INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2002/03 TEN-YEAR CAPITAL IMPROVEMENT PLAN
FOR FISCAL PERIOD 2003/04 through 2012/13



Prepared
by
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I E U A

TYCIP

TEN-YEAR CAPITAL IMPROVEMENT PLAN

1.0 INTRODUCTION

The Inland Empire Utilities Agency (the Agency or IEUA) service area encompasses a 242-square mile area in the southwest corner of San Bernardino County, approximately 35 miles east of Los Angeles. The Agency provides regional wastewater service and imported water deliveries to seven Contracting Member Agencies, including:

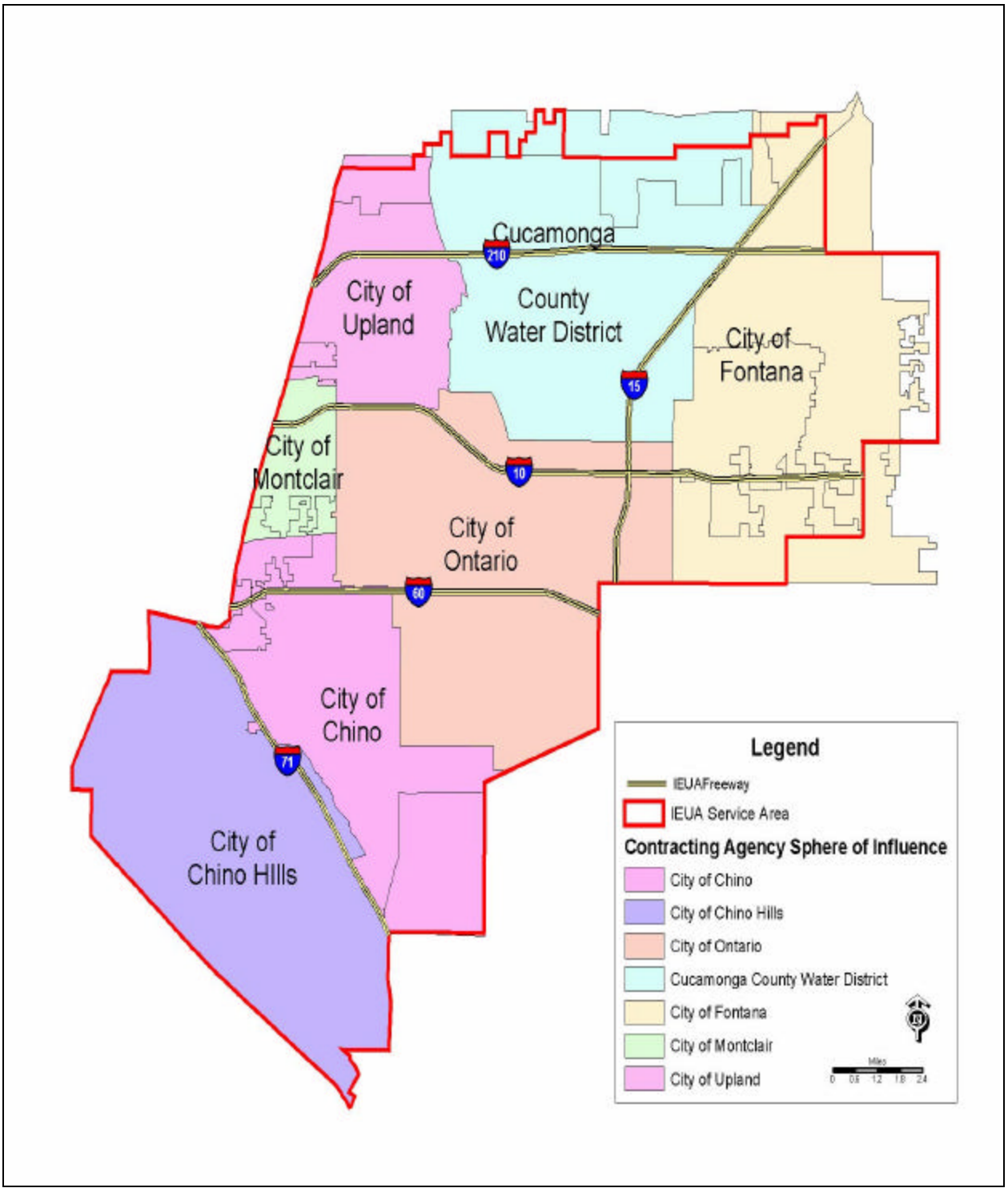
- City of Chino
- City of Chino Hills
- Cucamonga County Water District (CCWD)
- City of Fontana
- City of Montclair
- City of Ontario
- City of Upland.

Figure 1 depicts the IEUA service area and each Contracting Member Agency's sphere of influence.

Pursuant to the terms of the Regional Sewage Service Contract, a Ten-Year Capital Improvement Plan (TYCIP) is prepared each year to identify capital spending requirements needed to meet the growth forecasts of IEUA's Contracting Agencies. The forecasted capacity demands of the Member Agencies are compared to the expected dates of completion of capital improvement projects necessary to meet those demands. Secondly, the expected costs are compared against the forecasted revenues based on IEUA's budget and financial analyses. This allows projects to be prioritized and the Capital Capacity Reimbursement Payment (connection fee) to be adjusted to meet the identified needs of the system.

In August of 2002, the IEUA Board of Directors adopted a Wastewater Facilities Master Plan (WWFMP). The purpose of the WWFMP is to: (1) identify facilities that will need to be replaced/upsized in the near- and long-term to provide for expected population increases; (2) develop a phased implementation plan; (3) determine space and location needs for additional or expanded facilities; (4) develop strategies for flow diversion between service areas to optimize treatment capacity utilization; and (5) maximize water recycling, energy efficiency, and organics recycling. The WWFMP is intended to guide the development of the Agency's Ten-Year Capital

FIGURE I
CONTRACTING AGENCIES



Improvement Program. This Ten-Year Program is consistent with the WWFMP that was adopted in August of 2002.

In 2002, IEUA also concluded two other master planning efforts which are reflected in this TYCIP: (1) the Recharge Master Plan and (2) the Recycled Water System Feasibility Study. Both of these studies are consistent with the Optimum Basin Management Plan (OBMP) adopted by the Chino Basin Watermaster. The OBMP addressed the need to develop additional water sources within the Chino Basin to meet future demands through comprehensive groundwater recharge and water recycling programs. This Ten-Year Program will fully implement those plans. It includes projects designed to expand and interconnect IEUA's recycled water distribution lines into a fully-integrated system. It will also create an expanded and revitalized network of groundwater recharge basins which will conserve stormwater, recycled water, and imported water in the underground Chino Basin.

This Ten-Year Program includes ten-year and fifty-year wastewater flow forecasts, a description of the most significant capital improvement projects planned to meet those forecasts, a summary of the costs associated with the program, and a brief description of the financing program planned to implement the program. The financing program is consistent with the Agency's proposed Budget for Fiscal Year 2003/04 and the five-year business plan contained in that budget.

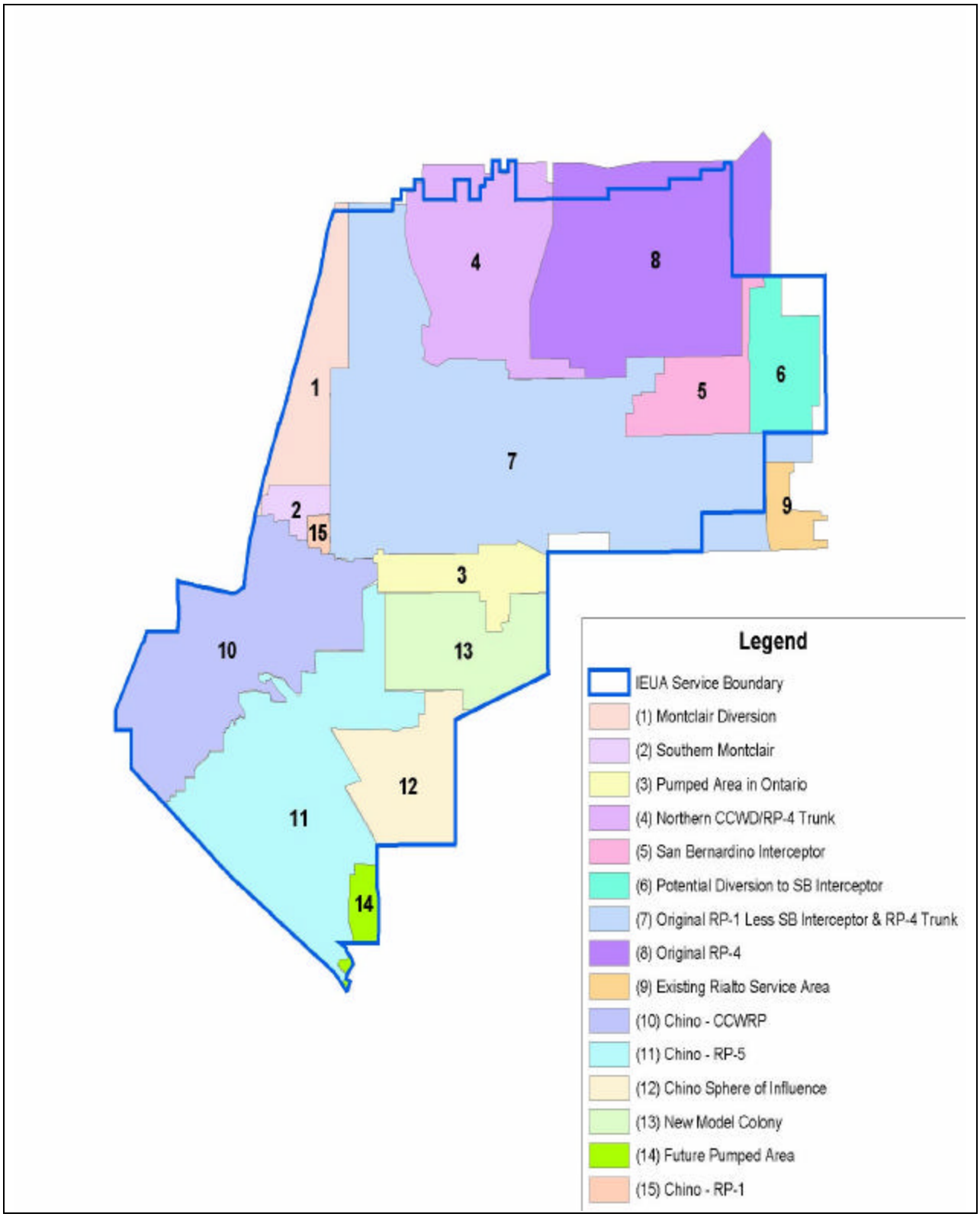
Besides keeping pace with forecasted capacity demands, this Ten-Year Program will implement proactive solutions to challenges facing the Agency. The program will increase self-generation of energy and improve energy efficiency--developing a renewable energy source and avoiding high energy costs and possible future shortages. It will improve local water supplies, reducing the need for expensive imported water; and it will provide a long-term, sustainable solution to the problem of organics management, recycling 100 percent of the Agency's biosolids. Within the foreseeable future, the Agency expects to realize substantial avoided costs as a result of these initiatives.

During the Ten-Year Program development process, IEUA identified some issues which will be increasingly important to consider in future forecasting and planning. One is the impact of water conservation on plant loadings and plant performance. Another is the coordination and timing of plant expansions to meet recycled water demands. A third issue is the potential cost impact of modifications which are now under consideration to the Santa Ana Regional Interceptor (SARI) System. Relocation of portions of the SARI pipeline that are in Orange County could carry a high price tag for the agencies that own capacity in the system. A fourth is the need to quantify alternative options for handling IEUA's filtrate wastewater streams other than disposal the Non-Reclaimable Waste System.

1.1 WASTEWATER SERVICE AREAS

Figure 2 illustrates the service area boundaries for IEUA's water recycling plants. The Agency's total service area is divided into two interrelated areas. The Northern Service Area (NSA) provides

FIGURE 2
SERVICE AREA BOUNDARIES AND REGIONAL PLANTS



wastewater treatment and water recycling at two regional facilities – Regional Plant No. 1 (RP-1) and Regional Plant No. 4 (RP-4), with RP-4 having the ability to bypass flow to RP-1. The Southern Service Area (SSA) provides wastewater treatment and water recycling at two additional regional facilities – Regional Plant No. 2 (RP-2) and Carbon Canyon Wastewater Reclamation Facility (CCWRF), with CCWRF also having the ability to bypass flow to RP-2.

Currently, IEUA is nearing completion of a third water recycling facility for the SSA. Regional Plant No. 5 (RP-5) is meant to replace the flood-prone RP-2 liquid processes and provide additional capacity for new development occurring in the Cities of Chino, Chino Hills, and Ontario. The RP-5 site is located about a mile north of the current RP-2 site -- just above the proposed Prado Dam 566-foot inundation elevation. Liquids handling at RP-2 will be discontinued when RP-5 comes on line in the fall of 2003. But RP-2 will continue to handle the wastewater solids generated by both RP-5 and CCWRF until the end of the useful life of the RP-2 solids treatment facilities, expected to be approximately 20 years from now.

1.2 REGIONAL TRUNK SEWER SYSTEM

Diverting or bypassing flow from one service area to another is possible through the use of the regional trunk sewers. Figure 3 illustrates the existing regional trunk sewer system and tributaryareas. The Northern Service Area has the ability to bypass domestic wastewater flows from RP-4 to RP-1 and also to the Southern Service Area and/or the Non-Reclaimable Waste (NRW) System, while the Southern Service Area has the ability to divert flows from CCWRF to RP-5/RP-2 and to the Santa Ana Regional Interceptor (SARI). The main routes for bypassing/diverting flow are:

- Currently, operators can bypass up to 6 million gallons per day (mgd) from RP-4 to RP-1 through the Etiwanda Interceptor.

- Operators can bypass 1 to 2 mgd from CCWRF to RP-2 through the Chino Interceptor.

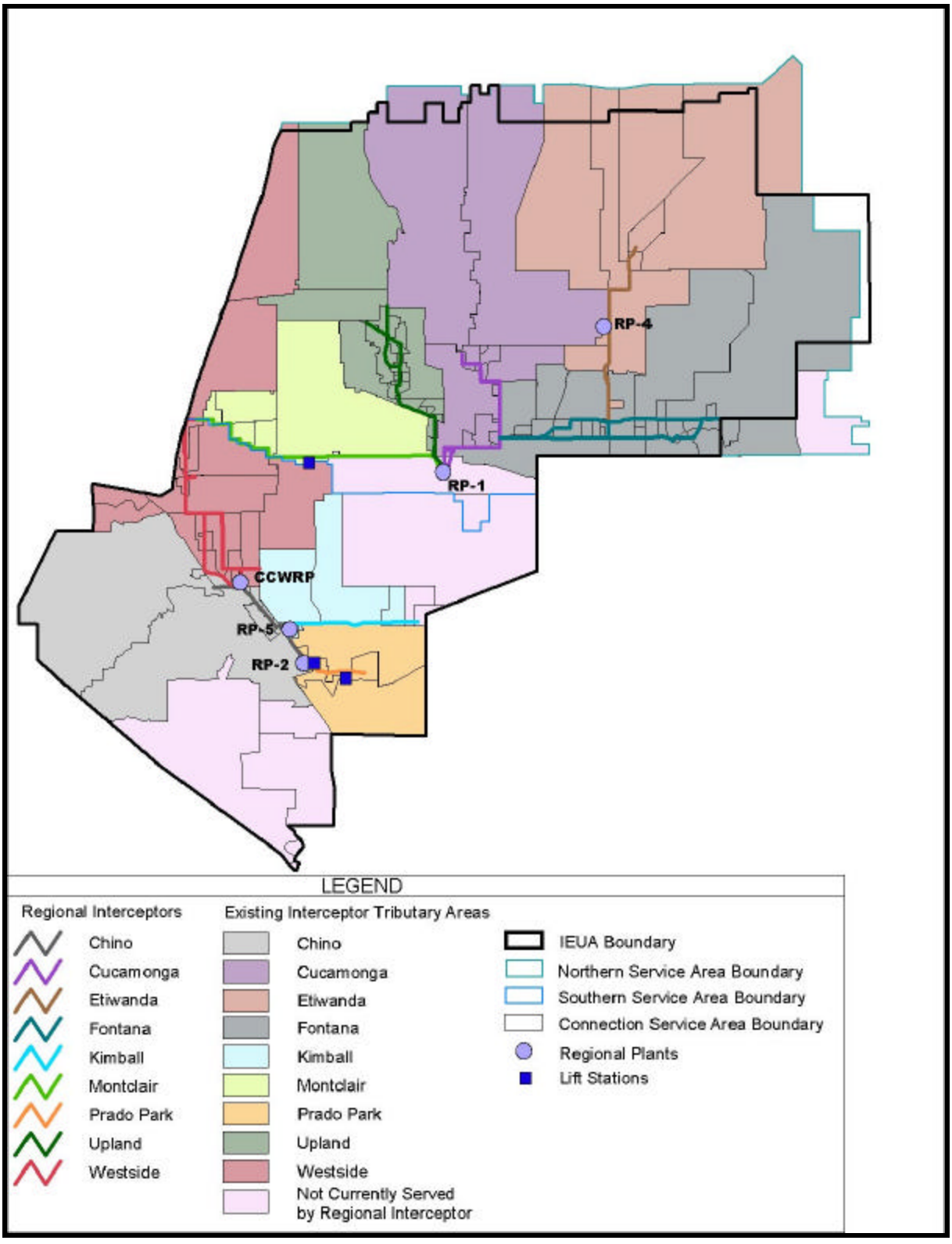
- When RP-5 is completed, it will be possible to divert several mgd from CCWRF to RP-5 through the Chino Interceptor.

- A portion of the flow from the Cities of Upland and Montclair can be diverted to either RP-1, through the Montclair Interceptor, or to CCWRF through the Westside Interceptor. The flow can be directed to either treatment facility at the Montclair Diversion Structure; however, diversions to RP-1 require pumping through the Montclair Pump Station.

- A portion of the flow from the City of Ontario, which is currently pumped to RP-1 for treatment, is anticipated to become tributary to RP-2/RP-5 upon completion of the City of Ontario and IEUA's joint Eastern Trunk Sewer, also referred to as the RP-1/RP-5 Bypass.

The Montclair Pump Station has a capacity of 2.5 million gallons per day (mgd), which is only a portion of the current flow to the Montclair Interceptor. In recent years, to save pumping costs, approximately 90 percent of the time all the flow to the Montclair Interceptor is directed and flows by gravity to CCWRF. Nevertheless, by convention, 2.5 mgd of the flow to the Montclair

FIGURE 3
EXISTING REGIONAL TRUNK SEWER SYSTEM AND TRIBUTARY AREAS



Interceptor is considered to "belong" to the RP-1 Service Area for purposes of flow forecasting.

2.0 WASTEWATER FLOW GROWTH FORECASTS

Exhibit I ("Unadjusted Service Area Flow Forecasts") at the end of this report shows wastewater flow projections for each regional plant's current service area, without reflecting any current or planned diversions and/or bypasses. Accordingly, Montclair Lift Station flows are shown as directed to RP-1. Exhibit II ("Northern Service Area Unadjusted Flow Forecast") shows the projections for RP-1 and RP-4 as well as the total for the NSA compared to planned total NSA treatment capacity. Exhibit III ("Southern Service Area Unadjusted Flow Forecast") shows the same information for CCWRF, RP-2/RP-5 and the aggregated SSA. All of these forecasts were based primarily on equivalent dwelling unit (EDU) growth projections that were provided by IEUA's Contracting Agencies in September of 2002. Appendix A contains the incremental EDU growth information provided by the Contracting Agencies tabulated by service area. Growth in the number of EDUs was added to the system flows and committed capacity to project future flows.

2.1 ANTICIPATED GROWTH

The anticipated flow increases within the system are summarized in Table 1 ("Regional System Flow and Capacity Utilization Summary"). A 24-percent increase in total system flow is expected over the course of the next ten years. This year's growth forecast is generally consistent with last year's forecast. Growth within the NSA is expected to result in an unadjusted flow of 55.6 mgd by FY 12/13. Growth within the SSA is expected to produce an unadjusted flow of 16.3 mgd within the same time period. Combined, this year's growth forecast is expected to produce 71.9 mgd of flow by FY 2012/13. (Note that the RP-1 forecast, by convention, includes 2.5 mgd from the Montclair Diversion.) Treatment capacity expansions will be required to accommodate flows beyond the current total system capacity of 66.2 mgd. System-wide, a 17.0-mgd increase in net treatment capacity is planned -- from 66.2 mgd to 83.2 mgd. This includes: (1) a net 10.0-mgd increase when RP-5 replaces RP-2; and (2) a 7.0-mgd expansion at RP-4. This will provide ample capacity to treat the forecasted total system flow of 71.9 mgd in FY12/13. In addition, if future satellite plants are constructed, another 1 – 2 mgd of capacity will become available in FY12/13.

For individual service areas, Table 1 compares the "unadjusted flow," which does not include diversions or bypasses, with the "adjusted flow," which takes into account planned diversions and bypasses. Table 1 reveals that, at the end of the ten-year period, the planned diversions, bypasses, and expansions allow the Agency to achieve the twin goals of: (1) increasing reuse potential in the upper Northern Service Area by keeping more flow at RP-4; and (2) optimizing capacity utilization at the other three regional plants by balancing flows between the NSA and SSA. Note that at the end of the TYCIP, RP-4 capacity is 91% utilized while the capacity utilization at the other three plants is 85-86%.

Recent building activity reports for the first half of FY 2002/03 have signaled a rise in EDU growth rates above what the Contracting Agencies in the RP-4 service area predicted. A sensitivity analysis was performed to confirm that the current TYCIP provides adequate treatment capacity in case of continuing higher growth rates in the Northern Service Area. The high-growth alternative RP-4 forecast, presented in Exhibit VIII, shows that the capacity of RP-4 could be 100% utilized as

early as FY04/05. The RP-4 expansion to 14 mgd is not scheduled for completion until FY07/08. If growth rates in the RP-4 service area were to exceed the forecast, then some flow would be bypassed to the Southern Service Area. This can be accomplished using the Montclair Diversion to reroute up to 2.5 mgd and the Etiwanda Interceptor/RP-1/RP-5 Bypass to reroute up to 6 mgd when the RP-1/RP-5 Bypass is completed. The RP-1/RP-5 Bypass is scheduled to be completed in FY04/05. Excess treatment capacity would be available in the Southern Service Area, at CCWRF and RP-5, to handle the bypassed flows until completion of the RP-4 expansion.

TABLE 1
REGIONAL SYSTEM FLOW AND CAPACITY UTILIZATION SUMMARY

Forecasted Average Flow for Fiscal Year (MGD)								
	FY 2002/2003 Forecast				FY 2012/2013 Forecast			
Treatment Plant	**Estimated Service Area Flow**	**Adjusted Influent Flow**	**Capacity**	**Percent Capacity Utilization**	**Estimated Service Area Flow**	**Adjusted Influent Flow**	**Capacity**	**Percent Capacity Utilization**
	(Unadjusted)			**(Adjusted)**	**(Unadjusted)**			**(Adjusted)**
Northern Service Area								
RP-1	40.5[1]	38.0	44.0	86%	47.2[1]	37.6	44.0	85%
RP-4	5.1	5.1	7.0	73%	8.4	12.8	14.0	91%
Subtotal	45.6	43.1	51.0	85%	55.6	50.4	58.0	87%
Southern Service Area								
CCWRF	8.2	9.9	10.2	96%	8.8	8.8	10.2	86%
RP-2/RP-5	4.0	4.8	5.0	96%	7.5	12.7	15.0	85%
Subtotal	12.2	14.7	15.2	96%	16.3	21.5	25.2	85%
Total	57.8	57.8	66.2	87%	71.9	71.9	83.2[2]	86%

[1]Unadjusted RP-1 service area flow includes 2.5 mgd from Montclair Diversion.
[2]Planned future satellite plants could provide an additional 1 to 2 mgd of capacity in FY12/13.

2.2 50-YEAR FLOW PROJECTION

As indicated by Exhibit IX ("Regional System 50-Year Flow Projections"), wastewater flows have been projected to reach 155 mgd by the year 2050. This projection was developed as part of the comprehensive Wastewater Facilities Master Plan that was adopted in August of 2002. The Master Plan presented 50-year growth projections based on two different methods – the Historical Trend Method and the Population and Land Use Method. In Exhibit IV, the lower curve is based on the

"Historical Trend Method" and the higher curve is based on the "Population and Land Use Method." In order to provide a reasonably conservative analysis of possible needs for future expansion, the adopted 50-year forecast in the Master Plan is intermediate between the Historical Trend Method curve and the Population and Land Use Method curve. The resulting Master Plan estimates of future growth are somewhat higher than the Contracting Agencies' growth forecasts, which correspond more closely to the Historical Trend Method curve.

3.0 REGIONAL SEWAGE SYSTEM CAPITAL IMPROVEMENT PROGRAM

The Agency's budget and TYCIP are divided into several different funds/program areas. The Regional Domestic Sewage System Capital Improvement (RC) Fund identifies all of the costs associated with acquisition and construction of wastewater treatment facilities required in response to growth in the service area, equipment or process modifications and upgrades, or for projects required to meet increasingly stringent environmental regulations. The RC Fund, also called the Regional Sewage Fund or Regional Capital Improvement Fund, was established as a result of the Regional Sewage Service Contract obligating the Agency to receive, process, and dispose of all domestic wastewater delivered by the Contracting Agencies. Additionally, the RC Fund records the principal payments, interest expenses, and related administrative costs associated with debt service.

The ten-year CIP focuses on implementing the recommendations of the Wastewater Facilities Master Plan adopted by the IEUA Board of Directors in August of 2002. The adequacy of the capital improvement program is demonstrated by the projected flow and capacity comparisons for individual regional plants presented in Exhibits IV through VII at the end of this report. Adjustments to the forecasted flow curves take into account the Agency's ability to make planned diversions within the system to optimize the use of existing capacity. Capacity-related capital improvements are also indicated on the adjusted flow curves.

The increases in regional plant treatment capacity planned for the next ten years to keep pace with the forecasted growth include:

- Completion of 15 mgd of liquids treatment capacity at RP-5 in FY03/04;
- Expansion of the RP-4 liquids treatment capacity from 7 to 14 mgd in FY07/08; and,
- Construction of up to two, 1-mgd satellite plants by FY12/13.

Total system capacity will be 76.2 mgd with completion of the first phase of construction of RP-5 at the end of 2003 and will increase to 83.2 mgd with completion of the first expansion of RP-4 in FY07/08. In addition, although it has not been included in the forecast, it is possible that an additional 1.2 mgd of capacity will be freed up at CCWRF if the recycle flow from RP-2 solids dewatering is discharged to the SARI instead of being pumped up to CCWRF for treatment. The discharge permit for CCWRF allows 11.4 mgd to be treated at the facility, including 1.2 mgd of recycle flow from RP-2. If the recycle flow is eliminated from CCWRF, the available capacity for treating service area flow would be 11.4 mgd. At this time, the Agency is still evaluating alternatives for handling the recycle flow from RP-2, including treatment at CCWRF, treatment at RP-5, and discharge to SARI.

The TYCIP includes satellite plants to be constructed in the upper portion of IEUA's watershed to facilitate the reuse of the treated water without the need to pump from existing large plants down-gradient. The construction of up to two small satellite plants has been included in the last three years of this TYCIP. As economics dictate, it is possible that the construction of this type of facility could be scheduled sooner. Currently, studies are being conducted to determine the financial feasibility of such plants and the optimum siting and location. The conclusions will be incorporated in the next TYCIP.

Opportunities for water recycling will further be maximized by diversion of wastewater to RP-4 from some areas now tributary to RP-1. This will optimize the use of existing treatment plant capacity and allow better quality water (lower in salts) to be treated higher in the watershed where it can be utilized for industrial applications, irrigation, and groundwater replenishment. The expansion of RP-4's treatment capacity from 7 to 14 mgd, completion of the new RP-4 Trunk Sewer, and construction of the San Bernardino Avenue Pump Station and Force Main are all part of this plan.

Completion of the RP-1/RP-5 bypass pipeline, expected in mid-FY04/05 will help to optimize existing system capacity and defer the need for construction of more RP-1 treatment capacity until beyond the TYCIP window. It will also have odor control benefits by eliminating the need for storing primary-treated wastewater in equalization ponds. The pipeline will be constructed with the capacity to bypass 9 mgd of average daily flow from the Northern Service Area to the Southern Service Area.

In addition to providing needed liquids and solids treatment capacity, the TYCIP includes projects that are designed to improve energy efficiency and modernize facilities. Many of the projects have multiple benefits including reducing odors and lowering the nitrogen concentration in recycled water. A new nitrogen limit is expected to be adopted by the California Regional Water Quality Control Board, Santa Ana Region within the next six months. There is expected to be a compliance schedule to give the Agency a few years time to implement construction projects necessary to achieve full compliance the new limits. The TYCIP includes upgrade projects at existing facilities (RP-1, RP-4 and CCWRF) which will make progress toward reducing nitrogen as well as achieve other objectives. New facilities (including RP-5 and RP-4 expansion) will be designed and constructed to meet the anticipated lower TIN limits.

3.1 NORTHERN SERVICE AREA CAPITAL IMPROVEMENT PROGRAM

Because of forecasted growth within the NSA, expansion of existing wastewater facilities will be required to treat expected domestic wastewater flows. As discussed earlier, the Agency plans to expand RP-4 first to facilitate recycled water use at higher elevations, and to wait to expand RP-1 until beyond the current ten-year planning window.

3.1.1 RP-4 Service Area

As indicated in Exhibit IV ("RP-4 Flow Forecast"), the gross service area flows tributary to RP-4 are expected to increase at an average rate of about 0.3 mgd per year over the next ten years. It is forecasted that RP-4 will need to be expanded from 7.0 to 14.0 mgd by FY07/08 to keep up with

projected growth within the service area. As discussed previously, higher growth rates could occur in the next one to two years (producing up to 1.0 mgd per year of additional flow), but these high growth rates are expected to subside. As indicated in Exhibit VIII ("RP-4 High Growth Rate Alternative"), if the higher growth rates were to continue, exceeding the forecast, bypassing to the SSA would be necessary. This could be accomplished using existing and proposed regional trunk sewers and excess capacity at RP-1 and RP-5.

The adjusted RP-4 flow forecast in Exhibit IV indicates that RP-4 will be operating at approximately 91 percent capacity utilization at the end of the ten-year period. The Wastewater Facilities Master Plan projects that a second expansion of RP-4 will be needed by the year 2020. The current TYCIP flow projections support the conclusion that an expansion would need to be completed by about the year 2016. This means that design of the expansion would need to begin near the end of this ten-year CIP. Accordingly, the design effort should be incorporated into next year's TYCIP.

Prior to the first expansion of RP-4, liquids treatment system improvements are planned to improve energy efficiency and water quality. The project is expected to accomplish both energy load reduction and nitrogen reduction through upgrades including installation of a more efficient aeration system. These system upgrades are projected to be completed in FY03/04.

This TYCIP includes completion of design and construction of the San Bernardino Avenue Interceptor, Pump Station and Force Main facilities in FY07/08, coinciding with the first RP-4 expansion. As part of the Fontana Settlement Agreement, the City of Fontana will construct a new gravity sewer and divert a portion of the wastewater originating north of San Bernardino Avenue away from the Fontana Interceptor toward the intersection of San Bernardino Avenue and the San Sevaine Wash. (Currently, this wastewater flows by gravity through the Fontana Interceptor to RP-1.) A pump station and force main will then be constructed by IEUA from the San Sevaine Wash to RP-4, where the wastewater will be treated and recycled. When the pump station is completed, it is forecasted that the flow from the tributary area of the pump station will be 6.2 mgd. Of this, it is planned that 4.3 mgd will be pumped to RP-4, where it will be available for recycling and reuse.

This TYCIP also includes completion of design and construction of the RP-4 Trunk Sewer in FY07/08. This trunk sewer has been planned in order to divert more wastewater flow to RP-4 from areas now tributary to RP-1 to maximize reuse potential and better balance treatment capacity throughout the IEUA. The RP-4 Trunk Sewer will be located in the Cucamonga County Water District (CCWD) service area to intercept raw wastewater which now flows through the Cucamonga Interceptor to RP-1 for treatment. A total of five reaches are master planned for ultimate conditions, but only the first three are included in this TYCIP. The adjusted RP-4 flow forecast in Exhibit IV does not show the flow from the RP-4 Trunk Sewer being diverted to RP-4 in FY07/08 because there will not be enough capacity at RP-4 at that time. The forecasted flow from the RP-4 Trunk Sewer is 5.0 mgd at the end of FY07/08, according to CCWD projections, increasing to 5.5 mgd by the end of FY12/13. With this flow included, the adjusted RP-4 flow forecast would be in excess of 16.2 mgd in FY07/08. Since the capacity of RP-4 will only be 14 mgd at that time, most of the flow from the RP-4 Trunk Sewer would be treated at RP-1 until another expansion at RP-4. The timing of construction of the RP-4 Trunk Sewer and the San Bernardino Pump Station will be reviewed as part of the NSA master planning process.

3.1.2 RP-1 Service Area

As indicated in Exhibit V ("RP-1 Flow Forecast"), the gross service area flows tributary to RP-1 are expected to increase at an average rate of about 0.7 mgd per year over the next ten years. For the past few years, essentially all of the flow from the Montclair Diversion has been directed to CCWRF rather than RP-1 to reduce the Agency's pumping costs. Since 2.5 mgd of the flow to the Montclair Diversion is nominally considered to belong to the RP-1 service area, the redirection of this flow to CCWRF results in an adjusted flow forecast that is 2.5 mgd below the gross service area flow forecast.

Another reduction in flow to RP-1 is expected when the RP1/RP-5 Bypass is completed in FY04/05. The RP-1/RP-5 Bypass has been planned in order to balance treatment capacity throughout the IEUA. The Master Plan projected that approximately 20 mgd of average daily wastewater flow may ultimately need to be bypassed from RP-1 to RP-5 because more wastewater is generated in the NSA than can be accommodated in the planned treatment facilities. The Agency intends to utilize the City of Ontario's proposed master planned trunk sewers for the New Model Colony (i.e., the Eastern Trunk Sewer and the Western Trunk Sewer) to serve this purpose. Completion of the bypass will allow the City of Ontario to phase out the use of their lift stations which now pump wastewater to RP-1 from areas of the City that cannot gravity flow to RP-1.

The Bypass can also facilitate control of odors at RP-1. Through bypassing 4 to 5 mgd of RP-1's peak dry weather flow, it will be possible to reduce or eliminate the need for storage of primary effluent in the large, on-site primary effluent equalization basins at RP-1, except during wet weather. The storage of primary effluent generates odors under certain wind conditions, and the Agency desires to reduce these odors by bypassing the peak daily flows to RP-5 instead of storing them in the RP-1 equalization basins.

The adjusted RP-1 flow projection in Exhibit V includes bypassing of 4 mgd from RP-1 to RP-5 for odor control. Also included for FY04/05 is the redirection of another 1.1 mgd from RP-1 to RP-5 as the City of Ontario implements their plan to phase out the use of their lift stations that now pump raw sewage to RP-1. It is expected that the sewage pumped by at least one of the lift stations (Deer Creek) will begin to flow by gravity to RP-5 through the Eastern Trunk Sewer and Kimball Interceptor in FY04/05. Near the end of the ten-year period, two more lift stations could be eliminated, rerouting up to 2.5 mgd from RP-1 to RP-5 if capacity is available. The timing of retirement of the lift stations is highly dependent upon the City's development schedule for the New Model Colony. Only the elimination of the first lift station has been included within the ten-year window for the flow forecast shown in Exhibit V. In addition, in FY07/08, with the completion of the Phase I expansion of RP-4 and the San Bernardino Interceptor and Force Main, it is forecasted that 4.3 mgd will be redirected from RP-1 to RP-4.

With these expected diversions, assuming that growth in the RP-1 service area does not exceed forecasted levels, the adjusted flows to RP-1 would be only at about 85 percent of capacity at the end of the TYCIP and the need for expansion of RP-1 would be postponed to beyond the ten-year period. However, the Wastewater Facilities Master Plan projected that an expansion from 44 to 52 mgd would be needed at RP-1 before the year 2020. The current TYCIP flow projections support the conclusion that, if RP-4 is expanded to 21 mgd, a further expansion at either RP-1 or RP-4 would not be needed until about the year 2023.

For RP-1, the TYCIP includes process upgrades to cost-effectively maintain or increase treatment process performance as flow rates increase and potentially lower nitrogen limits take effect. Aeration capacity and sidestream treatment projects, including: "RP-1 Blower Upgrade" and "RP-1 Belt Press Filtrate Treatment System" will be implemented by the end of FY04/05. In addition, a major project, "RP-1 Primary-to-Secondary Effluent Equalization/Nitrogen Reduction," is scheduled to be designed and constructed between FY09/10 and FY12/13. It is expected that the design will provide one additional aeration basin system, including two aeration trains and multiple secondary clarifiers. However, the project is intended to be updated between now and the start of design to address changes in technology. It will include an evaluation of aeration basin design and performance and the potential use of anoxic zones to increase aeration capacity and enhance nitrogen removal. As currently envisioned, the project will simultaneously meet several objectives: (1) remove nitrogen; while (2) maintaining or increasing plant capacity; and (3) eliminate a substantial plant odor source—primary effluent equalization—by converting the plant from primary to secondary effluent equalization.

3.2 SOUTHERN SERVICE AREA CAPITAL IMPROVEMENT PROGRAM

Upon the completion of RP-5, expected in the fall of 2003, the Southern Service Area will have a net increase in treatment capacity of 10 mgd. RP-2 will be taken out of service as a liquids treatment facility. As mentioned previously, solids processing at RP-2 will continue for several more years until the end of the solids processing equipment's useful life.

3.2.1 CCWRF Service Area

It is possible to balance flows operationally between CCWRF and RP-2 using the Chino Interceptor as a bypass line. Both plants are currently operating at between 95 and 100 percent of capacity. Once RP-5 is completed, flows will then be operationally balanced between CCWRF and RP-5 using the Chino Interceptor and Diversion structure.

As indicated in Exhibit VI (CCWRF Flow Forecast), the gross service area flows tributary to CCWRF are expected to increase at an average rate of about 0.1 mgd per year over the next ten years. Assuming at least 2.5 mgd is bypassed to RP-2 or RP-5, it will not be necessary to expand CCWRF during the next ten years. This forecast is consistent with the Master Plan, which projected the need to expand CCWRF to 15 - 20 mgd between the years 2020 and 2030.

At CCWRF, as with the other regional water reclamation facilities, IEUA is gearing up to meet new nitrogen discharge limits expected to go into effect within the next two to three years. During FY03/04 and FY04/05, aeration system modifications are planned at CCWRF in order to meet lower nitrogen discharge limits without sacrificing treatment capacity. This project was in last year's TYCIP, but it has been moved forward two years in order to allow completion before the new limits are in effect.

3.2.2 RP-2/RP-5 Service Area

As indicated in Exhibit VII ("RP-5/RP-2 Flow Forecast"), the service area flow rates tributary to RP-2/RP-5 are expected to increase sharply in FY03/04 and FY04/05 as the Cities of Ontario and Chino sewer portions of their agricultural areas and as the Eastern Trunk Sewer is completed. Over the next ten years, RP-2/RP-5 gross service area flows are projected to increase at an average rate of about 0.4 mgd per year. At the end of the TYCIP period, the gross service area flow to RP-5 will equal only

about half of RP-5's 15-mgd capacity. An additional 6 to 7 mgd of capacity will be used by bypasses from upstream plants.

The Wastewater Facilities Master Plan projected the need for an expansion at RP-5 from 15 up to 30 mgd by the year 2010. The current flow projections indicate that an expansion would be needed somewhat later, between 2013 and 2018. The timing depends on how soon the City of Ontario retires its lift stations in the New Model Colony area. According to the City's projections, there could be another 2.6 mgd of flow redirected from RP-1 to RP-5 through the RP-1/RP-5 Bypass near the end of the ten-year forecast period. Since the timing is currently uncertain, this issue should be reexamined prior to next year's TYCIP process.

4.0 REGIONAL CAPITAL IMPROVEMENT PROGRAM COSTS

The complete listing of proposed capital projects and costs is contained in Appendix B ("Proposed Capital Projects Summary"). This year's TYCIP calls for $224-million in total capital expenditures for Regional Sewage Program Capital Improvement (RC) work over the next ten years, including replacement and construction projects. Generally, the current TYCIP is comparable to last year's plan, which projected total RC construction and replacement costs of $215-million.

4.1 MAJOR REGIONAL SEWAGE PROGRAM PROJECTS

Table 2 ("Major Regional Sewage Program Projects") lists the largest RC projects, in terms of total project cost, by service area. The projects listed in Table 2 account for 93 percent of the $224 million budgeted for RC projects. Within the RC Program, the "top five" areas of expenditures are:

- RP-4 liquids and solids expansions;
- RP-2/RP-5 liquids and solids expansions;
- Satellite plants;
- RP-1/RP-5 Bypass; and
- RP-1 secondary treatment process improvements.

4.1.1 RP-4 Service Area

For the RP-4 service area, the major cost difference between this TYCIP and last year's TYCIP is a $24.3 million decrease in expenditures for constructing solids handling facilities. This is due to delaying completion of the "RP-4 Solids Expansion to 14 MGD" project beyond FY12/13, rather than to a change in total project budget. The projected expenditures for other major projects in the RP-4 service area, including the "RP-4 Liquids Expansion to 14 MGD" project, are essentially

TABLE 2
MAJOR REGIONAL SEWAGE PROGRAM CAPITAL PROJECTS

SERVICE AREA	TYCIP COST
RP-4	
• RP-4 Liquids Expansion to 14 MGD	$34,700,000
• Two (1 MGD) Satellite Plants	24,500,000
• RP-4 Trunk Sewer Construction	9,000,000
• RP-4 Liquids Trtmnt Process Mods (Nitrogen/Energy Load Reduction)	8,500,000
• RP-4 Solids Expansion to 14 MGD	5,100,000
• San Bernardino Ave. Pump Station	4,700,000
• RP-4 and RP-3 Land Acquisition	3,400,000
RP-1	
• Secondary Treatment Process Improvements	30,300,000
• RP-1 Solids Handling Improvements	8,800,000
• Odor Control	7,200,000
• Chlorine Contact Basin Expansion	4,000,000
• Sidestream Handling Improvements	3,800,000
• Modernization	4,000,000
• Upland Interceptor Relief Sewer	1,300,000
CCWRF	
• CCWRP Aeration System Modification	3,600,000
• CCWRF Chlorination Facilities	1,400,000
RP-2/RP-5	
• RP-5 Solids Handling Facilities	15,000,000
• RP-1/RP-5 Bypass and Kimball Avenue Extension	12,200,000
• RP-5 Renewable Energy Generation Efficiency	11,800,000
• Completion of RP-5 Liquids Treatment Expansion	11,200,000
• Chino Creek Park	2,800,000
• RP-2 Solids Handling Improvements (3-Phase Digestion)	1,500,000
Total-- Major Regional Sewage System Projects	***$209,000,000***
Total--All Regional Sewage System Projects	***$224,000,000***

unchanged. Similarly, the projected expenditures for upgrading the existing 7-mgd RP-4 plant are approximately the same, but some smaller upgrade projects were consolidated into a single project, "RP-4 Energy Load Reduction Facilities." This project has been redefined to incorporate more efficient technologies that will reduce energy loads while maintaining or increasing capacity and water quality.

4.1.2 RP-1 Service Area

For the RP-1 service area, the most notable difference between this TYCIP and last year's TYCIP as far major construction and replacement expenditures is an increase of $8.1 million dollars in the projected budget for secondary treatment process improvements to increase aeration efficiency, reduce odors and improve water quality. In addition, the projected expenditures for the "RP-1 Solids Control Building Equipment" project and other solids handling improvement projects were increased by a net $1.7 million to allow automation, updating of equipment, and additional solids storage facilities. The projected expenditures for odor control at RP-1 and Agency-wide odor management were also increased by $2.0 million.

4.1.3 CCWRF Service Area

For the CCWRF service area, the major cost difference between this TYCIP and last year's TYCIP is due to inclusion of a new project: "CCWRP Aeration System Modification." This project will provide the plant with a more efficient aeration system and ultimately increase treatment quality. A similar project was included in last year's TYCIP, but it was moved forward two years to coincide with expected new nitrogen requirements and the budget was increased by $0.7 million.

4.1.4 RP-2/RP-5 Service Area

For the RP-2/RP-5 service area, the main difference between this TYCIP and last year's TYCIP as far as major construction expenditures is the addition of a new project, "RP-5 Renewable Energy Generation Efficiency." This project has a budget of $11.9 million (minimum $2.3 million to be grant funded), to design and construct innovative power generation systems for RP-5. In addition, work on the "RP-5 Solids Handling Facilities" project is expected to begin in FY12/13 at a cost of $8 million in that year (total multi-year project budget unchanged).

4.1.5 Timing and Distribution of Capital Improvement Expenditures

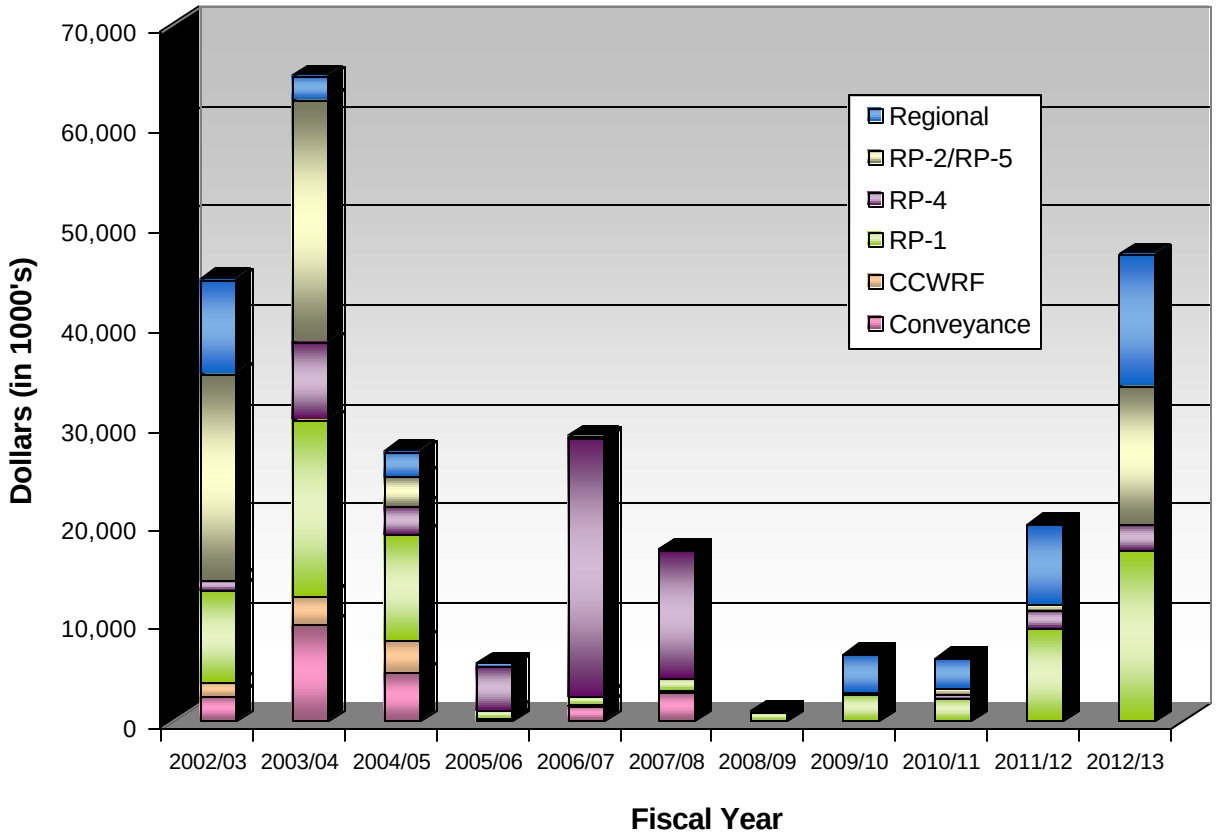
This TYCIP covers the ten-year period from FY03/04 through FY12/13. Figure 4 ("Regional Capital Improvement Program Expenditures") illustrates the timing and distribution of planned Regional Sewage (RC) Fund capital project expenditures by year and by service area. Projects which serve multiple service areas are categorized as "regional." Construction of satellite plants has been included under "regional," for example. Conveyance projects (pipelines and pump stations) are shown as a distinct category. The current fiscal year (FY02/03) is included in Figure 4 for reference, although the TYCIP actually begins with FY03/04.

Figure 4 illustrates the following general trends. The average of capital project expenditures for the next ten years is projected at $22.4-million per year, with the highest expenses scheduled in the first year, the fourth year, and the last year of the TYCIP. In the current fiscal year, the majority of expenditures are occurring at RP-5, due to progress toward completion of the RP-5 liquids treatment facilities. But in FY03/04 and 04/05, the center of expenditures shifts to RP-1, where process improvements, odor

control, modernization, and completion of the RP-1/RP-5 Bypass are scheduled to be underway. In the next three years of the TYCIP, the focus of expenditures is scheduled to shift to the RP-4 service area as the RP-4 expansion to 14 mgd, the San Bernardino Avenue Pump Station, and RP-4 Trunk Sewer are constructed.

In FY08/09 through FY11/12, since there are no major treatment capacity expansions scheduled, expenditures for projects which are regional in scope are scheduled to become more dominant, especially land acquisition and development of satellite plants. Expenditures for modernization and process improvements/nitrogen reduction/odor control at RP-1 are also scheduled. In the last year of the TYCIP, major expenditures are scheduled to: (1) complete work on satellite plants; (2) construct solids handling facilities at RP-5; and (3) complete the odor control and nitrogen reduction improvements at RP-1.

FIGURE 4
REGIONAL CAPITAL IMPROVEMENT PROGRAM EXPENDITURES



4.2 REGIONAL CAPITAL IMPROVEMENT PROGRAM FINANCING

Exhibit X presents a revenue/cost summary for the TYCIP Regional Domestic Sewage System Capital Improvement (RC) Program, based on the Agency's adopted budget. Financing for the RC Program is provided by revenue from several sources including, but not limited to: property taxes, capital capacity reimbursement payments (connection fees), bond issues, grants, proceeds from the sale of property, and interest earned. Grants are expected to total $3.4-million during the ten years, primarily for energy-related projects. The largest revenue sources are property taxes ($168.9-million) and supplemental capital contributions ($170.9 million). The supplemental capital contributions are derived from calls to the Member Agencies for capital derived from connection fee revenues in the form of Capital Capacity Reimbursement Payments. The Capital Capacity Reimbursement Payments are based on the number of Equivalent Dwelling Units (EDUs). The expected number of EDUs that will be added to the system each year is forecasted based on the growth projections. A conservative growth rate of 4,500 EDUs per year was assumed for this TYCIP to calculate expected Capital Capacity Reimbursement Payment receipts.

To plan, design, and construct the RC Program capital projects summarized previously, it is expected to cost approximately $224-million in the coming ten-year period. In addition to paying for new capital projects, the RC Fund has long-term liabilities for bonds payable and interest expenses, as well as administrative and other expenses. In addition, transfers are made to other funds for capital and administrative support and debt service, including the Recycled Water (WC), Recharge Water (RW), Co-Composting (CC), Non-Reclaimable Wastewater (NC), and Internal Services (GG) funds. There are also transfers into the RC Fund from the Regional Domestic Waste System Operations and Maintenance (RO) Fund and the Tertiary Operations and Maintenance (TO) Fund for replacement capital.

As indicated in Exhibit X, this year's growth forecast and financing plan result in a positive final working capital reserve balance of $19-million at the end of the TYCIP. There is also a positive Member Agency reserve balance at the end of the TYCIP in the amount of $62-million. Figure 5 shows how gross revenues and costs vary throughout the ten years, affecting the combined working capital and Member Agency reserves. Starting with a projected combined reserve balance of $67-million at the beginning of 2003/04, and with initial costs set to zero, gross revenues are projected to exceed costs during the next ten years, leaving an ending combined reserve balance of $81-million.

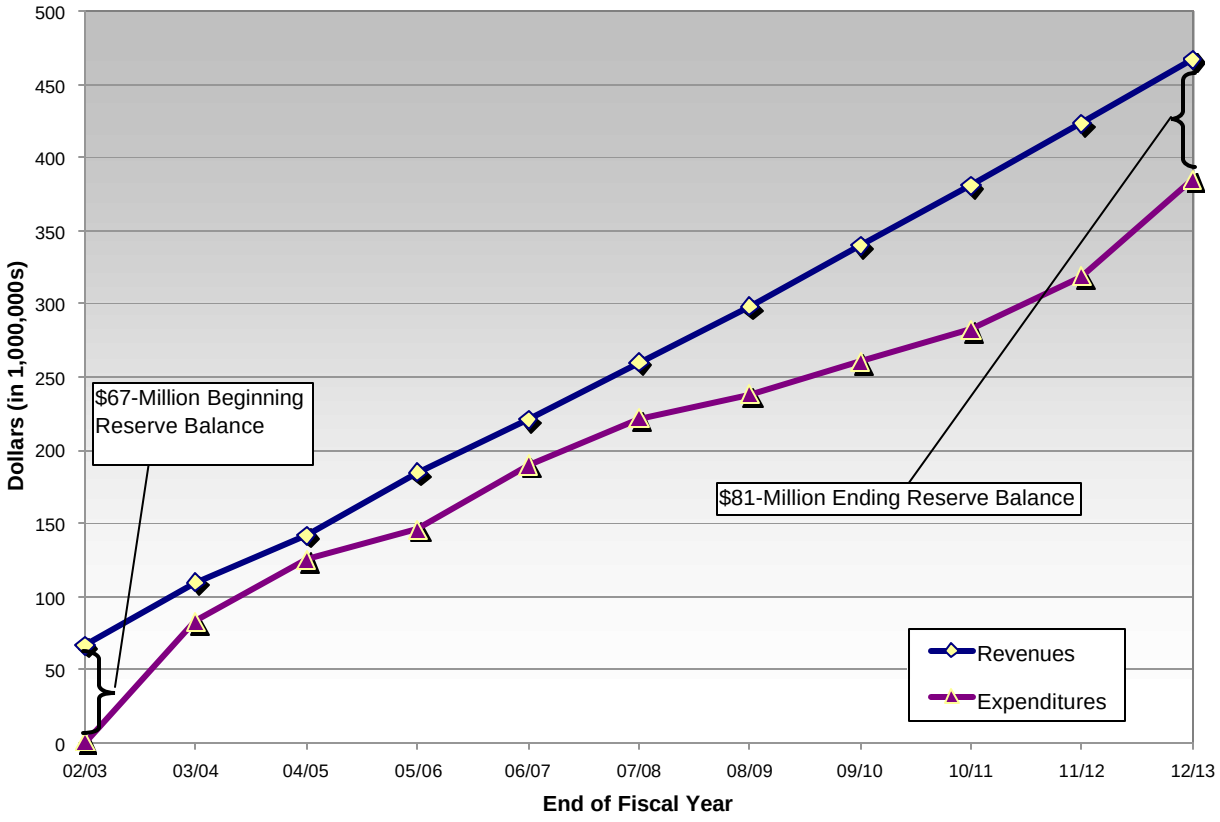
The identified financing for the Regional Program is adequate to fund the capital improvement program outlined in the TYCIP without additional borrowing. Inflation-adjusted increases in the connection fee are assumed. In April 2003, based upon the recommendation of the Regional Policy Committee, the Agency's Board of Directors raised the capital capacity reimbursement payment for FY03/04 from $3,740 per EDU to $3,840 per EDU to match the rate of construction inflation noted over the previous year.

5.0 OTHER IEUA CAPITAL IMPROVEMENT PROGRAMS

Other IEUA capital improvement programs include the Recycled Water Program (WC Fund), the Recharge Water Program (RW Fund), the Non-Reclaimable Wastewater System Program (NC Fund), the Organics Management Program (OC Fund), and the Co-Composting Program (CC Fund). Exhibits XI through XV present revenue/cost summaries for each capital improvement program, based on the Agency's Adopted Budget. Table 3 lists the major projects for each program in terms of dollars

budgeted for the next ten years. In addition, Appendix B presents the complete listing of projects and budgeted expenses for the next ten years.

FIGURE 5
REGIONAL PROGRAM CUMULATIVE GROSS REVENUES AND EXPENDITURES



5.1 RECYCLED WATER PROGRAM

The Recycled Water Program has been developed to be consistent with the recommendations of the IEUA Recycled Water System Feasibility Study (January 2002). The Agency plans to construct a fully-integrated regional distribution system that will deliver recycled water to major industrial and municipal users and to groundwater recharge basins. Currently, the Agency has two recycled water systems which operate independently of each other: (1) a pipeline that distributes recycled water from RP-1 and RP-4; and (2) the recycled water distribution system from the CCWRF. Present use of recycled water is limited by the geographic location of these facilities. A major consideration in the TYCIP is the need to tie the Agency's existing recycled

TABLE 3
MAJOR CAPITAL PROJECTS – OTHER PROGRAMS

	TYCIP COST
WATER RECYCLING PROGRAM	
Recycled Water Pipeline Projects	$71,300,000
Recycled Water Pump Stations and Reservoirs	18,800,000
Total--Major Water Recycling Projects	**$90,100,000**
Total--All Water Recycling Projects	**$90,600,000**
GROUNDWATER RECHARGE PROGRAM	
• Chino Basin Recharge Facilities Improvements	$31,700,000
Total--Major Recharge Projects	**$31,700,000**
Total--All Recharge Projects	**$31,700,000**
NON-RECLAIMABLE WASTEWATER SYSTEM	
CSDLAC Capital Replacement Costs – 4Rs	$9,850,000
NRWS Manhole Repair Project	610,000
Grove Avenue NRW Relocation	420,000
NRWS Capital Replacement Contingencies	200,000
Total--Major NRW System Projects	**$11,080,000**
Total--All NRW System Projects	**$11,080,000**
ORGANICS MANAGEMENT/CO-COMPOSTING	
Inland Empire Regional Composting Facility[1]	$17,600,000
Complete Mix Digestion Technology[2]	8,000,000
Co-Composting Phase-Out/Pilot Projects	650,000
RP-5 Renewable Energy Project	550,000
Total--Major Organics Management/Co-Composting Projects	**$26,800,000**
Total--All Organics Management/ Co-Composting Projects	**$26,800,000**

_____

[1]Does not include half of project costs which will be provided by the County Sanitation Districts of Los Angeles County, through the Inland Empire Regional Composting Authority.

[2]Project will be grant funded.

water distribution systems together to provide reliability through uninterrupted service to users.

The Recycled Water Capital Improvement (WC) Fund tracks the revenues and expenses associated with the development of the Agency's Recycled Water Program. The Recycled Water Program includes activities supporting the construction of capital projects required for providing recycled water within the Agency's service area. Such activities include siting studies, environmental review, design, construction, and construction management. The current TYCIP includes 15 major recycled water pipeline projects with total ten-year projected costs of $71,300,000. In addition, the TYCIP includes four (4) recycled water pump station/reservoir projects with total projected ten-year costs of $18,800,000. The construction program will be phased so that the most cost-effective projects can be brought on-line first, but it is scheduled to be virtually complete by the end of this TYCIP period.

Six large recycled water pipeline projects are already underway and scheduled for completion by the end of FY03/04 as part of the first phase of recycled water system construction efforts. The first phase includes key regional lines necessary to interconnect the two existing recycled water line networks and serve the largest, most convenient customers and groundwater recharge basins first. The largest of these is the "RP-4 West Branch Fourth Street Recycled Water Pipeline," with a remaining ten-year cost of $9.7 million. The other pipeline projects underway are: Pine Avenue Intertie, Wineville Avenue Regional Pipeline, Reliant Energy Pipeline, Philadelphia Street Pipeline, and Whittram Avenue Pipeline. The total remaining expenses for those five projects at the end of FY02/03 are projected at $9.6 million. The Pine Avenue Intertie project will address issues associated with interconnecting the RP-1/RP-4 recycled water system with the CCWRF recycled water system.

Comparing this TYCIP to last year's TYCIP for recycled water projects, the total projected ten-year costs for pipeline projects are essentially unchanged at $71 million. The largest recycled water pipeline project in the TYCIP is the "210 Freeway Regional Recycled Water Pipeline," scheduled for completion in FY12/13 at a total cost of $12-million. This project will deliver recycled water for irrigation along the new 210 Freeway and will be the last northern regional pipeline constructed in the recycled water system.

Comparing this TYCIP to last year's TYCIP for recycled water pump station and reservoir projects, the total projected ten-year costs increased from $13.1 million to $18.8 million. A large part of this increase is due to the addition of a new project at RP-1, the "RP-1 South Zone Recycled Water Pump Station/North Zone Expansion," in FY04/05 – FY06/07, with a total budget of $5-million. The largest recycled water pump station project is the "RP-1 and RP-4 Pumping Stations – Phase I" project, which is already under construction and scheduled for completion in FY03/04 at a remaining cost of $6.2 million. This project, which includes pump stations at both RP-1 and RP-4, is the heart of the regional system. The project is designed to allow pumps to be added to the respective stations as demand increases over time. There are two other pump station and reservoir projects in the TYCIP: the "4th Street Reservoir and Pump Station," scheduled for FY05/06 – FY07/08 at a total cost of $3.2 million; and the "Etiwanda Avenue Reservoir and Pump Station," scheduled for FY07/08 – FY08/09 at a total cost of $4.4 million.

Exhibit XI indicates that the total TYCIP budget for Recycled Water Capital Improvement Program projects ("Work in Progress") is $90.6 million. For financing, $15 million in State and Federal grants and $69.2 million in State Revolving Fund loans are expected, while loan payments and interest expenses are expected to total $22.3 million. Other major financing sources are capital contributions

from the Regional Sewage Capital Improvement (RC) Fund ($9.4 million) and operating transfers from the Recycled Water Operations and Maintenance (WO) Fund from recycled water sales ($28.8 million). Exhibit XI indicates that a positive final reserve balance of approximately $2 million is projected to be maintained in the WC Fund each year of the TYCIP.

5.2 GROUNDWATER RECHARGE PROGRAM

The Agency's Groundwater Recharge Program is described in the Chino Basin Watermaster's Optimum Basin Management Program Recharge Master Plan, Phase II Report (August, 2001). It is a comprehensive plan to increase artificial groundwater recharge within the Chino Basin using stormwater, recycled water and imported water. In January of 2002, the IEUA Board of Directors approved the Recharge Master Plan Implementation Memorandum of Agreement, between Chino Basin Watermaster, Chino Basin Water Conservation District, San Bernardino County Flood Control District, and IEUA. IEUA is serving as the lead Agency for implementation of this cooperative program. The program includes proposed improvements to 18 existing recharge basin sites and two new sites. Facilities improvements consist mainly of rubber dams, new basin inlet and outlet structures or modifying existing inlets and outlets, earthwork to improve percolation, conveyance facilities, and turnouts from either IEUA's Regional Recycled Water Distribution System or Metropolitan Water District's Foothill Feeder.

The Recharge Water Capital Improvement (RW) Fund is a new fund which was created in FY02/03 to track the expenses associated with implementation of the Recharge Program. The establishment of this new fund in July of 2002 coincided with the Agency's readiness to begin final design of facilities improvements for the Recharge Program. The Recharge Program TYCIP has only one project ("Chino Basin Recharge Facilities Improvement Project"); however, this parent project is composed of several different sub-projects -- one for each of the recharge sites. The total project budget is $38.7 million and the projected remaining ten-year project cost is $31.7 million. The work is expected to be completed by the end of FY03/04.

The revenue/cost summary for the RW Fund from the Agency's Adopted Budget is presented in Exhibit XII. To partially finance the RW Program, the Chino Basin Regional Financing Authority issued $20 million of variable rate debt obligations in July of 2002. The Chino Basin Watermaster, through the Recharge Facilities Agreement, is obligated to pay one half of the debt service. Proposition 13 Grant Funds from the State of California ($19 million including FY02/03 receipts) and contributions from the RC Fund ($5.9 million) are providing additional funding.

5.3 NON-RECLAIMABLE WASTEWATER SYSTEM

IEUA maintains and operates a non-reclaimable wastewater (NRW) collection system within its boundaries that is physically separate from the Regional Sewage System. The NRW System provides for management of heavily salt-laden wastewater generated within the Agency's service area. The wastewater collected in the NRW system is conveyed to adjacent interceptor sewer lines owned and operated by the County Sanitation Districts of Los Angeles County (CSDLAC) and the Santa Ana Watershed Project Authority (SAWPA). From there, it is conveyed to coastal treatment facilities and discharged to the ocean. Although the treatment process does not remove the salinity of the wastewater, the impacts of salt on the ocean are negligible.

Removal of saline wastes from the local area in this manner protects the quality of the Agency's recycled water and is a key element in the Agency's overall salinity management program for the Chino Groundwater Basin. In FY 2000/2001, IEUA diverted over 20,000 tons of salt out of the Chino Basin through the NRW System. The NRW system also provides a cost-effective way to manage saline industrial and commercial wastewater, thereby encouraging industry in the area.

IEUA's NRW system is comprised of a northern collection system and a southern collection system. IEUA's northern system, which serves approximately 40 industries, conveys wastewater to CSDLAC's system for treatment at the Joint Water Pollution Control Plant in Carson. IEUA's southern system, which serves approximately 10 industries, conveys wastewater to the Santa Ana Regional Interceptor (SARI) pipeline, owned by SAWPA, for treatment at the Orange County Sanitation District (OCSD) wastewater facility in Fountain Valley.

As shown in Table 3, the major TYCIP projects in the NRW System Capital Improvement (NC) Program are repair and replacement projects. The only construction project is the completion of the Grove Avenue NRW line relocation in FY03/04 at a remaining cost of $0.4 million. The budget includes $9.9 million for payments over ten years to CSDLAC for repair, relocation, reconstruction and rehabilitation (4R) costs. In addition, the TYCIP includes $0.6 million for manhole repairs in FY04/05 to FY07/08, and $200,000 for capital replacement contingencies such as emergency pipeline repairs.

The Wastewater Facilities Master Plan did not recommend any additional capital improvements to the NRW System, but said this should be reevaluated after five years. It noted that discussions have taken place about relocating the SARI Line, which could be a very expensive project. The Agency may incur some capital charges due to relocating portions of the SARI line in Orange County, and there may be additional charges to the NRW Operations and Maintenance Fund when OCSD builds full secondary treatment.

The NRW System Capital Improvement (NC) Fund records financial transactions associated with capital facilities necessary to operate the northern and southern NRW systems. Exhibit XIII summarizes the Agency's adopted budget for the NC Fund for FY03/04 and the inflows to and outflows from the NC Fund expected over the next ten years.

Exhibit XIII indicates that the total TYCIP budget for NRW capital projects ("Work in Progress") is $1.2 million. The Agency is also responsible for the continuing installment purchase of SARI pipeline capacity ($1.0 million) and for $9.9-million in payments to CSDLAC as a result of the Repair, Relocation, Reconstruction, and Replacement (4R) Agreement. In addition, the NC Fund has an expense of $1 million per year for the next four years to repay a previous loan from the Agency's Internal Services Fund. The largest revenue source for this program is monthly user charges to the holders of capacity rights in the system. Secondly, new capacity rights are sold to industrial clients based on their peak discharge rate.

IEUA's Regional Sewage System holds rights to a percentage of the capacity in the NRW system and pays monthly user charges to the NC Fund based on these rights. The Regional System uses the NRW System as contingency treatment capacity and to dispose of certain high-strength sidestream flows from the Agency's water recycling plants and organics management facilities.

Additional financing sources will be necessary to meet the ongoing 4R charges billed by CSDLAC. The RC Fund is projected to contribute $0.75 million and the NRW System Operations and Maintenance

(NO) Fund is expected to transfer $3.8 million to the NC fund to support the 4R charges and other capital replacement projects.

Exhibit XIII indicates a positive final reserve balance in the NC Fund of $5 million at the end of the ten-year period. However, in addition to the budgeted NRW projects, miscellaneous capital project work may or may not be required based on system usage patterns. Predicting when or where NRW System industries will choose to locate within the Agency is difficult. As such, NRW system capital improvement projects will be pursued on an as-needed basis. Monies from RC Fund and the NO Fund may be needed for these improvements.

5.4 ORGANICS MANAGEMENT AND CO-COMPOSTING PROGRAMS

As indicated in Table 3, the major TYCIP projects in the Organics Management and Co-Composting Programs include the Inland Empire Regional Composting Facility and a Complete-Mix Anaerobic Manure Digester. These projects are aimed at producing electricity from methane gas, reducing the amount of salt and nitrates going into the Chino Groundwater Basin, providing an environmentally-safe method of biosolids disposal, and providing design information for future projects. They represent major progress toward achieving the goals of the Organics Management Business Plan. The potential avoided costs for energy and environmental impacts are discussed in the Business Plan and will be measured as the projects are implemented.

The Inland Empire Regional Composting Facility (IERCF) will replace the existing IEUA Co-Composting Facility, which is located in an area slated for residential development. It is an open-air, windrow-type composting operation that processes both biosolids and dairy manure. The new facility will demonstrate an alternative type of technology, aerated static pile composting, which will be enclosed to control odors. The IERCF is projected to be completed in FY04/05 at a remaining TYCIP cost of $17.6 million. The TYCIP also includes $0.65 million for pilot projects associated with the close-out and replacement of the existing Co-composting Facility. To design and construct the IERCF, a Joint Powers Authority was formed by IEUA and the County Sanitation Districts of Los Angeles County (CSDLAC). Each Agency contributes one half of the costs associated with the design and construction of the new facility to the Inland Empire Regional Composting Authority (IERCA).

The Complete-Mix Anaerobic Manure Digester project will demonstrate the application of complete-mix digestion technology for the processing of manure generated by dairies in the Agency's service area. It will provide an alternative to the plug-flow digestion technology that has been demonstrated by the Agency's RP-5 Renewable Energy Facility. This project will produce energy from methane gas that will be used by the Agency's regional water recycling facilities and local groundwater desalination facilities. The Complete-Mix Anaerobic Manure Digester is planned to be designed and constructed in FY03/04 through 04/05 at a projected total cost of $8 million (expected to come from grant funding).

The Co-Composting Capital Improvement (CC) Fund records the transactions for the acquisition, construction, and expansion of the Agency's co-composting facilities. Exhibit XIV shows the expected sources and uses of funds in the CC Fund for the next ten years. The total TYCIP budget for co-composting capital projects includes $17.6 million for the IERCF (shown as "Investment in IERCA") and $0.65 million for other projects, shown as "Work in Progress." To finance the IERCF, IEUA issued $12.9-million in bonds in FY02/03. Another major revenue source for the CC Fund is the scheduled sale of the existing IEUA Co-Composting site property ($14.5-million of receipts in 4 installments through FY09/10). An additional, relatively minor source of revenue for the fund is interest

earned on working capital reserves.

In addition to paying for new capital projects, the CC Fund incurs expenditures for debt service from previous bond issues and for administrative and miscellaneous expenses. Interfund transfers from the RC Fund to the CC Fund for debt service and capital contributions provide another financing source to support co-composting activities. Exhibit XIV indicates that a positive final reserve balance of approximately $0.1 million dollars is projected to be maintained in the CC Fund each year of the TYCIP.

The Organics Management Capital Improvement (OC) Fund records the transactions for the acquisition, construction, and expansion of the Agency's organics management facilities. Exhibit XV shows the expected sources and uses of funds in the OC Fund for the next ten years. It indicates that the total TYCIP budget for organics management capital projects ("Work in Progress") is $8.5-million, which is primarily for the Complete-Mix Anaerobic Digester project. The Agency is expecting at least $7.7-million in grants to fund the Complete-Mix Anaerobic Digester. Interest on working capital reserves is another, relatively minor, source of revenue.

In addition to paying for new capital projects, the OC Fund incurs expenditures for capacity charges paid to the NRW System and for various administrative and miscellaneous expenses. Exhibit XV indicates that a positive final reserve balance of $0.05 million to $0.1 million dollars is projected to be maintained in the OC Fund each year of the TYCIP.

6.0 AB-1600 NEXUS TEST

Each year, IEUA assists its Member Agencies to demonstrate compliance with AB1600 (the "Mitigation Fee Act"), as it relates to Capital Capacity Reimbursement Payments (connection fees). This is accomplished by summarizing the projected needs for the collected funds and the duration that the funds will be held. Exhibit XVI summarizes IEUA's projected need for connection fee revenues for the Regional Capital Improvement (RC) Fund.

As indicated in Exhibit XVI, in the column labeled, "Balance of Funds Collected for 5 or More Years," post-1989 reimbursement payment receipts do not stay on deposit for more than five years during the ten-year program. If funds collected after January 1, 1989 are segregated and used to meet Regional Program needs first, post-1989 funds will be expended within the required five years. Therefore, the statutory requirements of AB-1600 are satisfied.

7.0 CONCLUSIONS

A 24-percent increase in total regional system wastewater flow is expected over the course of the next ten years, producing 72 million gallons per day (MGD) by Fiscal Year (FY) 2012/13. Wastewater flow projections are based on the EDU growth forecasts provided by the Contracting Agencies, which averaged 5,085 EDUs per year. This is generally consistent with last year's forecast. Liquids and solids treatment capacity expansions will be needed to accommodate flows beyond the current total system capacity of 66.2 MGD. The planned expansions, diversions, and bypasses will allow the Agency to achieve the goals of: (1) increasing reuse potential in the upper Northern Service Area by keeping more flow at RP-4; and (2) optimizing capacity utilization at the other three regional plants by balancing flows between the Northern and Southern Service Areas.

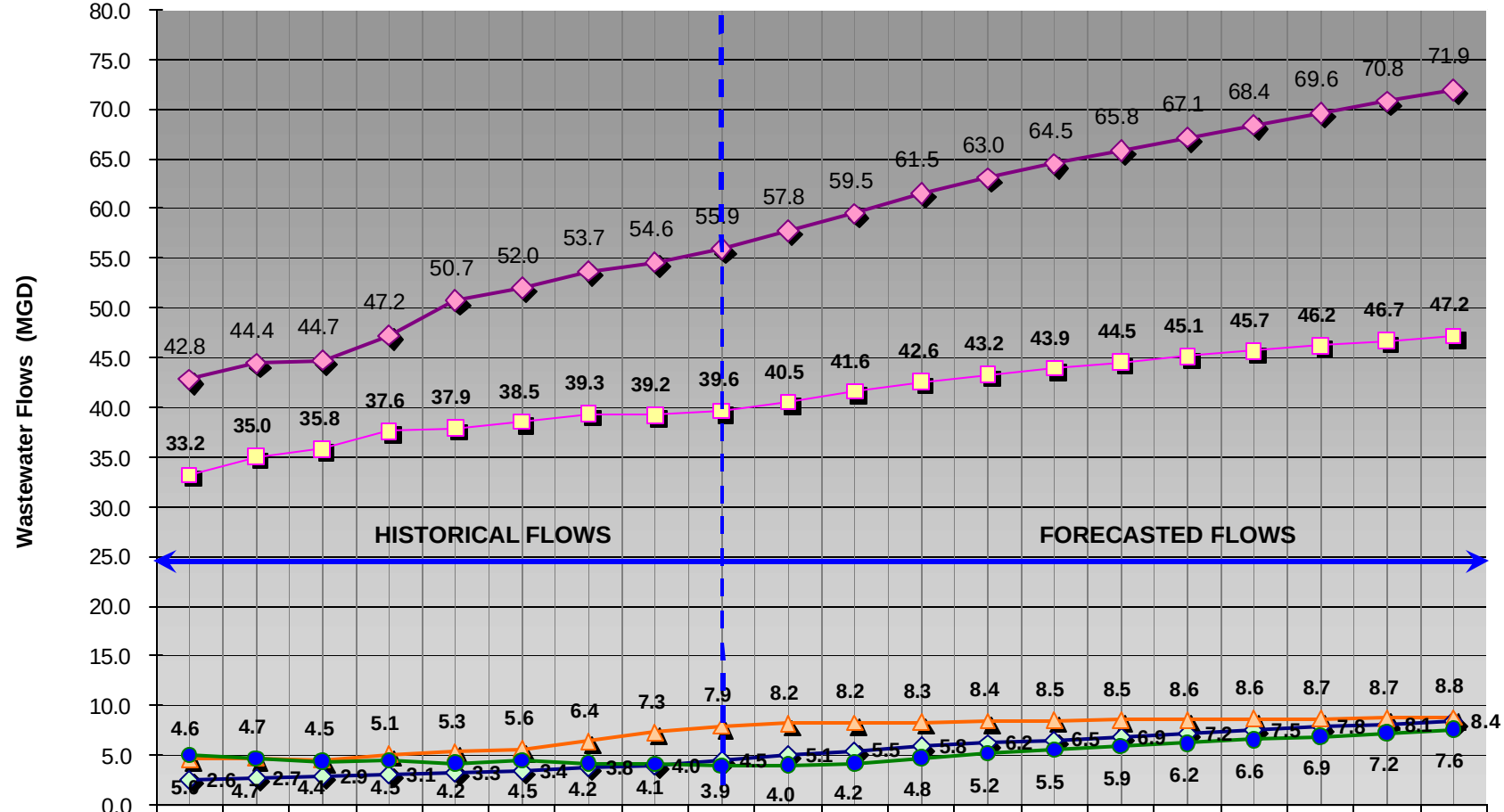
This year's Ten-Year Program calls for $224 million in capital expenditures over the next ten years for the Regional Sewage Capital Improvement (RC) Program construction and replacement projects. In addition to expenses for capital projects, the RC Fund pays for administrative expenses, interest expenses, debt service, and capital contributions to other programs. Beginning with a working capital reserve balance of $32 million at the beginning of the ten-year period, this Ten-Year Program's growth forecast and financing plan result in a positive final working capital reserve balance in the RC Fund of $19 million at the end of the ten years. In addition, a final Member Agency reserve balance of $62 million is projected.

Other capital programs addressed in the Ten-Year Program include: the Recycled Water Program, the Groundwater Recharge Program, the Non-Reclaimable Wastewater (NRW) System, the Co-Composting Program and the Organics Management Program. The budgeted amounts for capital projects under these other programs include: $90.6 million for Recycled Water projects; $31.7 million for the Groundwater Recharge projects; $11.1 million for NRW projects; and $26.8 million for Co-Composting and Organics Management projects.

The identified financing is adequate to fund the described capital improvement programs without additional borrowing. Inflation adjustments to the Capital Capacity Reimbursement Payment and a conservative growth rate of 4,500 EDUs per year were assumed in order to compute the expected receipts. Capital Capacity Reimbursement Payments are projected to provide $171 million in receipts for the RC Fund over the next ten years. State Grants and Revolving Fund loans are expected to provide $84 million for Recycled Water projects. Grants are expected to provide another $15 million for Groundwater Recharge and $8 million for Organics Management projects. The other main revenue sources are $170 million in property tax revenues/recovery; $9 million from Watermaster for recharge projects; $11 million from NRW System user charges; and $15 million from the sale of co-composting facility property. Additional sources of revenue are described in the Ten-Year Program. No additional borrowing is expected in the 10-year planning window.

EXHIBITS

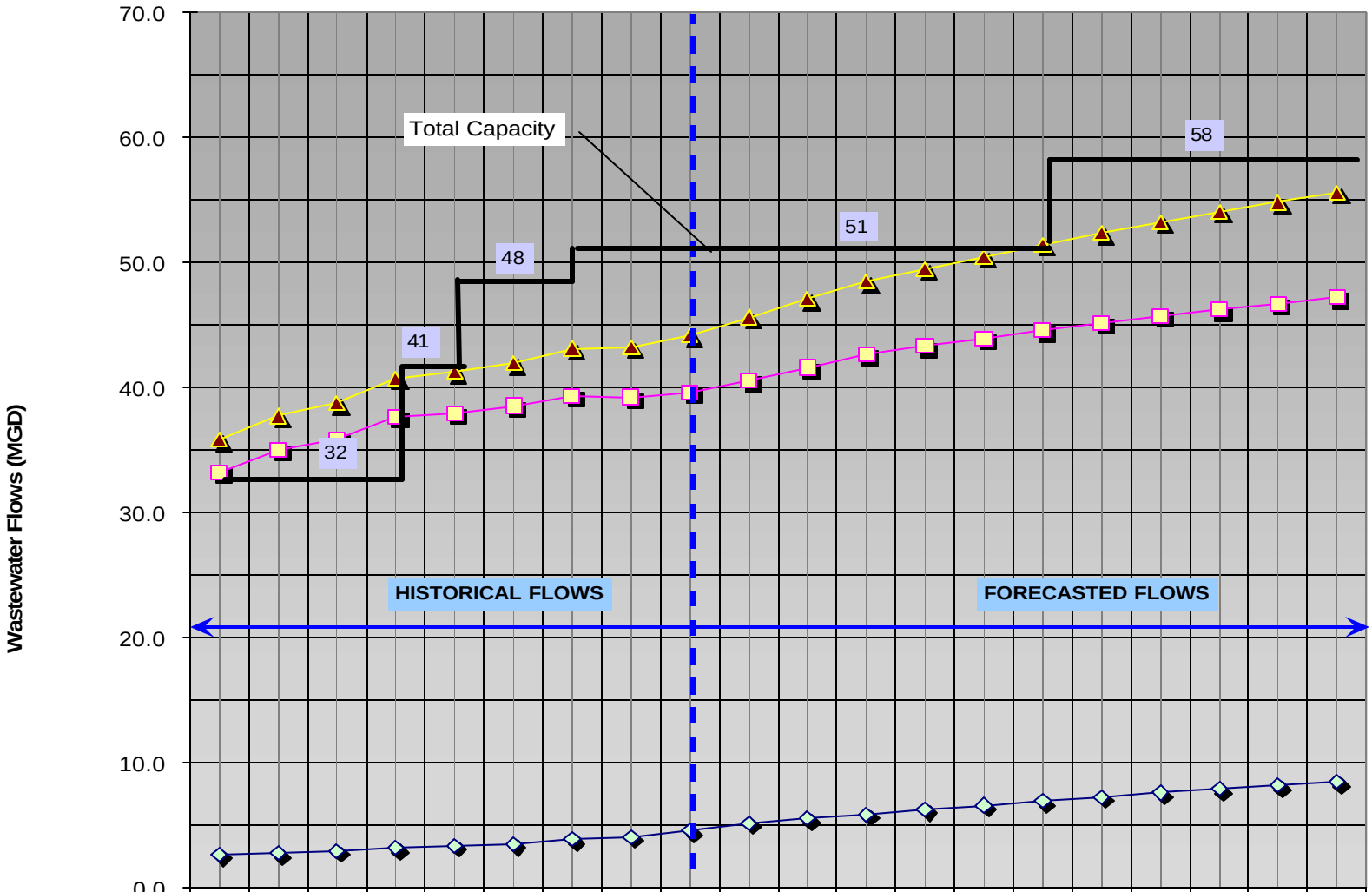
EXHIBIT I
UNADJUSTED SERVICE AREA FLOW FORECASTS



	93/94	94/95	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13
RP-1	33.2	35.0	35.8	37.6	37.9	38.5	39.3	39.2	39.6	40.5	41.6	42.6	43.2	43.9	44.5	45.1	45.7	46.2	46.7	47.2
RP-4	2.6	2.7	2.9	3.1	3.3	3.4	3.8	4.0	4.5	5.1	5.5	5.8	6.2	6.5	6.9	7.2	7.5	7.8	8.1	8.4
CCWRF	4.6	4.7	4.5	5.1	5.3	5.6	6.4	7.3	7.9	8.2	8.2	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8
RP-5/RP-2	5.0	4.7	4.4	4.5	4.2	4.5	4.2	4.1	3.9	4.0	4.2	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2	7.6
Total	42.8	44.4	44.7	47.2	50.7	52.0	53.7	54.6	55.9	57.8	59.5	61.5	63.0	64.5	65.8	67.1	68.4	69.6	70.8	71.9

Fiscal Year

EXHIBIT II
NORTHERN SERVICE AREA UNADJUSTED FLOW FORECAST

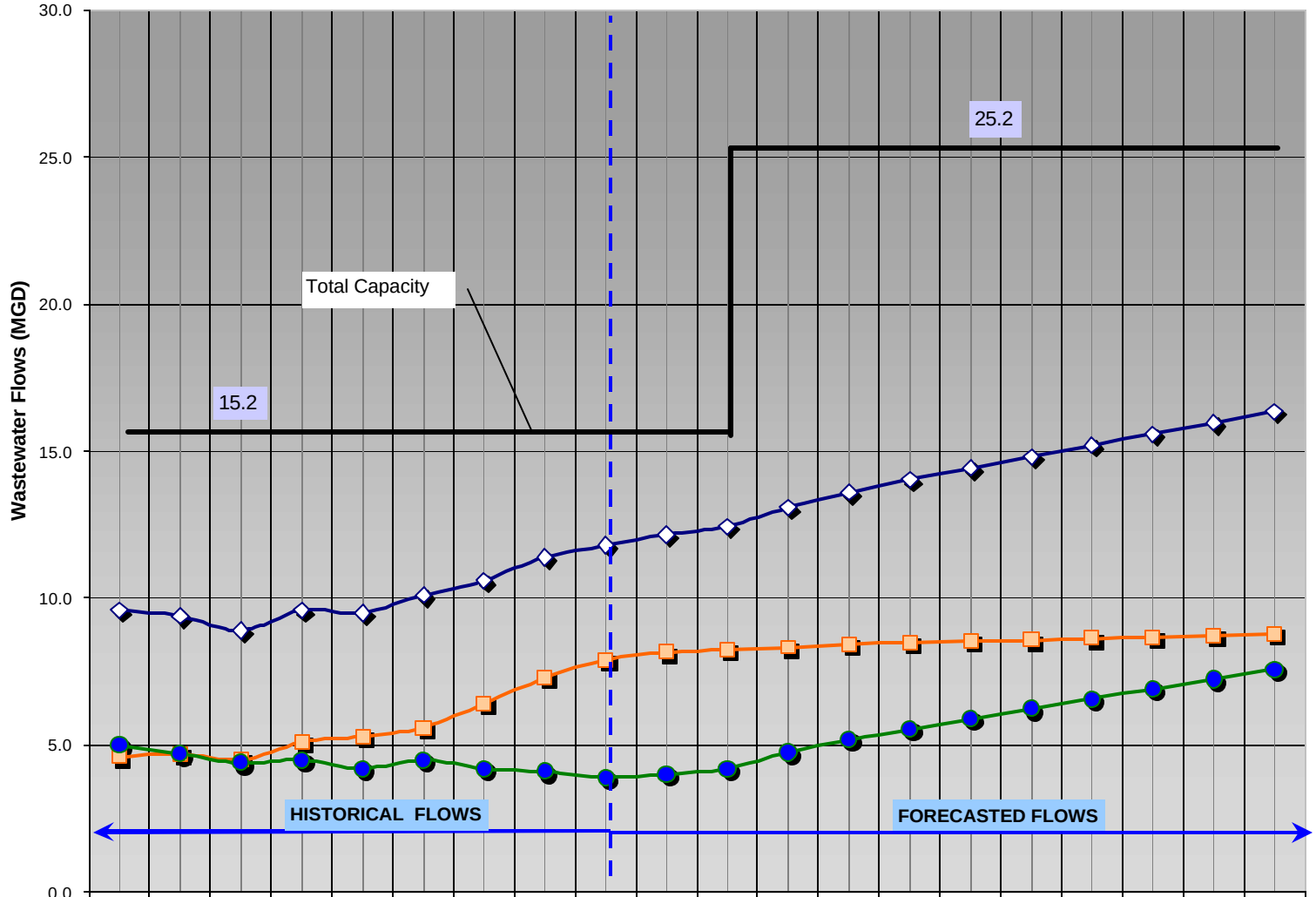


	93/94	94/95	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13
RP-1	33.2	35.0	35.8	37.6	37.9	38.5	39.3	39.2	39.6	40.5	41.6	42.6	43.2	43.9	44.5	45.1	45.7	46.2	46.7	47.2
RP-4	2.6	2.7	2.9	3.1	3.3	3.4	3.8	4.0	4.5	5.1	5.5	5.8	6.2	6.5	6.9	7.2	7.5	7.8	8.1	8.4
NSA Total Unadjusted Flow	35.8	37.7	38.7	40.7	41.2	41.9	43.1	43.2	44.1	45.6	47.0	48.4	49.4	50.4	51.4	52.3	53.2	54.0	54.8	55.6

Note: Assumes 2.5 MGD from Montclair Diversion is routed to RP-1.

Fiscal Year

EXHIBIT III
SOUTHERN SERVICE AREA UNADJUSTED FLOW FORECAST



	93/94	94/95	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13
CCWRF	4.6	4.7	4.5	5.1	5.3	5.6	6.4	7.3	7.9	8.2	8.2	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8
RP-5/RP-2	5.0	4.7	4.4	4.5	4.2	4.5	4.2	4.1	3.9	4.0	4.2	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2	7.6
SSA Total Unadjusted Flow	9.6	9.4	8.9	9.6	9.5	10.1	10.6	11.4	11.8	12.2	12.4	13.1	13.6	14.0	14.4	14.8	15.2	15.6	16.0	16.4

Note: 2.5 mgd from Montclair Diversion is assigned to RP-1.

Fiscal Year

EXHIBIT IV
RP-4 FLOW FORECAST

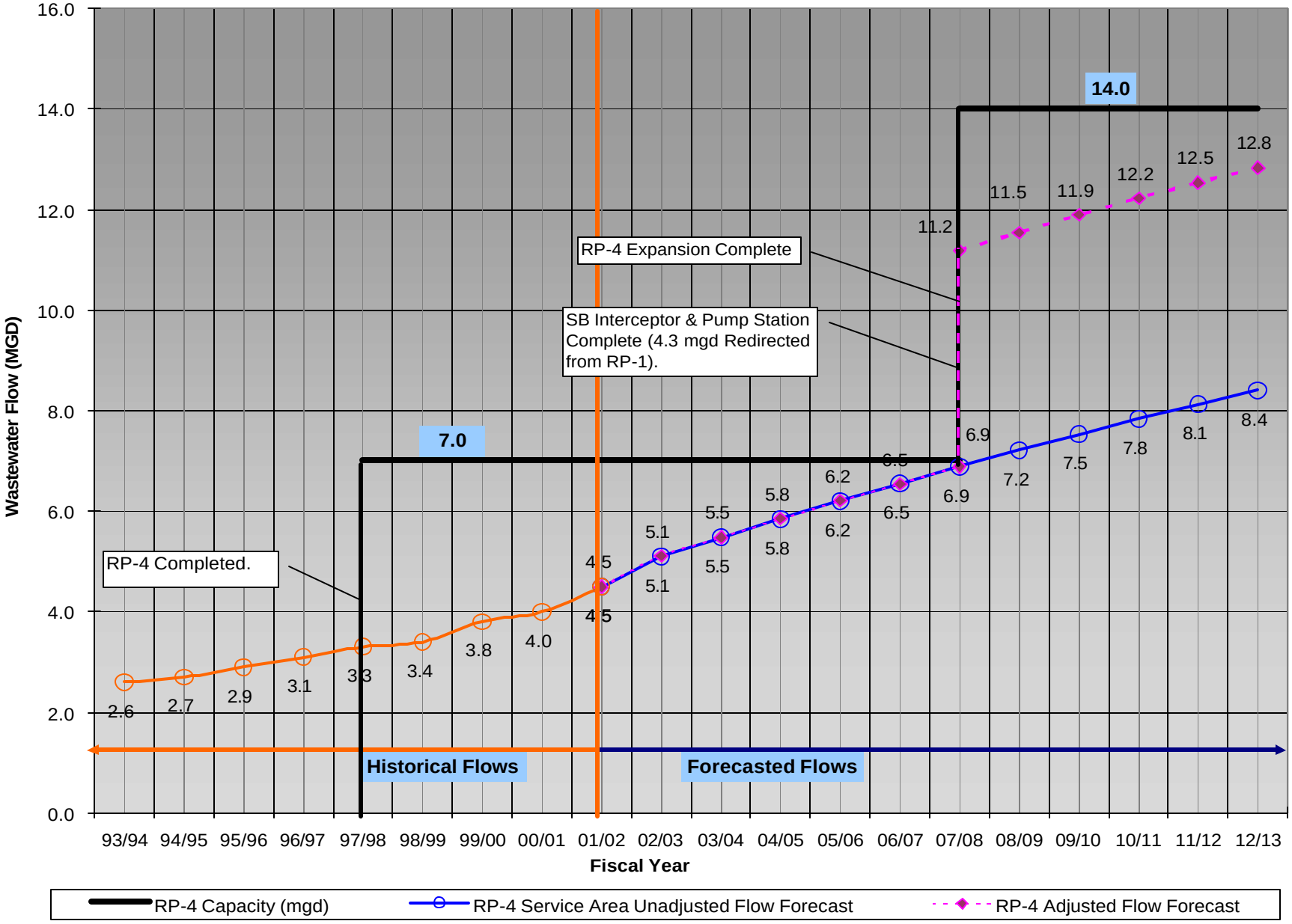


EXHIBIT V
RP-1 FLOW FORECAST

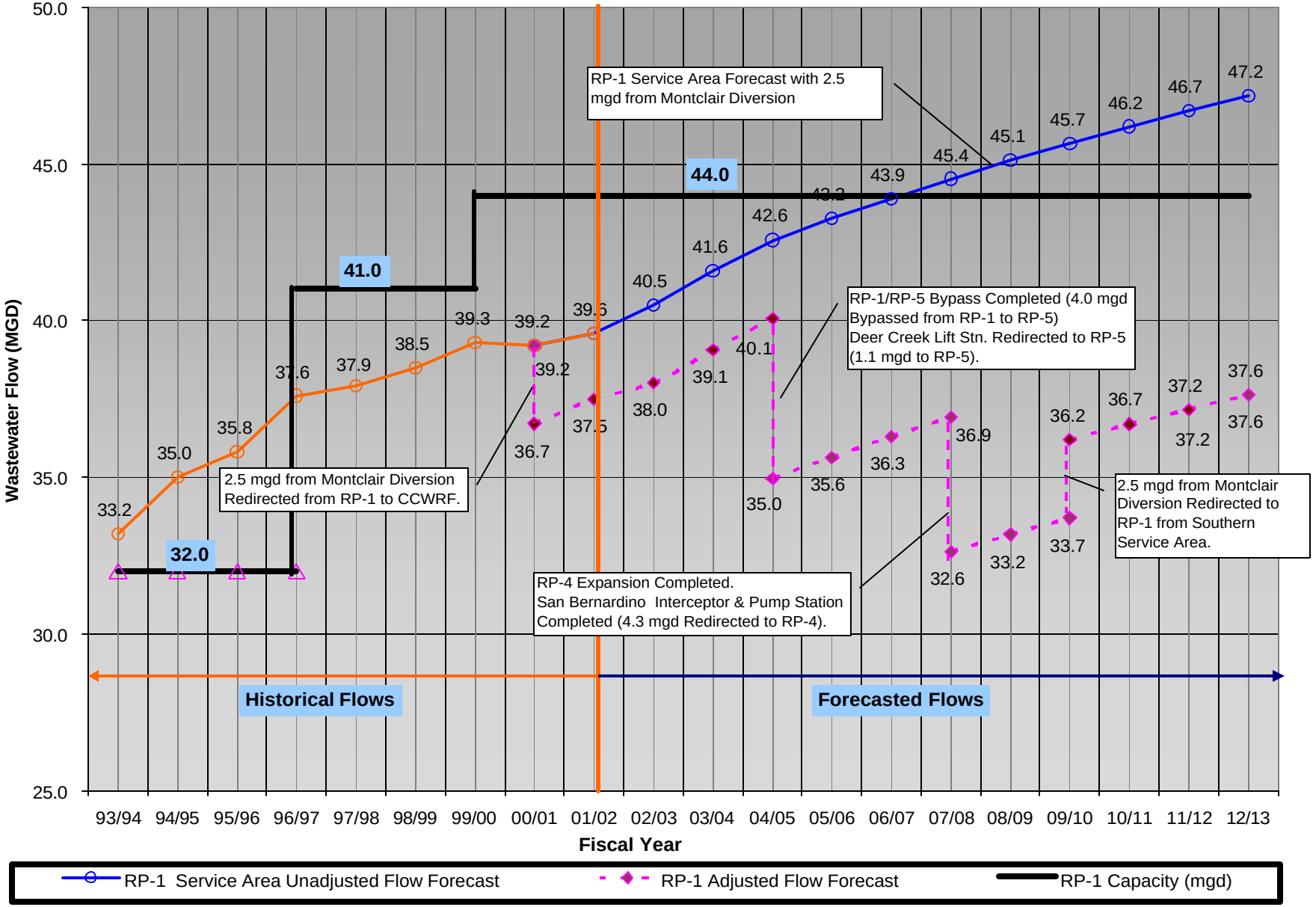


EXHIBIT VI
CCWRF FLOW FORECAST

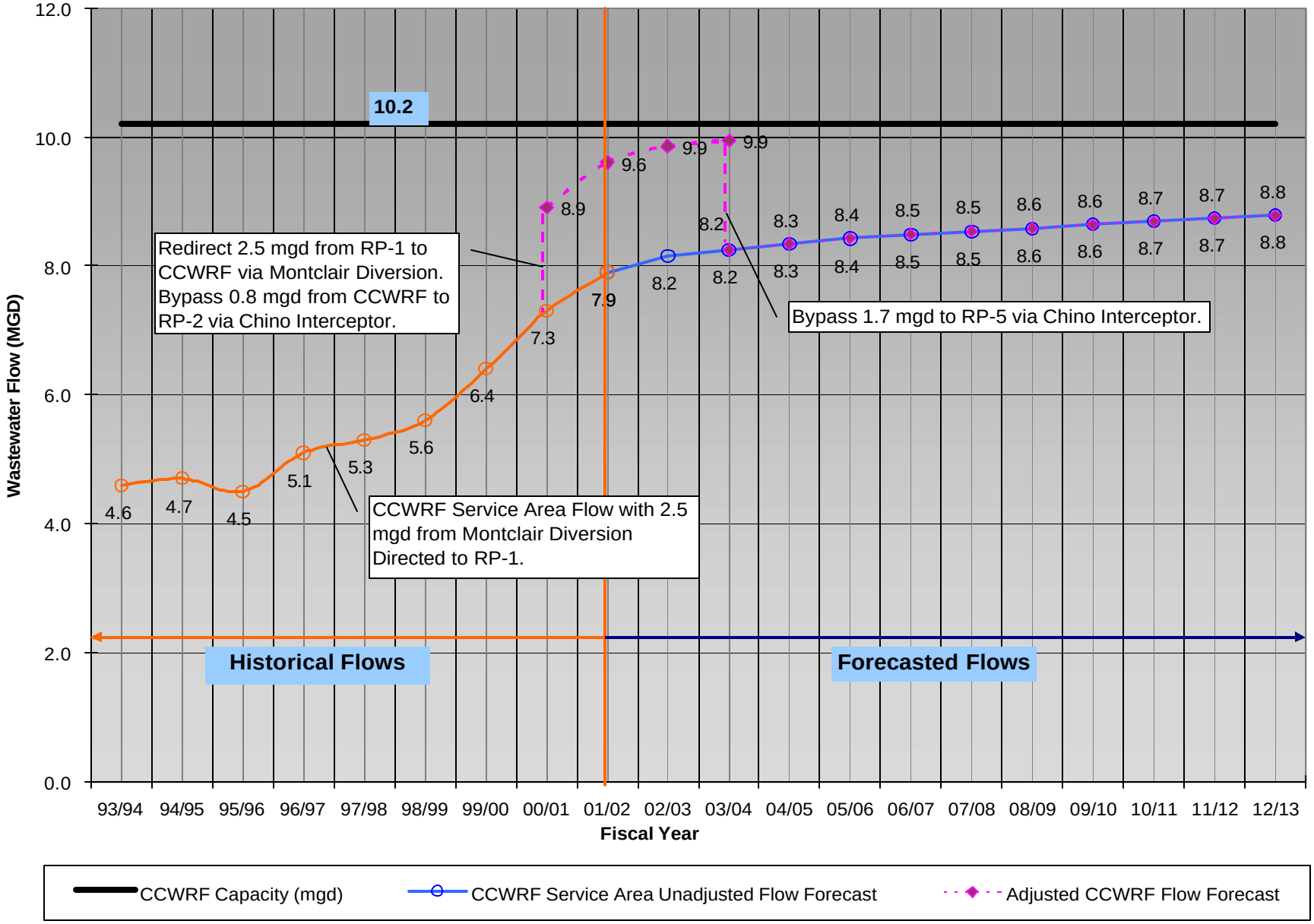


EXHIBIT VII
RP-5/RP-2 FLOW FORECAST

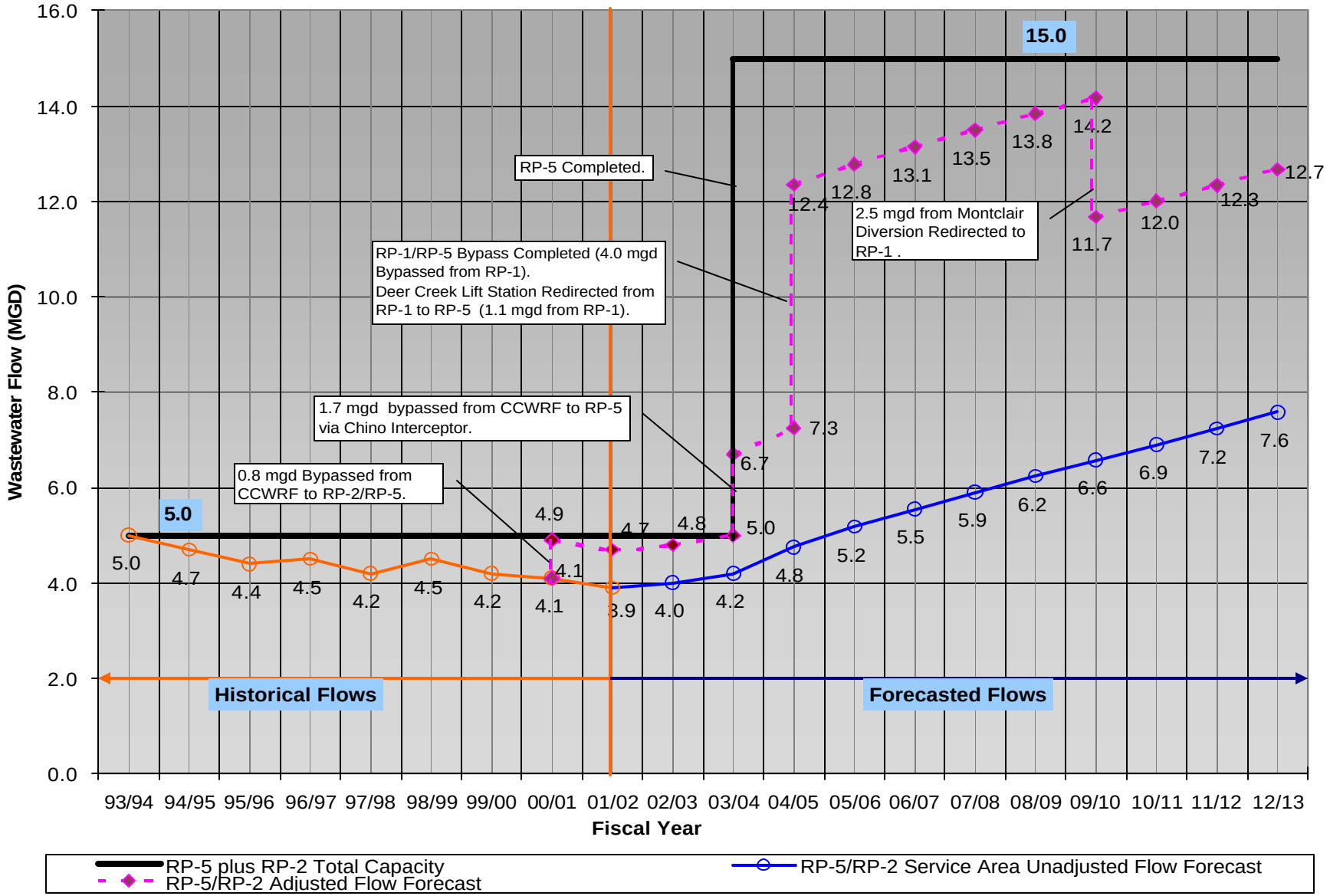


EXHIBIT VIII

HIGH-GROWTH ALTERNATIVE RP-4 FLOW FORECAST

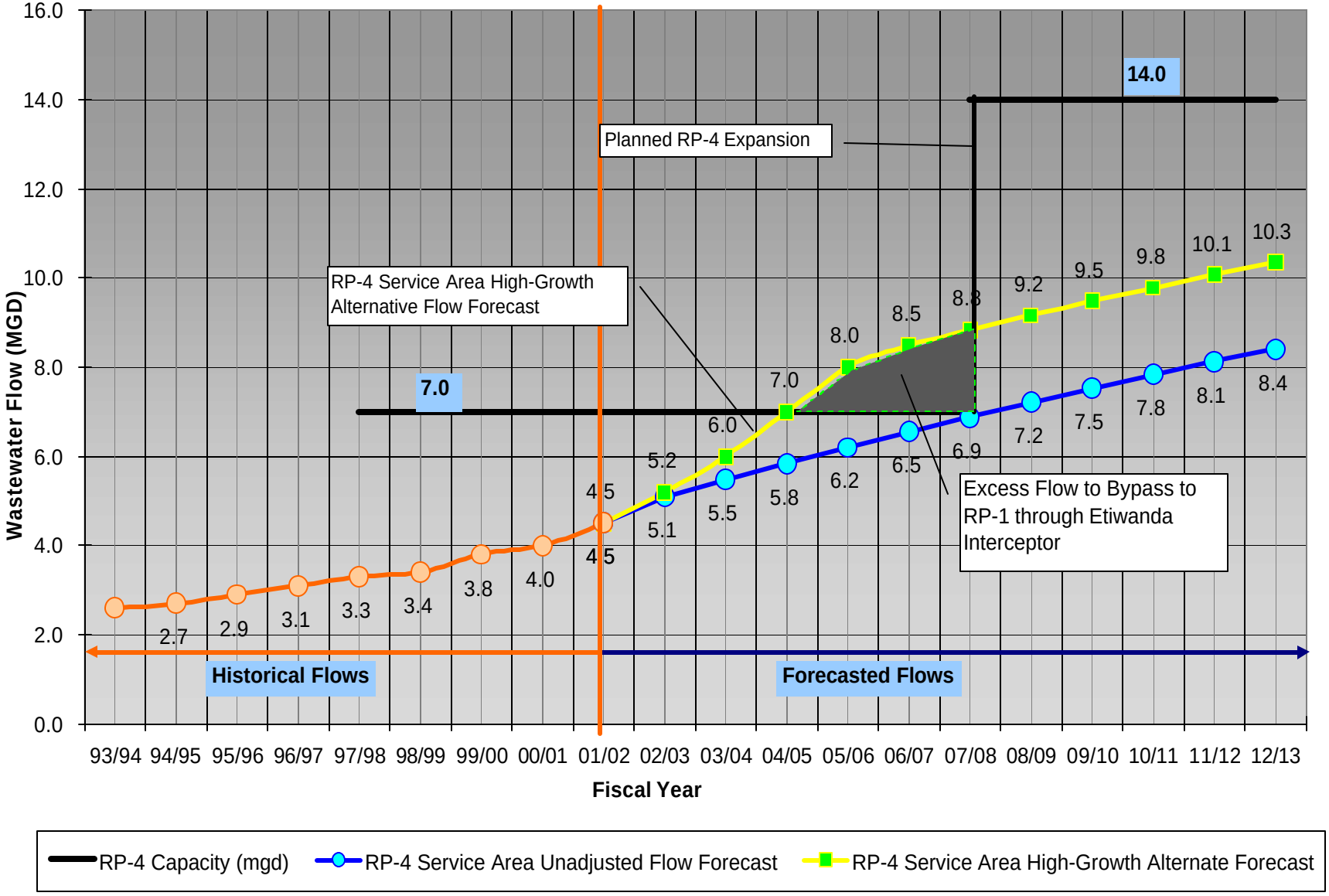


EXHIBIT IX
REGIONAL SYSTEM
50-YEAR FLOW PROJECTIONS

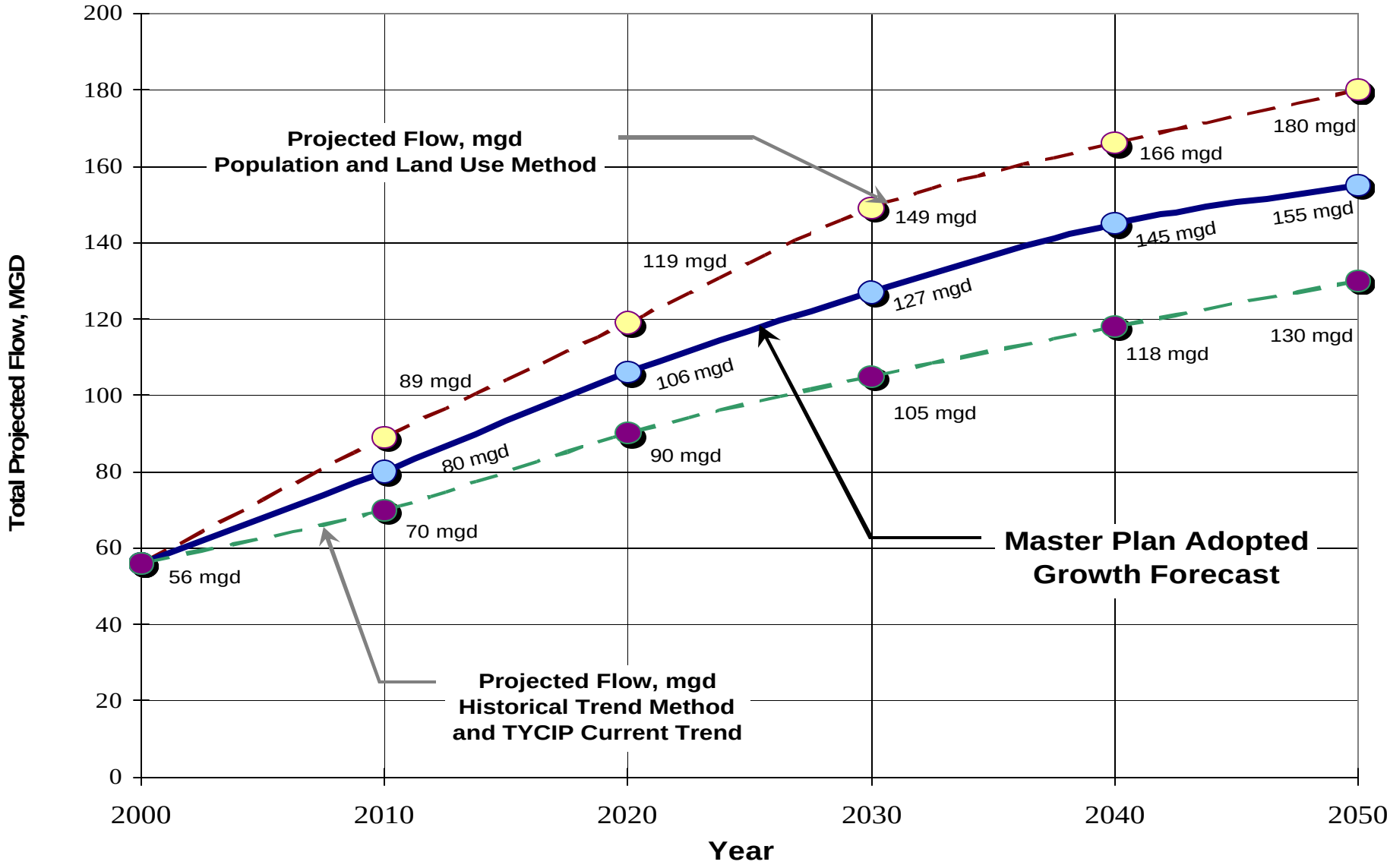


EXHIBIT X
REGIONAL DOMESTIC SEWAGE SYSTEM CAPITAL IMPROVEMENT (RC) FUND
SOURCES AND USES OF FUNDS

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	TOTAL
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									2003/04-2012/13
RECEIPTS												
Supplemental Capital Contributions	$0	$37,410,029	$27,124,416	$0	$23,407,112	$12,020,248	$0	$840,000	$4,640,067	$20,960,788	$44,511,233	$170,913,893
1999 Bond Proceeds, Net	0	0	0	0	0	0	0	0	0	0	0	$0
2002 Bond Proceeds, Net (including CC Bond Procd)	25,616,847	0	0	0	0	0	0	0	0	0	0	$0
Proceeds from the sale of property	100,000	8,900,000	0	0	0	0	0	0	0	0	0	$8,900,000
CSDLAC's Contribution to Org. Land Purchase	0	0	0	0	0	0	0	0	0	0	0	$0
Tax Revenues	11,948,057	12,545,459	13,172,732	13,831,369	14,522,937	15,249,084	16,011,538	16,812,115	17,652,721	18,535,357	19,462,125	$157,795,437
Contract Work	70,000	67,700	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	$607,700
Lease Revenues & Misc. Revenue	250,000	72,000	72,000	54,000	0	0	0	0	0	0	0	$198,000
Interest Revenue	1,164,149	1,122,944	840,815	635,615	961,898	976,776	760,557	869,586	760,557	760,557	760,557	$8,449,862
Interest Revenue - Loan to RO Fund	0	0	0	0	0	0	0	0	0	0	0	$0
Grants	0	1,118,573	2,271,044	0	0	0	0	0	0	0	0	$3,389,617
Miscellaneous Revenue - Sale of Prop/Spec/Mth Capcacity	8,213	0	0	0	0	0	0	0	0	0	0	$0
TOTAL RECEIPTS	**$39,157,266**	**$61,236,705**	**$43,541,007**	**$14,580,984**	**$38,951,947**	**$28,306,108**	**$16,832,095**	**$18,581,701**	**$23,113,345**	**$40,316,702**	**$64,793,915**	**$350,254,510**
EXPENSES												
Operations and Administration	$1,608,215	$2,030,292	$2,022,110	$2,022,110	$2,076,947	$2,133,581	$2,170,963	$2,235,732	$2,302,444	$2,371,158	$2,441,932	$21,807,271
Interest Expense - SARI Capacity	231,673	222,650	213,084	202,944	192,196	180,803	168,727	155,926	142,357	127,974	127,974	$1,734,635
Interest Expense - 1994 Bonds	4,564,340	4,465,748	4,364,426	4,289,975	4,143,910	3,979,235	3,807,876	3,521,435	3,319,697	3,122,056	3,122,056	$38,136,414
Interest Expense - 1999 Bonds	1,500,965	1,467,643	1,431,934	1,393,084	1,350,986	1,305,739	1,256,876	1,204,276	1,147,686	1,087,145	1,087,145	$12,732,514
Interest Expense - 2002 Bonds	339,083	553,836	695,556	681,644	667,177	652,153	636,433	620,157	603,186	585,519	567,156	$6,262,817
Contract Work/Special Projects	181,908	463,750	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	$643,750
Monthly NRWS Capacity Fees	165,379	165,379	165,379	165,379	165,379	165,379	165,379	165,379	165,379	165,379	165,379	$1,653,790
TOTAL EXPENSES	**$8,591,563**	**$9,369,298**	**$8,912,489**	**$8,775,136**	**$8,616,595**	**$8,436,890**	**$8,226,255**	**$7,922,906**	**$7,700,749**	**$7,479,230**	**$7,531,642**	**$82,971,191**
CHANGES IN -												
LONG-TERM ASSETS												
Work In Progress - RC	$18,362,690	$64,825,896	$27,161,152	$5,835,734	$28,723,918	$17,223,080	$1,006,090	$6,713,050	$6,302,830	$19,726,250	$46,933,480	$224,451,480
Advance to Recharge Master Plan	0	0	0	0	0	0	0	0	0	0	0	$0
Advance to Co-Composting Fund	0	0	0	0	0	0						$0
NET CHANGE, LONG-TERM ASSETS	**$18,362,690**	**$64,825,896**	**$27,161,152**	**$5,835,734**	**$28,723,918**	**$17,223,080**	**$1,006,090**	**$6,713,050**	**$6,302,830**	**$19,726,250**	**$46,933,480**	**$224,451,480**
LONG-TERM LIABILITIES												
Bonds Payable - 1994	$1,830,000	$1,925,000	$2,050,000	$2,185,000	$2,345,000	$2,515,000	$2,690,000	$2,890,000	$3,095,000	$3,290,000	$3,290,000	$26,275,000
Bonds Payable - 1999	805,000	835,000	870,000	905,000	945,000	990,000	1,040,000	1,090,000	1,145,000	1,200,000	1,200,000	$10,220,000
Bonds Payable - 2002	356,602	480,000	500,000	520,000	540,000	565,000	585,000	610,000	635,000	660,000	685,000	$5,780,000
Other Long Term Liabilities - SAWPA Pipeline Capacity	152,507	161,657	171,356	181,638	192,536	204,088	213,349	226,150	239,719	254,102	254,102	$2,098,697
NET CHANGE, LONG-TERM LIABILITIES	**$3,144,109**	**$3,401,657**	**$3,591,356**	**$3,791,638**	**$4,022,536**	**$4,274,088**	**$4,528,349**	**$4,816,150**	**$5,114,719**	**$5,404,102**	**$5,429,102**	**$44,373,697**

EXHIBIT X
REGIONAL DOMESTIC SEWAGE SYSTEM CAPITAL IMPROVEMENT (RC) FUND
SOURCES AND USES OF FUNDS

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	TOTAL
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									2003/04-2012/13
												$0
OTHER FINANCING SOURCES (USES)												
Operating Transfer - Capital Contribution to GG	($4,995,308)	($1,300,404)	($664,651)	($532,841)	($289,093)	($322,031)	($512,600)	($512,600)	($512,600)	($512,600)	($512,600)	($5,672,020)
Operating Transfer - New Administration Center GG	0	0	0	0	0	0	0	0	0	0	0	$0
Operating Transfer - Capital Contribution to OC	(500,000)	(910,000)	(520,000)	(50,000)	(100,000)	(100,000)	0	0	0	0	0	($1,680,000)
Operating Transfer - Capital/Admin Support, WC	(2,500,000)	(1,700,000)	0	(500,000)	(350,000)	300,000	(275,000)	(350,000)	(500,000)	(1,700,000)	(4,300,000)	($9,375,000)
Operating Transfer - Replacement Transfers 4 Rs - NC	(176,140)	(125,000)	(59,157)	(70,213)	(70,593)	(70,593)	(70,593)	(70,593)	(70,593)	(70,593)	(70,593)	($748,521)
Operating Transfer - Debt Service, Co-Composting	(813,038)	(949,664)	(991,528)	(1,008,385)	(1,027,588)	(1,040,676)	(1,196,800)	(1,213,600)	(748,600)	(751,000)	(752,800)	($9,680,641)
Operating Transfer - Debt Service, Recharge Water	(429,250)	(376,169)	(494,261)	(498,974)	(503,410)	(502,567)	(506,586)	(510,326)	(513,787)	(516,971)	(519,876)	($4,942,927)
Operating Transfer - Capital Contribution to CC	0	(1,000,000)	(3,880,000)	8,160,000	(280,000)	2,150,000	(150,000)	2,200,000	(250,000)	(250,000)	(250,000)	$6,450,000
Operating Transfer - Loan Payment from WC	0	0	0	0	0	0	0	0	0	0	0	$0
Operational Support - "RO"	0	0	0	0	0	0	0	0	0	0	0	$0
Operating Transfer - Replacement Capital from RO/TO	880,760	1,854,759	707,968	678,203	885,618	245,380	139,330	130,300	80,530	40,000	40,000	$4,802,088
Operating Transfer - Property Tax Recovery	1,028,741	1,039,028	1,044,224	1,049,445	1,054,692	1,059,965	1,089,183	1,105,520	1,160,796	1,218,836	1,279,778	$11,101,466
Operating Transfer - Obligation Payment	1,187,723	(103,062)	(90,890)	437,359	(111,088)	(120,665)	(126,698)	(133,033)	(139,685)	(146,669)	(154,003)	($688,434)
Adjustment	0	0	0	0	0	0	0	0	0	0	0	$0
Operating Transfer - Recharge Water Fund	(450,000)	(138,901)	(85,350)	(85,350)	(87,597)	(90,225)	(92,932)	(92,932)	(92,932)	(92,932)	(92,932)	($952,082)
Operating Transfer - Loan Payment from RO	0	0	0	0	0	0	0	0	0	0	0	$0
TOTAL OTHER FINANCING SOURCES (USES)	**($6,766,512)**	**($3,709,413)**	**($5,033,645)**	**$7,579,244**	**($879,059)**	**$1,508,588**	**($1,702,696)**	**$552,736**	**($1,586,871)**	**($2,781,929)**	**($5,333,026)**	**($11,386,071)**
INCREASE (DECREASE) IN WORKING CAPITAL RESERVES	**$2,292,392**	**($20,069,559)**	**($1,157,635)**	**$3,757,720**	**($3,290,161)**	**($119,362)**	**$1,368,706**	**($317,669)**	**$2,408,175**	**$4,925,191**	**($433,335)**	**($12,927,929)**
WORKING CAPITAL SUMMARY												
Beginning Balance July 01	$29,742,217	$32,034,609	$11,965,050	$10,807,415	$14,565,135	$11,274,974	$11,155,612	$12,524,318	$12,206,649	$14,614,824	$19,540,015	
Reserve Increase/(Decrease)	2,292,392	(20,069,559)	(1,157,635)	3,757,720	(3,290,161)	(119,362)	1,368,706	(317,669)	2,408,175	4,925,191	(433,335)	
Adjustment of WC Loan												
ENDING BALANCE AT JUNE 30	**$32,034,609**	**$11,965,050**	**$10,807,415**	**$14,565,135**	**$11,274,974**	**$11,155,612**	**$12,524,318**	**$12,206,649**	**$14,614,824**	**$19,540,015**	**$19,106,680**	
RESERVE BALANCE SUMMARY												
Capital Asset & Construction	$22,475,770	$3,271,659	$2,091,055	$5,854,491	$2,564,978	$2,445,963	$2,307,720	$2,340,051	$4,748,226	$9,673,417	$9,240,082	
Capital Cash Flow Support	858,534	0	0	0	0	0	350,000	0	0	0	0	
Debt Service	8,700,305	8,693,391	8,716,360	8,710,644	8,709,996	8,709,649	9,866,598	9,866,598	9,866,598	9,866,598	9,866,598	
ENDING BALANCE AT JUNE 30	**$32,034,609**	**$11,965,050**	**$10,807,415**	**$14,565,135**	**$11,274,974**	**$11,155,612**	**$12,524,318**	**$12,206,649**	**$14,614,824**	**$19,540,015**	**$19,106,680**	
MEMBER AGENCY BALANCE SUMMARY												
Member Agency Balance, July 1	$13,541,633	$34,485,633	$14,410,504	$5,141,035	$23,531,630	$19,066,832	$26,557,166	$46,653,066	$66,511,843	$83,191,517	$84,190,062	
New Connection Revenues	20,944,000	17,334,900	17,854,947	18,390,595	18,942,313	19,510,583	20,095,900	20,698,777	21,319,740	21,959,333	22,618,113	
IEUA Capital Call	0	(37,410,029)	(27,124,416)	(0)	(23,407,112)	(12,020,248)	0	(840,000)	(4,640,067)	(20,960,788)	(44,511,233)	
MEMBER AGENCY RESERVE ENDING BALANCE	**$34,485,633**	**$14,410,504**	**$5,141,035**	**$23,531,630**	**$19,066,832**	**$26,557,166**	**$46,653,066**	**$66,511,843**	**$83,191,517**	**$84,190,062**	**$62,296,942**	

EXHIBIT XI
RECYCLED WATER CAPITAL IMPROVEMENT (WC) FUND
SOURCES AND USES OF FUNDS

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	TOTAL 2003/04-2012/13
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									
RECEIPTS												
Contract Work	$1,015,000	$70,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$15,000	$205,000
Grants	0	5,500,000	3,002,000	1,498,000	0	3,236,000	1,764,000	0	0	0	0	15,000,000
State Loans	0	19,019,474	990,000	7,884,360	7,942,275	1,233,000	4,302,900	2,880,000	2,250,000	2,867,400	19,800,000	69,169,409
Loan Proceeds - WW	0	0	0	0	0	0	0	0	0	0	0	0
Interest Revenue	32,880	37,213	70,812	74,005	84,262	103,854	101,109	98,794	96,887	93,939	90,781	851,656
TOTAL RECEIPTS	**$1,047,880**	**$24,626,687**	**$4,077,812**	**$9,471,365**	**$8,041,537**	**$4,587,854**	**$6,183,009**	**$2,993,794**	**$2,361,887**	**$2,976,339**	**$19,905,781**	**$85,226,065**
EXPENSES												
Operations / Administrative Expenses	$253,809	$575,278	$567,564	$570,948	$588,050	$605,661	$641,881	$653,061	$664,577	$676,438	$688,656	$6,232,114
Interest Expense	0	0	237,743	478,555	570,153	743,829	826,015	798,240	801,776	835,031	889,023	6,180,365
Contract Work	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Special Projects	156,644	441,313	441,313	366,500	366,500	367,300	325,000	275,000	275,000	275,000	275,000	3,407,926
TOTAL EXPENSES	**$425,453**	**$1,031,591**	**$1,261,620**	**$1,431,003**	**$1,539,703**	**$1,731,791**	**$1,807,895**	**$1,741,301**	**$1,756,352**	**$1,801,470**	**$1,867,678**	**$15,970,405**
CHANGES IN - LONG-TERM ASSETS												
Work In Progress	$2,713,370	$25,189,050	$4,122,000	$10,278,400	$8,844,750	$4,626,000	$6,565,000	$3,220,000	$2,520,000	$3,206,000	$22,020,000	$90,591,200
NET CHANGE, LONG-TERM ASSETS	**$2,713,370**	**$25,189,050**	**$4,122,000**	**$10,278,400**	**$8,844,750**	**$4,626,000**	**$6,565,000**	**$3,220,000**	**$2,520,000**	**$3,206,000**	**$22,020,000**	**$90,591,200**
SHORT-TERM LIABILITIES												
Loan Payments - WW	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Loan Payment - SRF Loan	0	0	372,279	773,243	966,277	1,300,217	1,727,506	2,010,018	2,261,219	2,964,050	3,702,395	16,077,202
NET CHANGE, SHORT-TERM LIABILITIES	**$1,000,000**	**$0**	**$372,279**	**$773,243**	**$966,277**	**$1,300,217**	**$1,727,506**	**$2,010,018**	**$2,261,219**	**$2,964,050**	**$3,702,395**	**$16,077,202**
OTHER FINANCING SOURCES (USES)												
Operating Transfer - Loan Payment to RC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Operating Transfer - Capital Contribution-RC	2,500,000	1,700,000	0	500,000	350,000	(300,000)	275,000	350,000	500,000	1,700,000	4,300,000	9,375,000
Operating Transfer - Operation Support -WO	300,000	775,000	1,900,000	2,475,000	2,990,000	3,300,000	3,600,000	3,575,000	3,650,000	3,200,000	3,350,000	28,815,000
TOTAL OTHER FINANCING SOURCES (USE	**$2,800,000**	**$2,475,000**	**$1,900,000**	**$2,975,000**	**$3,340,000**	**$3,000,000**	**$3,875,000**	**$3,925,000**	**$4,150,000**	**$4,900,000**	**$7,650,000**	**$38,190,000**
INCREASE (DECREASE) IN WORKING CAPITAL RESERVES	**($290,943)**	**$881,046**	**$221,913**	**($36,281)**	**$30,807**	**($70,154)**	**($42,392)**	**($52,525)**	**($25,685)**	**($95,180)**	**($34,292)**	**$777,258**
WORKING CAPITAL SUMMARY												
Beginning Balance July 01	$1,357,547	$1,066,604	$1,947,650	$2,169,563	$2,133,282	$2,164,089	$2,093,935	$2,051,543	$1,999,018	$1,973,333	$1,878,153	$19,477,170
Reserve Increase/(Decrease)	(290,943)	881,046	221,913	(36,281)	30,807	(70,154)	(42,392)	(52,525)	(25,685)	(95,180)	(34,292)	777,257
ENDING BALANCE AT JUNE 30	**$1,066,604**	**$1,947,650**	**$2,169,563**	**$2,133,282**	**$2,164,089**	**$2,093,935**	**$2,051,543**	**$1,999,018**	**$1,973,333**	**$1,878,153**	**$1,843,861**	
RESERVE BALANCE SUMMARY												
Debt Service Reserve	$1,000,000	1,000,000	$1,000,000	$1,000,000	$1,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	
Capital Replacement	1,066,604	947,650	1,169,563	1,133,282	1,164,089	93,935	$51,543	($982)	($26,667)	($121,847)	($156,139)	
ENDING BALANCE AT JUNE 30	**$2,066,604**	**$1,947,650**	**$2,169,563**	**$2,133,282**	**$2,164,089**	**$2,093,935**	**$2,051,543**	**$1,999,018**	**$1,973,333**	**$1,878,153**	**$1,843,861**	

EXHIBIT XII
RECHARGE WATER CAPITAL IMPROVEMENT (RW) FUND
SOURCES AND USES OF FUNDS

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	TOTAL 2003/04-2012/13
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									
RECEIPTS												
2002 Bond Proceeds, Net	$19,705,267	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grants- Prop 13	4,057,788	14,942,212	0	0	0	0	0	0	0	0	0	14,942,212
Contract Cost Reimbursements - Debt Service (WM	429,250	376,169	494,261	498,974	503,410	502,567	506,586	510,326	513,787	516,971	519,876	4,942,927
Contract Cost Reimbursements - Operation (WM)	0	441,859	397,233	397,233	397,233	397,233	397,233	397,233	397,233	397,233	397,233	4,016,956
Interest Revenue	8,585	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	80,000
TOTAL RECEIPTS	**$24,200,890**	**$15,768,240**	**$899,494**	**$904,207**	**$908,643**	**$907,800**	**$911,819**	**$915,559**	**$919,020**	**$922,204**	**$925,109**	**$23,982,095**
EXPENSES												
Professional Fees and Services	$6,500	$1,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000
Recharge Water Facilities Operation & Maintenance	0	441,859	397,233	397,233	397,233	397,233	397,233	397,233	397,233	397,233	397,233	4,016,956
Financial Expenses	283,923	573,500	608,521	597,949	586,820	575,135	563,171	550,651	537,575	523,942	509,752	5,627,016
Special Project - Non Reimb IEUA Admin Costs	55,275	138,901	0	0	0	0	0	0	0	0	0	138,901
Staff Labor, Burden & Overhead	0	0	85,350	85,350	87,597	90,225	92,932	95,720	98,591	101,549	104,595	841,908
TOTAL EXPENSES	**$345,698**	**$1,155,260**	**$1,091,104**	**$1,080,532**	**$1,071,650**	**$1,062,593**	**$1,053,336**	**$1,043,604**	**$1,033,399**	**$1,022,724**	**$1,011,581**	**$10,625,781**
CHANGES IN - LONG-TERM ASSETS												
Work-In-Progress	$6,243,500	$31,654,835	$0	$0	$0	$0	$0	$0	$0	$0	$0	$31,654,835
NET CHANGE, LONG-TERM ASSETS	**$6,243,500**	**$31,654,835**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$31,654,835**
LONG-TERM LIABILITIES												
Bonds Payable - 2002A Bonds	$400,000	$370,000	$380,000	$400,000	$420,000	$430,000	$450,000	$470,000	$490,000	$510,000	$530,000	$4,450,000
NET CHANGE, LONG-TERM LIABILITIES	**$400,000**	**$370,000**	**$380,000**	**$400,000**	**$420,000**	**$430,000**	**$450,000**	**$470,000**	**$490,000**	**$510,000**	**$530,000**	**$4,450,000**
OTHER FINANCING SOURCES (USES)												
Operating Transfers - Debt Service,"RC" Fund	($377,682)	$376,169	$494,261	$498,974	$503,410	$502,567	$506,586	$510,326	$513,787	$516,971	$519,876	$4,942,927
Operation Transfer- Operation Support, "RC" Fund	150,000	151,700	85,350	85,350	87,597	90,225	92,932	95,720	90,000	90,000	95,000	963,873
TOTAL OTHER FINANCING SOURCES (USES)	**($227,682)**	**$527,869**	**$579,611**	**$584,324**	**$591,007**	**$592,792**	**$599,518**	**$606,046**	**$603,787**	**$606,971**	**$614,876**	**$5,906,800**
INCREASE (DECREASE) IN WORKING CAPITAL RESERVES	**$16,984,010**	**($16,883,986)**	**$8,001**	**$7,999**	**$8,000**	**$7,999**	**$8,001**	**$8,001**	**($592)**	**($3,549)**	**($1,596)**	**($16,841,722)**
WORKING CAPITAL SUMMARY												
Beginning Balance July 01	$0	$16,984,010	$100,024	$108,024	$116,023	$124,023	$132,023	$140,024	$148,025	$147,433	$143,884	
Reserve Increase/(Decrease)	16,984,010	(16,883,986)	8,001	7,999	8,000	7,999	8,001	8,001	(592)	(3,549)	(1,596)	
ENDING BALANCE AT JUNE 30	**$16,984,010**	**$100,024**	**$108,024**	**$116,023**	**$124,023**	**$132,023**	**$140,024**	**$148,025**	**$147,433**	**$143,884**	**$142,288**	
RESERVE BALANCE SUMMARY												
Operation Contingencies	$271,387	$100,024	$108,024	$116,023	$124,023	$132,023	$140,024	$148,025	$147,433	$143,884	$142,288	
Capital Construction	16,712,623	0	0	0	0	0	0	0	0	0	0	
ENDING BALANCE AT JUNE 30	**$16,984,010**	**$100,024**	**$108,024**	**$116,023**	**$124,023**	**$132,023**	**$140,024**	**$148,025**	**$147,433**	**$143,884**	**$142,288**	

EXHIBIT XIII
NON-RECLAIMABLE WASTEWATER SYSTEM CAPITAL IMPROVEMENT (NC) FUND
SOURCES AND USES OF FUNDS

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	TOTAL 2003/04-2012/13
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									
REVENUES												
User Charges - NRWS Users	$1,097,230	$1,093,472	$1,109,759	$1,109,759	$1,109,759	$1,109,759	$1,109,759	$1,109,759	$1,109,759	$1,109,759	$1,109,759	$11,081,302
User Charges - Regional Program	175,392	175,401	175,392	175,392	175,392	175,392	175,392	175,392	175,392	175,392	175,392	1,753,929
Capacity Fees - NRWS Users	0	486,410	0	0	0	0	0	0	0	0	0	486,410
Contract Work/Misc Other Revenue	9,754	15,360	15,641	15,930	16,228	16,535	16,851	17,176	17,512	17,857	18,213	167,302
Interest Revenue	84,354	58,191	65,301	56,253	48,894	53,090	59,774	70,423	82,513	94,807	112,308	701,554
TOTAL REVENUES	**$1,366,730**	**$1,828,835**	**$1,366,093**	**$1,357,334**	**$1,350,273**	**$1,354,776**	**$1,361,776**	**$1,372,750**	**$1,385,175**	**$1,397,815**	**$1,415,671**	**$14,190,497**
EXPENSES												
Operations	$207,106	$112,576	$112,756	$113,214	$116,268	$119,615	$123,203	$126,900	$130,707	$134,628	$138,667	$1,228,533
Interest Expenses	279,528	203,800	189,340	174,613	139,602	84,291	78,661	72,693	66,367	59,661	52,554	1,121,582
Contract Work	7,470	6,000	31,000	31,000	31,000	31,000	6,000	6,000	6,000	6,000	6,000	160,000
TOTAL EXPENSES	**$494,104**	**$322,376**	**$333,096**	**$318,827**	**$286,870**	**$234,906**	**$207,864**	**$205,593**	**$203,074**	**$200,289**	**$197,221**	**$2,510,115**
CHANGES IN -												
LONG-TERM ASSETS												
Long-Term Receivables	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Work-In-Progress	20,470	416,000	20,000	223,740	232,000	218,410	20,000	20,000	20,000	20,000	20,000	1,210,150
CSDLAC 4Rs	1,893,930	1,665,000	778,500	924,000	929,000	929,000	929,000	929,000	929,000	929,000	929,000	9,870,500
NET CHANGE, LONG-TERM ASSETS	**$1,914,400**	**$2,081,000**	**$798,500**	**$1,147,740**	**$1,161,000**	**$1,147,410**	**$949,000**	**$949,000**	**$949,000**	**$949,000**	**$949,000**	**$11,080,650**
LONG-TERM LIABILITIES												
CSDLAC Note	$1,046,369	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
GG Note Payable	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	0	0	4,000,000
SARI Pipeline Capacity Note	70,119	78,785	83,512	88,523	93,835	99,465	105,432	111,758	118,463	125,570	133,105	1,038,448
NET CHANGE, LONG-TERM LIABILITIES	**$2,116,488**	**$1,078,785**	**$1,083,512**	**$1,088,523**	**$1,093,835**	**$99,465**	**$105,432**	**$111,758**	**$118,463**	**$125,570**	**$133,105**	**$5,038,448**
OTHER FINANCING SOURCES (USES)												
Capital Equipment Transfer (GG)	($109,498)	($90,563)	($48,494)	($38,877)	($21,093)	($23,496)	($37,400)	($37,400)	($37,400)	($37,400)	($37,400)	($409,523)
Capital Replacement Transfers - from NO	1,732,000	75,376	552,299	434,500	351,991	256,872	256,872	358,462	358,462	358,462	758,462	3,761,758
Capital Replacement Transfers - from RC	143,916	126,520	59,157	70,213	70,593	70,593	70,593	70,593	70,593	70,593	70,593	750,038
Operation Support Transfers (NO)	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTHER FINANCING SOURCES (USES)	**$1,766,418**	**$111,333**	**$562,962**	**$465,836**	**$401,491**	**$303,969**	**$290,065**	**$391,655**	**$391,655**	**$391,655**	**$791,655**	**$4,102,273**
INCREASE (DECREASE) IN WORKING CAPITAL RESERVES	**($1,391,844)**	**($1,541,993)**	**($286,054)**	**($731,920)**	**($789,942)**	**$176,963**	**$389,544**	**$498,054**	**$506,294**	**$514,611**	**$928,001**	**($336,443)**
WORKING CAPITAL SUMMARY												
Beginning Balance July 01	$6,898,611	$5,506,767	$3,964,773	$3,678,720	$2,946,799	$2,156,858	$2,333,821	$2,723,365	$3,221,419	$3,727,713	$4,242,323	
Reserve Increase/(Decrease)	(1,391,844)	(1,541,993)	(286,054)	(731,920)	(789,942)	176,963	389,544	498,054	506,294	514,611	928,001	
ENDING BALANCE AT JUNE 30	**$5,506,767**	**$3,964,773**	**$3,678,720**	**$2,946,799**	**$2,156,858**	**$2,333,821**	**$2,723,365**	**$3,221,419**	**$3,727,713**	**$4,242,323**	**$5,170,324**	
RESERVE BALANCE SUMMARY												
Operating Contingency	$164,701	$107,459	$111,032	$106,276	$95,623	$78,302	$69,288	$68,531	$67,691	$66,763	$65,740	
Capital Expansion	5,342,065	3,857,315	3,567,688	2,840,524	2,061,234	2,255,519	2,654,077	3,152,888	3,660,021	4,175,560	5,104,584	
ENDING BALANCE AT JUNE 30	**$5,506,767**	**$3,964,773**	**$3,678,720**	**$2,946,799**	**$2,156,858**	**$2,333,821**	**$2,723,365**	**$3,221,419**	**$3,727,713**	**$4,242,323**	**$5,170,324**	

EXHIBIT XIV
CO-COMPOSTING CAPITAL IMPROVEMENT (CC) FUND
SOURCES AND USES OF FUNDS

Revision

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	TOTAL 2003/04-2012/13
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									
RECEIPTS												
Other Revenues	$14,215	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Sales of Property	150,000	1,350,000	0	8,236,000	0	2,434,000	0	2,434,000	0	0	0	14,454,000
Advance Proceeds - RC Funds	0	0	0	0	0	0	0	0	0	0	0	0
Bond Proceeds	12,851,415	0	0	0	0	0	0	0	0	0	0	0
Interest Revenue	402,738	154,030	4,113	3,460	3,749	4,773	0	4,535	4,505	4,598	4,411	188,174
Contract Cost Reimbursement	0	250,000	83,333	0	0	0	0	0	0	0	0	333,333
TOTAL RECEIPTS	**$13,418,368**	**$1,754,030**	**$87,446**	**$8,239,460**	**$3,749**	**$2,438,773**	**$0**	**$2,438,535**	**$4,505**	**$4,598**	**$4,411**	**$14,975,507**
EXPENSES												
Professional Fees and Services	$22,750	$2,000	$7,000	$7,000	$7,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$323,000
Cost Reimbursable Contracts	0	250,000	83,333	0	0	0	0	0	0	0	0	333,333
Special Projects	4,500	56,000	0	0	0	0	0	0	0	0	0	56,000
Financial and Interest Expenses	278,038	414,664	489,508	476,365	460,568	438,656	415,466	390,859	364,573	355,809	346,628	4,153,096
Staff's Salaries/Burden/OH & Other Allocations	124,306	129,038	156,493	161,192	166,032	171,013	176,143	181,428	186,870	192,477	198,251	1,718,936
TOTAL EXPENSES	**$429,594**	**$851,702**	**$736,334**	**$644,557**	**$633,600**	**$659,669**	**$641,610**	**$622,286**	**$601,443**	**$598,285**	**$594,878**	**$6,584,365**
CHANGES IN - LONG-TERM ASSETS												
Receivable - Stockpile Cover Loans	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Investment in IERCA	1,262,080	14,000,000	3,637,920	0	0	0	0	0	0	0	0	17,637,920
Work In Progress	53,200	506,000	48,000	48,000	48,000	0	0	0	0	0	0	650,000
NET CHANGE, LONG-TERM ASSETS	**$1,315,280**	**$14,506,000**	**$3,685,920**	**$48,000**	**$48,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$18,287,920**
CHANGES IN - LONG-TERM LIABILITIES												
Co-Composting Bonds -1990/2002A	$535,000	$535,000	$565,000	$595,000	$630,000	$665,000	$705,000	$750,000	$315,000	$292,829	$283,648	$5,336,476
NET CHANGE, LONG-TERM LIABILITIES	**$535,000**	**$535,000**	**$565,000**	**$595,000**	**$630,000**	**$665,000**	**$705,000**	**$750,000**	**$315,000**	**$292,829**	**$283,648**	**$5,336,476**
OTHER FINANCING SOURCES (USES)												
Operating Transfer - Debt Service	$813,038	$949,664	$991,528	$1,008,385	$1,027,588	$1,040,676	$1,057,486	$1,077,879	$616,593	$585,658	$567,295	$8,922,752
Operating Transfer - Capital Contribution-RC	0	980,000	3,880,000	(8,160,000)	280,000	(2,150,000)	280,000	(2,150,000)	300,000	300,000	300,000	(6,140,000)
Operating Transfer from "CO" Fund	0	0	0	190,000	0	0	0	0	0	0	0	190,000
TOTAL OTHER FINANCING SOURCES (USES)	**$813,038**	**$1,929,664**	**$4,871,528**	**($6,961,615)**	**$1,307,588**	**($1,109,324)**	**$1,337,486**	**($1,072,121)**	**$916,593**	**$885,658**	**$867,295**	**$2,972,752**
INCREASE (DECREASE) IN WORKING CAPITAL RESERVES	$11,951,532	($12,209,008)	($28,280)	($9,712)	($263)	$4,780	($9,123)	($5,873)	$4,655	($859)	($6,820)	**($12,260,502)**
WORKING CAPITAL SUMMARY												
Beginning Balance July 01	$391,194	$12,342,726	$133,718	$105,438	$95,726	$95,463	$100,243	$91,120	$85,247	$89,902	$89,043	
Reserve Increase/(Decrease)	11,951,532	(12,209,008)	(28,280)	(9,712)	(263)	4,780	(9,123)	(5,873)	4,655	(859)	(6,820)	
ENDING BALANCE AT JUNE 30	**$12,342,726**	**$133,718**	**$105,438**	**$95,726**	**$95,463**	**$100,243**	**$91,120**	**$85,247**	**$89,902**	**$89,043**	**$82,223**	
RESERVE BALANCE SUMMARY												
Operating Contingencies	$0	$0	$0	$0	$0	$0	0	0	0	0	0	
Capital Replacement	12,342,726	0	0	0	0	0	0	0	0	0	0	
Debt Reserve	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
Capital/Operation Contingency	**$12,342,726**	**$133,718**	**$105,438**	**$95,726**	**$95,463**	**$100,243**	**$91,120**	**$85,247**	**$89,902**	**$89,043**	**$82,223**	

EXHIBIT XV
ORGANICS MANAGEMENT CAPITAL IMPROVEMENT (OC) FUND
SOURCES AND USES OF FUNDS

		TEN-YEAR CAPITAL IMPROVEMENT PLAN										
	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	
	PROJECTED ACTUAL	PROPOSED BUDGET	FORECAST									TOTAL 2003/04-2012/13
RECEIPTS												
Grants	$0	$1,925,000	$5,775,000	$0	$0	$0	$0	$0	$0	$0	$0	$7,700,000
Contract Cost Reimbursement	250,000	0	0	0	0	0	0	0	0	0	0	0
Interest Income	3,571	1,328	1,820	979	1,111	1,319	1,380	1,264	1,224	1,258	1,239	12,922
Other Revenue	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RECEIPTS	**$253,571**	**$1,926,328**	**$5,776,820**	**$979**	**$1,111**	**$1,319**	**$1,380**	**$1,264**	**$1,224**	**$1,258**	**$1,239**	**$7,712,922**
EXPENSES												
Staff's Salaries/Burden/OH & Other Allocations	$45,811	$293,788	$259,352	$58,511	$60,267	$62,075	$63,937	$65,855	$67,831	$69,866	$71,962	$1,073,444
Professional Services	38,000	39,000	29,720	30,461	31,225	32,012	50,000	50,000	50,000	50,000	50,000	412,418
Capacity Charges - NRW System	10,022	10,022	10,022	10,022	10,022	10,022	10,022	10,022	10,022	10,022	10,022	100,224
Special Projects	120,000	140,000	0	0	0	0	0	0	0	0	0	140,000
TOTAL EXPENSES	**$213,834**	**$482,810**	**$299,094**	**$98,995**	**$101,514**	**$104,109**	**$123,959**	**$125,878**	**$127,853**	**$129,888**	**$131,984**	**$1,726,086**
CHANGES IN - LONG-TERM ASSETS												
Work in Progress	300,000	2,547,000	6,000,000	0	0	0	0	0	0	0	0	8,547,000
NET CHANGE, LONG-TERM ASSETS	**$300,000**	**$2,547,000**	**$6,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$8,547,000**
OTHER FINANCING SOURCES (USES)												
Operating Transfer/Capital Support GG/OC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
Operating Transfer - Capital Support RC/OC	500,000	950,000	520,000	50,000	100,000	100,000	125,000	120,000	125,000	130,000	130,000	2,350,000
TOTAL OTHER FINANCING SOURCES (USES)	**$500,000**	**$950,000**	**$520,000**	**$50,000**	**$100,000**	**$100,000**	**$125,000**	**$120,000**	**$125,000**	**$130,000**	**$130,000**	**$2,350,000**
INCREASE (DECREASE) IN WORKING CAPITAL RESERVES	**$239,737**	**($153,482)**	**($2,274)**	**($48,016)**	**($403)**	**($2,790)**	**$2,421**	**($4,614)**	**($1,629)**	**$1,370**	**($745)**	**($210,164)**
WORKING CAPITAL SUMMARY												
Beginning Balance July 01	$19,994	$259,731	$106,249	$103,974	$55,959	$55,555	$52,765	$55,186	$50,572	$48,943	$50,313	
Reserve Increase/(Decrease)	239,737	(153,482)	(2,274)	(48,016)	(403)	(2,790)	2,421	(4,614)	(1,629)	1,370	(745)	
ENDING BALANCE AT JUNE 30	**$259,731**	**$106,249**	**$103,974**	**$55,959**	**$55,555**	**$52,765**	**$55,186**	**$50,572**	**$48,943**	**$50,313**	**$49,568**	
RESERVE BALANCE SUMMARY												
Captial/Operation Contingencies	**$259,731**	**$106,249**	**$103,974**	**$55,959**	**$55,555**	**$52,765**	**$55,186**	**$50,572**	**$48,943**	**$50,313**	**$49,568**	

EXHIBIT XVI

PROJECTED STATUS OF REIMBURSEMENT

PAYMENT RECEIPTS

($1000's of Dollars)

FISCAL YEAR	ANNUAL CONTRACTING AGENCY RECEIPTS (REIMBURSEMENT FEES)	IEUA EXPENDITURE OF FUNDS (CAPITAL CALLS)	BALANCE OF FUNDS COLLECTED	BALANCE OF FUNDS COLLECTED FOR 5 OR MORE YEARS
1989-90	11,331	33,257	0	0
1990-91	4,844	13,560	0	0
1991-92	6,074	9,750	0	0
1992-93	4,337	0	4,337	0
1993-94	3,770	0	8,107	0
1994-95	4,906	0	13,013	0
1995-96	6,801	4,600	15,214	0
1996-97	11,185	5,125	21,274	0
1997-98	13,551	24,519	10,306	0
1998-99	13,718	14,637	9,387	0
1999-00	14,390	3,200	20,577	0
2000-01	13,089	18,000	15,666	0
2001-02	12,810	48,010	0	0
2002-03	20,944	0	20,944	0
2003-04	17,335	37,410	869	0
2004-05	17,855	27,124	0	0
2005-06	18,391	0	18,391	0
2006-07	18,942	23,407	13,926	0
2007-08	19,511	12,020	21,417	0
2008-09	20,096	0	41,513	0
2009-10	20,699	840	61,372	0
2010-11	21,320	4,640	78,052	0
2011-12	21,959	21,961	78,050	0
2012-13	22,618	44,511	56,157	0

APPENDIX A

INCREMENTAL EDU GROWTH DATA

APPENDIX A
2002/03 TEN-YEAR CAPITAL IMPROVEMENT PLAN
INCREMENTAL EDU GROWTH DATA

INCREMENTAL EDU GROWTH (EDUs / YR)									
AGENCY	**YEAR**	**RP-1**	**RP-4**	**RP-1/RP-4**	**CCWRF**	**RP-2**	**RP-2/RP-5**	**RP-5**	**SUM**
	Baseline	**12,683**	**15,745**	**19,262**					
CCWD	02/03	506	627	766					1,899
	03/04	478	595	728					1,801
	04/05	452	561	687					1,700
Items shown in	05/06	426	528	645					1,599
"RP-1/RP-4" column are	06/07	399	495	607					1,501
currently in RP-1, but may in	07/08	372	463	566					1,401
future bypass to RP-4 as RP-4.	08/09	346	429	523					1,298
Trunk Sewer is constructed.	09/10	319	396	487					1,202
	10/11	293	363	444					1,100
	11/12	266	330	403					999
	12/13	270	321	409					1,000
TEN-YR TOTALS		***3,621***	***4,481***	***5,499***					**13,601**
	Baseline	**9,768**	**8,918**	***23,783***					
FONTANA	02/03	381	817	80					1,278
	03/04	353	817	80					1,250
	04/05	353	789	80					1,222
Flow from the "RP-1/RP-4"	05/06	353	787	91					1,231
service area currently goes to	06/07	328	787	91					1,206
RP-1, but may in future go to	07/08	328	787	91					1,206
RP-4 when San Bernardino Ave	08/09	328	787	109					1,224
Interceptor and Pump Station is	09/10	356	787	109					1,252
constructed.	10/11	328	767	109					1,204
	11/12	328	725	85					1,138
	12/13	300	710	75					1,085
TEN-YR TOTALS		***3,355***	***7,743***	***920***					**12,018**
	Baseline	**732**			**10,703**				
MONTCLAIR	02/03	10			40				50
	03/04	20			30				50
	04/05	20			30				50
Items shown in "RP-1" column	05/06	20			30				50
go directly to RP-1. Items	06/07	15			10				25
shown in "CCWRF" column	07/08	15			10				25
flow directly to CCWRF unless	08/09	15			10				25
diverted to RP-1. This	09/10	15			10				25
breakdown assumes no	10/11	15			10				25
diversions.	11/12	15			10				25
	12/13	15			10				25
TEN-YR TOTAL		***165***			***160***				**325**
	Baseline	**57,660**						**0**	
ONTARIO	02/03	755						0	755
	03/04	760						450	1,210
The flow going to RP-5	04/05	700						965	1,665
increases as the New	05/06	670						950	1,620
Kimball Interceptor/Eastern	06/07	675						950	1,625
Model Colony comes on-line an	07/08	680						950	1,630
portions of Ag Preserve becom	08/09	685						950	1,635
sewered.	09/10	690						950	1,640
	10/11	695						950	1,645
	11/12	650						1,000	1,650
	12/13	605						1,000	1,605
TEN-YR TOTAL		***6,810***						***9,115***	**15,925**

APPENDIX A
2002/03 TEN-YEAR CAPITAL IMPROVEMENT PLAN
INCREMENTAL EDU GROWTH DATA

INCREMENTAL EDU GROWTH (EDUs / YR)									
AGENCY	**YEAR**	**RP-1**	**RP-4**	**RP-1/RP-4**	**CCWRF**	**RP-2**	**RP-2/RP-5**	**RP-5**	**SUM**
	Baseline	**19,487**			**6,018**				
UPLAND	02/03	426			46				472
	03/04	406			90				496
Items shown in the CCWRF	04/05	681			123				804
column could be diverted to	05/06	286			155				441
RP-1. This breakdown assume	06/07	293			155				448
no diversions.	07/08	267			108				375
	08/09	135			106				241
	09/10	74			156				230
	10/11	82			118				200
	11/12	82			118				200
	12/13	82			118				200
TEN-YR TOTAL		***2,388***			***1,247***				**3,635**
	Baseline	**622**			**14,096**	**0**	**2,304**		
CHINO	02/03	0			100	0	80		180
	03/04	10			100	15	80		205
Flow from "RP-2" service area	04/05	5			100	150	70		325
will in future be lifted to RP-5 by	05/06	5			100	180	50		335
a new pump station located	06/07	0			50	200	40		290
at RP-2. Flow from	07/08	5			50	200	40		295
"RP-2/RP-5" service area	08/09	0			50	200	40		290
will in future flow directly to	09/10	5			50	210	40		305
RP-5. All flow is currently to	10/11	0			50	210	40		300
RP-2, CCWRF and RP-1.	11/12	5			50	210	40		305
	12/13	0			50	210	40		300
TEN-YR TOTAL		***35***			***650***	***1,785***	***480***		**2,950**
	Baseline				***10,780***	***1,622***	***10,327***		
CHINO HILLS	02/03				334	2	557		893
	03/04				102	5	464		571
Flow from "RP-2" service area	04/05				85	5	854		944
will in future be lifted to RP-5 by	05/06				34	5	390		429
a new pump station located	06/07				21	0	187		208
at RP-2. Flow from	07/08				3	0	105		108
"RP-2/RP-5" service area	08/09				3	0	59		62
will in future flow directly to	09/10				0	0	50		50
RP-5.	10/11				0	0	19		19
	11/12				0	0	0		0
	12/13								
TEN-YR TOTAL					***248***	***15***	***2,128***		**2,391**

LAST YEAR'S DATA

	YEAR	**RP-1**	**RP-4**	**RP-1/RP-4**	**CCWRF**	**RP-2**	**RP-2/RP-5**	**RP-5**	**SUM**
	Baseline	**100,952**	**24,663**	**43,045**	**41,597**	**1,622**	**12,631**	**0**	**224,510**
	02/03	2,078	1,444	846	520	2	637	0	5,527
GRAND TOTALS	03/04	2,027	1,412	808	322	20	544	450	5,583
	04/05	2,211	1,350	767	338	155	924	965	6,710
	05/06	1,760	1,315	736	319	185	440	950	5,705
	06/07	1,710	1,282	698	236	200	227	950	5,303
	07/08	1,667	1,250	657	171	200	145	950	5,040
	08/09	1,509	1,216	632	169	200	99	950	4,775
	09/10	1,459	1,183	596	216	210	90	950	4,704
	10/11	1,413	1,130	553	178	210	59	950	4,493
	11/12	1,346	1,055	488	178	210	40	1,000	4,317
	12/13	1,272	1,031	484	178	210	40	1,000	4,215
Incremental Growth 10-yr avg (FY03/04-12/13)		**1,637**	**1,222**	**642**	**231**	**180**	**261**	**912**	**5,085**
Incremental Growth 11-yr avg (FY02/03-12/13)		**1,677**	**1,243**	**660**	**257**	**164**	**295**	**829**	**5,125**

APPENDIX B

PROPOSED CAPITAL PROJECTS SUMMARY

Inland Empire Utilities Agency
Fiscal Years 2002/03-2012/13
Proposed Capital Project Summary
Capital Improvement (in US $'s)

Project Number	Project Description	Current Budget 02/03	Ten-Year CIP 03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13	10-yr Project Budget	Total Project Budget
	RC Regional Capital													
1850	**Replacement**													
AA075	RP1 Aeration Basins Gate Replacements,Phs II			307,650									307,650	307,650
AA076	RP1 Aeration Basins Gate Replacements,Phs IIII				307,650								307,650	307,650
AA077	RP1 Landscape Modification, Phase I					23,100							23,100	23,100
AA078	RP1 Landscape Modification, Phase II							23,100					23,100	23,100
AA080	RP2 Landscape Modification, Phase II					15,960							15,960	15,960
AA081	RP2 Landscape Modification, Phase III								18,690				18,690	18,690
AA082	RP4 Landscape Modification, Phase II					22,360							22,360	22,360
AA083	RP4 Landscape Modification, Phase III								27,930				27,930	27,930
AA084	RP5 Landscape Modification, Phase I					35,700							35,700	35,700
AA085	RP5 Landscape Modification, Phase II							35,700					35,700	35,700
AA092	Manhole Sealing Project, Phase III			40,500									40,500	40,500
AA093	Manhole Sealing Project, Phase IV				42,500								42,500	42,500
AA094	Manhole Sealing Project, Phase V					46,000							46,000	46,000
AA095	RP1 Asphalt Maintenance, Phase I			26,880									26,880	26,880
AA096	RP1 Asphalt Maintenance, Phase II					26,880							26,880	26,880
AA097	RP1 Asphalt Maintenance, Phase III							26,880					26,880	26,880
AA098	RP1 Asphalt Maintenance, Phase III									26,880			26,880	26,880
AA099	RP2 Asphalt Maintenance, Phase I					13,650							13,650	13,650
AA101	RP2 Asphalt Maintenance, Phase II							13,650					13,650	13,650
AA102	RP2 Asphalt Maintenance, Phase III									13,650			13,650	13,650
AA103	RP4 Asphalt Maintenance, Phase I				11,130								11,130	11,130
AA104	RP4 Asphalt Maintenance, Phase II						11,130						11,130	11,130
AA105	RP4 Asphalt Maintenance, Phase III								11,130				11,130	11,130
AA106	RP5 Asphalt Maintenance, Phase I				21,000								21,000	21,000
AA107	RP5 Asphalt Maintenance, Phase II						21,000						21,000	21,000
AA108	RP5 Asphalt Maintenance, Phase III								21,000				21,000	21,000
AA109	CCWRP Asphalt Maintenance, Phase I				11,550								11,550	11,550
AA110	CCWRP Asphalt Maintenance, Phase II						11,550						11,550	11,550
AA111	CCWRP Asphalt Maintenance, Phase III								11,550				11,550	11,550
AA139	RP1 Aeration Basins Gate Replacements, Phs IV					307,650							307,650	307,650
AA140	RP1 Aeration Basins Gate Replacements, Phs V						161,700						161,700	161,700
CP04007	CCWRF- Install New Controllers w/Pedestals		12,834										12,834	12,834
EA03003	RP1: Dissolved Oxygen Probes	20,555											0	20,555
EA03004	RP1: Replace Motor Control Center/Hdwrks	32,658											0	32,658
EA04003	RP1: Dissolved Oxygen Probes		20,555										20,555	20,555
EA04004	Upgrade 2 Applc Wkstation to UltraSparc 60		47,383										47,383	47,383
EA04005	RP1/RP2/CC/RP4-Upgrade DCS Alarm Paging Sys		33,661										33,661	33,661
EA04008	RP1 - Public Address System		19,000										19,000	19,000
EA05001	RP1 - Replace 3 PC Workstation			15,216									15,216	15,216
EB03001	Replace 4 NT Workstions	13,692											0	13,692
EB04001	PC Workstation Replacements (4)		15,216										15,216	15,216
EB04004	RP1/TP1/Desalter-4 NT Workstation Replacements		15,216										15,216	15,216
EB04006	RP2 - Flow Meter Replacements		16,461										16,461	16,461
EB06001	DCS Workstation Monitor Replacement				24,746								24,746	24,746
EC03001	ISCO 3700 Automatic Samplers	5,600											0	5,600
EN02003	RP1: Automatic Panel Flexing System	276,950											0	376,950

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	RC Regional Capital (cont'd)													
EN02005	RP2: Recycle Flow PS Repaint	3,300											0	23,300
EN02022	Montclair Lift Station Pavement Maint.	3,000	3,500										3,500	3,500
EN02024	RP2: Digester Cover Coating	10,000	80,000										80,000	88,950
EN02039	RP2 Emergency Repair of Digester No.4	400,000											0	400,000
EN03001	CCWRP Replace-Aeration Drain Vlvs.	127,000	218,900										218,900	228,900
EN03002	Prado Dechl Station Pavement Maint.	12,600	12,600										12,600	12,600
EN03006	RP1: DAFT 1,2,&3 Hopper Sldg. Drain Pipes	42,680											0	42,680
EN03007	Montclair Int TV Inspection	12,800	12,800										12,800	12,800
EN03008	Archibald Tr TV Inspection	10,600	10,600										10,600	10,600
EN03009	Etiwanda Interceptor Manholes	73,700			73,100	300,600							373,700	373,700
EN03011	RP1- Replace Aerated Grit Chmb Effl Gates	131,400											0	131,400
EN03350	Regional Sys Emergency Pipeline Repairs	90,000	22,270										22,270	90,000
EN04009	RP1: Replace- Aerated Grit Chmbr. Effl. Slide G		31,400	100,000									131,400	131,400
EN04012	RP1 Aeration Basins Gate Replacements,Phs I		307,650										307,650	307,650
EN04013	Manhole Sealing Project, Phase II		38,500										38,500	38,500
GM03001	CEO/GM Regional Cap. Rplcmnt Contngcy.	40,000											0	40,000
GM04001	CEO/GM Regional Cap. Rplcmnt Contngcy.		40,000										40,000	40,000
GM05001	CEO/GM Regional Cap. Rplcmnt Contngcy.			40,000									40,000	40,000
GM06001	CEO/GM Regional Cap. Rplcmnt Contngcy.				40,000								40,000	40,000
GM07001	CEO/GM Regional Cap. Rplcmnt Contngcy.					40,000							40,000	40,000
GM08001	CEO/GM Regiona Cap. Replcment Contingency						40,000						40,000	40,000
GM09001	CEO/GM Regional Cap Replcment Contingency							40,000					40,000	40,000
GM10001	CEO/GM Regional Cap Replcment Contingecy								40,000				40,000	40,000
GM11001	CEO/GM Regional Cap Replcment Contingency									40,000			40,000	40,000
GM12001	CEO/GM Regional Cap Replcment Contingency										40,000		40,000	40,000
GM13001	CEO/GM Regional Cap Replcment Contingency											40,000	40,000	40,000
GS02015	RP1: Automate Swing Gate	10,490											0	10,780
IS02021	RP1: Control Processors Replcmnt. (2)	36											0	45,330
IS03011	RP1: Replace 10 & 15 Series Control Process	50,357											0	50,357
OA03004	RP1- Gravity Thickener Flow Meter	9,408											0	9,408
OB01001	CCWRF: Barscreen Cover Replacement	45,410	30,000										30,000	95,410
OB04002	CCWRF - Secondary Clarifier Weir Washers		65,200										65,200	65,200
PA02005	Prado Dechlor Stn: Relocate Pmps & Analyzers	474											0	34,772
PA02013	Digester Gas Mixer Blower	9,309											0	32,325
PA03003	RP4: Update Hdwrks Local Control Sys.	38,500											0	38,500
PA03007	RP1: IPS Pump Suction Bells	12,068											0	12,068
PA03009	RP1: Rebuild IPS Pumps 7 & 8	34,200											0	34,200
PA03010	RP1: Overhaul Primary Clarifiers (2)	32,323											0	32,323
PA03011	Rebuild IPS Pumps 1, 2, & 3		46,849										46,849	46,849
PA03014	RP1: Rebuild/Replace Dewatering Hopper Control	56,100	56,100										56,100	56,100
PA03015	Closed Loop for Gas Compressor		30,683										30,683	30,683
PA03020	Upgrade 2 Application WkStation-UltraSparc 60	45,233	45,233										45,233	45,233
PA03021	Upgrade 4 Foxboro AW Station	68,693	68,693										68,693	68,693
PA03022	Upgrade Foxboro Software to Version 7.x	48,920	48,920										48,920	48,920
PA03025	Crane Replacement	40,000	10,000										10,000	50,000
PA04005	Primary Clarifiers Overhaul (2)		36,633										36,633	36,633
PA04006	RP1: Rebuild IPS Pumps 9 & 10		36,730										36,730	36,730
PA04008	RP4: IPS Pumps Overhaul		27,009										27,009	27,009

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	RC Regional Capital (cont'd)													
PA04011	RP1 Hot Water Isolation Valves Replacement		21,695										21,695	21,695
PA05003	RP1: Replace Chains/Rails 2 Prim. Clarif. (2)			36,633									36,633	36,633
PA05004	Replace Dewatering Belt Press #1 Comp.			94,934									94,934	94,934
PA05006	Desalter SCADA & Report Upgrade			16,999									16,999	16,999
PA06001	RP4: Overhaul Plant Process Water Pump				6,340								6,340	6,340
PA06002	RP1: Belt Press #3 Components Replacement				99,244								99,244	99,244
PA06004	RP1: Overhaul Primary Clarifiers				40,943								40,943	40,943
PA07001	Replace 7 workstation monitors RP1/RP2/RP4					24,745							24,745	24,745
PA07002	RP1 - Replace 4 Notebook Computers					15,281							15,281	15,281
PA07003	Replace 4 NT Workstations					13,692							13,692	13,692
PB03004	CCWRP Heating Boiler Replacement	8,275											0	8,275
PB03005	CCWRP - Chemical/Lubrication Storage Container	3,000											0	3,000
PB04002	CCWRF Mixers/Lifting Hoist Replacements		81,713										81,713	81,713
PB04003	CCWRF Replace Blower Building Roofing		18,600										18,600	18,600
PB04004	RP2 - Replacement of three (3) TAS Pumps		86,878										86,878	86,878
PB04005	RP2 - DAFT Pressurization Pumps Replacement		10,894										10,894	10,894
PB04006	RP2 - Replace Belt Press Feed Pump		15,711										15,711	15,711
	Total Replacement	*1,819,331*	*1,696,087*	*678,812*	*678,203*	*885,618*	*245,380*	*139,330*	*130,300*	*80,530*	*40,000*	*40,000*	*4,614,260*	*6,204,523*
1851	**Replacement, Tertiary**													
EA03002	TP1: Replace Motor Control Center/Sed Basin	23,850											0	23,850
EA03006	Prado Dechl -Replace/Relocate Analyzers	41,000											0	41,000
EA04002	TP1: Replace MCC Utility Water Pump Stn.		81,738										81,738	81,738
EA04009	TP4 -Filter Valves Replacements		37,000										37,000	37,000
EN20054	Chlorine Scrubber Modifications	5,000											0	217,000
OA05002	TP1: SCBA Tanks & Facepieces Replacement			4,960									4,960	4,960
PA03016	TP1: Sludge Recirculation Pumps (2)	18,685											0	18,685
PA03018	TP1: Replace Flocculators (2)	11,888											0	11,888
PA04010	TP1: Replace Flocculators		14,044										14,044	14,044
PA04012	TP1 - Replace two (20 Uninterruptible Power Supply		25,890										25,890	25,890
PA05005	TP1: Replace two Flocculators			24,196									24,196	24,196
	Total Replacement, Tertiary	**100,423**	**158,672**	**29,156**									187,828	**500,251**
1860	**Equipment**													
CP04008	RP1 Automated Irrigation System		2,334										2,334	2,334
EA03001	Remote Sites-V1,V2 & Prado/Radio Telemetry	23,170											0	23,170
EA03007	RP1 Digester Area Electrical Compliance	350,000											0	350,000
EA04006	RP1/TP1- Purchase of 4 Laptop Computers		28,847										28,847	28,847
EA05002	Purchase Power Mgmt System-RP1/RP2/CC/RP4			191,132									191,132	191,132
EA05003	RP1/CC/RP2/RP4-Install Wireless Remote Wkstn			95,857									95,857	95,857
EA05004	AVANTIS DYNAMIC Maintenance Manager			190,985									190,985	190,985
EA05005	Invensys Time Syncronization Software			28,980									28,980	28,980
EA05006	DCS Network Update and Security Enhancement			67,830									67,830	67,830
EA05007	WISE (Web Information System for Executives)			39,025									39,025	39,025
EA06001	Upgrade Foxboro Software to Version 8.X				50,748								50,748	50,748
EB04003	RP2 - PLC Network to DCS		50,143										50,143	50,143
EB04007	RP2 Digester Building Leak Detectors (3)		15,068										15,068	15,068

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	RC Regional Capital (cont'd)													
EC03010	Gas Powered Generator	2,800											0	2,800
EN02008	RP5: Maint & Oper Bldg Furn & Equip	708,000	728,000										728,000	729,250
IS02004	CCWRP: Allen Bradley Network	334											0	35,000
IS02006	RP1: Additional Workstation Processor	36											0	38,862
OA03003	RP1 -Purchase/Install a Sludge Grinder	44,258											0	44,258
OA03005	RP1- Standby Gravity Thickener Pump	14,513											0	14,513
OA03006	RP1 - DAFT Flow Meter	9,408											0	9,408
OA03007	Plant Electric Vehicle	8,620											0	8,620
PA03005	Data Logger & Process Calibration	10,775											0	10,775
PA03023	RP4 - Purchase Two Laptop Computers	14,423											0	14,423
PA04002	Automated Plant Chemical Reordering Sys.			62,545									62,545	62,545
PA04013	RP1/RP2 - Portable Gas Monitor		2,455										2,455	2,455
PA04014	RP1/RP2 - Purchase of Borescope		22,321										22,321	22,321
PA06005	Advanced Plant Automation				117,183								117,183	107,546
PB03003	RP2 Cutter Type Belt Press Feed	12,000											0	12,000
PB04007	RP2/CCWRF- Purchase of Tig Welding Machine		6,983										6,983	6,983
PL03004	RP1 Odor Management Program	300,000	211,600	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000		611,600	750,000
	Total Equipment	*1,498,337*	*1,067,751*	*726,354*	*217,931*	*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*50,000*		*2,312,036*	*3,005,878*
1861	**Equipment, Tertiary**													
CP04009	TP1 Automated Irrigation System		14,334										14,334	14,334
EA04001	TP1: ABS Pump Station Power Feed		16,075										16,075	16,075
PA03024	TP1 - Chemical Mixer	55,200											0	55,200
	Total Equipment, Tertiary		*30,409*										*30,409*	*85,609*
1870	**Construction**													
AA070	CCWRP Primary Clarifier Division Structure Coating						313,950						313,950	313,950
AA125	RP1 Coating Maintenance, Phase II						36,250	36,250	36,250	40,300			149,050	149,050
AA127	RP2 Coating Maintenance, Phase II						18,750	18,750	18,750	24,550			80,800	80,800
AA129	CCWRP Coating Maintenance, Phase II						11,500	11,500	11,500	15,850			50,350	50,350
AA131	RP4 Coating Maintenance, Phase II						11,500	11,500	11,500	15,850			50,350	50,350
AA132	RP5 Coating Maintenance, Phase I				23,750	23,750	23,750	28,980					100,230	100,230
AA133	RP5 Coating Maintenance, Phase II								23,750	23,750	23,750	28,980	100,230	100,230
AA141	RP1 Primary to Sec. Equalization/Nitrogen Reductn								500,000	552,000	9,212,500	17,064,500	27,329,000	27,329,000
AA143	RP1 Odor Control -Prim Clarifier Phase II							600,000	600,000				1,200,000	1,200,000
AA148	RP4 Odor Control Facilities			1,287,450	329,550								1,617,000	1,617,000
EN01003	RP4: Energy Load Reduction Facilities	799,960	7,707,890	800,750									8,508,640	10,073,710
EN01012	RP4: Standby Climber Screen & Press	25,000											0	496,200
EN01015	RP1: Entry Road Improv./Landscaping	20,000	429,000										429,000	592,000
EN01022	RP1: Solids Reduction Facility	214,600	200,000										200,000	245,300
EN01029	RP2: Solids Handling Improv (3 Phase Dig.)	1,478,830	1,296,976										1,296,976	1,688,208
EN01032	RP1: RAS & IPS Motor and Drive Upgrades	45,000											0	358,000
EN01033	RP4 & CCWR: 580kw Generators	90,000											0	1,117,231
EN01035	RP1 Disinfection System Upgrade	25,000											0	506,297
EN01036	RP1 Digestor Gas Storage	105,000											0	348,930
EN01038	RP2: Generator Sets	50,000											0	344,119
EN01039	RP1 Microturbines	5,000											0	604,520

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	RC Regional Capital (cont'd)													
EN01040	CCWRF: Generator	15,000											0	1,423,644
EN01043	RP2: Digester Gas Storage	18,070											0	118,070
EN02010	RP5: Operations & Maint. Multi Use Bldg.	706,120	731,090										731,090	731,120
EN02013	RP1: Waste Washwater Pump Well Access	159,500	109,280										109,280	189,500
EN02014	Prado Dechlor Seismic Retrofit	87,600	92,600										92,600	92,600
EN02015	CCWRP: Influent Structure Repair	40,000	107,590										107,590	122,850
EN02016	Manhole Sealing Project	27,450	12,259										12,259	37,450
EN02032	RP2: Landscaping	22,000	27,000										27,000	27,000
EN02036	RP1: Aeration Basin Drain Pumps	278,900	296,000										296,000	298,900
EN02037	CCWRF: Chlorination Facilities	1,000,000	1,392,000										1,392,000	1,526,700
EN02038	Chino Creek Park	4,871,000	1,100,000	1,726,390									2,826,390	3,100,000
EN03012	CCWRF-Blower Soft-Starts	75,000											0	75,000
EN03013	RP2 - Solids Loading Conveyer Relocation	183,000	181,600										181,600	183,000
EN03015	RP1- Warehouse	27,000	237,000										237,000	237,000
EN03020	Visitor Center at Ontario Soccer Complex	92,500	124,000										124,000	125,000
EN03021	RP1- Ramp Repair for Dewatering Bldg	73,000	6,800										6,800	79,800
EN03022	RP1 Gas Storage Tanks, Phase II	247,500	102,950										102,950	300,550
EN03023	San Bernardino Ave. Pump Station	193,000	157,720		110,000	1,193,000	2,780,000						4,240,720	4,276,000
EN03025	RP2: Engine Room Ventilation Sys.	40,000	60,000										60,000	72,000
EN03026	RP1: Digester Improv. Project	259,750	1,337,180										1,337,180	1,459,750
EN03027	RP2 Digester Wall Reinforcement & Cover	708,980	1,223,650										1,223,650	1,320,200
EN03029	RP5 Renewable Energy Generation Efficiency Project	3,910,000	8,790,000	2,986,000									11,776,000	11,946,000
EN04002	RP2: Landscaping & Paving		40,000	32,600									72,600	72,600
EN04003	RP2: City of Chino Potable Water Service Connect		226,700										226,700	226,700
EN04004	RP1: Maint Bldg/Whse Seismic Retrofit		62,100	100,000									162,100	162,100
EN04010	RP1- Maintenance Access Roads		179,000										179,000	179,000
EN04011	RP4- Liquids Expansion to 14 MGD			750,000	3,100,000	20,500,000	10,350,000						34,700,000	34,700,000
EN04014	CCWRP Soda Ash Structure Removal		71,400										71,400	71,400
EN04015	CCWRP Secondary Clarifier Equipment Coatings		130,000	339,200									469,200	469,200
EN04016	RP2 Sludge Hopper Modifications		153,850										153,850	153,850
EN04017	RP2 Landscape Modification w/irrigation Sys. Phs I		92,400										92,400	137,300
EN04018	RP1/RP2/RP4/RP5/CC Engineering As-Builting		102,000	102,000	56,400								260,400	260,400
EN04019	RP1 Digester Gas Storage, Phase III		322,300										322,300	322,300
EN04020	RP1 Belt Press Filtrate Treatment System		350,000	3,425,800									3,775,800	3,775,800
EN04021	RP1 Rag & Grit Loading Station Mod.		300,000										300,000	300,000
EN04022	RP1 Sludge Hopper Ports		254,100										254,100	254,100
EN04023	RP1 Solids Control Building Equipment		800,000	3,686,390									4,486,390	4,486,390
EN04024	RP1 Access Bridge		273,690	624,850									898,540	898,540
EN04025	RP1 Blower Upgrade		623,450	527,650									1,151,100	1,151,100
EN04026	RP1 Coating Maintenance, Phase I		36,250	36,250	36,250	40,300							149,050	149,050
EN04027	RP2 Coating Maintenance, Phase I		18,750	18,750	18,750	24,550							80,800	80,800
EN04028	CCWRP Coating Maintenance, Phase I		11,500	11,500	11,500	15,850							50,350	50,350
EN04029	RP4 Coating Maintenance, Phase I		11,500	11,500	11,500	15,850							50,350	50,350
EN04030	CCWRP Aeration System Modification		800,400	2,788,500									3,588,900	3,588,900
EN04032	RP1 Odor Control - Primary Clarifier areas		755,000	1,498,000	201,900								2,454,900	2,454,900
EN04033	RP5 Utility Water Pipeline/12kv Line Installation		731,330										731,330	731,330
EN04035	RP1 Gravity Thickener Piping Modifications		500,000										500,000	500,000
EN05009	RP1- Digester No.5,6 &7 Seismic Retrofits		421,000										421,000	421,000

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	RC Regional Capital (cont'd)													
EN06011	RP1- Aeration Basin Channel Agitation Mod.				40,000	365,000							405,000	405,000
EN06012	RP4 Trunk Sewer- Construction				1,000,000	5,500,000	2,500,000						9,000,000	9,000,000
EN07003	RP1: Gravity Thickener					110,000	882,000	109,780					1,101,780	1,101,780
EN09001	RP4 Solids Expansion to 14 MGD									500,000	1,900,000	2,700,000	5,100,000	29,400,000
EN09002	Two (1 MGD) Satellite Plants								400,000	3,000,000	8,000,000	13,100,000	24,500,000	24,500,000
EN11001	RP5 Solids									500,000	500,000	14,000,000	15,000,000	15,000,000
EN20011	RP4: Lagoon Modification	17,588											0	107,500
EN20012	RP1: Asphalt Additions and Repairs	309,200											0	314,200
EN20017	RP1: Aeration Basin Sprays	5,000											0	228,500
EN20025	RP4 Additional Driveways	5,000											0	91,600
EN20026	RP4 Additional Sidewalks	5,000											0	37,184
EN20029	RP4: Motor Operators for Two Gates	5,000											0	25,850
EN20033	Upland Interceptor Relief, Phase II	352,700	1,330,000										1,330,000	1,552,000
EN20036	RP1: Rectangular Prim. Clarifier Cover Mod	5,000											0	403,910
EN20041	RP4 Backwash & Scum Line to Etiwand Intcpt	5,000											0	231,527
EN20049	Cucamonga Interceptor Modifications	177,300											0	306,394
EN95028	RP5: Regional Plant 2 Replacements	11,449,000	9,737,917										9,737,917	81,735,349
EN96020	RP1: Digester 4 Modifications	33,950	800,000	173,250									973,250	2,774,300
EN97004	RP2: Kimball/Chino Interceptor Diversion	1,080,000											0	10,261,483
EN99003	RP1: Philadelphia Entry Widening	60,000	45,780										45,780	86,100
EN99005	RP3/RP4: Land Acquisition	3,251,000							3,431,000				3,431,000	3,451,000
EN99014	RP1: Sec. Eff. Bypass Automation	100,000											0	247,100
OB04003	CCWRF- Oper Bldg Landscape Modification		10,100										10,100	10,100
PB04008	RP2 - Construct Catwalk around Centrifuge		10,640										10,640	10,640
PL01001	Northern Service Area Master Plan/Facility Plan	567,000											0	1,495,500
PL01008	RP1: Dairy Manure Digestion Pilot Demonstration	90,000											0	1,002,152
PL02012	Kimball Interceptor Ext.(RP1/RP5 Sewer Ln Bypass)	1,460,100	7,470,000	4,800,000									12,270,000	12,335,100
PL03006	RP1 Phase I Odor Control	2,178,000	2,962,000										2,962,000	3,050,000
PL04001	San Bernardino Ave Pump Stn Land Acquisition		500,000										500,000	500,000
PL05001	RP1 Modernization	700,000	980,000						1,500,000	1,500,000			3,980,000	4,300,000
	Total Construction	*37,749,598*	*56,835,742*	*25,726,830*	*4,939,600*	*27,788,300*	*16,927,700*	*816,760*	*6,532,750*	*6,172,300*	*19,636,250*	*46,893,480*	*212,269,712*	*334,719,338*
1871	**Construction, Tertiary**													
EN01010	TP1: Chlorine Contact Basin Expansion	2,469,000	4,000,000										4,000,000	4,817,200
EN02006	TP1: pH Control System	240,700											0	245,700
EN02011	TP1: T-Filter Influent Gallery Access	51,930	100,000										100,000	207,700
EN04034	TP1 Chlorination Line Replacements		364,350										364,350	364,350
EN20015	TP1: Storm Water Pump Station	5,000											0	260,000
EN20046	TP1: Outfall Energy Recovery	59,000	64,000										64,000	64,000
	Total Construction, Tertiary	*2,825,630*	*4,528,350*										*4,528,350*	*5,958,950*
1880	**WIP - K Cost Reimb & C.I.A.**													
EN01042	RP2: Microturbine Installation - Reimbursable	18,500											0	118,500
	Total WIP - K Cost Reimb & C.I.A.	*18,500*											*0*	*118,500*
7997	**Reimbursable Cost**													
CW03300	Regional Con. & Reimb. Constr.	20,000												20,000

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	RC Regional Capital (cont'd)													
CW04300	Regional Con. & Reimb. Constr.		20,000										20,000	20,000
CW05300	Regional Con. & Reimb. Constr.			20,000									20,000	
CW06300	Regional Con. & Reimb. Constr.				20,000								20,000	
CW07300	Regional Contract/Cost Reimb Constr.					20,000							20,000	
CW08300	Regional Con. & Reimb. Constr.						20,000						20,000	20,000
EN01019	TP1: Outfall Ext Valve Replacement	55,000											0	116,500
EN03030	RP4 Outfall Valve Restraint	2,000	5,700										5,700	7,700
	Total Reimbursable Cost	*77,000*	*25,700*	*20,000*	*20,000*	*20,000*	*20,000*						*105,700*	*184,200*
7999	**Special Project**													
EN02001	R/W Document Organizer	30,000	50,000										50,000	60,000
EN02004	Reg. Interceptor Capacity Monitoring	20,600	10,000										10,000	30,600
EN03014	Engineering - Grants Administration Costs	100,000	64,000										64,000	100,000
EN03300	Regional System Special Projects	70,000	57,000										57,000	70,000
PB03002	Wireless LAN's/LAN Bridges Survey	6,351												6,351
PL02003	Ten Year Cap Improvement Module	11,395												11,395
PL02004	BAR Access Program	8,050	7,050										7,050	8,050
PL04002	RP2/RP5/Chino Creek Corridor Study		250,000										250,000	250,000
	Total Special Project	*246,396*	*438,050*										*438,050*	*536,396*
	Total RC	*44,390,415*	*64,780,761*	*27,181,152*	*5,855,734*	*28,743,918*	*17,243,080*	*1,006,090*	*6,713,050*	*6,302,830*	*19,726,250*	*46,933,480*	*224,486,345*	*351,313,645*

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	WC Recycled Water													
1850	**Replacement**													
EN03550	Recyc Water Emerg Pipeline Repairs	15,000											0	15,000
GM04004	CEO/GM Recyc Wtr Cap. Replc Contingency		20,000										20,000	20,000
GM05004	CEO/GM Recyc Wtr Cap. Replc Contingency			20,000									20,000	20,000
GM06004	CEO/GM Recyc Wtr Cap. Replc Contingency				20,000								20,000	20,000
GM07004	CEO/GM Recyc Wtr Cap. Replc Contingency					20,000							20,000	20,000
GM08004	CEO/GM Recyc Wtr Cap. Replc Contingency						20,000						20,000	20,000
GM09004	CEO/GM Recyc Watr Cap Replc Contingency							20,000					20,000	20,000
GM10004	CEO/GM Recyc Watr Cap Replc Contingency								20,000				20,000	20,000
GM11004	CEO/GM Recyc Watr Cap Replc Contingency									20,000			20,000	20,000
GM12004	CEO/GM Recyc Watr Cap Replc Contingency										20,000		20,000	20,000
GM13004	CEO/GM Recyc Watr Cap Replc Contingency											20,000	20,000	20,000
	Total Replacement	*15,000*	*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*200,000*	*215,000*
1860	**Equipment**													
PL04003	High Resolution Arial Imagery Program		35,000										35,000	35,000
	Total Equipment		*35,000*										35,000	*35,000*
1870	**Construction**													
AA050	Whittram Pipeline Extension to Race Track.						125,000	426,000					551,000	551,000
AA137	RP1 South Zone Recy Wtr Pump Stn/North Zone Exp			102,000	1,294,400	3,594,750							4,991,150	4,991,150
EN01007	Recycled Water System Hydrants & Meters	129,500	153,900										153,900	179,500
EN01018	RP3: Stormwater Percolation Facility	755,300											0	831,300
EN01020	Fourth Street Recycled Water Pipeline	824,000	8,572,110	1,100,000									9,672,110	9,849,000
EN01023	Wineville Ave. Regional Pipeline Phase I	2,000,000	1,975,420										1,975,420	2,307,200
EN01024	RP1/RP4: Recycled Wtr Pmp Stn Phase I	5,520,000	6,244,770										6,244,770	7,718,000
EN01025	Pine Avenue Recycled Water Line	866,000	544,400										544,400	1,066,000
EN01027	Etiwanda Power Recycled Water Sys.	905,580	591,290										591,290	1,115,476
EN03028	Philadelphia Street Recycled Water Pipeline	3,478,400	3,358,190										3,358,190	3,591,400
EN20019	RP1: Recycled Water Recharge Basin	15,000											0	173,830
WR02002	Etiwanda Ext. Reg. Recycled Water Pipeline	2,999,000	3,145,180										3,145,180	3,620,000
WR05001	North Etiwanda Reg. Recycled Water Pipeline			400,000	4,500,000	3,500,000							8,400,000	8,429,000
WR05002	West Edison Regional Pipeline Phase II		500,000	2,500,000	4,364,000								7,364,000	7,364,000
WR05003	South Etiwanda/Jurupa (III)							100,000	2,500,000	2,500,000	1,175,000		6,275,000	6,275,000
WR06001	4th Street Reservoir & Pump Station				100,000	1,730,000	1,370,000						3,200,000	3,199,600
WR06003	Edison/Merrill Reg. Recylced Water Pipeline										1,000,000	4,000,000	5,000,000	10,860,000
WR08001	Benson Avenue Reg Recycled Water Pipeline						300,000	4,000,000	700,000				5,000,000	5,000,000
WR08002	Etiwanda Ave. Reservoir & Pump Station						2,361,000	2,019,000					4,380,000	4,380,000
WR08003	Brooks Basin Recycled Water Pipeline(Ramona Feeder						450,000						450,000	450,000
WR09001	210 Regional Recycled Water Pipeline										511,000	11,500,000	12,011,000	12,011,000
WR09002	Walnut/Riverside Recycled Water Pipe IV										500,000	6,500,000	7,000,000	7,000,000
WR98001	Interim Groundwater Recharge	281,100											0	538,600
WR99003	RP4- Outfall Groundwater Recharge	49,500	48,790										48,790	316,800
	Total Construction	*17,823,380*	*25,134,050*	*4,102,000*	*10,258,400*	*8,824,750*	*4,606,000*	*6,545,000*	*3,200,000*	*2,500,000*	*3,186,000*	*22,000,000*	*90,356,200*	*101,817,856*
7997	**Reimbursable Cost**													
CW03500	Recycled Water Reimb. Cost Constr.	15,000											0	15,000

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	WC Recycled Water (cont'd)													
CW04500	Recycled Water Reimb. Cost Constr.		15,000										15,000	15,000
CW05500	Recycled Water Reimb. Cost Constr.			15,000									15,000	15,000
CW06500	Recycled Water Reimb. Cost Constr.				15,000								15,000	15,000
CW07500	Recycled Water Cost Reimb Constr.					15,000							15,000	15,000
CW08500	Recycled Water Reimb. Cost Constru.						15,000						15,000	15,000
	Total Reimbursable Cost	*15,000*	*15,000*	*15,000*	*15,000*	*15,000*	*15,000*						*75,000*	*90,000*
7999	**Special Project**													
EN01030	Water CEQA Consulting Services	16,600	50,000	50,000	50,000	50,000	50,000						250,000	396,600
EN03500	Recycled Water System Special Projects	25,000											0	25,000
WR02018	OBMP Implementation	150,000											0	200,000
WR03007	SAWPA Project Paticipation	19,904											0	19,904
WR03012	Recycled Water Prog-Admin, Plannning	125,000											0	125,000
WR03013	RW Prog. - Marketing & Technical Asst.	70,000											0	70,000
WR04007	SAWPA Project Participation		16,313										16,313	16,313
WR04012	Recycled Water Prog-Admin, Plannning		125,000										125,000	125,000
WR04013	RW Prog. - Marketing & Technical Asst.		250,000										250,000	250,000
WR05007	SAWPA Project Participation			41,500									41,500	41,500
WR05012	Recycled Water Prog-Admin, Plannning			125,000									125,000	125,000
WR05013	RW Prog. - Marketing & Technical Asst.			150,000									150,000	150,000
WR06007	SAWPA Project Participation				41,500								41,500	41,500
WR06012	Recycled Water Prog-Admin, Planning				125,000								125,000	125,000
WR06013	RW Prog. - Marketing & Technical Asst.				150,000								150,000	150,000
WR07007	SAWPA Project Participation					42,300							42,300	42,300
WR07012	Recycled Water Prog-Admin, Planning					125,000							125,000	125,000
WR07013	RW Prog. - Marketing & Technical Asst.					150,000							150,000	150,000
WR08012	Recycled Water Prog-Admin, Planning						125,000						125,000	125,000
WR08013	RW Prog. - Marketing & Technical Asst.						150,000						150,000	150,000
WR09012	Recycled Water Prog-Admin, Planning							125,000					125,000	125,000
WR09013	RW Prog. - Marketing & Technical Asst.							150,000					150,000	150,000
WR10012	Recycled Water Prog-Admin, Planning								125,000				125,000	125,000
WR10013	RW Prog. - Marketing & Technical Asst.								150,000				150,000	150,000
WR11012	Recycled Water Prog-Admin, Planning									125,000			125,000	125,000
WR11013	RW Prog. - Marketing & Technical Asst.									150,000			150,000	150,000
WR12012	Recycled Water Prog-Admin, Planning										125,000		125,000	125,000
WR12013	RW Prog. - Marketing & Technical Asst.										150,000		150,000	150,000
WR13012	Recycled Water Prog-Admin, Planning											125,000	125,000	125,000
WR13013	RW Prog. - Marketing & Technical Asst.											150,000	150,000	150,000
	Total Special Project	*406,504*	*441,313*	*366,500*	*366,500*	*367,300*	*325,000*	*275,000*	*275,000*	*275,000*	*275,000*	*275,000*	*3,241,613*	*3,828,117*
	Total WC	*18,259,884*	*25,645,363*	*4,503,500*	*10,659,900*	*9,227,050*	*4,966,000*	*6,840,000*	*3,495,000*	*2,795,000*	*3,481,000*	*22,295,000*	*93,907,813*	*105,985,973*

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	RW Recharge Water Program													
1880	**WIP - K Cost Reimb & C.I.A.**													
WR02016	Chino Basin Recharge Facilities Improvements	$6,243,500	$31,654,835										$31,654,835	$38,697,399
	Total WIP - K Cost Reimb & C.I.A.	*$6,243,500*	*$31,654,835*										*$31,654,835*	*$38,697,399*
	Total RW	*$6,243,500*	*$31,654,835*										*$31,654,835*	*$38,697,399*

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	NC Non-Reclaimable Wastewater													
1850	**Replacement**													
EC03009	CSDLAC Capital Rplcmnts Cost -4R-s	1,831,657											0	2,318,000
EC04009	CSDLAC Capital Rplcmnts Cost -4R-s		1,645,000										1,645,000	1,645,000
EC05009	CSDLAC Capital Rplcmnts Cost -4R-s			778,500									778,500	924,000
EC06009	CSDLAC Capital Rplcmnts Cost -4R-s				924,000								924,000	929,000
EC07009	CSDLAC Capital Replcmts- 4Rs					929,000							929,000	929,000
EC08009	CSDLAC Capital Replcmts- 4Rs						929,000						929,000	929,000
EC09009	CSDLAC Capital Replcmts- 4Rs							929,000					929,000	929,000
EC10009	CSDLAC Capital Replcmts- 4Rs								929,000				929,000	929,000
EC11009	CSDLAC Capital Replcmts- 4Rs									929,000			929,000	929,000
EC12009	CSDLAC Capital Replcmts- 4Rs										929,000		929,000	929,000
EC13009	CSDLAC Capital Replcmnts Costs-4Rs											929,000	929,000	929,000
EN03750	NRWS Emergecy Pipeline Repairs	20,000											0	20,000
EN05006	NRWS Manhole Repair Project				203,740	212,000	198,410						614,150	614,500
GM04003	CEO/GM NRWS Cap. Replcment Contingency		20,000										20,000	20,000
GM05003	CEO/GM NRWS Cap. Replcment Contingency			20,000									20,000	20,000
GM06003	CEO/GM NRWS Cap. Replcment Contingency				20,000								20,000	20,000
GM07003	CEO/GM NRWS Cap. Replcment Contingency					20,000							20,000	20,000
GM08003	CEO/GM NRWS Cap. Replcment Contingency						20,000						20,000	20,000
GM09003	CEO/GM NRWS Cap. Replacement Contingency							20,000					20,000	20,000
GM10003	CEO/GM NRWS Cap. Replacement Contingency								20,000				20,000	20,000
GM11003	CEO/GM NRWS Cap. Replacement Contingency									20,000			20,000	20,000
GM12003	CEO/GM NRWS Cap. Replacement Contingency										20,000		20,000	20,000
GM13003	CEO/GM NRWS Cap. Replacement Contingency											20,000	20,000	20,000
GS02011	Philadelphia Stn Landscape Improv.	4,030											0	5,500
PA02028	Philadelphia Stn: NRW Lift Stn Pump #3	17,210											0	29,533
	Total Replacement	*1,872,897*	*1,665,000*	*798,500*	*1,147,740*	*1,161,000*	*1,147,410*	*949,000*	*949,000*	*949,000*	*949,000*	*949,000*	*10,664,650*	*13,188,533*
1870	**Construction**													
EC03012	NRW Monitoring Manhole and Pipeline Reconstr	28,166											0	28,166
EN92007	Grove Avenue NRW Relocation	342,000	416,000										416,000	491,400
	Total Construction	*370,166*	*416,000*										*416,000*	*519,566*
7997	**Reimbursable Cost**													
CW03700	NRW Connections & Remib. Constr.	6,000											0	6,000
CW04700	NRW Connections & Remit. Constr.		6,000										6,000	6,000
CW05700	NRW Connections & Reimb. Constr.			6,000									6,000	6,000
CW06700	NRW Connections & Reimibursible Constr.				6,000								6,000	6,000
CW07700	NRWS Connections/Cost Reim Constr.					6,000							6,000	6,000
CW08700	NRW Connections & Remit. Constr.						6,000						6,000	6,000
	Total Reimbursable Cost		*6,000*	*6,000*	*6,000*	*6,000*	*6,000*						*30,000*	*36,000*
7999	**Special Project**													
EN03700	NRW System Special Projects	25,000											0	25,000
	Total Special Project	*25,000*											*0*	*25,000*
	Total NC	*2,274,063*	*2,087,000*	*804,500*	*1,153,740*	*1,167,000*	*1,153,410*	*949,000*	*949,000*	*949,000*	*949,000*	*949,000*	*11,110,650*	*13,769,099*

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	CC Co-Composting													
1870	**Construction**													
PL02016	RP1 Composting	7,350											0	430,000
PL03001	Co-Composting Phase Out/Pilot Projects	501,000	506,000	48,000	48,000	48,000							650,000	650,000
	Total Construction	*508,350*	*506,000*	*48,000*	*48,000*	*48,000*							*650,000*	*1,080,000*
7997	**Reimbursable Cost**													
PL04041	IEUA Admin. Costs Reimbursable from RCA		250,000	83,333									333,333	333,333
	Total Reimbursable Cost		*250,000*	*83,333*									*333,333*	*333,333*
7999	**Special Project**													
EN97027	Phase II -CoComp CUP Permit Rev	8,000											0	115,000
PL02001	Dairy Sewering Study	30,000	56,000										56,000	60,000
	Total Special Project	*38,000*	*56,000*										*56,000*	*175,000*
	Total CC	*546,350*	*812,000*	*131,333*	*48,000*	*48,000*							*1,039,333*	*1,588,333*

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	OC Organics Management													
1870	**Construction**													
PL02013	RP5 Renewable Energy Project (merged w/PL02014)	100,000	547,000										547,000	9,000,000
PL02015	On Dairy Lagoon Digester	8,550											0	200,000
PL03005	Complete Mix Digestion Technology		2,000,000	6,000,000									8,000,000	8,000,000
	Total Construction	*108,550*	*2,547,000*	*6,000,000*									*8,547,000*	*17,200,000*
7999	**Special Project**													
PL02022	Organics Mgmt Program Services	250,000	140,000										140,000	350,000
	Total Special Project	*250,000*	*140,000*										*140,000*	*350,000*
	Total OC	*358,550*	*2,687,000*	*6,000,000*									*8,687,000*	*17,550,000*