |
| CENTRAL PARK ASSOCIATES | Landscape Irrigation | 14508 CENTRAL AVE | 6.12 |
| CENTRAL PARK ASSOCIATES | Landscape Irrigation | 14760 CENTRAL AVE | 9.87 |
| CENTRAL PARK INDUSTRIAL PARTNERS | Landscape Irrigation | 14602-14698 CENTRAL AVE | 10.87 |
| CHAFFEY COLLEGE | Landscape Irrigation | 5890 COLLEGE PARK AVE | 5.57 |
| CHAFFEY COLLEGE | Landscape Irrigation | 5897 COLLEGE PARK AVE #SPR-RC | 5.14 |
| CHANDLER REAL PROPERTIES | Landscape Irrigation | 15342 EL PRADO RD #SPR-RC | 4.68 |
| CHINO DEVELOPMENT CORPORATION | Landscape Irrigation | 15990 NATURE #SPR-RC | 1.39 |
| CHINO DEVELOPMENT CORPORATION | Landscape Irrigation | 7920 BICKMORE AVE | 1.19 |
| CHINO DEVELOPMENT CORPORATION | Landscape Irrigation | 8100 W PRESERVE LOOP | 5.85 |
| CHINO DEVELOPMENT CORPORATION | Landscape Irrigation | PRESERVE HELLMAN #HYD-RC | 0.45 |
| CHINO DEVELOPMENT CORPORATION | Landscape Irrigation | PRESERVE/RINCON MW HYD-R | 5.82 |
| CHINO DEVELOPMENT CORPORATION | Landscape Irrigation | WETLANDS PROJECT | 30.09 |
| CHINO HILLS FORD | Landscape Irrigation | 4480 CHINO HILLS PKWY #SPR-RC | 3.01 |
| CHINO INDUSTRIAL COMMONS | Landscape Irrigation | 5505 DANIELS ST #SPR RC | 3.44 |
| CHINO INDUSTRIAL COMMONS-OWNERS | Landscape Irrigation | 5625 DANIELS ST #SPR RC | 5.44 |
| CHINO PRESERVE DEVELOPMENT | Landscape Irrigation | 8150 GARDEN PARK SCHOOL #SPR | 10.49 |
| CHINO PRESERVE DEVELOPMENT | Landscape Irrigation | 8151 WEST PRESERVE LOOP | 21.68 |
| CITRUS COMMONS | Landscape Irrigation | PARKSIDE/WEST PRES #SPR RC | 8.86 |
| CITY OF CHINO | Landscape Irrigation | 5604 COLLEGE PARK AVE #SPR-RC | 182.75 |
| CITY OF CHINO | Landscape Irrigation | EDISON AVE BIKE TRAIL | 29.06 |
| CITY OF CHINO AYALA PARK | Landscape Irrigation | 5301 EDISON AVE | 45.93 |
| CITY OF CHINO AYALA PARK | Landscape Irrigation | 5301 EDISON AVE | 54.02 |
| CM PEICH INC | Landscape Irrigation | PINE/CHINO CORONA HYD-RC | 0.40 |
| COLLEGE PARK COMMUNITES | Landscape Irrigation | 6524 WHEATON #SPR-RC | 0.32 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | 6623 CLEMSON ST #SPR-RC | 6.61 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | 6975 EDINBORO ST #SPR-RC | 2.62 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | CLEMSON/TUSKEGEE NO #SPR-RC | 10.25 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | CLEMSON/TUSKEGEE SO #SPR-RC | 7.65 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | EUCALYPTUS/FERN #SPR-RC | 7.82 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | EUCALYPTUS/SAN ANTONIO #SPR | 19.88 |
| COLLEGE PARK COMMUNITY ASSOC | Landscape Irrigation | SAN ANTONIO A/STANDFORD #SPR-RC | 4.36 |
| COLLINS COMPANY | Landscape Irrigation | 5470 DANIELS ST | 1.44 |
| COLONIAL ELECTRIC | Landscape Irrigation | 14981 TELEPHONE AVE | 0.56 |
| CP BUSINESS PARK PARTNERS LP | Landscape Irrigation | CENTRAL/CHINO HILLS PK SPR-RC | 3.95 |
| CT STORAGE-CHINO LLC | Landscape Irrigation | 13855 CENTRAL AVE #SPR-RC | 3.90 |
| DBRS MEDICAL SYSTEMS | Landscape Irrigation | 13820 BENSON AVE | 0.95 |
| DEPT. OF CORRECTIONS STATE | Landscape Irrigation | 14515 CENTRAL AVE #B SPR/R | 1.99 |
| DO+ABLE PRODUCTS | Landscape Irrigation | 5150 EDISON AVE | 6.97 |
| DR HORTON | Landscape Irrigation | 7034 EDINBORO AVE #SPR | 4.99 |
| DR HORTON | Landscape Irrigation | PURDUE AT 14569 #SPR | 2.71 |
| DR HORTON | Landscape Irrigation | PURDUE/EUCALYPTUS AVE HYD-RC | 0.11 |
| EDGE DEVELOPMENT INC | Landscape Irrigation | EDISON/OAKS AVE #HYD-RC | 2.04 |

Appendix D
Recycled Water Users and Demands

| City of Chino | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| EQUIPMENT WHOLESALERS | Landscape Irrigation | DANIELS AVE #SPR-RC | 0.34 |
| ETHAN ALLEN INC | Landscape Irrigation | 14207 MONTE VISTA AVE #RC | 0.00 |
| EUCLID PLAZA PARTNERSHIP | Landscape Irrigation | 6999 SCHAEFER AVE #A #SPR-RC | 7.49 |
| EUCLID PLAZA PARTNERSHIP | Landscape Irrigation | 6999 SCHAEFER AVE #B #SPR-RC | 5.76 |
| EVERGREEN AT THE PRESERVE | Landscape Irrigation | 15731 EARHART CT #SPR-RC | 6.34 |
| EVERGREEN AT THE PRESERVE | Landscape Irrigation | 8200 GARDEN GATE CT #SPR-RC | 1.78 |
| EXEL INC | Landscape Irrigation | 14701 YORBA CT | 5.45 |
| FARRAND ENTERPRISES | Landscape Irrigation | 14325 MONTE VISTA AVE | 0.22 |
| FARRAND ENTERPRISES | Landscape Irrigation | 14375 MONTE VISTA AVE | 2.00 |
| FARWEST CORROSION CONTROL | Landscape Irrigation | FERN AVE/EDISON AVE #HYD-RC | 0.02 |
| FUNDING RESOURCES | Landscape Irrigation | 13960 BENSON AVE | 2.62 |
| FUSION 5 CONDO ASSOCIATION | Landscape Irrigation | 13960 BENSON AVE | 0.49 |
| GARRETT CONCRETE | Landscape Irrigation | 14920 TELEPHONE AVE | 2.49 |
| GARRETT CONCRETE | Landscape Irrigation | 14923 TELEPHONE AVE | 1.34 |
| GRIFFITH COMPANY | Landscape Irrigation | RINCON S/O KIMBALL #HYD | 0.02 |
| GRO-POWER INC | Landscape Irrigation | 15065 TELEPHONE AVE | 1.24 |
| HENSIM USA | Landscape Irrigation | 5270 EDISON AVE #SPR-RC | 4.04 |
| JACUZZI BRANDS INC | Landscape Irrigation | 14720 MONTE VISTA | 3.75 |
| JACUZZI BRANDS INC | Landscape Irrigation | 14880 MONTE VISTA | 3.87 |
| JASMINE WILLOWS HOA | Landscape Irrigation | BEGONIA & HOLLAND PARK #SPR | 2.30 |
| JD PIERCE COMPANY | Landscape Irrigation | EUCALYPTUS/MOUNTAIN HYD RC | 0.02 |
| K-8 SCHOOL (PRESERVE) | Landscape Irrigation | 8150 GARDEN PARK SCHOOL #SPR | 12.19 |
| KNICKERBOCKER PROPERTIES INC | Landscape Irrigation | 13824 YORBA AVE #SPR-RC | 0.52 |
| MAJESTIC MANAGEMENT | Landscape Irrigation | 14510-70 MONTE VISTA AVE #SPR | 9.15 |
| MEF REALTY LLC | Landscape Irrigation | 5220-5228 EDISON AVE #SPR-RC | 3.38 |
| MILLIE AND SEVERSON INC | Landscape Irrigation | 16081 FERN AVE HYD-RC | 0.40 |
| NORCO INJECTION MOLDING | Landscape Irrigation | 14286 MONTE VISTA AVE | 11.75 |
| NORCO INJECTION MOLDING | Landscape Irrigation | 5500 DANIELS AVE #SPR-RC | 0.03 |
| OLTMANS CONSTRUCTION | Landscape Irrigation | 16142 FERN AVE #HYD-RC | 0.00 |
| PACER COMMUNITIES | Landscape Irrigation | COLLEGE PARK HYD-RC | 0.00 |
| PARDEE HOMES | Landscape Irrigation | CANDLEWOOD/CANOPY #HYD | 0.57 |
| PINNACLE COMMUNITIES | Landscape Irrigation | SAN ANTONIO/STANDFORD HYD/RC | 0.00 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 15702 MEADOW VALLEY #SPR-RC | 4.27 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 15703 MEADOW VALLEY #SPR-RC | 1.70 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 15990 NATURE TRAIL #SPR-RC | 11.08 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 7703 KIMBALL AVE #SPR-RC | 6.90 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 7920 BICKMORE AVE #SPR-RC | 6.32 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 8381 KIMBALL AVE #SPR-RC | 4.36 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 8595 FOREST PARK #SPR-RC | 5.14 |
| PRESERVE MAINTENANCE CORP | Landscape Irrigation | 8704 BRIDLE PATH ST #A #SPR | 14.08 |
| PRESERVE MASTER COMMUNITY | Landscape Irrigation | 15591 RETREAT #SPR-RC | 7.29 |
| PRESERVE MASTER COMMUNITY | Landscape Irrigation | 15779 STARFIGHTER AVE #SPR-R | 1.35 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 15591 RETREAT #SPR-RC | 0.27 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 15750 MILL CREEK #SPR-RC | 0.84 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 16343 MEADOWHOUSE AVE #SPR-RC | 1.47 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 7585 BICKMORE AVE #SPR-RC | 0.09 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 7714 BICKMORE AVE SPR-RC | 2.22 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 7973 KIMBALL AVE #SPR-RC | 0.00 |

Appendix D
Recycled Water Users and Demands

| City of Chino | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8100 W PRESERVE LOOP #SPR-RC | 1.90 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8151 WEST PRESERVE LOOP-PARK | 8.91 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8179 KIMBALL AVE #SPR-RC | 0.62 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8344 FOREST PARK ST #SPR-RC | 0.00 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8383 KIMBALL AVE #SPR-RC | 0.68 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8456 E PRESERVE LOOP #SPR-RC | 0.48 |
| PRESERVE MASTER MAINTENANCE | Landscape Irrigation | 8473 FOREST PARK ST #SPR-RC | 0.29 |
| QUETICO SCHAEFER PROPERTIES | Landscape Irrigation | 5610 DANIELS ST #SPR/RC | 3.43 |
| QWEST ENGINEERING | Landscape Irrigation | CHINO HILL PK/RAMONA #HYD-RC | 0.05 |
| RAPID INDUSTRIAL PLASTICS | Landscape Irrigation | 14325 MONTE VISTA AVE | 1.07 |
| REDWOOD BUSINESS CENTER | Landscape Irrigation | 13851-97 REDWOOD AVE | 5.25 |
| SAN BDNO COUNTY FAIRGROUNDS | Landscape Irrigation | 5410 EDISON AVE #SPR-RC | 12.63 |
| SAN BDNO COUNTY FAIRGROUNDS | Landscape Irrigation | 5410 EDISON AVE, HYD | 2.20 |
| SCC COLLEGE PARK LLC | Landscape Irrigation | PERDUE/EUCALYPTUS AVE HYD-R | 0.89 |
| SCC COLLEGE PARK LLC | Landscape Irrigation | SAN ANTONIO/EUCALYPTUS #HYD RC | 0.00 |
| SERVICE CRAFT LLC | Landscape Irrigation | 5026 CHINO HILLS PARKWAY | 9.93 |
| SERVICE CRAFT LLC | Landscape Irrigation | 5116 CHINO HILLS PARKWAY | 10.22 |
| SHAMROCK MARKETING | Landscape Irrigation | 5445 DANIELS ST | 0.90 |
| SHEA HOMES | Landscape Irrigation | 15819 LINDBERGH AVE #SPR-RC | 0.37 |
| SHEA HOMES | Landscape Irrigation | 15851 LINDBERGH AVE SPR-RC | 7.24 |
| SHEA HOMES | Landscape Irrigation | ALPINE MEADOWS/FORREST #HYD-RC | 0.36 |
| STANDARD PACIFIC | Landscape Irrigation | 15784 CANOPY AVE #SPR-RC PARK | 1.62 |
| STANDARD PACIFIC | Landscape Irrigation | FLIGHT AVE/ELM FORREST HYD | 0.00 |
| STANDARD PACIFIC | Landscape Irrigation | MEADOW VALLEY/QUIET WOODS HYD | 1.43 |
| STC PLASTICS | Landscape Irrigation | 13824 YORBA AVE | 0.23 |
| SUN CAL INLAND EMPIRE DIV | Landscape Irrigation | 14123 OAKS AVE #SPR | 24.73 |
| SUN CAL INLAND EMPIRE DIV | Landscape Irrigation | 14124 OAKS AVE #SPR-RC | 2.89 |
| SUN CAL INLAND EMPIRE DIV | Landscape Irrigation | 14197 OAKS AVE #SPR | 0.43 |
| SUNDANCE SPAS | Landscape Irrigation | 14525 MONTE VISTA AVE | 9.27 |
| SUNDANCE SPAS | Landscape Irrigation | 14675 MONTE VISTA AVE | 6.19 |
| TETHERWIND NEIGHBORHOOD | Landscape Irrigation | 15754 LINDBERGH AVE #SPR-RC | 1.55 |
| TETHERWIND NEIGHBORHOOD | Landscape Irrigation | 15850 LINDBERGH AVE #SPR-RC | 4.92 |
| THE CAMPUS OWNERS CORP | Landscape Irrigation | 14011 TWELFTH ST | 1.73 |
| THE CAMPUS OWNERS CORP | Landscape Irrigation | 14091 TWELFTH ST A-SPR | 2.79 |
| THE CAMPUS OWNERS CORP | Landscape Irrigation | 14091 TWELFTH ST B - SPR | 5.33 |
| THE PRESERVE MASTER COMMUNITY | Landscape Irrigation | 15784 CANOPY AVE #SPR-RC PARK | 1.34 |
| THE PRESERVE MASTER COMMUNITY | Landscape Irrigation | 15871 MAIN ST SPR-RC | 9.76 |
| THE PRESERVE MASTER COMMUNITY | Landscape Irrigation | 8122 GARDEN PARK ST | 7.95 |
| THE PRESERVE MASTER COMMUNITY | Landscape Irrigation | EAST HUNTINGTON GARDEN SPR | 11.77 |
| TRAMMEL CROW SO CAL INC | Landscape Irrigation | 14525 YORBA AVE #SPR-RC | 4.09 |
| TRAMMEL CROW SO CAL INC | Landscape Irrigation | 14575 YORBA AVE | 4.48 |
| TRAMMEL CROW SO CAL INC | Landscape Irrigation | 14651 YORBA CT SPR-RC | 5.43 |
| TRAMMEL CROW SO CAL INC | Landscape Irrigation | 4775 EUCALYPTUS AVE | 4.13 |
| TRAMMEL CROW SO CAL INC | Landscape Irrigation | YORBA CT/EUCALYPTUS | 1.79 |
| TRUS JOIST | Landscape Irrigation | 5088 EDISON AVE | 3.64 |
| UNIVERSAL MOLDING CORP | Landscape Irrigation | 5051 EDISON AVE #SPR-RC | 0.26 |
| VALBRUNA | Landscape Irrigation | 13930-13950 BENSON AVE | 2.72 |
| VIRAMONTES EXPRESS | Landscape Irrigation | 8600 CHINO CORONA RD #HYD-RC | 0.67 |

Appendix D
Recycled Water Users and Demands

| City of Chino | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| WAREHOUSE TECHNOLOGY | Landscape Irrigation | 14680 MONTE VISTA #SPR-R | 6.02 |
| WAREHOUSE TECHNOLOGY | Landscape Irrigation | 5065 EUCALYPTUS AVE | 5.70 |
| WAREHOUSE TECHNOLOGY | Landscape Irrigation | 5151 EUCALYPTUS AVE | 9.19 |
| WATSON LAND COMPANY | Landscape Irrigation | 16133 S FERN AVE #SPR-RC | 2.33 |
| WATSON LAND COMPANY | Landscape Irrigation | 6911 BICKMORE AVE #SPR-RC | 2.73 |
| WESTERN NATIONAL CNTR | Landscape Irrigation | PINE AVE / MEADOWHOUSE #HYD-RC | 0.00 |
| YIN, ZHIHUA | Landscape Irrigation | 13860 BENSON AVE | 1.74 |
| YORBA INDUSTRIAL CENTER | Landscape Irrigation | 13901 YORBA AVE | 7.32 |
| YOSHIMURA R & D | Landscape Irrigation | 5420 DANIELS ST #SPR-RC | 2.25 |
| YOSHIMURA RACING LLC | Landscape Irrigation | 5411 DANIELS ST #HYD/RC | 0.02 |
| YOSHIMURA RACING LLC | Landscape Irrigation | 5411 DANIELS ST #SPR-RC | 0.79 |
| **Total Chino Landscape Irrigation** | | | **971.66** |
| C W FARMS 1 | Agricultural Irrigation | PINE AVE W/OF GROVE #RC | 735.60 |
| C W FARMS II | Agricultural Irrigation | PINE AVE W/OF GROVE #RC | 34.40 |
| C W FARMS III | Agricultural Irrigation | REMINGTON/WALKER | 87.78 |
| C W FARMS IV | Agricultural Irrigation | REMINGTON/WALKER NORTH #SPR | 548.20 |
| CAL POLY POMONA | Agricultural Irrigation | 14515 CENTRAL AVE #A SPR-RC | 387.87 |
| CAL POLY POMONA | Agricultural Irrigation | KIMBALL AVE/MAGNOLIA CHANNEL | 513.51 |
| CLEVELAND FARM | Agricultural Irrigation | EUCALYPTUS #SPR-RC | 81.86 |
| CLEVELAND FARM | Agricultural Irrigation | SOUTH/EAST OF COLLEGE BLDG | 17.15 |
| CLEVELAND, CHAD | Agricultural Irrigation | BICKMORE EAST OF EUCLID | 198.41 |
| CLEVELAND FARM #2 | Agricultural Irrigation | EUCALYPTUS/S ANTONIO #SPR-RC | 531.66 |
| COTTONWOOD DAIRY | Agricultural Irrigation | 8819 REMINGTON AVE | 0.00 |
| LA BRUCHERIE FARMS | Agricultural Irrigation | KIMBALL & RINCON MEADOWS #RC | 333.45 |
| MONTE VISTA #3 | Agricultural Irrigation | 14720 MONTE VISTA AVE #SPR-RC | 2.66 |
| MONTE VISTA #3 | Agricultural Irrigation | 14880 MONTE VISTA AVE #SPR-RC | 2.31 |
| NAVAS GROWERS | Agricultural Irrigation | MAIN ST/FOREST PARK #HYD-RC | 2.61 |
| NYENHUIS DAIRY | Agricultural Irrigation | 8711 REMINGTON AVE #AGR | 599.09 |
| SUPERIOR SOD | Agricultural Irrigation | CHINO CORONA RD #SPR-RC | 206.87 |
| SUPERIOR SOD | Agricultural Irrigation | PINE & HELLMAN #SPR-RC | 267.06 |
| VIAVERDE NURSERY | Agricultural Irrigation | 15994 MAIN ST #HYD-RC | 14.11 |
| **Total Chino Agricultural Irrigation** | | | **4,564.58** |
| C.E.G. CONSTRUCTION | Construction | DANIELS AVE #SPR-RC | 0.00 |
| CAL TRANS | Construction | CHINO HILLS PKWY/71 #SPR-RC | 0.00 |
| CENTEX HOMES | Construction | PARKSIDE/WEST PRES #SPR RC | 0.00 |
| LAIRD CONSTRUCTION | Construction | OAKS AVE/EDISON #RC | 0.31 |
| LEE & STIRES INC | Construction | PINE AVE & BICKMORE AVE #RC | 1.28 |
| LEWIS OPERATING CORP | Construction | 15702 MEADOW VALLEY #SPR RC | 0.82 |
| LEWIS OPERATING CORP | Construction | 15703 MEADOW VALLEY #SPR RC | 0.33 |
| LEWIS OPERATING CORP | Construction | 15750 MILL CREEK #SPR RC | 3.62 |
| LEWIS OPERATING CORP | Construction | 16100 RINCON MEADOWS | 2.29 |
| LEWIS OPERATING CORP | Construction | 7703 KIMBALL AVE #SPR-RC | 1.03 |
| LEWIS OPERATING CORP | Construction | 7714 BICKMORE AVE SPR-RC | 4.43 |
| LEWIS OPERATING CORP | Construction | 8179 KIMBALL AVE #SPR RC | 1.92 |
| LEWIS OPERATING CORP | Construction | 8381 KIMBALL AVE SPR-RC | 0.53 |
| LEWIS OPERATING CORP | Construction | 8595 FOREST PARK SPR-RC | 0.36 |
| LEWIS OPERATING CORP | Construction | 8704 A BRIDAL PATH ST SPR | 1.90 |
| LEWIS OPERATING CORP | Construction | MAIN ST/KIMBALL, HYD | 6.78 |

Appendix D
Recycled Water Users and Demands

| City of Chino | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| LEWIS OPERATING CORP | Construction | PH II-E PRESERVE LOOP HYD-R | 0.05 |
| LEWIS OPERATING CORP | Construction | 16343 MEADOWHOUSE AVE #SPR-RC | 7.09 |
| MBK HOMES | Construction | 6524 WHEATON #SPR-RC | 1.68 |
| MBK HOMES | Construction | EUCALYPTUS AVE/SAN ANTONIO R | 0.45 |
| MIKE BUBALO CONSTRUCTION | Construction | EL PRADO AVE/KIMBALL AVE #HYD-RC | 0.00 |
| NOVEMBER CA LLC ( C.E.G. Construction) | Construction | DANIELS AVE #SPR-RC | 0.73 |
| OMNIA ITALIAN DESIGN | Construction | 4950 EDISON AVE #SPR-RC | 9.79 |
| PANATTONI CONSTRUCTION | Construction | 14559 RAMONA AVE #MED-RC | 2.31 |
| PANATTONI CONSTRUCTION | Construction | 14607 RAMONA AVE #SPR-RC | 4.17 |
| PANATTONI CONSTRUCTION | Construction | 14609 RAMONA AVE #SPR-RC | 4.85 |
| PANATTONI CONSTRUCTION | Construction | 14670 YORBA CT #SPR-RC | 5.93 |
| PANATTONI CONSTRUCTION | Construction | 4565 EUCALYPTUS AVE #SPR-RC | 7.65 |
| PANATTONI CONSTRUCTION | Construction | 4575 EUCALYPTUS AVE #SPR-RC | 2.00 |
| PANATTONI CONSTRUCTION | Construction | 4685 EUCALYPTUS AVE #SPR-RC | 4.92 |
| RANCO CONSTRUCTION CO | Construction | MILLCREEK/S. BICKMORE #HYD-RC | 0.00 |
| RICHARDSON, DON | Construction | KIMBALL & RINCON MEADOWS #RC | 80.49 |
| STRATHAM HOMES | Construction | STANDORD/SAN ANTONIO #HYD-RC | 0.05 |
| SULLY-MILLER CONTRACTING | Construction | BICKMORE AVE/EUCLID AVE #HYD-RC | 0.78 |
| W L HOMES | Construction | KIMBALL / PRESERVE #HYD | 0.00 |
| **Total Chino Construction** | | | **158.52** |
| ALL COAST FOREST PRODUCTS | Process | 13880 MONTE VISTA AVE | 10.83 |
| **Total Chino Industrial** | | | **10.83** |
| **Total Chino** | | | **5,705.59** |

Appendix D
Recycled Water Users and Demands

| City of Chino Hills | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| 7 - Eleven | Landscape Irrigation | 15450 Fairfield Ranch Rd | 4.20 |
| Arco | Landscape Irrigation | 5280 Fairfield Ranch Rd (Arco) | 3.47 |
| Artisan & CH Main Assoc | Landscape Irrigation | 16302 BRR (14551-1) Artisan | 7.44 |
| Artisan & CH Main Assoc | Landscape Irrigation | 16308 BRR (14551-1) Artisan | 9.20 |
| Artisan & CH Main Assoc | Landscape Irrigation | 5181 Fox Hall (Taylor Woodrow) | 4.66 |
| Big League Dreams | Landscape Irrigation | 16333 Fairfield Ranch Rd | 67.11 |
| BRE Pinnacle Apts | Landscape Irrigation | 16594 Slate west (Artisan) | 3.61 |
| BRE Properties | Landscape Irrigation | 16594 Slate east (Artisan) | 28.02 |
| BRE Properties | Landscape Irrigation | 16675 Slate (Taylor Woodrow) | 8.04 |
| BRE Properties | Landscape Irrigation | 16011 Butterfield Ranch Rd - (Sterling Downs Apts) | 6.34 |
| BRE Properties | Landscape Irrigation | 16011 Butterfield Ranch Rd - (Sterling Downs Apts) | 0.01 |
| Butterfield Fire Station | Landscape Irrigation | Fire Station on Sagebrush (Chino Valley Fire) | 1.58 |
| C.U.S.D. | Landscape Irrigation | 16250 Pinehurst St - (Wickman Elem) | 8.69 |
| Caltrans | Landscape Irrigation | East of Mesa Oak (71 Fwy)(CalTrans) | 21.78 |
| Caltrans | Landscape Irrigation | SE BRR & Shady View (71 Fwy) (CalTrans) | 51.34 |
| Caltrans | Landscape Irrigation | 1 Monte Vista Ave | 32.91 |
| Chino Hills Business Park | Landscape Irrigation | 15315 E Fairfield Ranch Rd | 7.04 |
| Chino Hills Business Park | Landscape Irrigation | 15325 Fairfield Ranch Rd | 6.09 |
| Chino Hills Business Park | Landscape Irrigation | 15330 A Fairfield Ranch Rd | 6.36 |
| Chino Hills Business Park | Landscape Irrigation | 15360 E Fairfield Ranch Rd | 8.76 |
| Chino Hills Storage | Landscape Irrigation | Chino Hills Storage (15315 Los Serranos Rd) | 0.89 |
| Chino Retail | Landscape Irrigation | 1 Soquel Canyon Pkwy | 9.93 |
| City | Landscape Irrigation | 15872 Soquel Canyon Pkwy | 0.45 |
| City | Landscape Irrigation | 15941 Fairfield Ranch Rd | 2.18 |
| City | Landscape Irrigation | 16370 Vista Ct (City) | 0.35 |
| City | Landscape Irrigation | 3550 Woodview Rd. | 7.24 |
| City | Landscape Irrigation | 4022 Soquel Canyon Rd. (Fieldstone) | 1.84 |
| City | Landscape Irrigation | 4670 Soquel Cyn Pkwy | 0.57 |
| City | Landscape Irrigation | 6085 butterfield ranch rd | 15.58 |
| City | Landscape Irrigation | 6087 butterfield ranch rd | 14.68 |
| Vellano Golf Course | Landscape Irrigation | 2681 Vellano Dr Vellano Golf Course (Open) | 0.00 |
| City | Landscape Irrigation | Butterfield Ranch Road (Picasso/Slate) | 7.71 |
| City | Landscape Irrigation | Butterfield Ranch Road (Pine/Park Crest) | 6.94 |
| City | Landscape Irrigation | Butterfield Ranch Road (Sagebrush/Pine) | 3.88 |
| City | Landscape Irrigation | Butterfield Ranch Road (St Gaudens/Picasso) | 8.53 |
| City | Landscape Irrigation | Butterfield Ranch Road/ Hidden Canyon | 1.45 |
| City | Landscape Irrigation | Butterfield Ranch Road/Park Crest | 8.02 |
| City | Landscape Irrigation | Butterfield Ranch Road/Sunny Meadows (1) | 11.20 |
| City | Landscape Irrigation | Butterfield Ranch Road/Sunny Meadows (2) | 14.22 |
| City | Landscape Irrigation | CHP/Ramona Ave | 0.00 |
| City | Landscape Irrigation | City of Chino Hills 1 Elinver Dr | 0.01 |
| City | Landscape Irrigation | City of Chino Hills 1 Elinver Dr | 0.00 |
| City | Landscape Irrigation | City of Chino Hills 16200 Slate Dr. | 3.41 |
| City | Landscape Irrigation | City of Chino Hills 4792 Sapphire Rd | 1.53 |
| City | Landscape Irrigation | Fairfield Ranch Neighborhood Park (16343 FRR) | 23.27 |
| City | Landscape Irrigation | Hunter Hill Drive | 2.03 |
| City | Landscape Irrigation | Hunter Hill Park on Natalie Road | 17.45 |
| City | Landscape Irrigation | Picasso E of Vermeer Dr, N side | 0.00 |
| City | Landscape Irrigation | Picasso E of Vermeer Dr, S side | 0.60 |
| City | Landscape Irrigation | Pine Avenue W of Mesa Oak | 1.40 |
| City | Landscape Irrigation | Rincon Park City of Chino Hills | 0.00 |
| City | Landscape Irrigation | Soquel Canyon /Sundance Hill Rd | 5.04 |
| City - Alterra Park | Landscape Irrigation | Alterra Park | 0.00 |
| City - Rincon Park | Landscape Irrigation | Rincon Park City of Chino Hills | 1.71 |
| Construction | Landscape Irrigation | 16347 Canyon Rim Dr (opened June 2009) | 1.39 |
| CUSD - Chapparal School | Landscape Irrigation | 4849 E Birdfarm Rd | 16.20 |

Appendix D
Recycled Water Users and Demands

| City of Chino Hills | | | |
|---|---|---|---|
| Recycled Water Customer | Type | Address | FY 08-09 Total Delivery (AFY) |
| CUSD - Chino Hills High School | Landscape Irrigation | 16150 Pomona Rincon Rd | 0.00 |
| Danbury Park | Landscape Irrigation | 15695 Fairfield Ranch Rd | 15.94 |
| Danbury Park | Landscape Irrigation | 15697 Fairfield Ranch Rd | 11.71 |
| Fairfield Ranch | Landscape Irrigation | Fairfield Ranch Business Park - Denny's | 6.56 |
| Fairfield Ranch Maint Assoc | Landscape Irrigation | 15953 Fairfield Ranch Rd | 6.33 |
| Fairfield Ranch Maint Assoc | Landscape Irrigation | 15966 Fairfield Ranch Rd | 8.57 |
| Felfam,Ltd | Landscape Irrigation | 15870 Soquel Canyon Pkwy #L | 3.85 |
| Fieldstone Comm | Landscape Irrigation | 16343 Canyon Rim Dr. (Fieldstone) | 3.30 |
| Fieldstone Comm | Landscape Irrigation | 16359 Canyon Rim Dr. (Fieldstone) | 11.51 |
| Fieldstone Comm | Landscape Irrigation | 16361 Canyon Rim Dr. (Fieldstone) | 22.52 |
| Fieldstone Comm | Landscape Irrigation | 3987 Golden Terrace Ln. | 11.99 |
| Fieldstone Comm | Landscape Irrigation | 3989 Golden Terrace Ln. | 5.70 |
| Higgins Ranch Comm Assoc | Landscape Irrigation | Heritage Dr E of Los Serranos Country Club | 6.81 |
| Higgins Ranch Comm Assoc | Landscape Irrigation | Heritage Dr W of Los Serranos Country Club | 3.84 |
| Higgins Ranch Comm Assoc | Landscape Irrigation | Heritage Dr/Old Hickory | 3.92 |
| Lexington @ Chino Hills HOA | Landscape Irrigation | 4915 Torrey Pines Dr. (Lexington HOA) | 1.81 |
| Los Serranos Golf | Landscape Irrigation | 15656 Yorba Ave | 203.61 |
| Los Serranos Golf Course | Landscape Irrigation | Los Serranos Golf Course greens | 0.00 |
| Los Serranos Golf Course | Landscape Irrigation | Pinehurst for LSCC | 149.52 |
| Los Serranos Ranch Comm Assoc | Landscape Irrigation | 4249 Soquel Canyon Pkwy | 1.26 |
| Pine Ave LLC | Landscape Irrigation | 5771 Pine Ave (5651 Pine Ave, LLC) | 2.62 |
| Pine Corporate Ctr Assoc | Landscape Irrigation | 5771 Pine B Ave | 6.22 |
| Pine Corporate Ctr Assoc | Landscape Irrigation | 5771 Pine A Ave | 9.58 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 16572 BRR N of Sagebrush | 9.94 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 16736 Quail Country/Sweet Grass | 13.63 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 16791 Morning Glory (Standard Pacific) | 9.07 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 16804 BRR S of Sagebrush | 6.90 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5331 Buttonwood (Standard Pacific) | 7.58 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5361 Ebony (Standard Pacific) | 6.14 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5378 Pine (Standard Pacific) | 10.33 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5381 Tipu Tree (Standard Pacific) | 8.97 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5393 Carob (Standard Pacific) | 11.71 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5488 Pine (Standard Pacific) | 4.92 |
| Pinehurst Hills Comm Assoc | Landscape Irrigation | 5641 Tipu Tree (Standard Pacific) | 10.96 |
| Pomona Rincon Villas | Landscape Irrigation | Pomona Rincon Villas | 0.00 |
| Ridgegate Neighborhood Assoc | Landscape Irrigation | 16341 Canyon Rim Dr. (Ridgegate HOA) | 21.85 |
| Ridgegate Neighborhood Assoc | Landscape Irrigation | 16343 Canyon Rim Dr (Ridgegate) | 0.27 |
| Ridgegate Neighborhood Assoc | Landscape Irrigation | 16347 Canyon Rim Dr. (Ridgegate HOA) | 12.61 |
| Ridgegate Neighborhood Assoc | Landscape Irrigation | 3987 Golden Terrace Ln. | 4.47 |
| Ridgegate Neighborhood Assoc | Landscape Irrigation | Ridgegate Neighborhood Assoc | 0.57 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 16679 High View (Centex) | 0.00 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 16857 Verbena (Centex) Sycamore Heights | 2.12 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 16857 Verbena east (Centex) | 16.20 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 4937 Glen View (Centex) | 10.39 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 5044 Glen View (Centex) | 1.54 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 5139 Glen View (Centex) | 13.28 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 5221 High View (Taylor Woodrow) | 4.37 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | High View /Buckwheat (Centex) | 8.33 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | High View at Opal (Centex) | 0.74 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | High View west (Centex) | 8.50 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | Highview & Glenview (Centex) | 11.61 |
| Sycamore Heights Comm Assoc | Landscape Irrigation | 5013 Glenview St | 0.28 |
| **Total Chino Hills Landscape** | | | **1,190.77** |
| Choung, Cu | Agricultural Irrigation | 15113 Monte Vista C Ave | 85.53 |
| **Total Chino Hills Agricultural** | | | **85.53** |
| BAPS Development Inc | 15113 A Monte Vista | Construction | 4.42 |

Appendix D
Recycled Water Users and Demands

| City of Chino Hills | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| Construction | 16341 Canyon Rim Dr. (Fieldstone) | Construction | 1.97 |
| Construction | 16347 Canyon Rim Dr. (Fieldstone) | Construction | 1.99 |
| Construction | Pinehurst Tract 14427 | Construction | 0.00 |
| Higgins | 16110 Butterfield Ranch Rd | Construction | 0.14 |
| **Total Chino Hills Construction** | | | **8.52** |
| **Total Chino Hills** | | | **1,284.83** |

Appendix D
Recycled Water Users and Demands

| Cucamonga Valley Water District | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| 10433 4th st | Landscape Irrigation | 10433 4th st | 3.90 |
| 9373 - 9405 Haven Av Landscape (median) | Landscape Irrigation | 11359 6th st | 7.27 |
| 9450 Buffalo | Landscape Irrigation | 9450 Buffalo | 0.00 |
| Cabot industrial trust | Landscape Irrigation | 11653 6th Landscape | 1.02 |
| CIP Real Estate | Landscape Irrigation | 9481 Haven | 8.01 |
| City of Rancho Cucamonga (e/o monument) | Landscape Irrigation | Milliken & 4th st | 0.77 |
| City of Rancho Cucamonga (median) | Landscape Irrigation | 11359 6th st | 0.55 |
| City of Rancho Cucamonga (median) | Landscape Irrigation | 11907 6th Street | 0.79 |
| City of Rancho Cucamonga (median) | Landscape Irrigation | 11067 6th st | 0.88 |
| City of Rancho Cucamonga (median) | Landscape Irrigation | 11469 6th st | 0.43 |
| City of Rancho Cucamonga (median) | Landscape Irrigation | 11549 6th st | 0.14 |
| CPT 6th & Cleveland LLC | Landscape Irrigation | 9199 Clevland Building #101 | 0.53 |
| CVWD | Landscape Irrigation | 9111 Cleveland | 1.20 |
| Facility Builders & Erectors | Landscape Irrigation | 11854 6th Street | 0.58 |
| Facility Builders & Erectors | Landscape Irrigation | 9080 Charles Smith Ave | 2.85 |
| Facility Builders & Erectors | Landscape Irrigation | 9029 Rochester Ave | 1.82 |
| Facility Builders & Erectors | Landscape Irrigation | 9040-9050 Charles Smith Ave | 1.03 |
| Facility Builders & Erectors | Landscape Irrigation | 11846 6th Street | 3.64 |
| Facility Builders & Erectors | Landscape Irrigation | 9051 Rochester Ave | 1.69 |
| Hilemen Development Co. | Landscape Irrigation | 9670 Haven Ave | 4.62 |
| Oak Creek Ranch Golf Club Inc (Empire Lakes) | Landscape Irrigation | 11015 6th St | 535.57 |
| Richard Dick & Associates | Landscape Irrigation | 9302 Pittsburg Ave | 5.05 |
| Rockafeller Group | Landscape Irrigation | 9461 - 9591 Pitsburgh ave | 1.51 |
| Alof Hotel | Landscape Irrigation | 10480 4th street | 16.78 |
| City of Rancho Cucamonga | Landscape Irrigation | 10601 6th st Landscape | 0.11 |
| City of Rancho Cucamonga | Landscape Irrigation | 9698 4th st pkwy | 0.06 |
| CPT 6th & Cleveland LLC | Landscape Irrigation | 9199 Clevland Building #102 | 7.10 |
| **Total CVWD Landscape Irrigation** | | | **607.85** |
| Frito Lay | Process | 9535 Archibald | 9.43 |
| **Total CVWD Industrial** | | | **9.43** |
| **Total CVWD** | | | **617.27** |

Appendix D
Recycled Water Users and Demands

| Monte Vista Water District | | | |
|---|---|---|---|
| **Recycled Water Customer** | **Type** | **Address** | **FY 08-09 Total Delivery (AFY)** |
| Alma Hofman Park | Landscape Irrigation | 5201 Benito Street | 0.98 |
| Buena Vista / Vernon School | Landscape Irrigation | 5675 San Bernardino Street | 0.87 |
| City Hall | Landscape Irrigation | 5111 Benito Street | 0.00 |
| City Hall Parking Lot | Landscape Irrigation | 9950 Fremont Avenue | 0.00 |
| Demonstration Garden | Landscape Irrigation | 4594 San Bernardino St | 18.28 |
| Golden Girls Softball | Landscape Irrigation | 9762 Benson Avenue | 0.20 |
| Kingsley Ball Park | Landscape Irrigation | 5575 Kingsley Street | 1.89 |
| Kingsley School | Landscape Irrigation | 5625 Kingsley Street | 0.64 |
| Lehigh Elem. | Landscape Irrigation | 10200 Lehigh Avenue | 0.00 |
| Library/City Hall | Landscape Irrigation | 9955 Fremont Avenue | 0.00 |
| Montclair High School | Landscape Irrigation | 4700 Block Orchard Street | 35.23 |
| Montclair Medical Center | Landscape Irrigation | 5000 San Bernardino Street | 0.00 |
| Monte Vista Elem. | Landscape Irrigation | 4900 Orchard Street | 0.00 |
| Saratoga Park | Landscape Irrigation | 5397 Kingsley Street | 9.93 |
| Sunrise Park | Landscape Irrigation | 5616 Princeton Street | 1.99 |
| Sunset Park E. | Landscape Irrigation | 4351 Orchard Street | 0.85 |
| Sunset Park W. | Landscape Irrigation | 4351 Orchard Street | 1.65 |
| Wildnerness Park | Landscape Irrigation | 4594 San Bernardino St | 27.10 |
| **Total MVWD Landscape Irrigation** | | | **99.61** |

# APPENDIX E

# Recycled Water Pressure Zone Map

# Pressure Zones

Oct 2009

## Legend

- Treatment Plant
- Reservoir
- Pump Station
- Cities
- IEUA Service Boundary

**Project Status Legend Key**

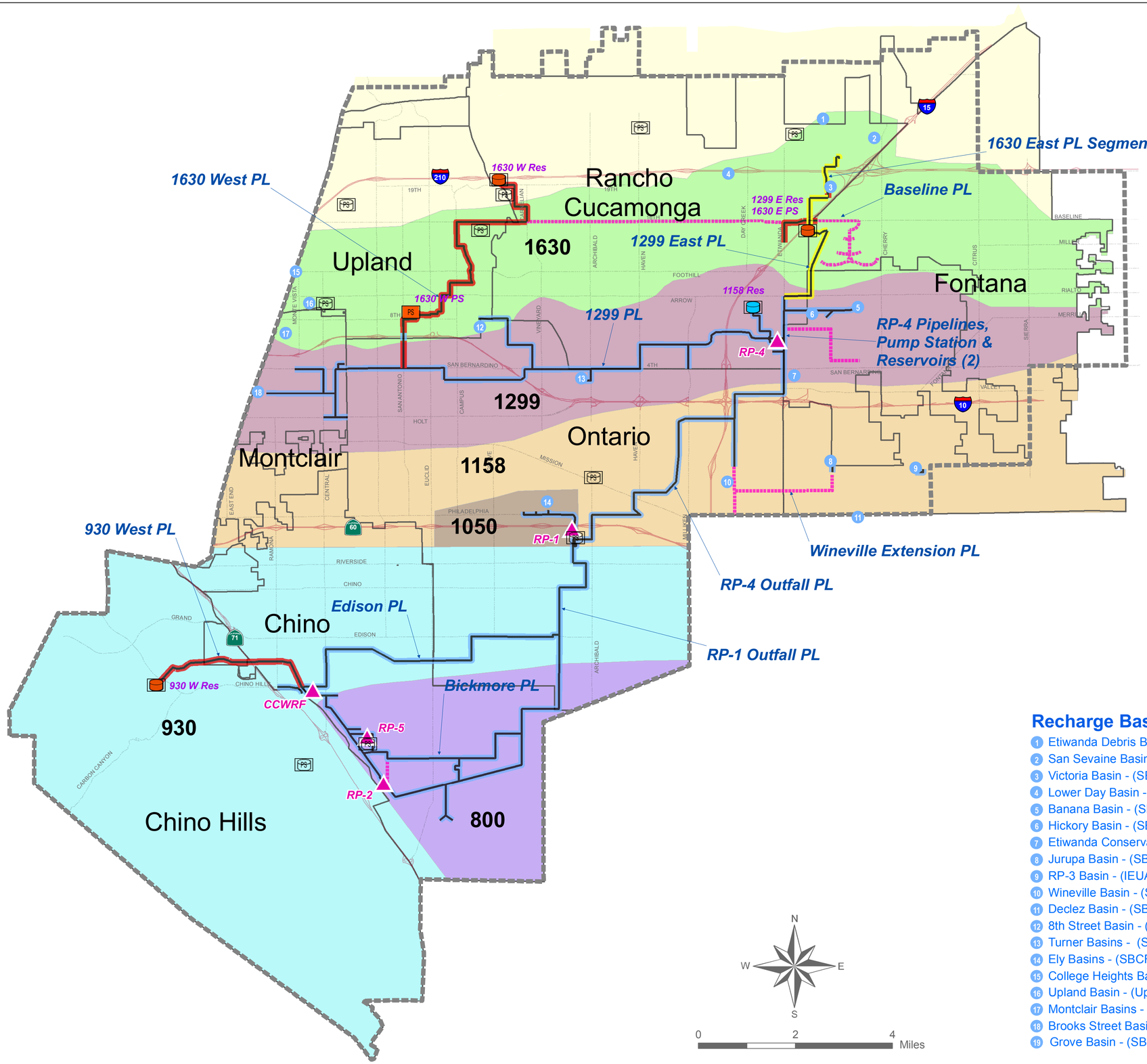
- Planning
- Bid
- Design
- Construction
- Operating

**PressureZone Oct 2009 Update**

**IEUAPZones**

- 800
- 930
- 1050
- 1158
- 1299
- 1630
- Outside

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

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## Recharge Basins (Owners)

1. Etiwanda Debris Basin - (SBCFCD)
2. San Sevaine Basins - (SBCFCD)
3. Victoria Basin - (SBCFCD)
4. Lower Day Basin - (SBCFCD)
5. Banana Basin - (SBCFCD)
6. Hickory Basin - (SBCFCD)
7. Etiwanda Conservation Basins - (SCE)
8. Jurupa Basin - (SBCFCD)
9. RP-3 Basin - (IEUA)
10. Wineville Basin - (SBCFCD)
11. Declez Basin - (SBCFCD)
12. 8th Street Basin - (SBCFCD)
13. Turner Basins - (SBCFCD/CBWCD)
14. Ely Basins - (SBCFCD/CBWCD)
15. College Heights Basins - (CBWCD)
16. Upland Basin - (Upland)
17. Montclair Basins - (CBWCD)
18. Brooks Street Basins - (CBWCD)
19. Grove Basin - (SBCFCD)

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