Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Regional Sewerage Program Technical Committee Meeting

AGENDA
Thursday, April 30, 2015
4:00 p.m.

Location
Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708

Thursday, April 30, 2015

Call to Order and Roll Call

1. **Approval of Minutes**
   A. Minutes of February 26, 2015 Meeting

2. **Action Items**
   A. Regional Wastewater and Recycled Water Programs Proposed Biennial Budget for Fiscal Years 2015/16 and 2016/17 and Proposed Rates/Fees for Fiscal Years 2015/16 – 2019/20 (Written/PowerPoint)

3. **Informational Items**
   A. Financial Update (Written/PowerPoint)
   B. Regional Drought Update (PowerPoint)

4. **Receive and File**
   A. Draft Minutes of the Pretreatment Committee
   B. Building Activity Report (YTD)
   C. Recycled Water Operations Summary
   D. IEUA Quarterly Water Newsletter
   E. Commercial, Industrial, Institutional (CII) Turf Rebate Update
   F. Water and Wastewater Connection Fee Study (Final)

5. **Other Business**
   A. IEUA General Manager's Update
   B. Committee Member Requested Agenda Items for Next Meeting
   C. Committee Member Comments
   D. Next Meeting –May 28, 2015

6. **Adjournment**

DECLARATION OF POSTING

I, Cheyanne Reseck-Francis, Administrative Assistant of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of this agenda has been posted by 5:30 p.m. in the foyer at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA on Monday, April 27, 2015.

#853

Cheyanne Reseck-Francis

APPROVAL OF MINUTES

1A

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Regional Sewerage Program
Technical Committee Meeting

MINUTES OF February 26, 2015 MEETING

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held on Thursday, February 26, 2015, at the Inland Empire Utilities Agency located at 6075 Kimball Avenue, Chino, California. Ryan Shaw, City of Ontario, called the meeting to order at 4:02 p.m.

ATTENDANCE

Committee Members:

Jesus Plasencia	City of Chino
Steve Nix	City of Chino Hills
Chuck Hays	City of Fontana
Mike Hudson	City of Montclair
Ryan Shaw	City of Ontario
Rosemary Hoerning	City of Upland
Braden Yu	Cucamonga Valley Water District
P. Joseph Grindstaff	Inland Empire Utilities Agency

Absent Committee Members:

None.

Others Present:

Nicole deMoet	City of Montclair
Majid Karim	Inland Empire Utilities Agency
Craig Proctor	Inland Empire Utilities Agency
Pietro Cambiaso	Inland Empire Utilities Agency
Paula Hooven	Inland Empire Utilities Agency
Sylvie Lee	Inland Empire Utilities Agency
Andy Campbell	Inland Empire Utilities Agency
Chris Berch	Inland Empire Utilities Agency
Ernest Yeboah	Inland Empire Utilities Agency
Connie Gibson	Inland Empire Utilities Agency
Christina Valencia	Inland Empire Utilities Agency
Cheyanne Reseck-Francis	Inland Empire Utilities Agency
Dan Chadwick	City of Fontana
Steve Nix	City of Chino Hills

1. **APPROVAL OF MINUTES**
   A. **Minutes of January 29, 2015 Meeting**

Motion: By Braden Yu/CVWD and seconded by Mike Hudson/City of Montclair to approve the minutes of the January 29, 2015 Technical Committee meeting.

Motion carried: Unanimously.

2. **ACTION ITEMS**
   A. **Proposed Multi-Year EDU Volumetric Rate Adoption for Fiscal Years 2015/16-2019/20**

Christina Valencia/IEUA gave a presentation on the water, recycled water, and monthly volumetric EDU rates. She stated that the City of Fontana is currently going through a Prop 218 process, as will other member agencies, and the EDU rates need to be adopted so they may continue with that process, clarifying that although it is being adopted now, the rates will not be implemented until October 1, 2015. She stated that there have been several cost of service workshops and there will be more scheduled in coming months, in coordination with Carollo's rate study currently underway for the EDU wastewater connection fee, water rates and recycled water rates. Ms. Valencia stated that there is a workshop scheduled for March 10, 2015, a special joint meeting of the IEUA Board and Policy Committee scheduled for April 1, 2015, a final workshop scheduled for April 14, 2015, and adoption is anticipated in May 2015. She mentioned that key rate objectives are legal compliance to ensure nexus between costs and fees, fiscal stability to provide a stable revenue stream to safeguard the Agency's fiscal health, equitable allocation of program costs between current and future ratepayers, and infrastructure and sustainability of regional infrastructure and reliable water supplies. Ms. Valencia stated that by adopting the multi-year rates as proposed, the Agency will achieve full recovery of the cost of service in FY 2018/19, which will reduce reliance on property tax subsidies and allow use of property taxes to support major capital costs in the future. She stated that this will allow future capital requirements, such as the relocation of solids handling at RP-2, decommissioning of RP-2, and rehabilitation of RP-1 to be covered by those property taxes.

Discussion followed regarding adopting a two-year rate increase as an alternative to approving the full five years of the multi-year EDU volumetric rate, as proposed.

Motion: By Chuck Hays/City of Fontana and seconded by Mike Hudson/City of Montclair to make recommendation to the IEUA Board of Directors and Policy Committee to approve the two-year Equivalent Dwelling Unit (EDU) Volumetric rate, as proposed, for Fiscal Year (FYs) 2015/16 to 2016/17 for the Agency's Regional Wastewater Operations and Maintenance (RO) fund.

Motion carried: Unanimously.

B. **Fiscal Year 2015/16 through 2024/25 Ten-Year Capital Improvement Plan (TYCIP)**
Sylvie Lee/IEUA gave a presentation highlighting the key drivers of the FY15/16 TYCIP, budget estimate by fund, funding sources, major projects, and the TYCIP schedule. She stated that the key drivers are member agency growth projections, Wastewater Facilities Master Plan updated flow factors and concentrations, Asset Management Plan, Draft Recycled Water Program Strategy Update, Draft Energy Management Plan, and Draft Integrated Resources Plan local reliability discussions. Ms. Lee reviewed the budget estimates by fund and funding sources, highlighting the total percentage from SRF loans, low-interest pay-as-you-go loans, grants, and outside contributions, totaling $908.1 million for the TYCIP.

Motion: By Chuck Hays/City of Fontana and seconded by Ryan Shaw/City of Ontario to make recommendation to the IEUA Board of Directors to approve the Fiscal Year (FY) 2015/16-2024/25 Ten-year Capital Improvement Plan (TYCIP).

Motion carried: Unanimously.

3. **INFORMATIONAL ITEMS**

A. **Recycled Water Semi-Annual Update**
Andy Campbell/IEUA gave a brief presentation highlighting the Regional Recycled Water System, recycled water capital projects current status, costs, and acre-foot per year (AFY) demands, and recycled water deliveries through December 2014 for each member agency, stating that deliveries are currently on track to matching last year's deliveries.

B. **Mid-Year Building Activity Update**
Pietro Cambiaso/IEUA gave a brief presentation on mid-year building activity to date, stating that the forecast provided by the member agencies was 5,106 EDUs, IEUA's budgeted forecast was 3,000 EDUs, and building activity is currently at 1,231 EDUs, which is 24% of member agencies' combined forecast and 41% of IEUA's forecast.

4. **RECEIVE AND FILE ITEMS**

A. **Draft Regional Policy Committee Agenda**
The Draft Regional Policy Committee Agenda was received and filed by the Committee.

B. **Building Activity Report (YTD)**
The Building Activity Report (YTD) was received and filed by the Committee.

C. **Recycled Water Operations Summary**
The Recycled Water Operations Summary was received and filed by the Committee.

5. **OTHER BUSINESS**

A. **IEUA General Manager's Update**
P. Joseph Grindstaff reported the following:

- The current state of the drought is such that that MWD will move forward with the allocation and action will be taken before July. Rationing is currently in effect. The

allocation started at 0%, is currently at 15%, and is anticipated to be 20%. He stated that anything under 40% means that MWD is taking water from storage.

- Total Dissolved Solids (TDS) or solid content has increased due to drought conditions. The allowance maximum is 550 parts per million, and the current running average is 525 parts per million. Another push needs to be made to decrease the number of water softeners on the system, as this is another contributing factor to higher TDS numbers.

B. Committee Member Requested Agenda Items for Next Meeting
None.

C. Committee Member Comments
None.

D. Next Meeting – March 26, 2015

6. **ADJOURNMENT** - Meeting was adjourned at 5:08 p.m.

Transcribed by:

Cheyanne Reseck-Francis
Acting Executive Assistant, IEUA

ACTION ITEM

2A

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

REVISED 4/28/15

Date: April 30/May 14, 2015

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Regional Wastewater and Recycled Water Programs Proposed Biennial Budget for Fiscal Years 2015/16 and 2016/17 and Proposed Rates/Fees for Fiscal Years 2015/16 – 2019/20

RECOMMENDATION

It is recommended that the Regional Technical and Policy Committees (Regional Committees) review and make a recommendation to the IEUA Board of Directors (Board) to approve the proposed;

1. Fees and Rates for FYs 2015/16 – 2019/20 for the Agency's Regional Wastewater Capital Improvement (RC) fund and Recycled Water (WC) fund, and

2. Biennial budget for Fiscal Years (FYs) 2015/16 and 2016/17 for the Agency's Regional Wastewater Operations and Maintenance (RO) fund, Regional Wastewater Capital Improvement (RC) fund, and Recycled Water (WC) fund.

The new water connection fee is presented as an informational item only, as the Agency plans to levy and collect the fee directly. The Recharge Water (RW) fund budget is also presented as on information item only. Therefore, no recommendation from the Regional Committees is necessary.

BACKGROUND

Since November 2014, the Agency has facilitated numerous workshops with member agencies and stakeholders, including two special joint meetings with the IEUA Board and Regional Policy Committee to review the proposed rates and fees for the Agency's Regional Wastewater and Recycled Water programs. The focus of the review included the Regional Wastewater connection fee and equivalent dwelling unit (EDU) volumetric rate, the Recycled Water rates for both direct and groundwater recharge deliveries and the establishment of a new water connection fee to support development of regional water supplies.

Per the discussion at the February 4, 2015, special joint meeting of the IEUA Board and the Regional Policy Committee, the Regional Wastewater EDU volumetric rate was adopted by the IEUA Board on March 18, 2015, for FYs 2015/16 - 2019/20. Early adoption was requested by the City of Fontana to meet San Bernardino Tax Assessor timeline to add their rates to the property tax roll. The adopted wastewater volumetric rates are summarized on Table 7.

Also included in the review were the potable water rates recorded in the Agency's Water Resources (WW) fund. Per the request of the member agencies, the proposed restructuring of the potable water rates has been deferred to allow for further evaluation and analysis. No changes to the current rates comprised of the AF surcharge and meter charge are proposed for FY 2015/16, as reported on Table A5 in the Appendix. Discussions on the proposed rate restructuring will continue in July with the plan for the IEUA Board to adopt the new rates in October 2015 for FY 2016/17.

Key Objectives

Consistent with the IEUA Business Goals and the IEUA Strategic Plan, some of the key objectives of the proposed rates and fees include:

- ***Fully recover costs*** - adoption of multi-year rates that achieve full cost of service;
- ***Be equitable*** – ensure rates and fees maintain a clear nexus between what a customer pays and the benefit received;
- ***Ensure regional water reliability and sustainability*** - continue development of regional water supplies;
- ***Make "growth pay for growth"*** - increase the regional wastewater connection fee and establish a new water connection fee to support future expansion and improvement of the regional wastewater and water systems;
- ***Eliminate property tax subsidies for operations and maintenance*** – use of property tax receipts to support regional capital investments in water reliability and sustainability;
- ***Provide fiscal stability***- maintain rates and fees that ensure uninterruptible service during times of revenue uncertainty;
- ***Be legally compliant*** – ensure rates and fees are reasonable as mandated by Proposition 26.

Wastewater Connection Fees

The wastewater connection fee supports the acquisition, construction, improvement, and expansion of the Agency's regional wastewater system. The Agency's updated Facilities Master Plan, Asset Management Plan, and Capital Improvement Plans (CIPs) identified capital projects over the next 20 years (through 2035) needed to meet anticipated growth and increased service demand in the region. In order to secure the financial resources needed for the timely execution the major wastewater projects needed to support future growth, Carollo Engineers, Inc. (Carollo) was commissioned to conduct a rate analysis of IEUA's regional wastewater connection fee.

The rate study determined an increase to the existing connection fee from $5,107 to $6,289 was needed to adequately support future expansion and improvement of the Agency's regional wastewater system. The 2015 Wastewater Connection Fee Report (April 10, 2015) by Carollo explains the methodology and assumptions applied in the calculation of the wastewater connection fee, and provides a detail account of the capital projects included in the calculation.

To lessen the impact to the development community of the $1,182 increase to the wastewater connection and the new water connection fee of $1,385, a combined amount of $2,567, the

Board agreed to defer the effective date for the FY 2015/16 fee until January 1, 2016; maintaining the current wastewater connection fee unchanged through December 31, 2015. Additionally, the increase to the wastewater connection will be phased through FY 2019/20 as reported on Table 1.

Table 1: Proposed Wastewater Connection Fees

Fiscal Year	Effective date	Fee/EDU	Key Assumptions
FY 2015/16	7/01/2015	$5,107	No change in the existing fee.
	1/01/2016	$5,415	Phased implementation of the proposed increase from $5,107 to $6,289 per EDU; $308 1/1/16 and $308 1/1/17 plus 5% per annum.
FY 2016/17	07/01/2016	$5,415	No change in the existing fee.
	01/01/2017	$6,009	Phased implementation of $308 per EDU + 5%.
FY 2017/18	7/01/2017	$6,309	Assumes a 5% increase each fiscal year.
FY 2018/19	7/01/2018	$6,624	
FY 2019/20	7/01/2019	$6,955	

Based on current assumptions and the pace of the projected number of new EDU connections over the next five fiscal years (19,250 units), the phased implementation is estimated to result in reduced fees of $8.9 million. Staff will diligently pursue grant funding opportunities to replace the estimated reduction in fees. The Agency has committed to review both connection fees (regional wastewater and regional water) periodically (at a minimum of every five years) and adjust the fees as needed to align with actual and updated growth projections and for inflation per the Engineering News Record Construction Cost Index (ENR-CCI). This periodic review and adjustment will ensure that connection fees are set to adequately fund future expansion of the regional wastewater and regional water systems in a timely and cost effective manner to meet future growth.

As a key stakeholder, the Building Industry Association (BIA) Baldy View Chapter was invited to participate in the review and discussion of both the wastewater and water connection fees. Additionally, BIA contracted with David Taussig & Associates (DTA) to conduct a peer review of both connection fees. Copies of the BIA inquiries and Agency responses were shared with member agencies and key stakeholders, including members of the Regional Committees.

A concern raised by DTA was the inclusion of fund reserves in the calculation of the connection fees. The Agency considers connection fees to be tied to the benefit conferred on the property assessed, and represent fees for integration in the sewer and water systems, rather that fees paid in exchange of capacity. The Agency's legal counsel determined that authority is afforded by California *Water Code* Section 71616, and other similar statutes authorizing the establishment of reasonable reserves by municipal water districts. There are ample rate study analysis of other

public agencies who utilize connection fees to help fund reasonable reserves, including the City of San Diego, City of Chula Vista, City of San Francisco, Contra Costa Water District, San Diego County Water Authority, City of Beverly Hills, City of Healdsburg, Avila Beach Community Service District, and Western Municipal Water District.

Attached is a copy of BIAs final letter dated 4/27/15 completed their peer review and support for the Agency's phased implementation of the connection fees.

Water Connection Fee

Premised on the principle that "growth pays for growth", the new water connection fee will support future capital investment and expansion of the Agency's regional water system which is comprised of potable water, recycled water, and groundwater recharge facilities. The Governor's Executive Order issued on April 1, 2015, mandating statewide cutback in urban water use of 25 percent through February 2016 as compared to 2013 and the limited imported water supplies from the State Water Project make it essential for the region to secure and develop more reliable and resilient local water supplies. Future economic development is dependent on having a reliable and sustainable water supply that can meet the needs of existing and future residents throughout the region. Included in IEUA's long term planning documents is the expansion of the Agency's regional recycled water distribution system and groundwater recharge facilities, as well as continual development of local water supplies.

These capital investment projects in the Recycled Water (WC), Recharge Water (RW), and Water Resources (WW) programs will be supported by the new water connection fee. Based on the adopted FYs 2016-2025 TYCIP, approximately 94 percent of the new water connection fee is designated for capital projects needed to enhance and expand the Agency's regional recycled water distribution system and groundwater recharge facilities. The remaining six percent is allocated to support investment in water resource capital, such as the development of regional water supplies and water resources capital projects, including a small portion of the Agency's committed contribution to support regional resiliency projects submitted by member agencies.

Based on the 2015 Water Connection Fee Update Final Report (April 16, 2015), the new water connection fee will be initially set at $693 per meter equivalent units (MEU) for a residential unit (5/8" and ¾" meter sizes) with an effective date of January 1, 2016, as reported on Table 2. This represents 50 percent of the proposed rate in final report. Additionally, to lessen the impact on new development, the implementation of the proposed fees is phased in over a period of 18 months with annual adjustment of 5 percent beginning January 1, 2017.

Table 2: Proposed Water Connection Fee

	FY 2015/16	FY 2016/17		FY 2017/18	FY 2018/19	FY 2019/20
Effective Date	*1/01/16*	*7/01/16*	*01/01/17*	*7/01/17*	*7/01/18*	*7/01/19*
Water Connection Fee /MEU	$693	$693	$1,455	$1,527	$1,604	$1,684

The complete fee schedule per meter size is included in Table A1 in the Appendix.

Recycled Water Program Rates

The recycled water volumetric rates support the costs associated with the operations and maintenance of the Agency's water recycling facilities, operating costs for the groundwater recharge basins not reimbursed by Chino Basin Watermaster (CBWM), including the Agency's pro-rata share for basins recharged with recycled water, and debt service costs related to the financing of existing facilities and infrastructure (including the Southern Area and Wineville Area projects).

The proposed recycled water rates for FYs 2015/16 through 2019/20, shown on Table 3 are based on the current volumetric rate structure. As recommended by the Board, the proposed rates achieve cost of service over three years, and comply with the threshold of up to 70 percent of the projected MWD Untreated Tier 1 rate. The "70 percent" threshold established by the Board ensures that rates are maintained at an affordable level so recycled water continues to be a good value for the region.

Table 3: Recycled Water Program Proposed Multi-Year Rates

	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
Effective Date	*10/01/15*	*7/01/16*	*7/01/17*	*7/01/18*	*7/01/19*
Direct Delivery/AF	$350	$410	$470	$480	$490
Groundwater Recharge/AF	$410	$470	$530	$540	$550

FYs 2015/16 and 2016/17 Key Budget Assumptions

The proposed budget is a five-year business plan, consisting of biennial budget for FYs 2015/16 and 2016/17 and a forecast for the three ensuing fiscal years. The key assumptions for the proposed biennial budget are summarized on Table A3 in the Appendix.

Employment Costs

The biennial budget includes a reduction of the Agency's vacancy factor from 8 percent (actual average over the last three fiscal years) to 4 percent in FY 2015/16 and 3 percent in FY 2016/17 to support succession planning. Thereafter, the vacancy factor is maintained at 3 percent. There is no increase in the number of authorized full time equivalent (FTE) positions which is maintained at 290 through FY 2019/20. A summary of total employment costs is provided in Table A2 in the Appendix.

Debt service

Additionally, included in the five year business plan is the early repayment of the 2008A Revenue Bonds (2008A Bonds) with an outstanding principal balance of $125 million and annual interest rate of 5%. The proposed repayment is planned over a five year period beginning in FY 2017/18 when the bonds are eligible for refunding. At an interest rate of 5% and scheduled maturity of 2038, total interest savings are estimated at $80 million with present value savings of over $50 million.

Regional Wastewater Capital Improvement (RC) Fund

A major revenue source for the RC fund is the fees levied for new connections to its regional wastewater system, referred to as new wastewater connections fees. Pursuant to the Regional Sewage Service Contract (Regional Contract), member agencies collect and hold these funds in a trust account (Capital Construction Reimbursement Accounts) until they are "called" or requested by the Agency to support planned capital expenditures for the regional wastewater system.

Property tax receipts are another major funding source for the RC fund. In accordance with the Regional Contract, property tax receipts collected from Improvement District "C" (IDC) are fully allocated to the RC fund. IDC tax receipts represent 65 percent, or approximately $26.8 million of total property tax receipts in FY 2015/16.

Based on the San Bernardino County Tax Assessor estimate, a 5 percent increase in total property tax receipts is assumed for FY 2015/16 and a 4 percent increase in FY 2016/17. Property tax receipts budgeted in the RC fund are first allocated to support debt service costs of $13.5 million in FY 2015/16 and $13.7 million in FY 2016/17, with the remaining balance designated to support the Regional wastewater capital improvement plan (CIP).

Table 4: RC Fund Major Revenues and Other Funding Sources

$Millions	Major Funding Sources	FY 2015/16	FY 2016/17	Key Assumptions
Regional Wastewater Capital (RC)	Wastewater Connections Fees	$22.4	$26.2	4,330 and 4,580 new wastewater connections. Fee increases to $5,415, effective 1/1/16 and $6,009 effective 1/1/17.
	Property Tax Receipts	26.7	27.5	No change in the 65% allocation pursuant to the Regional Contract. Assumes a 5% increase in FY 2015/16 and 4% increase in FY 2016/17.
	Inter-Fund Transfers	0.0	2.0	Transfer from the RO fund for its share of RP-2 Relocation/ RP-5 Solids Treatment Facility project.
	Total	**$49.1**	**$55.7**	

Table 5: RC Fund Major Expenses & Other Uses of Funds

$Millions	Major Uses of Funds	FY 2015/16	FY 2016/17	Key Assumptions
Regional Wastewater Capital (RC)	Operating Expenses	$5.9	$6.5	Administrative costs for support of the Regional capital improvement plan (CIP).
	Debt Service Costs	13.5	13.6	Includes principal & interest for the 2008A, 2008B and 2010A bonds, SRF loan for RP-1 Dewatering Expansion Facility.
	Capital Improvement Plan (CIP)	17.9	13.8	Includes capital investment in the IERCA. See Table 6 for summary of major capital projects.
	Inter-Fund Transfers	9.8	11.9	Capital and debt service to other funds.
	Total	**$47.1**	**$45.8**	

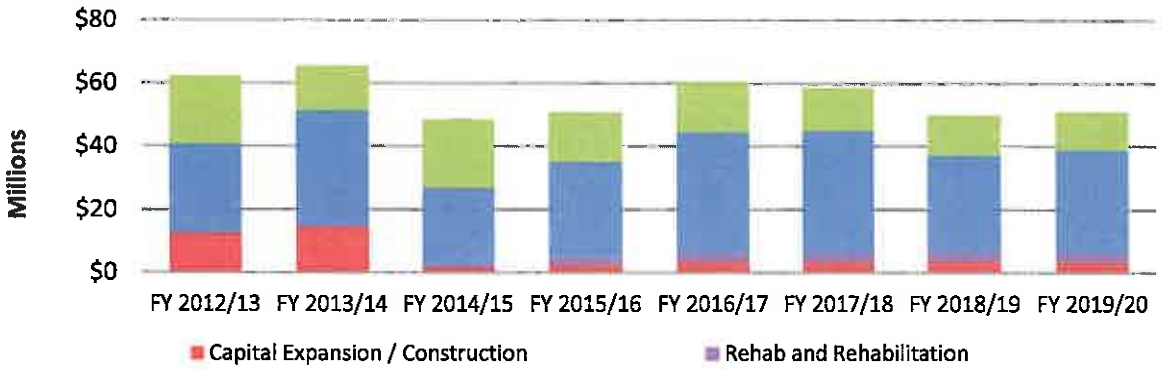
Inter-fund transfers from the RC fund support debt service and capital expenditures. One example is an $81 thousand inter-fund transfer to the RO fund for the RC share of the New Water Quality Laboratory project in FY 2016/17. In FY 2016/17 the RC fund will receive an inter-fund transfer from the RO fund for its share of the RP-2 Relocation/RP-5 Solids Expansion project, as noted in Table 4 above.

In addition to debt service costs, the other major expenditure in the RC fund is capital expenditures. A total of $17.9 million in capital project costs is budgeted in FY 2015/16 and $13.3 million in FY 2016/17. Some of the major projects for FYs 2015/16 and 2016/17 are listed below in Table 6.

Table 6: RC Fund Major Capital Projects

$Millions	Project	FY 2015/16	FY 2016/17
RC Fund	RP-2 Relocation/RP-5 Solids Treatment Facility	$0.0	$4.0
	RP-1 Mixed Liquor Return Pump	1.0	3.0
	RP-1 and RP-5 Expansion PDR	2.0	2.0
	RP-4 Chlorination Facility Retrofit	0.5	1.5
	Chino Basin Groundwater Supply Wells	6.0	-
	All Other Regional Capital Projects	8.4	3.3
	Major Capital Projects	**$17.9**	**$13.8**

Figure 1
RC Fund Reserve Balance by Type



The RC fund total estimated ending fund balance in FY 2015/16 is projected to be $50.7 million and $61.2 million in FY 2016/17. The estimated increase in the second year is primarily due to a higher projection of new wastewater connections (4,580 compared to the 4,330 units projected for FY 2015/16). The gradual drop in total fund balance over the ensuing three fiscal years is due to a smoothing of connection fee revenue (number of new connections drop to an average of 3,450 per year), higher capital expenditures on major plant expansions, and the early retirement of the 2008A bonds starting in FY 2017/18.

Regional Wastewater Operations and Maintenance (RO) Fund

The key revenue and funding sources for the RO fund include: EDU volumetric charges, property taxes, and reimbursement from the Inland Empire Regional Composting Authority (IERCA) for labor and operating costs. Major expenses include operating costs for the collection, treatment, and disposal of wastewater, maintenance and capital replacement and rehabilitation (R&R) costs of regional facilities and infrastructure, organic management activities, including the Agency's 50 percent share of the IERCA composter, and debt service costs.

Pursuant to the Agency's commitment to have rates that fully recover the cost of service, incremental increases to the monthly EDU volumetric rate were proposed over the next five fiscal years. Upon the Regional Committees review in February and March, a multi-year EDU volumetric rate (FYs 2015/16 to 2019/20) was adopted by the IEUA Board March 18, 2015, as reported in Table 7. Based on current assumptions, full cost of service, or recovery of O&M, R&R, and debt service costs, is projected to be reached in FY 2018/19.

Table 7: Adopted EDU Volumetric Rates FYs 2015/16 – 2019/20

Rate Description	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
EDU Volumetric Rate	$14.39	$15.89	$17.14	$18.39	$19.59	$20.00
Rate Increase		$1.50	$1.25	$1.25	$1.20	$0.41
Effective Date		10/01/15	07/01/16	07/01/17	07/01/18	07/01/19

Recycled Water (WC) Fund

A key initiative for the Agency is to optimize the beneficial reuse of recycled water and provide a cost effective and reliable alternative to imported water for the region. Included in IEUA's long term planning documents is the expansion of the regional recycled water distribution system and groundwater recharge facilities, as well as continual development of local water supplies.

Total regional recycled water acre feet (AF) deliveries in FY 2015/16 are projected to be 35,150 with related revenues of $11.9 million. Total revenues also include a Local Projects Program (LPP) rebate of $2.1 million from the Metropolitan Water District of Southern California (MWD). In FY 2016/17 deliveries are projected to be 37,100 AF with operating revenues at $15.7 million and the MWD rebate of $2.1 million which is set to expire on 6/30/17.

SRF loans, grants, and the water connection fees are the primary funding sources for the Recycled Water capital program (Table 9). State Revolving Fund (SRF) loan proceeds and grant receipts are estimated at $15.2 million in FY 2015/16 and $18.6 million in FY 2016/17 as summarized on Table 8.

Table 8: WC Fund Major Revenue & Other Funding Sources

$Millions	Major Funding Sources	FY 2015/16	FY 2016/17	Key Assumptions
Recycled Water (WC)	Direct Sales	$7.4	$9.7	23,700 AF in FY 2015/16 24,200 AF in FY 2016/17.
	Recharge Sales	4.5	6.0	11,450 AF in FY 2015/16 12,900 AF in FY 2016/17.
	MWD LPP Rebate	2.1	2.1	$134/AF rebate for recycled water sales up to 13,500 AF per FY. Rebate expires in June 2017.
	Connection Fee	0.7	4.4	985 MEUs in FY 2015/16 4,167 MEUs in FY 2016/17.
	Property Tax Receipts	2.1	2.1	The 5% allocation of property tax receipts to support debt service costs.
	Loan and Grant Proceeds	15.2	18.6	Continue to leverage SRF loans and grants to support Recycled Water capital projects

$Millions	Major Funding Sources	FY 2015/16	FY 2016/17	Key Assumptions
	Other	3.1	2.5	Interest and other reimbursements
	Total	**$35.1**	**$45.4**	

Major expenses for the WC fund are primarily capital, debt service and operating costs. Capital expenditures in FY 2015/16 and FY 2016/17 are projected to be $16.2 and $18.7 million respectively. Operating costs include labor, pumping costs, O&M projects and a portion of the ground water recharge operating costs not reimbursed by CBWM. Biennial projected major expense and other uses of funds are summarized in Table 9:

Table 9: WC Fund Major Expenses & Other Uses of Funds

$Millions	Major Uses of Funds	FY 2015/16	FY 2016/17	Key Assumptions
Recycled Water (WC)	Utilities	$2.9	$3.0	Higher pumping costs are driving an increase of nearly $0.4M compared to projected actuals. $0.12 kWh electricity rate for direct access, renewal energy rates based Purchase Power Agreements (PPAs) melded rate.
	Operating Expense	8.5	9.1	Includes labor, professional fees and services, materials and supplies, and a portion of the groundwater recharge operations expense and inter-fund transfers to support operating and capital costs.
	Debt Service Costs	6.2	8.2	Includes principal and interest costs for outstanding debt. For FY 2016/17 debt service includes inter-fund loan repayment of $2.0 million to the NC fund.
	Capital Improvement Plan (CIP)	16.2	18.7	See Table 10 for summary of major capital projects.
	Water Connection Fee Transfers	0.1	0.5	Connection fee support to GG ($.03 and $.01), RW ($.06 and $.10) and WW ($.04 and $.36) funds
	Total	**$33.9**	**$39.5**	

Annual debt service costs are estimated to increase to $6.2 million in FY 2015/16 and $8.2 million in FY 2016/17. The first debt service repayment for the Southern Area Recycled Water project slated for completion in FY 2014/15 is scheduled in FY 2015/16. Repayment of the

$28.5 million outstanding inter-fund loans ($13.5 million due to RC fund and $15 million due to the NC fund) are scheduled to begin in FY 2016/17, with full repayment projected by FY 2024/25. A summary of inter-fund loans is provided in Appendix A6.

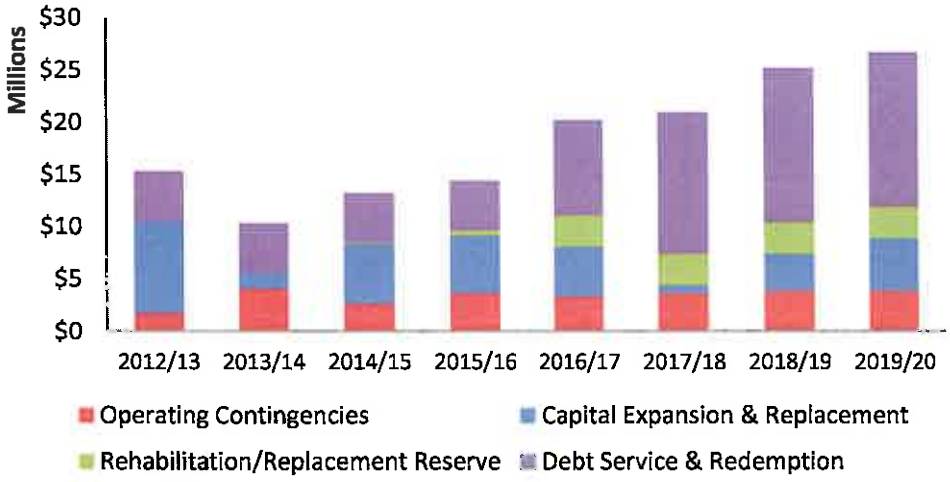
In FY 2015/16 capital project costs are budgeted at $16.2 million and $18.7 million in FY 2016/17. A summary of the major capital projects is provided in Table 10:

Table 10: WC Fund Major Capital Projects

$Millions	Project	FY 2015/16	FY 2016/17
WC Fund	Recycled Water Connections Pomona/Jurupa	$5.0	$10.0
	San Sevaine Improvements	3.5	3.0
	Napa Lateral/SB Speedway	0.2	1.0
	RP-1 Parallel Outfall Pipeline	0.0	1.0
	Central/Wineville Area Projects	4.2	0.1
	All Other Capital Projects	3.3	3.6
	Major Capital Projects	**$16.2**	**$18.7**

Fund reserves remain relatively unchanged in FYs 2014/15 and 2015/16 then are projected to increase in FY 2016/17 and thereafter. The increase is mainly due to the receipt of water connection fees, and higher revenues from recycled water sales. SRF loans and grants have been the primary funding source for construction of the Agency's regional recycled water distribution system. The new water connection fees will support capital expansion and improvement of the Agency's regional water system and lessen the amount of future borrowings.

Figure 2: WC Fund Reserve Balance by Type



Recharge Water (RW) Fund

The Recharge Water (RW) fund accounts for the revenues and expenses associated with groundwater (GWR) recharge operations and maintenance through joint efforts with the Chino Basin Watermaster (CBWM), Chino Basin Water Conservation District, and the San Bernardino

County Flood Control District. Operating expenses include general basin maintenance and/or restoration, groundwater administration (e.g. labor, tools, and supplies), contracted services (e.g. weeding and vector control), compliance reporting, and environmental documentation for permit compliance.

Total budgeted revenues, other funding sources and inter fund contributions/support for FY 2015/16 and FY 2016/17 are $3.6 million and $7.4 million, respectively. The budget is comprised of reimbursements from CBWM for groundwater recharge facilities' operations and maintenance (O&M), capital/special project support, and debt service costs. The remaining balance will be contributed by IEUA for its portion of capital (50/50 shared with CBWM), debt service, and pro-rata of O&M cost (Table 11).

Table 11: RW Fund Revenue and Other Funding Sources

$Millions	Major Funding Sources	FY 2015/16	FY 2016/17	Description
Recharge Water (RW) Fund	CBWM GWR O&M	$0.8	$0.8	CBWM reimbursement of groundwater recharge operations & maintenance (GWR O&M) and facilities
	CBWM Debt Service	0.3	0.5	CBWM reimbursement for its share of the debt service costs, interest rate estimated at 1%
	CBWM Capital and O&M Projects	1.2	4.2	Capital project cost shared with CBWM
	IEUA Operations Support	1.3	1.9	Operating support for the Agency's pro-rate share for groundwater basin maintenance, capital projects, and non-reimbursable labor cost and water fee share from Recycled Water Fund. In addition to debt service share from the Regional Wastewater Capital Improvement (RC) Fund
	Total	**$3.6**	**$7.4**	

Total Recharge Water Program expenses for FY 2015/16 and FY 2016/17 are $3.9 million and $7.3 million, respectively. The increase in FY 2016/17 is mainly due to capital expenditures. The expenses include debt service costs for the Chino Basin Facilities Improvement Project (CBFIP); groundwater operations and maintenance cost, and capital projects.

The FY 2015/16 and FY 2016/17 groundwater O&M Expense Budget includes utilities and general groundwater basin maintenance costs for infiltration restoration and slope repairs on three groundwater basins, namely Brooks, RP-3 and Victoria Basins (Table 12). The Agency's FY 2015/16 and FY 2016/17 pro-rata share is estimated to $466,000 and $791,000, respectively.

Table 12: RW Major Expenses & Other Uses of Funds

$Millions	Major Uses of Funds	FY 2015/16	FY 2016/17	Description
Recharge Water (RW) Fund	Debt Service	$0.9	$1.0	Bond principal, interest, and financial expenses.
	Groundwater O&M	1.6	1.6	GWR maintenance and administration costs, utilities, specialty O&M, CBWM, SBCFCD costs, and IEUA pro-rata share.
	CBWM Capital Improvement Plan	1.4	4.7	Capital project cost
	Total Expenses	**$3.9**	**$7.3**	

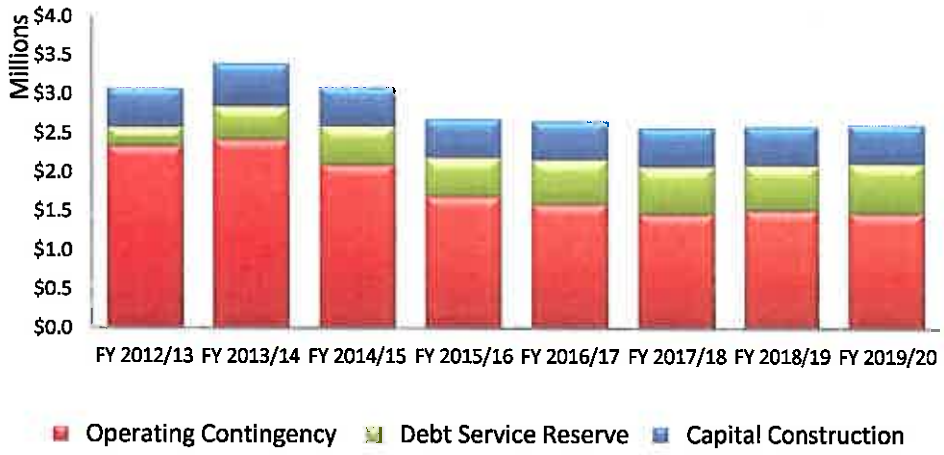
The FY 2015/16 and FY 2016/17 capital project costs for the Recharge Capital Program mainly involves modifications, improvements and refurbishment at selected basins for $1.4 million and $4.7 million, respectively (Table 13). CBWM has updated the Recharge Master Plan, and Agency staff is working closely with CBWM staff to ensure that planning efforts are coordinated and appropriate for the Agency's service area.

Table 13: Recharge Program Capital Projects

$Millions	Capital Projects	FY 2015/16	FY 2016/17
Recharge Water (RW) Fund	RW15003 Recharge Master Plan Update	$0.82	$3.10
	RW15004 Lower Day RMPU	0.36	1.16
	EN16052 Ely Basin Turnout Remote Control Upgrade	0.20	0.40
	RW15002 Upper Santa Ana River HCF	0.08	0.08
	Total Capital Projects	**$1.46**	**$4.74**

The ending fund balance for FY 2015/16 and FY 2016/17 is projected to be $2.7 million and $2.8 million, respectively (Figure 3). Throughout the subsequent years, ending fund balances are estimated to average $2.8 million, as the majority of operating expenditures are fully reimbursable by CBWM and IEUA.

Figure 3: Fund Balance for Recharge Water Fund



FY 2016 - 2025 Ten Year Capital Improvement Plan (TYCIP)

Since adoption of the TYCIP in March 2015, further analysis, project changes, reductions and additions have resulted in a reduction from $901 million to $667 million. The decrease is primarily due a reduction of over $200 million in the Water Resources (WW) fund for Local Supply Resilience Projects and the removal of $25 million of asset management projects in the Recycled Water program.

The TYCIP continues to focus on critical R&R projects necessary to meet reliability and regulatory requirements, maintaining the Agency's facilities and infrastructure is vital to ensuring the long-term reliability and quality of service that the Agency is committed to provide. Additionally, the TYCIP includes planned expansion and process improvements of existing facilities as the Agency prepares to meet higher service demands anticipated from the expected growth in its service area. Appendix Table A7 includes a list of major projects with at least $1 million annual expense in the biennial budget years.

The Agency is in the process of updating several key planning documents, including Integrated Resources Plan, Recycled Water Program Strategy, Water Use Efficiency Business Plan, and 2015 Urban Water Management Plan. It is anticipated that some of these planning efforts will be completed by fall 2015 and will help to identify new priorities for the region. Projects identified as part of these updates will be further refined and included in next year's TYCIP to meet the region's future needs. The Agency continues to work collaboratively with its member agencies and regional stakeholders to identify projects that will enhance regional water use efficiency, quality, reliability, and resiliency in response to climate change and recurring drought conditions.

Implementation of the TYCIP is consistent with several of the Agency's Business Goals, including *Water Reliability* by promoting cost-effective, reliable, efficient and sustainable water

supplies within the region; and *Wastewater Management* by ensuring that IEUA systems will be master planned, managed and constructed to ensure that when expansion planning is triggered, designs/construction can be completed to meet regulatory/growth needs in an expeditious, environmentally responsible and cost effective manner.

Debt Coverage Ratio

The Debt Coverage Ratio (DCR) is the measurement of an entity's ability to generate enough cash to cover debt payments (principal payments and related interest), and serves as a critical financial measure in determining its overall credit rating. DCR also affects an entity's market accessibility for future borrowings and the associated costs.

Credit Rating Agencies assign credit ratings to organizations and debt issues to reflect the credit worthiness of the whole organization or a specific debt issue and serve as a notable reference to the investment community. All rating agencies agree on the general characteristics that define municipal water and sewer entities in the U.S.; are natural monopolies that provide indispensable services essential to public health, the environment and the economy, and generally have local rate-setting authority. Water and sewer systems agencies are typically subject to strong regulatory requirements and intense capital investments because of the nature of the services they provide.

Current bond covenants require the Agency to maintain a minimum total DCR of 1.25 times (x) or higher on total outstanding debt. The Agency has established a minimum DCR target of 1.6x for parity debt. The Agency has no legal debt limits imposed by state legislation. As indicated in Table 14, the projected favorable trajectory of the Agency's DCR is driven by a combination of higher revenues and early retirement of high interest debt.

Table 14: Projected Debt Coverage Ratio (DRC) Trend

	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
	Projected	*Proposed Budget*		*Forecast*		
DCR	2.54x	2.36x	3.20x	3.49x	3.80x	4.01x

Conclusion

The Agency is committed to adopt rates and fees that fully recover the cost of providing the services in order to maintain a high-quality level of service, (funding and appropriation commitment under the Fiscal Responsibility Business goal). The rates proposed for the five-year period support this commitment. Member agencies and other stakeholders have been actively engaged in reviewing and evaluating the proposed changes to existing rate structures and the implementation of a new water connection fee to appropriately support future investment in regional water reliability and resiliency. Providing reliable and sustainable water supplies is essential to ensuring the region can continue to prosper from future economic development.

Additionally, the new water connection fee is consistent with the Board's key policy principle to have "growth pays for growth". Having future users pay their share of existing available capacity and expansion/enhancement of capacity to meet their needs is a more equitable and sustainable approach. Additionally, adoption of five year rates provides the Agency and its member agencies with stable and predictable revenue streams.

Attached are copies of the Sources and Uses of Fund reports for the Regional Wastewater Operations and Capital funds and the Recycled Water and Recharge Water programs.

INLAND EMPIRE UTILITIES AGENCY
. FISCAL YEAR 2015/16 and FISCAL YEAR 2016/17 BIENNIAL BUDGET
RC FUND - SOURCES AND USES OF FUNDS

	2012/2013	2013/2014	2014/2015		2015/2016	2016/2017	2017/18	2018/19	2019/20
	ACTUAL	ACTUAL	AMENDED BUDGET	PROJECTED ACTUAL	POPOSED BUDGET	POPOSED BUDGET			
REVENUES AND OTHER FINANCING SOURCES									
Contract Cost reimbursement	$11,039	$0	$0	$0	$0	$0	$0	$0	$0
Interest Revenue	399,202	148,574	174,279	174,279	384,995	544,815	790,551	1,029,911	1,167,351
TOTAL REVENUES	$410,241	$148,574	$174,279	$174,279	$384,995	$544,815	$790,551	$1,029,911	$1,167,351
OTHER FINANCING SOURCES									
Property Tax - Debt and Capital	$31,505,242	$24,759,344	$26,132,258	$25,722,994	$26,751,806	$27,574,354	$28,380,995	$29,949,615	$29,527,587
Regional System Connection Fees	14,514,387	9,788,834	15,321,000	15,321,000	22,445,722	25,140,950	23,564,115	21,925,440	22,916,725
State Loans	1,569,879	3,147	0	0	0	0	6,650,000	31,750,000	40,075,000
Grants	24,562	0	0	0	0	0	1,000,000	2,000,000	2,000,000
Sale of Assets	4,305,394	46,130	0	0	0	0	0	0	0
Other Revenues	327,951	(34,871)	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Loan Transfer from Internal Fund	0	0	0	0	0	0	0	0	0
TOTAL OTHER FINANCING SOURCES	$52,247,435	$34,564,404	$41,459,258	$41,049,994	$49,204,528	$52,721,304	$59,601,110	$84,630,055	$94,525,312
EXPENSES									
Employment Expenses	$2,821,517	$4,177,990	$3,062,676	$3,147,365	$3,013,255	$3,171,111	$3,334,495	$3,429,517	$3,523,059
Contract Work/Special Projects	2,195,206	277,375	452,087	220,044	550,000	750,000	950,000	950,000	950,000
Operating Fees	336,347	479,320	677,847	245,647	240,116	247,318	254,738	262,381	270,251
Professional Fees and Services	429,110	390,925	310,481	285,520	299,720	290,390	277,044	279,725	282,509
Other Expenses	2,993,682	1,951,141	1,713,193	1,526,677	1,805,071	1,790,213	1,325,157	1,325,451	1,435,279
TOTAL EXPENSES	$8,677,862	$7,269,943	$6,216,084	$5,685,253	$5,908,161	$6,258,037	$6,139,414	$6,246,334	$6,461,103
CAPITAL PROGRAM									
IERCA investment	$500,000	$0	$500,000	$500,000	$0	$500,000	$0	$500,000	$0
Work In Progress	3,849,619	6,196,417	7,858,549	7,858,549	11,276,916	12,029,545	15,109,091	52,864,545	55,900,000
TOTAL CAPITAL PROGRAM	$4,349,619	$6,196,417	$8,358,549	$8,358,549	$11,276,916	$12,529,545	$15,109,091	$53,364,545	$55,900,000
DEBT SERVICE									
Financial Expenses	-$19,689	-$204,507	$249,420	$249,420	$350,500	$247,500	$247,500	$360,500	$247,500
Interest	7,158,472	6,654,362	6,857,364	6,857,364	6,042,737	6,125,111	6,174,768	5,004,280	3,931,751
Principal	7,906,265	8,103,401	23,083,284	23,083,284	7,078,477	7,279,138	25,466,833	23,923,015	22,755,599
Short Term Inter-Fund Loan	0	0	0	10,500,000	0	0	0	0	0
TOTAL DEBT SERVICE	$15,045,048	$14,523,256	$30,190,068	$40,690,068	$13,501,734	$13,651,749	$31,889,101	$29,287,795	$26,935,250
TRANSFERS IN (OUT)									
Capital Contribution	($3,198,209)	($1,531,144)	($2,188,956)	($1,641,717)	($632,695)	$1,046,697	$296,966	$926,962	$1,089,404
Debt Service	(1,830,928)	(1,940,495)	(505,740)	(1,970,362)	(1,924,922)	(1,963,622)	(2,221,349)	(793,627)	(763,627)
Operation support	0	0	0	0	(6,000,000)	0	0	0	0
Capital - Connection Fees Allocation					(7,300,776)	(9,035,850)	(7,143,972)	(4,941,268)	(5,718,399)
TOTAL INTERFUND TRANSFERS IN (OUT)	(5,029,136)	(3,471,639)	(2,694,696)	(3,612,079)	(15,856,495)	(9,950,776)	(9,078,356)	(4,807,932)	(5,392,622)
FUND BALANCE									
Net Income (Loss)	$20,155,411	$3,250,623	($5,526,860)	($17,121,776)	$2,324,315	$10,576,032	($1,824,301)	($8,578,689)	$1,003,832
Fund Balance Adj. FY 11/12 CAFR	9,000,000	0	0	0	0	0	0	0	0
Beginning Fund Balance July 01	33,049,240	62,204,651	65,455,274	65,455,274	48,333,498	50,657,814	61,233,846	59,409,545	50,830,855
ENDING FUND BALANCE AT JUNE 30	$62,204,651	$65,455,274	$59,928,414	$48,333,498	$50,657,813	$61,233,846	$59,409,545	$50,830,856	$51,834,537
RESERVE BALANCE SUMMARY									
Capital Expansion / Construction	$12,531,116	$14,676,993	$2,111,051	$1,815,135	$2,170,608	$4,408,350	$4,285,946	$4,639,914	$4,287,193
CCRA Capital Construction	28,246,979	36,770,807	36,091,807	25,091,807	29,871,937	38,032,897	38,597,012	30,522,452	32,439,177
Rehabilitation/Replacement		0	0	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Debt Service & Redemption	21,426,556	14,007,474	21,426,556	21,426,556	(5,616,371)	15,792,000	13,526,587	12,668,489	12,108,168
ENDING BALANCE AT JUNE 30	$62,204,651	$65,455,274	$59,629,414	$48,333,498	$50,657,814	$61,233,847	$59,409,545	$50,830,855	$51,834,538

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2015/16 BUDGET
RO FUND - SOURCES AND USES OF FUNDS

	2012/2013	2013/2014	2014/2015	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
	ACTUAL	ACTUAL	AMENDED BUDGET	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET		FORECAST	
REVENUES									
User Charges	39,599,548	42,070,542	45,666,295	45,666,295	49,566,196	55,023,381	59,173,699	59,182,341	64,682,557
Cost Reimbursement JPA	3,252,652	3,054,832	3,471,093	3,347,355	3,350,317	3,625,831	3,707,491	3,913,478	3,917,141
Contract Cost Reimbursement	516,774	65,541	93,000	93,000	730,952	93,000	93,000	93,000	93,000
Interest Revenue	128,550	149,559	185,000	185,000	154,000	150,000	280,000	350,000	550,000
TOTAL REVENUES	43,497,520	46,240,584	49,717,219	49,593,581	53,791,465	58,792,152	63,220,569	67,448,817	69,222,798
OTHER FINANCING SOURCES									
Property Tax Revenues - Debt/Capital	10,407,455	5,864,143	5,844,784	5,708,210	9,054,499	9,328,092	9,608,875	9,797,293	9,999,952
State Loans	0	0	0	0	947,589	7,855,550	7,663,835	51,515	0
Grants	40,253	24,551	0	0	3,625,159	3,625,159	0	0	0
Other Revenues	590,664	734,766	585,416	587,416	726,000	735,540	775,635	726,308	816,564
TOTAL OTHER FINANCING SOURCES	11,048,127	9,393,760	9,410,180	9,271,626	14,353,196	21,944,351	17,745,143	10,575,116	10,808,517
EXPENSES									
Employment Expenses	23,814,915	23,095,288	28,980,805	28,978,822	27,886,822	29,347,722	30,859,809	31,941,957	32,604,854
Contract Work/Special Projects	130,522	585,650	3,004,240	1,165,700	10,757,352	4,300,000	1,300,000	1,300,000	1,300,000
Utilities	6,100,536	6,561,280	6,852,810	7,152,541	7,381,202	7,597,005	7,817,518	8,165,147	8,369,801
Operating Fees	579,730	683,310	1,144,088	1,051,396	2,274,075	2,339,502	2,406,735	2,452,907	2,566,551
Chemicals	3,875,135	4,125,729	4,351,360	3,811,945	4,224,574	4,349,271	4,478,750	4,614,142	4,752,566
Professional Fees and Services	1,872,536	2,132,842	2,377,819	2,214,571	3,215,063	2,720,548	2,650,471	2,721,428	2,795,505
Office and Administrative expenses	19,220	21,534	278,860	179,405	405,300	405,489	405,684	406,685	407,092
Biosolids Recycling	3,322,551	3,527,828	3,857,924	3,850,617	4,202,240	4,186,452	4,272,099	4,356,535	4,441,162
Materials & Supplies	1,866,751	1,863,604	1,907,826	1,870,418	2,004,365	2,019,661	2,039,439	2,101,507	2,165,455
Other Expenses	892,027	1,200,346	4,161,094	3,949,649	5,330,240	4,355,500	4,872,873	4,537,730	5,067,554
TOTAL EXPENSES	41,758,391	43,617,391	56,416,744	53,717,177	68,696,319	62,214,554	61,060,918	62,446,065	64,520,599
CAPITAL PROGRAM									
Capital Construction & Expansion (WIP)	6,054,290	5,139,582	11,377,344	7,694,600	12,620,000	17,350,000	13,600,000	9,150,000	2,495,000
TOTAL CAPITAL PROGRAM	6,054,290	5,139,582	11,377,344	7,694,600	12,620,000	17,350,000	13,600,000	9,150,000	2,495,000
DEBT SERVICE									
Financial Expenses	4,291	144	300	300	1,500	1,500	1,500	1,500	1,500
Interest	214,379	214,375	(3)	214,285	214,285	214,285	551,528	497,244	449,553
Principal	0	0	0	0	0	0	1,311,377	1,232,156	1,180,094
Short Term Inter-Fund Loan	0	0	0	0	0	0	0	0	0
TOTAL DEBT SERVICE	218,670	214,519	297	214,585	215,785	215,785	1,864,405	1,730,900	1,631,147
TRANSFERS IN (OUT)									
Capital Contribution	(400,000)	0	0	0	81,618	(1,545,455)	(760,609)	(1,183,455)	(1,200,000)
Debt Service	0	0	0	0	0	0	181,627	181,627	181,627
Operation support	0	0	0	0	6,000,000	0	0	0	0
Capital - Connection Fees Allocation	0	0	0	0	5,897,537	8,379,991	6,577,135	4,211,944	5,135,832
Property Tax Transfer	0	(2,200,000)	0	0	0	0	0	0	0
TOTAL INTERFUND TRANSFERS IN (OUT	(400,000)	(2,200,000)	0	0	11,979,455	6,834,536	5,997,852	3,198,116	4,117,459
FUND BALANCE									
Net Income (Loss)	6,033,860	4,473,351	(7,666,868)	(5,791,085)	(995,008)	7,110,759	10,431,967	7,693,294	15,534,754
Beginning Fund Balance July 01	25,799,909	31,833,769	36,306,104	36,306,104	30,545,019	29,539,921	39,749,680	50,181,527	58,174,811
ENDING FUND BALANCE AT JUNE 30	31,833,769	36,306,104	28,639,219	30,545,019	29,539,921	36,749,680	50,181,527	58,174,811	73,709,565
RESERVE BALANCE SUMMARY									
Capital / Operation Contingencies	10,923,150	14,596,132	16,473,251	17,905,727	16,565,370	16,560,948	19,110,949	19,644,685	20,201,141
Rehabilitation/Replacement	17,592,839	19,902,599	9,951,192	15,423,507	13,357,766	19,222,305	29,339,877	37,020,813	51,715,094
Debt Service & Redemption	218,780	1,864,406	215,785	215,785	215,785	1,864,406	1,730,700	1,009,431	1,793,342
ENDING BALANCE AT JUNE 30	31,833,769	36,306,104	28,639,219	33,545,019	32,539,921	39,749,680	50,181,527	58,174,811	73,709,565

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2015/16 BUDGET
WC FUND - SOURCES AND USES OF FUNDS

	2012/2013 ACTUAL	2013/2014 ACTUAL	2014/2015 AMENDED BUDGET	2014/2015 PROJECTED ACTUAL	2015/2016 PROPOSED BUDGET	2016/2017 PROPOSED BUDGET	2017/2018 FORECAST	2018/2019 FORECAST	2019/2020 FORECAST
REVENUES									
Contract Cost reimbursement	$31,331	$249,453	$5,000	$5,000	$5,000	$0	$0	$0	$0
Interest Revenue	99,102	74,922	102,584	102,584	192,479	215,184	267,899	360,884	659,550
Water Sales	7,951,605	10,830,500	11,351,500	11,351,500	14,021,682	17,814,000	18,055,000	21,487,000	23,375,500
TOTAL REVENUES	$8,082,038	$11,154,875	$11,459,084	$11,459,084	$14,219,161	$18,030,184	$18,322,899	$21,847,884	$24,035,050
OTHER FINANCING SOURCES									
Property Tax - Debt/Capital	$2,365,053	$1,940,548	$2,212,174	$1,978,684	$2,007,831	$2,119,586	$ 2,163,153	$ 2,228,317	$ 2,271,353
Connection Fees	-	-	-	-	592,657	4,476,217	5,190,044	4,881,403	5,049,390
Debt Proceeds	-	-	-	-	-	-	-	-	-
State Loans	4,779,819	10,175,159	11,874,355	20,242,575	11,367,284	15,472,841	12,535,300	2,937,500	604,000
Grants	2,490,852	2,353,359	2,320,000	2,570,904	3,876,008	2,125,000	1,500,000	1,800,000	-
Capital Contract Reimbursement	15,894	205,976	1,412,490	624,910	1,444,282	717,509	296,783	1,481,923	69,433
Other Revenues	10,211	11	-	-	-	-	-	-	-
Loan Transfer from Internal Fund	-	-	-	10,500,000	-	-	-	-	-
TOTAL OTHER FINANCING SOURCES	$9,964,424	$14,688,065	$15,817,008	$36,426,126	$19,437,905	$25,911,193	$ 22,157,466	$ 13,057,848	$ 7,994,176
EXPENSES									
Employment Expenses	$3,474,305	$2,305,525	$3,548,449	$3,347,365	$3,232,300	$3,419,500	$3,651,276	$3,755,423	$3,867,263
Contract Work/Special Projects	127,335	340,757	589,297	294,849	2,132,000	2,225,000	825,000	825,000	1,150,000
Utilities	2,091,724	2,370,814	2,369,898	2,426,774	2,875,552	3,009,594	3,318,447	3,425,735	4,288,255
Operating Fees	101,674	150,055	211,408	188,393	198,150	152,277	201,417	250,539	208,539
Professional Fees and Services	991,231	504,900	610,159	457,284	642,620	655,720	663,034	572,500	682,426
Materials & Supplies	33,738	73,419	299,700	120,500	158,535	105,350	173,607	173,042	162,311
Other Expenses	329,293	203,885	1,150,795	1,197,864	1,236,454	1,253,006	1,132,029	1,245,206	1,224,998
TOTAL EXPENSES	$7,157,141	$6,337,228	$8,948,704	$8,031,533	$10,575,372	$10,811,887	$9,964,809	$10,352,594	$11,572,734
CAPITAL PROGRAM									
Work in Progress	$8,526,753	$18,685,348	$39,564,149	$32,228,314	$18,192,735	$18,730,000	$14,465,000	$4,115,000	$3,210,000
TOTAL CAPITAL PROGRAM	$8,526,753	$19,229,848	$39,564,149	$32,228,314	$18,192,735	$18,730,000	$14,465,000	$4,115,000	$3,210,000
DEBT SERVICE									
Financial Expenses	($537,097)	($321,408)	$1,800	$1,800	$2,000	$2,000	$2,000	$2,000	$2,000
Interest	2,205,583	2,088,251	2,055,461	2,055,461	2,815,848	2,556,883	2,812,195	2,797,139	2,870,587
Principal	2,704,473	2,738,130	2,772,545	2,772,546	3,412,245	3,671,209	10,801,532	10,744,016	10,696,708
Short Term Inter-Fund Loan	-	-	-	-	-	2,000,000	2,000,000	1,000,000	1,000,000
TOTAL DEBT SERVICE	$4,373,959	$4,793,985	$4,829,807	$4,829,807	$6,230,093	$8,230,092	$15,615,727	$14,543,155	$14,569,295
TRANSFERS IN (OUT)									
Capital Contribution	$1,235,279	($199,209)	($354,855)	($397,391)	($334,704)	($458,122)	($18,356)	($9,794)	($4,035)
Debt Service	1,464,622	1,464,622	-	1,464,622	1,464,622	1,464,622	1,464,622	-	-
Operation support	(75,343)	(600,000)	(892,174)	(892,174)	(465,863)	(791,000)	(923,000)	(841,000)	(873,000)
One Water					(129,853)	(466,534)	(330,425)	(294,723)	(296,377)
Property Tax Transfer	-	(500,000)	-	-	-	-	-	-	-
TOTAL INTERFUND TRANSFERS IN (OUT)	$2,627,653	$165,413	($1,247,029)	$175,057	$534,367	($251,034)	$237,806	($1,135,517)	($1,173,411)
FUND BALANCE									
Net Income (Loss)	($297,627)	($4,974,237)	($26,084,596)	$2,900,613	$1,182,812	$5,818,224	$732,435	$4,253,957	$1,503,225
Fund Balance Adj. FY 11/12 CAFR	-	-	-	-	-	-	-	-	-
Beginning Fund Balance July 01	15,623,212	15,325,585	10,351,348	10,351,348	13,251,961	14,434,291	20,252,517	20,984,955	25,238,922
ENDING BALANCE AT JUNE 30	$15,325,585	$10,351,348	($15,733,248)	$13,251,961	$14,434,293	$20,252,515	$20,984,955	$25,238,922	$26,742,147
RESERVE BALANCE SUMMARY									
Operating Contingencies	$1,714,307	$4,125,127	$2,983,234	$3,077,177	$3,597,506	$3,321,000	$3,617,555	$3,837,598	$3,856,509
Capital Expansion & Replacement	8,785,188	1,382,914	(23,581,954)	5,709,312	5,581,400	4,779,909	519,238	3,386,032	5,090,347
Rehabilitation/Replacement Reserve	-	-	100,000	100,000	500,000	3,000,000	3,000,000	3,000,000	3,000,000
Debt Service & Redemption	4,825,091	4,842,307	4,765,471	4,765,471	4,755,470	9,151,155	13,548,163	14,815,292	14,816,292
ENDING BALANCE AT JUNE 30	$15,325,585	$10,351,348	($15,733,249)	$13,251,960	$14,434,251	$20,252,514	$20,984,955	$25,238,922	$26,742,147

INLAND EMPIRE UTILITIES AGENCY

FISCAL YEAR 2015/2016 AND FISCAL YEAR 2016/17 BIENNIAL BUDGET

RW FUND - SOURCES AND USES OF FUNDS

	2012/2013 ACTUAL	2013/2014 ACTUAL	2014/2015 AMENDED BUDGET	2014/2015 PROJECTED ACTUAL	2015/2016 ADOPTED	2016/2017 ADOPTED	2017/2018	2018/2019	2019/2020
REVENUES AND OTHER FINANCING SOURCES									
Cost Reimbursement from JPA	$757,088	$718,788	$741,692	$594,716	$741,907	$773,000	$796,000	$819,000	$844,000
Contract Cost reimbursement	6,750	0	0	0	50,000	0	0	0	0
Interest Revenue	10,325	10,232	15,000	15,000	10,000	10,000	15,000	20,000	25,000
TOTAL REVENUES AND OTHER FINANCING SOURCES	$774,163	$729,020	$756,692	$609,716	$801,907	$783,000	$811,000	$839,000	$869,000
OTHER FINANCING SOURCES									
Grants	$0	$0	$0	$0	$0	$60,000	$0	$0	$0
Capital Contract Reimbursement	348,651	342,755	556,740	505,148	1,486,950	4,701,000	13,199,885	22,634,500	8,882,000
Other Revenues	38,838	(2,485)	0	0	0	0	0	0	0
TOTAL OTHER FINANCING SOURCES	$385,489	$340,270	$556,740	$505,148	$1,486,950	$4,761,000	$13,199,885	$22,634,500	$8,882,000
EXPENSES									
Employment Expenses	$459,791	$380,306	$816,714	$787,615	$649,758	$683,797	$719,029	$739,583	$759,688
Contract Work/Special Projects	0	0	0	0	100,000	0	0	0	0
Utilities	95,501	101,748	126,000	120,000	122,000	122,000	125,660	129,430	133,313
Operating Fees	4,677	6,384	3,800	3,800	5,000	5,000	5,150	5,305	5,464
Professional Fees and Services	443,668	549,471	603,422	695,628	530,000	593,310	609,579	626,337	643,596
Office and Administrative expenses	7,912	7,891	14,096	13,990	15,500	15,500	15,965	16,444	16,937
Expense Allocation	71,148	0	52,356	48,233	75,788	61,215	62,477	55,671	67,770
Materials & Supplies	45,278	87,565	86,100	57,685	81,500	83,000	85,490	88,055	90,696
TOTAL EXPENSES	$1,127,975	$1,133,365	$1,702,487	$1,726,952	$1,579,546	$1,563,823	$1,623,350	$1,660,825	$1,717,464
CAPITAL PROGRAM									
Capital Expansion/Construction	183,274	254,750	1,316,832	735,000	$1,455,000	$4,735,000	$12,730,500	$22,022,500	$8,300,000
TOTAL CAPITAL PROGRAM	$183,274	$254,750	$1,316,832	$735,000	$1,455,000	$4,735,000	$12,730,500	$22,022,500	$8,300,000
DEBT SERVICE									
Financial Expenses	$219,285	$83,549	$105,700	$81,900	$145,200	$78,200	$78,200	$145,200	$78,200
Interest	25,906	8,565	299,000	5,500	143,000	270,000	389,000	368,000	346,000
Principal	562,712	584,746	606,780	606,780	632,203	647,458	683,051	710,170	738,983
TOTAL DEBT SERVICE	$807,902	$676,860	$1,011,480	$694,180	$920,403	$995,658	$1,150,251	$1,223,370	$1,163,183
TRANSFERS IN (OUT)									
Capital Contribution	$263,353	$142,352	$275,000	$337,500	$314,800	$440,000	$0	$0	$0
Debt Service	366,306	475,873	505,740	505,740	460,200	499,000	575,000	612,000	582,000
Operation support	275,048	700,000	892,174	892,174	465,893	791,000	828,000	841,000	873,000
Property Tax Transfer	0	0	0	0	61,549	96,442	18,903	3,913	3,913
TOTAL INTERFUND TRANSFERS IN (OUT)	$904,707	$1,318,225	$1,672,914	$1,735,414	$1,302,242	$1,826,442	$1,421,903	$1,456,913	$1,458,913
FUND BALANCE									
Net Income (Loss)	($54,792)	$322,541	($1,044,453)	($305,854)	($363,850)	$72,961	($71,313)	$23,718	$29,266
Beginning Fund Balance July 01	$3,144,816	$3,090,023	$3,412,564	$3,412,564	$3,106,710	$2,742,861	$2,815,822	$2,744,509	$2,768,227
ENDING FUND BALANCE AT JUNE 30	$3,090,023	$3,412,564	$2,368,110	$3,106,710	$2,742,861	$2,815,822	$2,744,509	$2,768,227	$2,797,494
RESERVE BALANCE SUMMARY									
Operating Contingencies	$2,347,150	$2,430,824	$1,571,560	$2,107,710	$1,743,861	$1,740,822	$1,632,509	$1,686,227	$1,658,494
Capital Expansion / Construction	500,000	550,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Debt Service & Redemption	242,873	431,740	296,550	499,000	499,000	575,000	612,000	582,000	639,000
ENDING BALANCE AT JUNE 30	$3,090,023	$3,412,564	$2,368,110	$3,106,710	$2,742,861	$2,815,822	$2,744,509	$2,768,227	$2,797,494

Appendix Table A1 – Water Connection fees

Fiscal Year	2015/16	2016/17		2017/18	2018/19	2019/20
Effective Date	1/1/2016	7/1/2016	1/1/2017	7/1/2017	7/1/2018	7/1/2019
5/8"	$693	$693	$1,455	$1,527	$1,604	$1,684
3/4"	$693	$693	$1,455	$1,527	$1,604	$1,684
1"	$1,733	$1,733	$3,638	$3,818	$4,011	$4,211
1.5"	$3,465	$3,465	$7,275	$7,635	$8,020	$8,420
2"	$5,544	$5,544	$11,640	$12,216	$12,832	$13,472
3"	$12,128	$12,128	$25,463	$26,723	$28,071	$29,471
4"	$21,830	$21,830	$45,833	$48,101	$50,527	$53,047
6"	$48,510	$48,510	$101,850	$106,890	$112,280	$117,880
8"	$83,160	$83,160	$174,600	$183,240	$192,480	$202,080
10"	$103,950	$103,950	$218,250	$229,050	$240,600	$252,600
12"	$121,275	$121,275	$254,625	$267,225	$280,700	$294,700

Appendix Table A2: Historic & Projected Total Employment Costs

$Millions	FY 07/08 ACTUAL	FY 08/09 ACTUAL	FY 09/10 ACTUAL	FY 10/11 ACTUAL	FY 11/12 ACTUAL	FY 12/13 ACTUAL	FY 13/14 ACTUAL	FY 14/15 PROJECTED ACTUAL	FY 15/16 DRAFT	FY 16/17 FORECAST	FY 17/18 FORECAST	FY 18/19 FORECAST	FY 19/20 FORECAST
Total Labor Cost	$ 38.36	$ 40.32	$ 39.70	$ 37.75	$ 37.95	$ 37.01	$ 37.07	$ 42.86	$ 45.75	$ 48.43	$ 49.61	$ 51.81	$ 53.17
YoY change	21.33%	5.13%	-1.56%	-4.90%	0.51%	-2.46%	0.17%	16%	6.75%	5.85%	2.43%	4.45%	2.62%
Authorized FTEs	308	308	308	295	295	295	295	290	290	290	290	290	290
Actual Avg FTEs	306	298	290	286	275	271	263	264	278	281	281	281	281
Average vacancy factor	0.65%	3.25%	5.84%	3.05%	6.90%	8.10%	10.80%	9.00%	4.00%	3.00%	3.00%	3.00%	3.00%
Comments	Increase in actual FTE count needed to support increasing service area demands.	Implementation of the Agency's Cost Containment Plan, initial cutback in staffing level.	Cost Containment Plan: Permanent reduction of 5 authorized FTE positions, established 5% vacancy factor.	Cost Containment Plan: Eliminated performance incentives, negotiated significant revisions to personnel benefits, including capping of health insurance benefits.	Cost Containment Plan: Only filled positions critical to the day-to-day operations of the Agency. Employees began paying a portion (2%) of the employer paid contribution rate	Cost Containment Plan: Only filled positions critical to the day-to-day operations of the Agency. Employee paid pension rate contribution increased to 3% as 9/1/2013.		Cost Containment Plan: Permanent reduction of 5 authorized FTE positions. Employee paid pension rate contribution increased to 4%. Includes the Agency's initial $4.5 million annual payment against the Agency's pension unfunded liability (UAL). Annual UAL payments are intended to achieve	Employee paid pension rate contribution increased to 5.5%, offset by COLA and a decrease in the vacancy factor to 4%.	Employee paid pension rate contribution increased to 7%, offset by COLA and reduction of the vacancy factor to 3%.	Employee paid pension rate contribution increased to 8%, offset by COLA.	Authorized staffing level maintained at 290 FTEs with a vacancy factor of 3%.	
	3% COLA per negotiated MOUs.	3% COLA per negotiated MOUs.	3% COLA per negotiated MOUs.	0% COLA awarded.	0% COLA awarded.	0% COLA awarded.	0% COLA awarded.	3.0% COLA per negotiated MOUs.	3.0% COLA per negotiated MOUs.	3.5% COLA per negotiated MOUs.	3.5% COLA per negotiated MOUs.	Assumed 2.0% COLA subject to negotiations	Assumed 2.0% COLA subject to negotiations

Appendix Table A3: Key Assumption for FY 2015/16 and FY 2016/17 Budget

Revenues and Other Funding Sources	Expenses and Other Uses of Funds
New EDU and water connections (MEU) estimated to be: FY 2015/16 4,330 EDU/ 985 MEU FY 2016/17 4,579 EDU/ 4,167 MEU New EDU connections of 30,000 over 10 years is lower than 40,523 projected by member agencies.	Staffing level maintained at 290 FTEs and vacancy factor reduced to support succession planning; 4% FY 2015/16 and 3% thereafter
3.2 million total number of billable volumetric EDUs, 0.25% annual growth.	COLA partially offset by additional employee paid CalPERS contribution of 1.50% each year: 3.0% COLA FY 2015/16 (5.50% employee paid) 3.5% COLA FY 2016/17 (7.0% employee paid).
Total recycled water deliveries: 35,150 AF FY 2015/16 37,100 AF FY 2016/17 Projected to reach 50,000 AF by 2025.	6% increase in health insurance premiums and 5% increase in CalPERS employer rate.
Potable water deliveries anticipate implementation of the Water Supply Allocation Plan by MWD: 50,000 AF FY 2015/16 50,000 AF FY 2016/17 +10,000 AF of other imported water during wet years (2019 & 2023) Ten year average potable water deliveries, 50,000 AF for FY 2015/16 for RTS pass-through.	3% average CPI for O&M expenses and $4.5 million annual payment against pension unfunded accrued liability (UAL).
2% - 5% growth in property tax receipts. Assumes no change in the level of property tax receipts and no change in the fund allocation: Administrative Services (GG) 8% Recycled Water (WC) 5% Regional Wastewater O&M (RO) 22% Regional Wastewater Capital (RC) 65%	Pay down of high interest debt beginning in FY 2017/18
Capital Improvement Plan (CIP) partially funded by low interest SRF loans and grants.	CIP aligns with the Agency's TYCIP.

Appendix Table A4 – EDU Volumetric Rates

Rate Description	FY 2014/15 Current	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
EDU Volumetric Rate	$14.39	$15.89	$17.14	$18.39	$19.59	$20.00
Rate Increase		$1.50	$1.25	$1.25	$1.20	$.41
Effective Date		10/01/15	07/01/16	07/01/17	07/01/18	07/01/19

Appendix Table A5 – Water Rates

	FY 2014/15 Current	FY 2015/16 Proposed	FY 2016/17 Estimated	FY 2017/18 Estimated	FY 2018/19 Estimated	FY 2019/20 Estimated
AF Surcharge	$15.0	$15.0	$67.0	$68.0	$70.0	$73.0
Water Meter Rate	$2.105	$2.105	n/a	n/a	n/a	n/a
MEU Rate	n/a	n/a	$1.10	$1.20	$1.30	$1.40

Appendix Table A6 – Inter-Fund Loan Re-payment Schedule

Inter Fund Loans Issued	Due to	Loan Amount ($Millions)	Repayment Schedule
FY 2007/08	Non-Reclaimable Wastewater (NRW) Fund	$9	2016/17-17/18 $4.0 2018/19-19/20 $2.0 2020/21 $3.0 Total $9.0
FY 2007/08	Regional Wastewater Capital (RC) Fund	3	2022/23 $1.0 2023/24-2024/25 $2.0 Total $3.0
FY 2009/10	Non-Reclaimable Wastewater (NRW) Fund	6	2020/21 $2.0 2021/22 $3.0 2022/23 $1.0 Total $6.0
FY 2014/15	Regional Wastewater Capital Improvement (RC) Fund	10.5	2022/23 $1.0 2023/24 $5.0 2024/25 $4.5 Total $10.5
Total	**Grand Total**	**$28.5**	**$28.5**

Appendix Table A7 – Major Projects in FYs 2015/16 and 2016/17

Description	FY 2015/16 Proposed	FY 2016/17 Proposed	Total Ten Year Budget
Chino Basin Groundwater Supply Wells and Raw Water Pipeline	9,000,000	3,000,000	12,000,000
New Water Quality Laboratory-RO	1,800,000	7,000,000	20,900,000
San Sevaine Improvements	3,500,000	3,000,000	6,500,000
Conservation Programing	3,000,000	3,000,000	30,000,000
SCADA Enterprise System	4,200,000	1,000,000	8,700,000
RP-1 Mixed Liquor Return Pump Improvements	1,000,000	3,000,000	4,000,000
RP-5 Solids Treatment Facility - RC	-	4,000,000	136,000,000
RP-1 Headworks Gate Replacement	700,000	2,700,000	3,400,000
Wineville Extension Pipeline Segment A	2,100,000	50,000	2,150,000
RP-4 Chlorination Facility Retrofit	550,000	1,500,000	2,050,000
RC Planning Documents	1,000,000	1,000,000	2,000,000
RP-1 East Primary Effluent Pipe Rehab	600,000	1,400,000	2,000,000
Agency Bypass Pumping Project	1,000,000	1,000,000	2,000,000
Wineville Extension Pipeline Segment B	1,600,000	50,000	1,650,000
RP-1 Expansion PDR	1,000,000	500,000	1,500,000
RP-5 Expansion PDR	1,000,000	500,000	1,500,000
Second 12kV Feeder to TP-1	1,000,000	500,000	1,500,000
RP-5 Flow Equalization and Effluent Monitoring	1,200,000	0	1,200,000
Agency-Wide HVAC Improvements- Pckg No. 3	1,000,000	100,000	1,100,000
RP-1 Asset Replacement	1,000,000	0	1,000,000
RP-1 Parallel Outfall Pipeline from RP-1 to Riverside Dr	-	1,000,000	5,000,000
TOTAL MAJOR PROJECTS	**13,750,000**	**34,300,000**	**246,150,000**

Appendix – BIA Letter Dates April 27, 2015 (Re: Wastewater and "One-Water" Connection Fees

April 27th 2015

Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708

Baldy View Chapter
9227 Haven Ave – Ste 350
Rancho Cucamonga,
California 91730
ph 909.945.1884
fx 909.948.9631
www.biabuild.com

Re: Wastewater and "One-Water" Connection Fees

Dear Regional Policy Committee and IEUA Board Members,

The Building Industry Association, Baldy View Chapter (BIA) has concluded our peer review of the Inland Empire Utilities Agency's (IEUA) proposed Wastewater Connection Fee update and the new "One-Water" Connection Fee. BIA supports the approach by IEUA to phase-in the connection fee increases gradually over the next 2 years. At this time we have no further comments on the fees.

We would also like to commend IEUA on your commitment to maintaining a reliable water management system for both existing and future users in the region. We appreciate the transparency IEUA has demonstrated during the peer-review process and look forward to working with you to address future housing needs in your service area.

Sincerely,

Carlos Rodriguez

Carlos Rodriguez, CEO

CC: Joe Grindstaff, General Manager
Christina Valencia, Chief Financial Officer
Chris Berch, Executive Manager of Engineering

REVISED 4/28/15

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

FYs 2015/16 and 2016/17 Biennial Budget and Multi-Year Rates Regional Wastewater, Recycled Water, and Recharge Water Funds

Regional Committees
April 30/May 14, 2015

- **Rates/Fees FYs 2015/16- 2019/20**
  - Wastewater Connection fee
  - Recycled Water rates
  - Water Connection fee
- **Biennial Budgets FYs 2015/16 & 2016/17**
  - Regional Wastewater Capital Improvement (RC) Fund
  - Regional Wastewater Operations & Maintenance (RO) Fund
  - Recycled Water (WC) Fund
  - Recharge Water (RW) Fund

Key Policy Principles

- **Fully recover costs** of providing the service.
- **Be equitable** by maintaining a clear nexus between what a customer pays and the benefit/demand of services received.
- Ensure regional water **reliability and sustainability.**
- Make **growth pay for growth.**
- **Eliminate property tax subsidies** for operation and maintenance costs.
- **Provide fiscal stability** to ensure uninterruptible service during times of revenue uncertainty.
- Be **legally compliant.**

PROPOSED FEES/RATES

Wastewater Connection Fee

	FY 2014/15	FY 2015/16		FY 2016/17		FY 2017/18	FY 2018/19	FY 2019/20
Effective Date		*7/01/15*	*1/01/16*	*7/01/16*	*01/01/17*	*7/01/17*	*7/01/18*	*7/01/19*
Wastewater Connection Fee/EDU	$5,107	$5,107	$5,415	$5,415	$6,009	$6,309	$6,624	$6,955

Water Connection Fee

	FY 2014/15	FY 2015/16	FY 2016/17		FY 2017/18	FY 2018/19	FY 2019/20
Effective Date		*1/01/16*	*7/01/16*	*01/01/17*	*7/01/17*	*7/01/18*	*7/01/19*
Water Connection Fee /MEU	N/A	$693	$693	$1,455	$1,527	$1,604	$1,684

Phased implementation, assumes annual 5% increases beginning 1/1/17 for both connection fees.

Recycled Water Rates

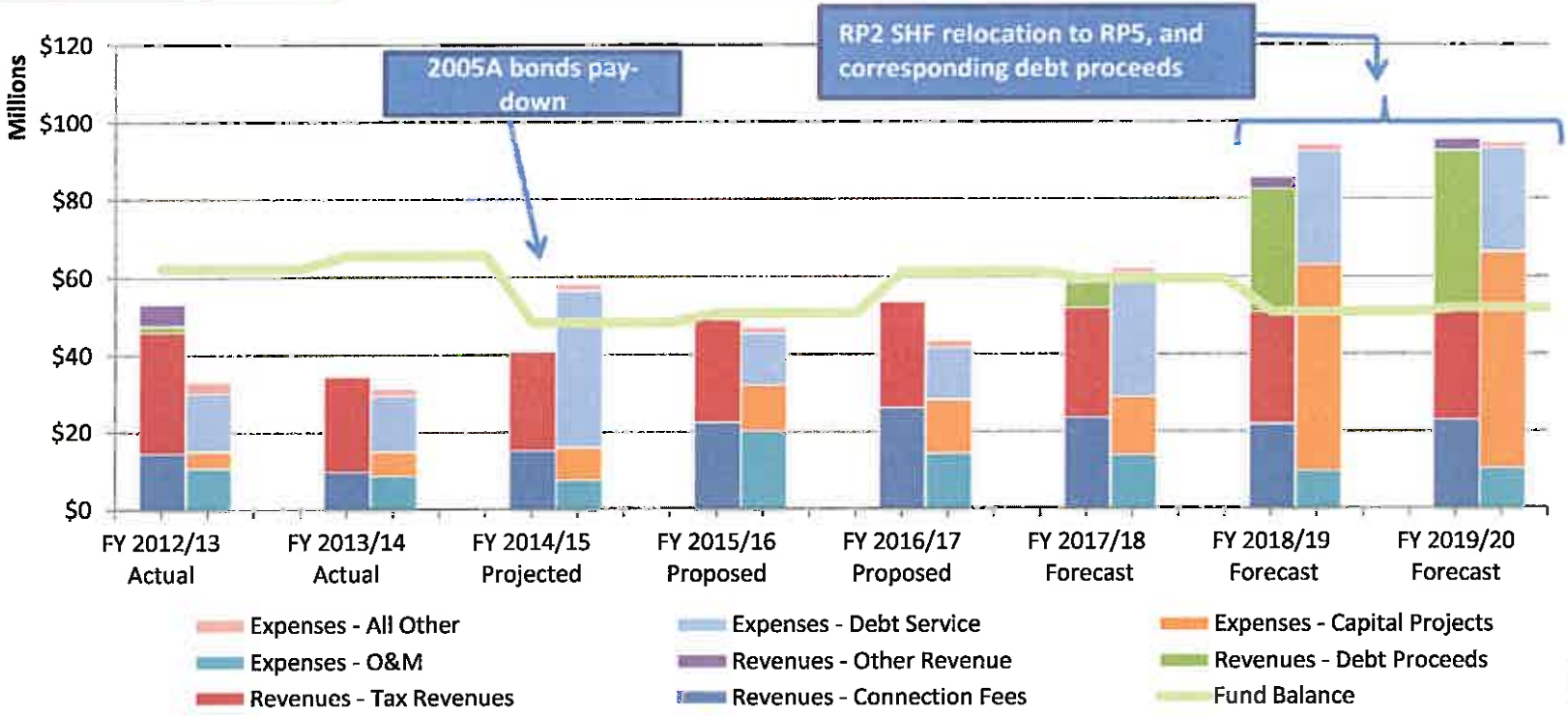
	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
Effective Date		*10/01/15*	*7/01/16*	*7/01/17*	*7/01/18*	*7/01/19*
Direct Delivery/AF	$290	$350	$410	$470	$480	$490
Groundwater Recharge/AF	$335	$410	$470	$530	$540	$550

Cost of service is the key driver for proposed rate increases.

RC Fund Trend
Sources, Uses of Funds and Fund Balance

Inland Empire Utilities Agency
MUNICIPAL WATER DISTRICT

	FY 2014/15	FY 2015/16		FY 2016/17		FY 2017/18	FY 2018/19	FY 2019/20
Effective Date		*7/01/15*	*1/01/16*	*07/01/16*	*1/01/17*	*7/01/17*	*7/01/18*	*7/01/19*
Wastewater Connection Fee	$5,107	$5,107	$5,415	$5,415	$6,009	$6,309	$6,624	$6,955
New EDU Connections	3,000	2,598	1,732	2,290	2,290	3,735	3,310	3,295
Member Agency Forecast	5,106	5,849		6,185		5,045	4,470	4,453



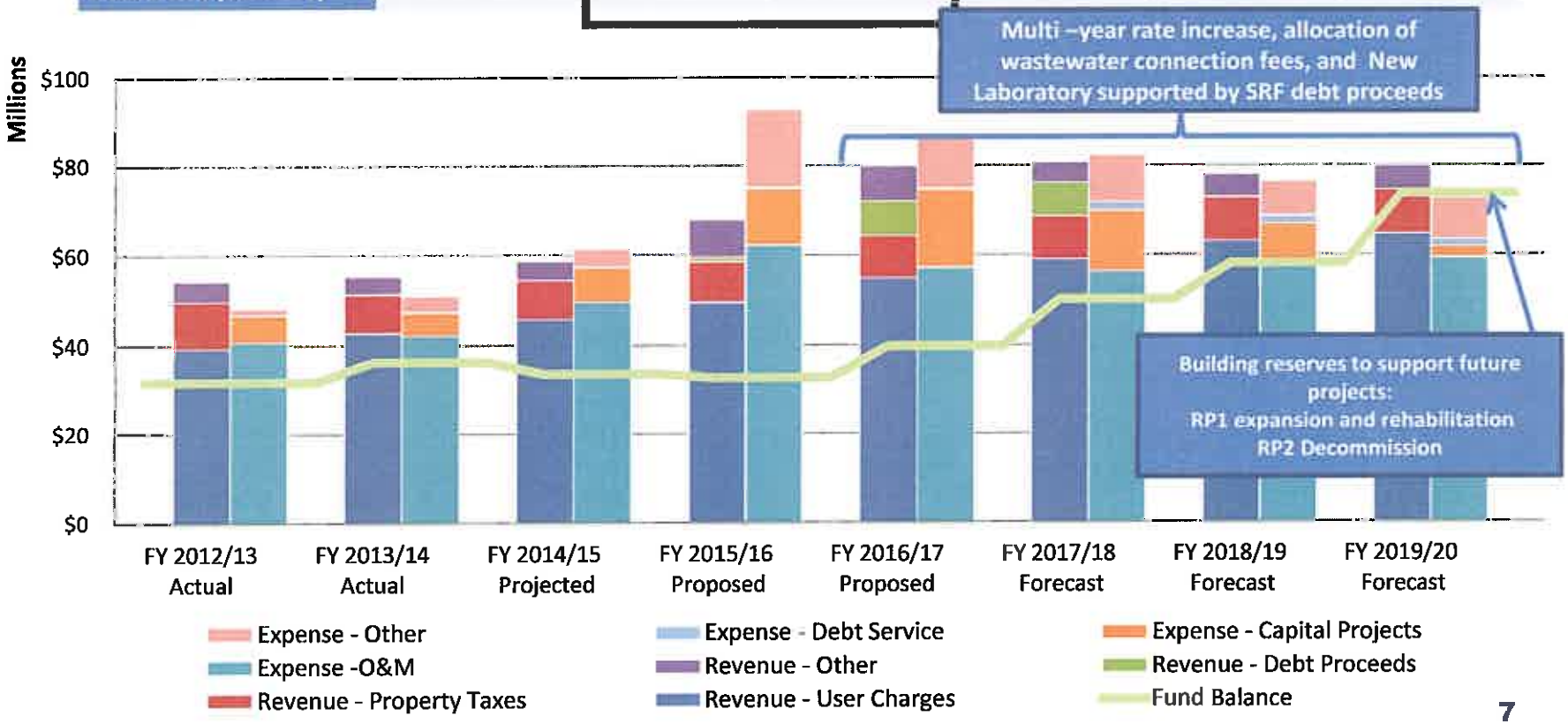
RC Fund FY 2015/16 and FY 2016/17 Estimated Ending Fund Balance

($ Millions)	FY 2014/15 Projected Actual	FY 2015/16 Budget	FY 2016/17 Budget	FY 2017/18 Forecast	FY 2018/19 Forecast	FY 2019/20 Forecast
Capital Connection Fees	$15.3	$22.4	$26.2	$23.6	$21.9	$22.9
Property Tax	25.7	26.7	27.6	28.4	28.9	29.5
SRF Loans/Grants/Other*	0.2	0.4	2.5	9.6	36.0	44.5
Total Revenue	*$41.2*	*$49.5*	*$56.3*	*$61.6*	*$86.8*	*$96.9*
Capital Costs	8.4	17.9	13.8	15.1	53.3	55.9
Debt Service	40.7	13.5	13.6	31.9	29.3	26.9
Other Expense**	9.2	15.7	18.4	16.4	12.8	13.1
Total Expense	*$58.3*	*$47.1*	*$45.8*	*$63.4*	*$95.4*	*$95.9*
Net Change	($17.1)	$2.4	$10.5	($1.8)	($8.6)	$1.0
Beginning Fund Balance	$65.4	$48.3	$50.7	$61.2	$59.4	$50.8
Ending Fund Balance	**$48.3**	**$50.7**	**$61.2**	**$59.4**	**$50.8**	**$51.8**

*Other Revenue includes – interest, lease and capital inter-fund transfers and other reimbursements.
**Other Expense includes – employment, contract work, special projects, NRW operating fees, and professional fees and administration, inter-fund transfers for capital and debt service support.

RO Fund Trend
Sources and Uses of Funds and Fund Balance

	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
Effective Date		*7/01/15*	*7/01/16*	*7/01/17*	*7/01/18*	*7/01/19*
EDU Rate	$14.39	$15.89	$17.14	$18.39	$19.59	$20.00
EDU Units (millions)	3.20	3.19	3.20	3.21	3.22	3.23



Projected Net Change to RO Fund Balance

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

($ Millions)	FY 2014/15 Projected Actual	FY 2015/16 Budget	FY 2016/17 Budget	FY 2017/18 Forecast	FY 2018/19 Forecast	FY 2019/20 Forecast
EDU Volumetric	$45.8	$49.6	$55.0	$59.0	$63.1	$64.6
Property Tax Receipts	8.7	9.0	9.3	9.6	9.8	10.0
Loans/Grants/JPA Reim./Connection Fee Allocation/Other*	4.3	21.7	24.6	19.4	9.7	10.7
Total Revenue	*$58.8*	*$80.3*	*$88.9*	*$88.0*	*$82.6*	*$85.3*
Operating Expense	49.2	53.9	54.4	56.0	57.3	59.3
Capital Costs	7.7	12.6	17.4	13.6	9.1	2.5
Debt/O&M Proj./ Other Expense**	4.7	14.7	10.0	8.0	8.1	8.0
Total Expense	*$61.6*	*$81.2*	*$81.8*	*$77.6*	*$74.5*	*$69.8*
Net Change	($2.8)	($0.9)	$7.1	$10.4	$8.1	$15.5
Beginning Fund Balance	$36.3	$33.5	$32.6	$39.7	$50.1	$58.2
Estimated Ending Fund Balance	**$33.5**	**$32.6**	**$39.7**	**$50.1**	**$58.2**	**$73.7**

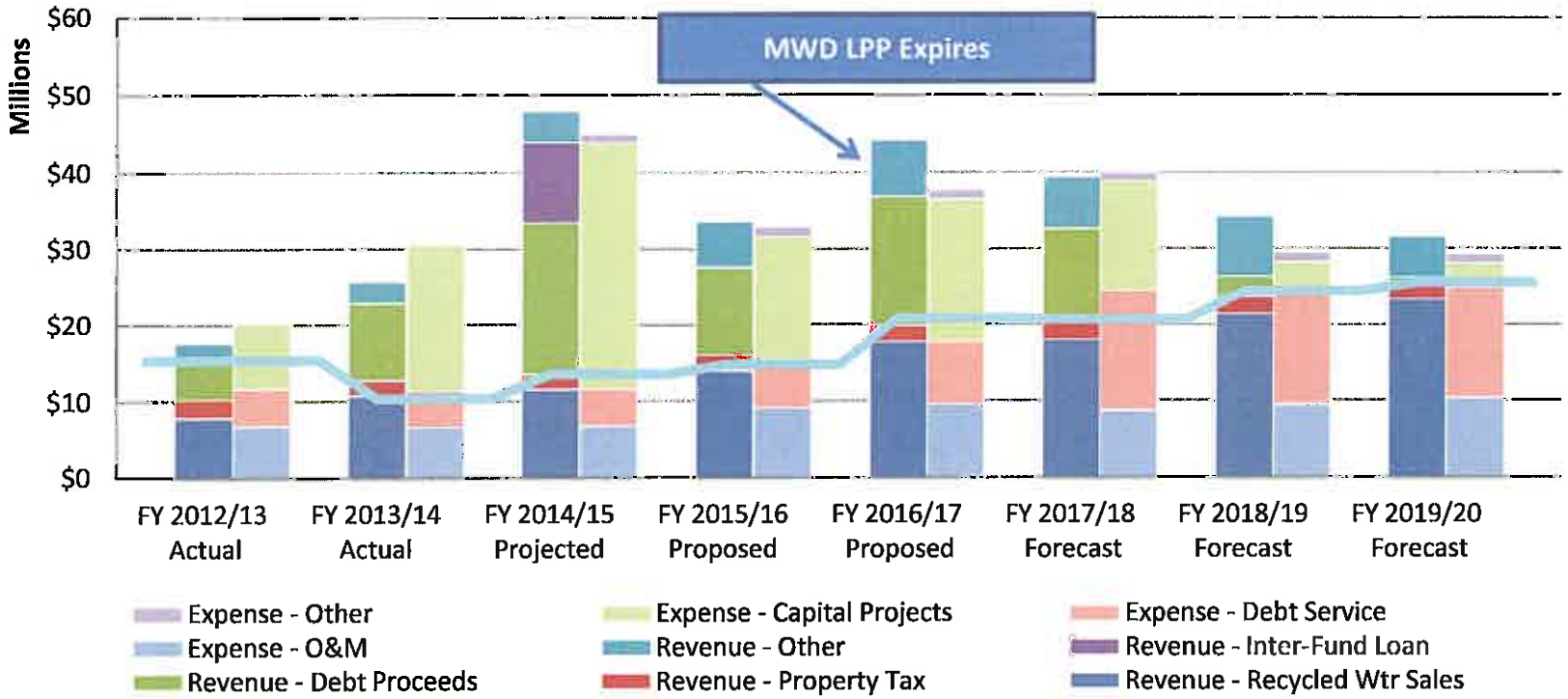
*Other Revenue includes – interest, lease revenue, inter-fund transfers to support debt, capital and operating expense, and miscellaneous other reimbursements

**Other Expense includes –JPA O&M, inter-fund transfers to the RC fund in support of the RP-2 Relocation/RP-5 Solids Expansion project

WC Fund Trend
Sources and Uses of Funds and Fund Balance

Inland Empire Utilities Agency

	FY 2014/15	FY 2015/16	FY 2016/17		FY 2017/18	FY 2018/19	FY 2019/20
Effective Date		*10/01/15*	*7/01/16*		*7/01/17*	*7/01/18*	*7/1/19*
Direct Delivery/AF	$290	$350	$410		$470	$480	$490
Groundwater Recharge/AF	$335	$410	$470		$530	$540	$550
AF Delivery	32,000	35,150	37,100		37,300	42,950	45,770
Effective Date		*1/01/16*	*7/01/16*	*1/01/17*	*7/01/17*	*7/01/18*	*7/01/19*
Water Connection Fee /MEU		$693	$693	$1,455	$1,527	$1,604	$1,684



WC Fund FY 2015/16 and FY 2016/17 Estimated Ending Fund Balance

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

($ Millions)	FY 2014/15 Projected Actual	FY 2015/16 Budget	FY 2016/17 Budget	FY 2017/18 Forecast	FY 2018/19 Forecast	FY 2019/20 Forecast
Recycled Water Sales	$9.5	$11.9	$15.7	$18.0	$21.5	$23.4
MWD LPP Rebate- ends 6/30/17	2.1	2.1	2.1	0	0	0
Property Tax Receipts	2.0	2.1	2.1	2.2	2.2	2.3
Loans/Grants/Water Connection Fee/Other*	35.7	19.0	25.5	21.7	11.2	6.3
Total Revenue	*$49.3*	*$35.1*	*$45.4*	*$41.9*	*$34.9*	*$32.0*
Operating Expense	$7.9	$10.6	$10.9	$10.0	$10.9	$11.6
Capital Project Costs	32.2	16.2	18.7	14.4	4.1	3.2
Debt Service Payments	4.8	6.2	8.2	15.6	14.5	14.6
Other Expense**	1.4	1.0	1.7	1.2	1.1	1.2
Total Expense	*$46.3*	*$34.0*	*$39.5*	*$41.2*	*$30.6*	*$30.6*
Net Change	$3.0	$1.1	$5.9	$0.7	$4.3	$1.4
Beginning Fund Balance	$10.3	$13.3	$14.4	$20.3	$21.0	$25.3
Estimated Ending Fund Balance	**$13.3**	**$14.4**	**$20.3**	**$21.0**	**$25.3**	**$26.7**

*Other Revenue includes – interest, FY 2014/15 inter-fund loan from RC fund, and project reimbursements , and inter-fund transfers to support debt service

**Other Expense includes - operating expense, one water connection fee transfers, operating and debt support transfers

RW Fund
Estimated Ending Fund Balance

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20
CBWM Share	$1.1	$2.3	$5.5	$14.0	$23.4	$9.7
IEUA Share	1.7	1.3	1.9	1.4	1.5	1.5
Total Revenues	**$2.8**	**$3.6**	**$7.4**	**$15.4**	**$24.9**	**$11.2**
Facilities Operations & Maintenance	$1.1	$1.3	$1.3	$1.3	$1.4	$1.4
Capital Projects	0.7	1.5	4.7	12.7	22.0	8.3
Debt Service	0.7	0.9	1.0	1.1	1.2	1.2
Non-Reimbursable Administration Costs	0.6	0.2	0.3	0.3	0.3	0.3
Total Expenses	**$3.1**	**$3.9**	**$7.3**	**$15.4**	**$24.9**	**$11.2**
Net Change	**($0.3)**	**($0.3)**	**$0.1**	**$0.0**	**$0.0**	**$0.0**
Ending Fund Balance	**$3.1**	**$2.7**	**$2.8**	**$2.8**	**$2.8**	**$2.8**

Recharge Water (RW Fund) Major Projects

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

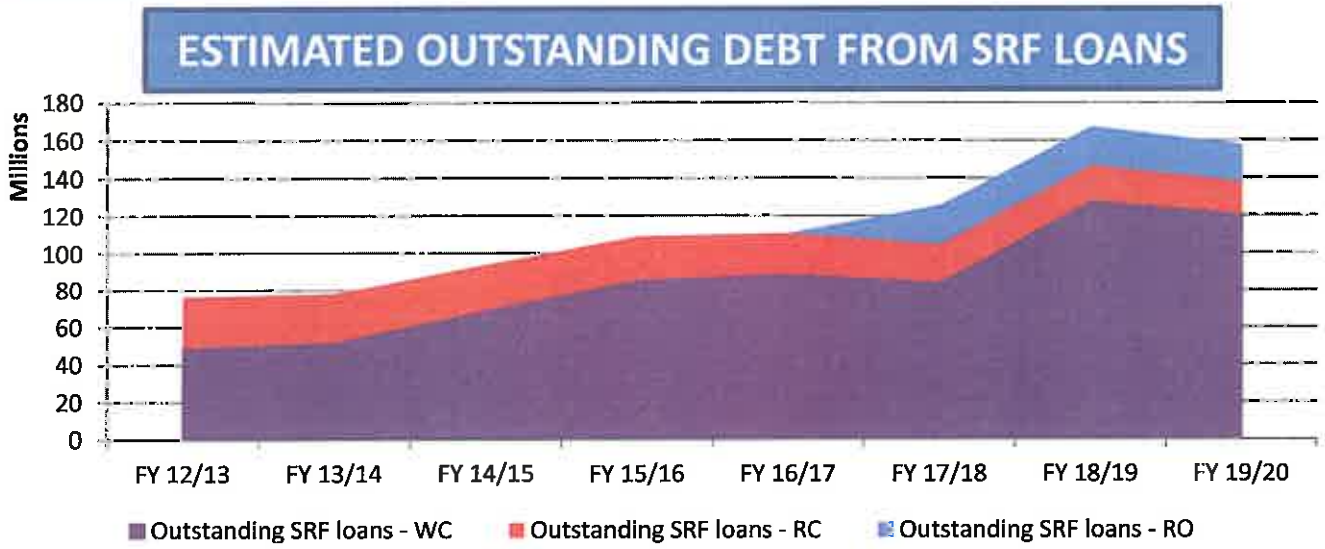
	FY 2015/16	FY 2016/17
Recharge Master Plan Update (RW15003)	$820,000	$3,100,000
Lower Day RMPU (RW15004)	355,000	1,155,000
Ely Basin Turnout Remote Control Upgrade (EN16052)	200,000	400,000
Upper Santa Ana River HCF (RW15002)	80,000	80,000
Major Capital Projects	$1,455,000	$4,735,000

Outstanding Inter-Fund and SRF Loans

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

- Inter- Fund loan re-payment begins FY 2016/17 through FY 2024/25
- $85.9M outstanding SRF loans in FY 2015/16

Inter Fund Loans Issued	Due from Recycled Water (WC) Fund to:	Loan Amount
FY 2007/08	Non-Reclaimable Wastewater (NRW) Fund	$9
FY 2007/08	Regional Wastewater Capital (RC) Fund	3
FY 2009/10	Non-Reclaimable Wastewater (NRW) Fund	6
FY 2014/15	Regional Wastewater Capital Improvement (RC) Fund	10.5
Total	**Grand Total**	**$28.5**



Recommendations

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

- Recommend IEUA Board approval of the:
  - Regional Wastewater Connection Fee for FYs 2015/16 to 2019/20,
  - Recycled Water direct and groundwater recharge rates for FYs 2015/16 to 2019/20, and
- Recommend IEUA Board approval of the biennial budget for FYs 2015/16 and 2016/17 for the:
  - Regional Wastewater Capital Improvement (RC) fund,
  - Regional Wastewater Operating & Maintenance (RO) fund, and
  - Recycled Water (WC) fund.

Key Dates

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Board/Committee/Other	Item	Date
Cost of Service Workshops #1 - #4	Connection Fees and Water Rates Discussion	Nov. 2014 thru Mar. 2015
Joint Technical Committee/Water Manager Meeting	Water Rates and Connection Fee Discussion	1/28/15
Regional Technical Committee	Draft 5 Year Rates, Budget and TYCIP	1/29/15
Special Joint Meeting IEUA Board/Regional Policy Committee	Proposed Rates	2/4/15
Regional Technical / Policy Committee	Proposed Multi- Year EDU Volumetric Rates	2/27/15 & 3/5/15
IEUA Board of Directors	5 Year EDU Volumetric Rate Adoption	3/18/15
Member Agency Meetings	Proposed Rates	January-May
Special Joint Meeting IEUA Board/Regional Policy Committee	Proposed Rates	4/1/15
Regional Technical & Policy Committees	**Regional Wastewater, Recycled Water, and Recharge Water Biennial Budget, Rates/Fees**	**April 30/May 14, 2015**
IEUA Board of Directors	**Adoption of Rates/Fees for Regional Wastewater and Recycled Water Programs**	**May 20, 2015**
IEUA Finance, Legal and Administration Committee	**Final Review of Biennial Budget for All Funds, Rates for Water Resources and Non-Reclaimable Funds**	**June 10, 2015**
IEUA Board of Directors	**Adoption of Biennial Budget for All Funds and Rates for Water Resources and Non-Reclaimable Funds**	**June 17, 2015**


Questions?

INFORMATION
ITEM

3A

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Date: April 30, 2015/May 14, 2015

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Financial Update

RECOMMENDATION

This is an information item for the Regional Committees to review.

BACKGROUND

This item was presented at the IEUA Board of Directors meeting on March 18, 2015.

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Date: March 18, 2015

To: The Honorable Board of Directors

Through: Finance, Legal, and Administration Committee *(3/11/15)*

From P. Joseph Grindstaff
General Manager

Submitted by: Christina Valencia
Chief Financial Officer/Assistant General Manager

Javier Chagoyen-Lazaro
Manager of Finance and Accounting

Subject: FY 2014/15 Second Quarter Budget Variance, Performance Goals Updates, and Budget Transfer

RECOMMENDATION

This is an informational item for the Board of Directors to receive and file.

BACKGROUND

The Budget Variance report presents the Agency's financial performance through second quarter ending December 31, 2014. Exhibit A provides a comparison of actual revenues and expenses against the FY 2014/15 Amended Budget including a discussion of major categories with the most significant variances. Exhibit B provides a progress status of Division and Department Goals and Objectives as established in FY 2014/15 Adopted Budget, Exhibit C presents a summary of Operations and Maintenance (O&M) budget transfers approved by management during the second quarter, and Exhibit D lists Board approved budget amendments and the management approved budget transfers between capital projects and between O&M projects by Agency fund. Attachment A provides the FY 2014/15 financial overview of each of the Agency's programs.

TOTAL REVENUES AND OTHER FUNDING SOURCES

Overall, the Agency received total revenues and other funding sources at the end of the second quarter of $66.8 million, or 40.8% of the Amended budget (Exhibit A detail). The following section highlights key variances:

- ***Connection Fees*** – Member agencies reported a total of 1,231 Equivalent Dwelling Units (EDU) new connections, approximately 40.9% of the budgeted 3,000 EDUs which is equivalent to $6.3 million of the budgeted $15.3 million.

- ***Recycled Water Sales*** – Recycled water sales at the end of the second quarter were $6.5 million. Direct delivery was 14,556 AF, $4.5 million, and groundwater recharge was 4,781 AF, $2.0 million, for 68.3% of the annual budget. Total year to date deliveries of 19,337 AF compared to the 32,000 AF projected for the fiscal year.

- ***MWD LPP Rebate*** –Direct recycled water sales in excess of 3,500 AF and up to 17,000 AF are eligible for the Metropolitan Water District (MWD) Local Project Program (LPP) at a rate of $154/AF, for a maximum amount of $2.1 million per fiscal year. At the end of the second quarter, the total rebate was $1.8 million for 11,704 AF of credit or 86.7% of total budget.

- ***Property Taxes*** – General ad-valorem property tax receipts from the San Bernardino County Tax Assessor (County) for the second quarter were $13.8 million or 34.4% of the annual budgeted amount of $40.2 million. RDA pass through payments are due from the County in January and June.

- ***Grants & Loans*** – Total receipts were $3.5 million or 15.1% of the budget. Delays in construction for the Central/Wineville area recycled water projects accounted for the low receipts which are expected to increase during the third and fourth quarters as construction nears completion. The projects are expected to be complete in July 2015.

- ***Cost Reimbursements*** – Total cost reimbursements were $2.6 million or 48.1% of the annual budget. Reimbursements include $1.7 million from the Inland Empire Regional Composting Authority (IERCA), $0.7 million from Chino Basin Desalter Authority (CDA), and $0.2 million from Chino Basin Watermaster (CBWM). Total cost reimbursement budget of $5.4 million, includes $1.2 million from CDA, $3.5 million from IERCA, and $0.7 million from CBWM for the O&M cost share portion.

- ***Other Revenues*** – Total other revenues were $1.3 million or 26.7% of the annual budget. Other revenues include $0.6 million for the recovery of the deferred 4R capital charges from Non-Reclaimable (NC) fund, $0.2 million from lease payment for the RP-5 Solids Handling Facility, and $0.05 million for other items such as project cost reimbursements, energy capacity rebates and a small gain on the sale of assets. The total other revenue budget of $2.9 million includes $1.2 million inter-fund loan transfer from Water Resource (WW) fund, $1.2 million of recovery from the deferred 4R capital project costs, and $0.5 million of annual lease revenue.

TOTAL EXPENSES AND USES OF FUNDS

The Agency's total expenses through the second quarter were $86.8 million, or 45.9% of the $189.3 million Amended budget. The Amended Budget includes $19.3 million of encumbrances carried forward from FY 2014/15. In accordance with Agency Policy A-81 (Fiscal Year-End Carry Forward of Encumbrances and Related Budget), carry forward encumbrances and budget that are not expended by December 31st of each year are subject to cancellation, unless otherwise approved by Executive Management. As of January 31, 2014, a total of $2.5 million in unspent carry over encumbrances and budget were reversed; $2.5 million from projects and less than twenty thousand dollars from O&M expenses.

	Capital & Special Projects	O&M	Total
Carried Forward – September 2014	$18.0	$1.3	$19.3
Encumbrance Return – January 2015	($2.5)	($0.02)	($2.5)
Total Used or Remaining Encumbrance	**$15.5**	**$1.3**	**$16.8**

Key highlights of expenses are:

- ***Employment Expenses*** – Employment expenses through the second quarter were $17.8 million or approximately 43.5% of Amended Budget. The favorable variance was due to a higher than anticipated vacancy factor. A total of 23 positions were vacant and an additional 15 were on hold at the end of the quarter, equivalent to a 13.1% vacancy factor. Hiring activities are anticipated to increase by March, which will reduce the vacancy factor by fiscal year end.

- ***Chemical Expenses*** – This category expended approximately $2.0 million, or 41.3% of Amended Budget. Chemicals usage was below budgeted projections through the second quarter due to seasonal changes in the usage of sodium bisulfite and installation of new CJ2 analyzers which reduced the need for additional solutions and chemicals as well as to the bulk procurement of iron sponge media at the end of prior fiscal year.

- ***Biosolids Recycling*** – Biosolids expenses at the end of the second quarter were $1.5 million or 42.5% of the budget. The favorable variance was caused by a delay of biosolids disposal due to laboratory testing. Testing is now complete and disposal of biosolids will be scheduled in the third and fourth quarters.

- ***Utilities*** – This category expended $5.1 million or 48.8% of the budget. The slight favorable variance was due to reduced purchases of generated power due to fuel cell maintenance during the first two quarters. Grid electricity usage was higher but was offset by the second quarter average of $0.116/kWh compared to the budgeted rate of $0.120/kWh. Also reducing the overall category variance was natural gas expense with the rate averaging $0.503/therm compared to the budgeted rate of $0.80/therm.

- ***Capital*** - Total project expenditures through the end of the second quarter were $20.4 million or 39.1% of the $52.2 million amended budget. Approximately 54.4% of the quarter to date project costs are related to Recycled Water and 33.8% are related to Regional Wastewater capital pr

- ***Debt Service*** – Total financial and debt service expenses were $28.4 million or 68.4% of the $41.6 million budget through the second quarter, mainly due to the timing of the debt repayment such as the 2005A Bond retirement of $16.2 million paid in November. Interest rate for the 2008B Variable Rate Demands Bonds continues to stay below the budgeted 1% rate, the average year to date actual rate is .046%.

More detailed explanations of significant revenue and expenses are included in the attached Exhibit A.

FUND BALANCES AND RESERVES

Total fund balance for the year ended June 30, 2014 was $151.1 million. The net result through the end of the second quarter is a decrease in total fund balance of $20.0 million resulting in an ending fund balance of $131.1 million.

GOALS AND OBJECTIVES

Exhibit B provides information on division and related department goals and objectives and the status of each through the end of the second quarter. The goals and objectives indicators are measures used to track the volume and complexity of work by type and to track the effort invested to accomplish that work. Staff will use the indicators to justify current resource allocations, requests for additional resources or re-allocation of staff and to track productivity.

BUDGET TRANSFERS AND AMENDMENTS

Exhibit C presents a summary of O&M budget transfers, total of $31,000, approved by management during the second quarter. Exhibit D includes a list of budget transfers and amendments between capital and O&M projects by fund. Total capital project budget transfers of $3.0 million were completed in the second quarter. The Regional Operations (RO) fund requested $1.8 million, Regional Capital (RC) fund requested $0.4 million, Recycled Water (WC) fund requested $0.4 million, and the remaining transfers were requested by the General Administrative

(GG) and the Non-Reclaimable (NC) funds. Total O&M project budget transfers of $0.5 million were primarily in RO ($0.2 million) and WW Funds ($0.1 million).

Additionally, FY 2014/15 Adopted Budget included $400,000 of General Manager (GM) Contingency Account in the RO Fund and $100,000 in the GG Fund to support unexpected and necessary expenses. As of the end of first quarter, $100,000 from GG Fund and $84,000 from RO Fund of the GM Contingency Account has been utilized to support the following activities: $53,000 for the Water Discovery program, $50,000 for WateReuse Research Foundation pledge, $50,000 to cover fees related to the MWH TCE feasibility study, $1,000 to cover labor related to the Wastewater Facilities Update and CEQA project, and $30,000 in legal litigation.

The budget variance analysis report is consistent with the Agency's business goal of *Fiscal Responsibility*; to demonstrate the Agency appropriately funded operational, maintenance, and capital costs.

PRIOR BOARD ACTION

The Board reviewed the Agency's variance report for FY 2014/15 First Quarter Ending September 30, 2014, on December 17, 2014.

IMPACT ON BUDGET

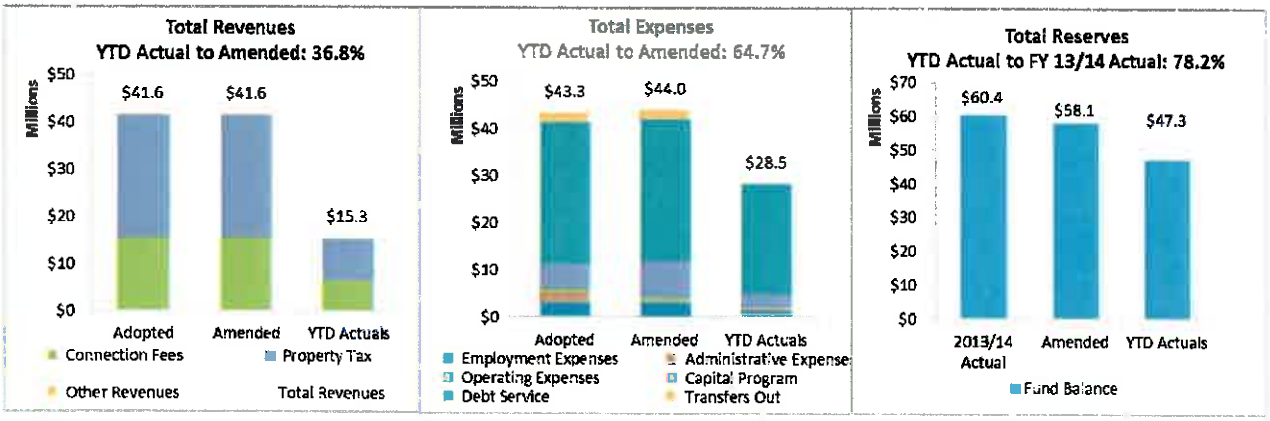
The net shortfall in total revenues over total expenses in the amount of $20.0 million results in a total estimated fund balance of $131.1 million in quarter ended December 31, 2014.

Attachment A:
FY 2014/15 Financial Overview of Agency's programs

FY 2014/15 Total Revenues, Expenses, and Fund Balance -

Regional Wastewater Capital Improvement (RC) Fund

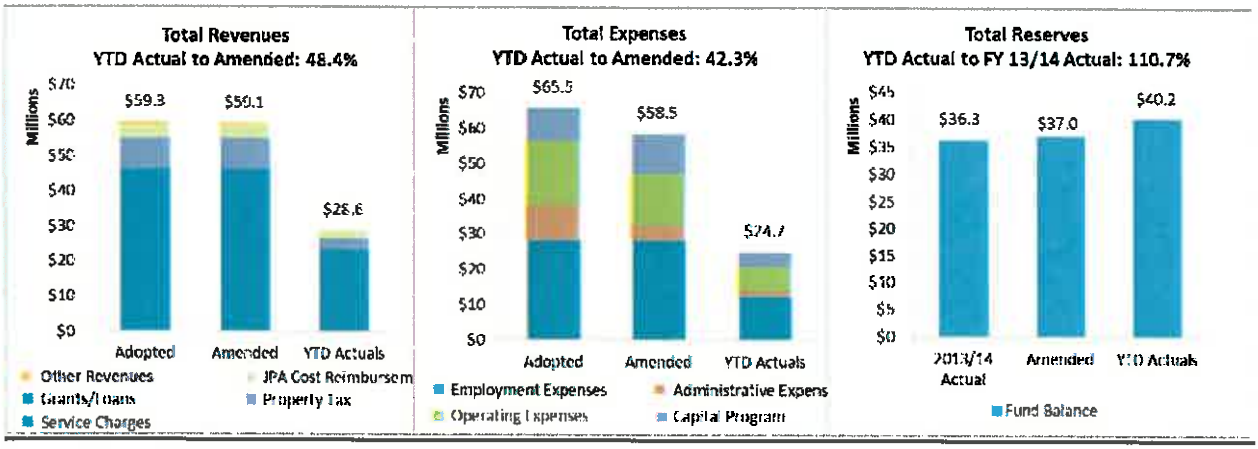
- Second quarter year-to-date fund balance decrease of $13.1 million compared to the FY 2013/14 ending fund balance was primarily due to payment of the 2005A Revenue Bond retirement paid November 2014, coupled with low property tax revenue receipts in the first half of the fiscal year.



FY 2014/15 Total Revenues, Expenses, and Fund Balance –

Regional Wastewater Operations and Maintenance (RO) Fund

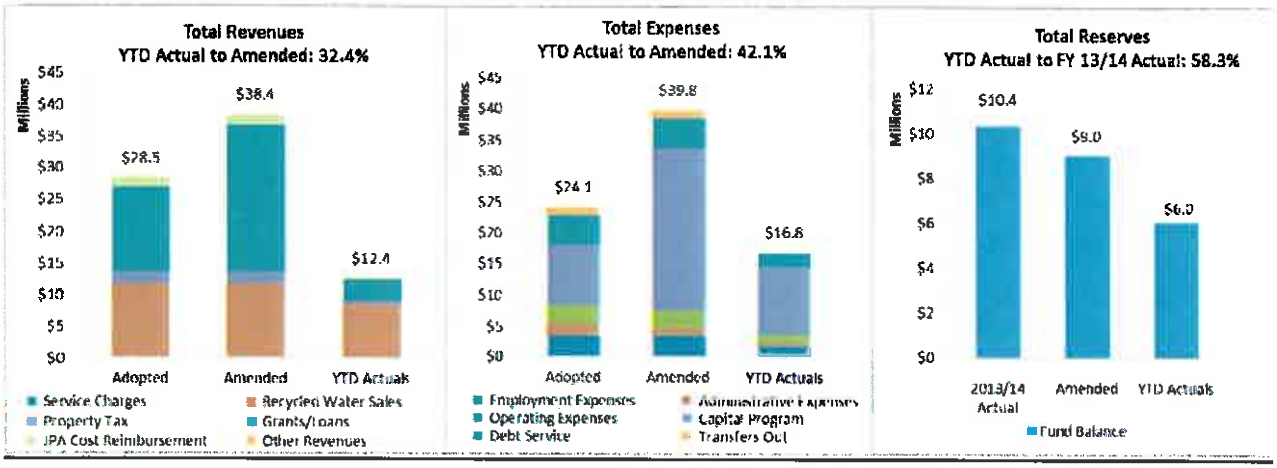
- Second quarter year-to-date fund balance increase of $3.9 million compared to the FY 2013/14 ending fund balance was primarily due to delayed execution of capital Replacement and Rehabilitation (R&R) and O&M projects.



FY 2014/15 Total Revenues, Expenses, and Fund Balance –

Recycled Water (WC) Fund

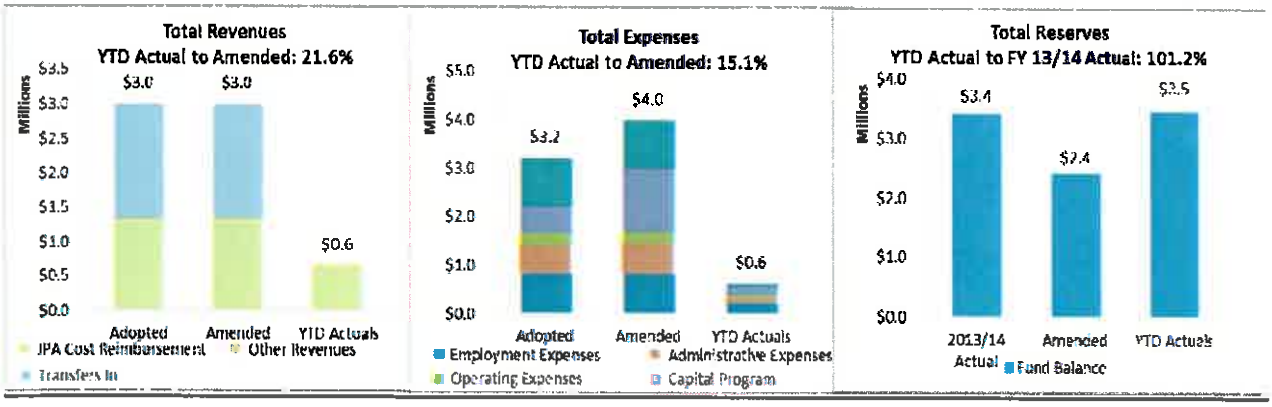
- Second quarter year-to-date fund balance decrease of $4.4 million compared to the FY 2013/14 ending fund balance was primarily due to timing of the property tax revenue and lower SRF loan receipts due to delays in Central/Wineville project costs.



FY 2014/15 Total Revenues, Expenses, and Fund Balance –

Recharge Water (RW) Fund

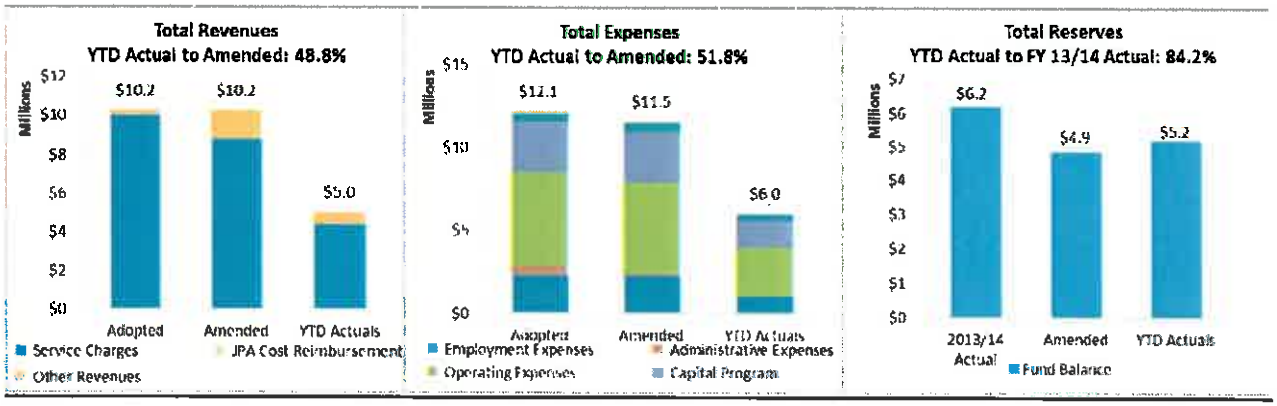
- Second quarter year-to-date fund balance increase of $0.1 million compared to the FY 2013/14 ending fund balance, was due to lower capital and debt service costs.



FY 2014/15 Total Revenues, Expenses, and Fund Balance –

Non-Reclaimable Wastewater (NC) Fund

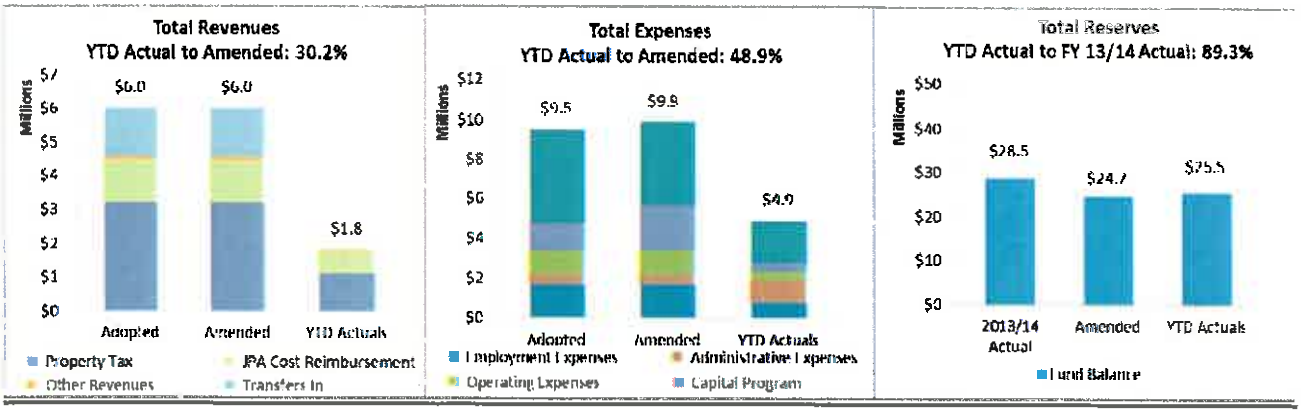
- Second quarter year-to-date fund balance decrease of $1.0 million compared to the FY 2013/14 ending fund balance was primarily due to lower capital and O&M expense in the first half of the fiscal year.



FY 2014/15 Total Revenues, Expenses, and Fund Balance –

Administrative Services (GG) Fund

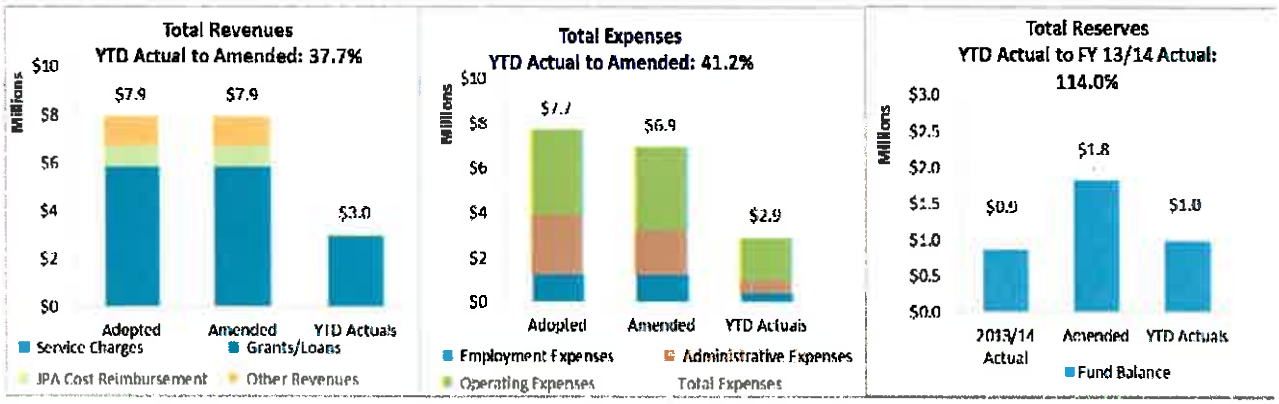
- Second quarter year-to-date fund balance decrease of $3.0 million compared to the FY 2013/14 ending fund balance was primarily due to the timing of property tax receipts, which is the key revenue source for this fund, will be received in quarters three and four.



FY 2014/15 Total Revenues, Expenses, and Fund Balance –

Water Resources (WW) Fund

- Second quarter year-to-date fund balance increase of $0.1 million compared to the FY 2013/14 ending fund balance was primarily due to contributions and sponsorships expense and other contract service expense not being fully utilized during the first two quarters. An increase in both expense items are projected bringing them in-line with budget in the following quarters.



Inland Empire UTILITIES AGENCY

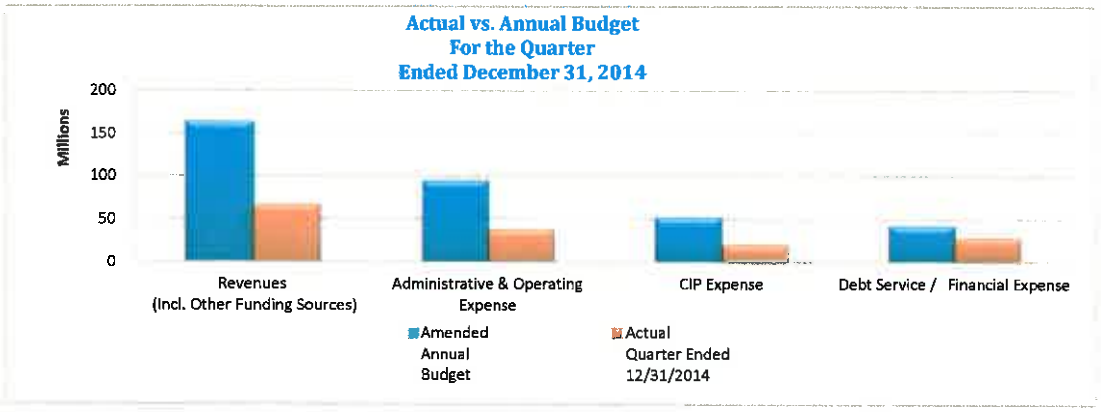
EXHIBIT A

I. **Actual vs. Budget Summary:**

Second Quarter December 31, 2014

% of the Year Elapsed: 50%

	Adopted Annual Budget	Amended Annual Budget	Actual Quarter Ended 12/31/2014	Amended vs. Actual	% of Amended Budget
Operating Revenues	$82,996,623	$82,996,625	$42,969,277	(40,027,348)	51.8%
Non-Operating (Other Sources of Fund)	70,436,544	80,558,184	23,823,313	(56,734,871)	29.6%
TOTAL FUNDING SOURCES	153,433,167	163,554,809	66,792,590	(96,762,219)	40.8%
Administrative & Operating Expense	(91,015,073)	(95,062,947)	(37,612,332)	57,450,614	39.6%
CIP Expense	(29,314,800)	(52,240,546)	(20,412,783)	31,827,763	39.1%
Debt Service / Financial Expense	(41,966,339)	(41,966,339)	(28,794,777)	13,171,562	68.6%
TOTAL USES OF FUNDS	(162,296,212)	(189,269,831)	(86,819,892)	102,449,939	45.9%
Surplus/(Deficit)	(8,863,045)	(25,715,022)	(20,027,301)	5,687,720	77.9%



2. Actual Revenue vs. Budget:

			% of the Year Elapsed: 50%		
	Adopted Annual Budget	Amended Annual Budget	Actual Quarter Ended 12/31/2014	Amended vs. Actual	% of Amended Budget
Operating Revenues:					
User Charges	$61,812,614	$61,812,614	$30,759,831	$31,052,783	49.8%
Recycled Water Sales	9,502,500	9,502,502	6,488,903	3,013,599	68.3%
MWD LPP Rebate	2,079,000	2,079,000	1,802,431	276,569	86.7%
Property Tax - O&M	3,216,278	3,216,278	1,105,602	2,110,676	34.4%
Cost Reimbursement	5,437,786	5,437,786	2,614,330	2,823,456	48.1%
Interest	948,445	948,445	198,181	750,264	20.9%
OPERATING REVENUES	82,996,623	82,996,625	42,969,277	40,027,348	51.8%
Non-Operating Revenues:					
Property Tax - Debt, Capital, Reserves	$36,987,196	$36,987,196	$12,714,420	$24,272,776	34.4%
Connection Fees	$15,321,000	$15,320,999	$6,273,882	$9,047,117	40.9%
Grants & Loans	13,394,355	23,301,249	3,511,828	19,789,421	15.1%
Other Revenue	4,733,993	4,948,740	1,323,184	3,625,556	26.7%
NON-OPERATING REVENUES	70,436,544	80,558,184	23,823,313	56,734,871	29.6%
Total Revenues	$153,433,167	$163,554,809	$66,792,590	$96,762,219	40.8%

User Charges	User charges were $30.7 million, or 49.8% of the Amended Budget. This category includes EDU volumetric fees of $24.2 million, $3.6 million Non-Reclaimable wastewater fees paid by industrial and commercial users connected to the brine line system; $2.4 million for water meter service charge to meet our Readiness-to-Serve obligation from MWD and water use efficiency programs; and $0.5 million for imported potable water surcharge.
Property Tax/ AdValorem	General ad-valorem property tax receipts from the San Bernardino County Tax Assessor are $13.8 million, or 34.4% of budget for the second quarter. RDA pass through payments are due from the County in January and June.
Recycled Water Sales	**Actual direct and recharged recycled sales water at the end of the second quarter were $6.5 million or 68.3% of budget. 14,556 AF of Direct delivery and 4,781 AF GWR delivery. Total deliveries of 19,337 AF compares favorably to the direct and recharge recycled water budget of 32,000 AF. A wet winter season may impact future deliveries due to reduced demand for recycled water and limit the recharge deliveries to groundwater basins.**
Interest Income	Interest Income is approximately 20.9% of the annual budget due to a lower interest rate of return of .046% compared to the budgeted interest rate of .50%.
MWD LPP Rebates	MWD LPP rebate is budgeted at $2.1 million or $154/AF for direct recycled water deliveries up to 17,000 AFY, excluding the initial 3,500 AFY. Total rebate revenue is $1.8 million for 11,704 AF of credit, or 86.7% of total budget through the second quarter.
Connection Fees	Member agencies reported a total of 1,231 new connections, $6.3 million in new EDU connection fees or 40.9% of budget, compared to the annual budget of $15.3 million (3,000 new EDU connections).

Grants and Loans	Total receipts were $3.5 million or 15.1% of the budget; $0.2 million grants and $3.3 million of loan proceeds from SWRCB for the Recycled Water Southern and Central/Wineville Area projects. Amended budget of $23.3 million consists of $20.0 million from the Clean Water State Revolving Fund (CWSRF) Program and $3.3 million from SWRCB/USBR Water Recycling Program for the Southern and Central/Wineville Area projects.
Cost Reimbursements JPA	Total cost reimbursements were $2.6 million or 48.1% of the annual budget. Category actual includes reimbursements of $1.7 million from the Inland Empire Regional Composting Authority (IERCA), $0.7 million from Chino Basin Desalter Authority (CDA), and $0.2 million from Chino Basin Watermaster (CBWM). Total cost reimbursement budget of $5.4 million, includes $1.2 million from CDA, $3.5 million from IERCA, and $0.7 million from CBWM for the O&M portion.
Other Revenues	Total other revenues were $1.3 million or 26.7% of the annual budget. Revenues include $0.6 million for the recovery of the deferred 4R capital charges from Non-Reclaimable (NC) fund and $0.2 million from lease revenue for the RP-5 Solids Handling Facility, $0.5 million for items such as project cost reimbursements, energy rebates and gain on the sale of assets. The total other revenue budget of $2.9 million, includes $1.2 million from Non-Reclaimable Wastewater Fund (NC), $1.2 million inter-fund loan transfer from Water Resource (WW) fund, and $0.5 million of annual lease revenue.

3. Actual Operating and Capital Expense vs. Budget:

	Adopted Annual Budget	Amended Annual Budget	Actual Quarter Ended 12/31/2014	Amended vs. Actual	% of Amended Budget
					% of the Year Elapsed: 50%
Operating Expenses:					
Employment	$40,890,683	$40,890,683	$17,794,470	$23,096,213	43.5%
Admin & Operating	50,124,390	54,172,264	19,817,862	$34,354,402	36.6%
OPERATING EXPENSES	$91,015,073	$95,062,947	$37,612,332	$57,450,615	39.6%
Non-Operating Expenses:					
Capital	29,314,800	52,240,546	20,412,783	$31,827,763	39.1%
Debt Service and All Other Expenses	41,966,339	41,966,339	28,794,777	$13,171,562	68.6%
NON-OPERATING EXPENSES	$71,281,139	$94,206,885	$49,207,560	$44,999,325	52.2%
Total Expenses	$162,296,212	$189,269,831	$86,819,892	$102,449,940	45.9%

Employment Expense

Employment - 43.5%

This category includes both wages and benefits. Employment expenses through the second quarter were $17.8 million or approximately 43.5% of Amended Budget. The favorable variance was due to a higher than anticipated vacancy factor. A total of 23 positions were vacant and an additional 15 were on hold at the end of the quarter, equivalent to a 13.1% vacancy factor which exceeds the Agency's budgeted rate of 5.0%.

Administrative & Operating Expense

Office and Administrative - 12.9%

The favorable variance was mainly due to deferral of computer software licensing, office supplies, recruitment expenses, training, travel related expenses, and avoided election expenses. Training in 3rd quarter includes wastewater, contracts and procurement, and operator certification renewals. This category also includes the GM contingency budget which currently has 60% of budget remaining.

Professional Fees & Services - 25.7%

Favorable variance was due to timing of contract services to be performed, in the subsequent months items such as lab sampling, contract labor for services such as aeration system evaluation and foul air flow measurements, cleaning and repair of groundwater basins, headquarter asphalt repair and painting, and heavy operations housekeeping. Other items which account for the favorable variance include: external audit, actuarial services, landscaping, security and computer system support.

Materials & Supplies/Leases/Contribution - 32.9%

The favorable variance was mainly due to the delay of materials and supply purchases. In the following quarters purchases are expected for item such as disaster preparation supplies, promotional items to promote Earth Day and Solar Cup challenge, and purchase of two groundwater field vehicles.

Biosolids Recycling - 42.5%

Favorable variance was due to the delay of disposal of biosolids due to lab testing and cleaning of the digester. Biosolids disposal is currently being scheduled and will take place during the third and fourth quarters.

Chemicals - 41.3%

Chemicals usage was below budgeted projections due to installation of 24 new CL2 analyzers which reduced the need for additional solutions and chemicals, and seasonal variations were responsible for lowered sodium bisulfite usage. Iron sponge media purchases are anticipated to increase in the 3rd and 4th quarters due to the installation of redundant iron sponge tanks at RP-1.

Operating Fees - 53.2%

Operating fees spending is higher than Q2 spending expectations. Due to an increase in TSS and BOD expense in north system. Also contributing to the unfavorable variance, a majority of annual NPDES and AQMD permit fees were paid during the second quarter.

Utilities - 48.8%

Utilities are just slightly below budget as of the end of Q2. Electricity costs were higher than anticipated for the second quarter as purchases from the grid increased due to lower fuel cell PPA purchases which has been under going maintenance during the first two quarters. However, the increased usage was offset by the actual average of $0.116/kWh compared to the budgeted rate of $0.120/kWh. Also offsetting the higher energy costs was natural gas expense, with actual average rate of $0.503/therm compared to the budgeted rate of $0.80/therm.

Special and Reimbursable Projects - 10.1% and 22%

Special and reimbursable project expenditures are below budget. Combined actual costs were $1.1 million or 12.7% of the amended budget of $8.5 million. The table below provides a summary of the major projects and current status.

Financial Expenses

Financial Expense - 68.4%

Total debt service and financial expenses were $28.4 million through the second quarter, the variance is mainly due to the timing of debt repayment. During the second quarter, the final installment of $16.2 million was paid to retire the 2005A bonds, resulting in the over budget status of this category. The category is expected to remain slightly below budget in the final quarter of the year if the interest rate on the 2008B Variable Rate Demand Bonds continues to stay below the 1% budgeted rate, the average year to date actual rate is 0.046%.

Capital Expense

Capital Costs - 39.1%

Capital expenditures through the second quarter were approximately $20.4 million. Recycled Water projects accounted for approximately 54.4% of costs through the second quarter and 33.8% are related to Regional Wastewater projects. Listed below is a brief status report on some of the major projects currently under construction.

Summary of major capital and special project expenses and status as of December 31, 2014

Capital Project			Amended FY 2014/15	YTD Expenditure	Budgeted Amount Remaining
EN13023	**930 Zone Recycled Water Reservoir**	**Capital Projects**		**5,999,432**	**1,530,312**
	80% of the budget was expended by the end of the second quarter. The purpose of the project is to provide storage in the Southern Service Area and increase pump station capacities. Currently the project is in construction. Last month sewer repair, appurtenances, and street resurfacing on Foxglove were completed. All construction is complete, currently final testing us underway, the project is scheduled to be complete in March 2015.				
EN13038	**RP-1 Outfall Relocation & Upsizing**	**Capital Projects**		**12,457**	**5,187,543**
	Less than 1% of the budget was expended by the end of the second quarter. This project includes the relocation of an existing 30-inch RP-1 Outfall recycled water pipeline outside of its easement into public right-of-way. Due to increasing capacity demand from the City of Ontario, the pipeline will be upgraded to a 72-inch pipeline. Pipe delivery and excavation and grading are to be complete in January, project is expected to be completed in June 2015.				
EN06025	**Wineville Extension Recycled Water Pipeline**	**Capital Projects**		**2,242,658**	**994,092**
	69% of the budget was expended by the end of the second quarter, a budget is expected to go to the Board in February in anticipated of heavy construction activities. The project is to construct a 24 and 20 inch recycled water pipeline from the Wineville Recycled Water Pipeline at Jurupa and Wineville to the RP-3 basins at Beech and Jurupa. The pipeline is located in the cities of Ontario and Fontana. The project consists of approximately 24,000 lineal feet of pipe and will serve recycled water customers as well as provide recycled water for ground water recharge at the RP-3 and Declez Basins. Construction and permitting are currently underway for this project and the project is estimated to be completed in July 2015.				
EN13045	**Wineville Extension Recycled Water Pipeline Segment B**	**Capital Projects**		**417,839**	**2,582,161**
	14% of the budget was expended by the end of the second quarter. The project involves the installation of 2.8 miles of 30" recycled water pipeline in addition to the associated appurtenances. This project is in conjunction with EN06025. Currently permitting and construction are in progress. In December notification to residents and pipe delivery along Marlay was completed, during January installation of pipe is expected. This project is estimated to be complete in July 2015.				
EN13054	**Montclair Lift Station Upgrades**	**Capital Projects**		**467,920**	**2,109,911**
	18% of the budget was expended by the end of the second quarter. The project will work to eliminate the ragging problem at the Montclair Pump Station that arose due to additional flow diverted to RP-1. The project is currently in the construction phase. HVAC redesign has been completed and the complete bypass and outage plan is being finalized. Coordination with SCE should result in an early SCE cut-over. Construction is projected to be finished in March 2015.				
EN11035	**Philadelphia Pump Station Upgrades**	**Capital Projects**		**1,232,262**	**178,480**
	87% of the budget was expended by the end of the second quarter. The project will mitigate problems at the pump station including walls and floor surfaces that will be recoated with a strong resin. Construction in complete and thirty day operational tests are being performed. Project completion is expected in February 2015.				
EN14012	**RP-2 Drying Beds Rehabilitation**	**Capital Projects**		**326,719**	**951,560**
	26% of the budget was expended by the end of the second quarter. The project includes the design, procurement, and installation of drying bed improvements and temporary provisions for dewatering. The project is currently in construction and recent activities include grading of the west side drying beds, projects expected to be completed by April 2015.				

O&M & Reimbursable Projects			Amended FY 2014/15	YTD Expenditure	Budgeted Amount Remaining
WR15022	Water Use Assessments	O&M Projects		-	800,000
	0% of the budget was expended by the end of the second quarter. A DWR grant, to help offset costs, is expected to be awarded sometime between March and June 2015 once the grant has been approved the project is expected to begin. The project will identify water efficiency programs and tools to evaluate municipal water use assessments. This will help identify high water users to target with necessary conservation programs.				
PA15001	Underground Piping Rehabilitation	O&M Projects		-	500,000
	0% of the budget was expended by the end of the second quarter. This project is an annual appropriation for the rehabilitation or repair of the Agency's underground assets. This includes pipes vaults, channels, and process galleries.				
EP15001	RP-1/RP-2 Digester Cleaning Project	O&M Projects		-	630,000
	0% of the budget was expended by the end of the second quarter. The project involves the removal of solids from Wastewater Treatment Facility Digesters to allow for better processing, a reduction of equipment failures, and improvement in process performance. Digester cleaning services contract will be awarded in February 2015 with estimated project completion by fiscal year end.				
WR15005	Residential Landscape Device Retrofit	Reimbursable Proje		81,840	318,160
	20% of the budget was expended by the end of the second quarter. This program is a continuation of the regional landscape audit and monitoring program. The project is a grant-funded program from SAWPA / DWR. New work for the project began in July, and to date there have been 103 sites retrofitted with 158 weather-based irrigation controllers and 2,179 high efficiency nozzles installed. The Residential Landscape Device Retrofit program will continue through FY 2016/17.				
WR14003	Wastewater Facilities Update and CEQA	O&M Projects		214,659	187,044
	53% of the budget was expended by the end of the second quarter. The project includes analysis on future uses of RP-2 and RP-5 solids handling facilities and expansion to the WWTPs, the Recycled Water Program, Recharge Program, Energy Program, and Water Resources Program.				

INLAND EMPIRE UTILITIES AGENCY

Fiscal Year 2014/15

CONSOLIDATED BUDGET VARIANCE ANALYSIS REPORT

Second Quarter December 31, 2014

	Adopted FY 2014/15 Annual Budget	Amended FY 2014/15 Annual Budget	YTD Actual	YTD Variance	YTD % Budget Used
OPERATING REVENUES					
User Charges	$61,812,614	$61,812,614	$30,759,831	($31,052,783)	49.8%
Recycled Water	9,502,500	9,502,502	6,488,903	(3,013,599)	68.3%
MWD LPP Rebates	2,079,000	2,079,000	1,802,431	(276,569)	86.7%
Property Tax - O&M	3,216,278	3,216,278	1,105,602	(2,110,676)	34.4%
Cost Reimbursement from JPA	5,437,786	5,437,786	2,614,330	(2,823,456)	48.1%
Interest Revenue	948,445	948,445	198,181	(750,264)	20.9%
TOTAL OPERATING REVENUES	$82,996,623	$82,996,625	$42,969,277	($40,027,348)	51.8%
NON-OPERATING REVENUES					
Property Tax - Debt, Capital, Reserves	$36,987,196	$36,987,196	$12,714,420	($24,272,776)	34.4%
Connection Fees (CCRA)	15,321,000	15,320,999	6,273,882	(9,047,117)	40.9%
Grants	2,320,000	3,337,654	211,709	(3,125,945)	6.3%
SRF Loan Receipts	11,074,355	19,963,595	3,300,119	(16,663,476)	16.5%
Project Reimbursements	1,969,220	1,969,220	415,978	(1,553,242)	21.1%
Other Revenue	2,764,773	2,979,520	907,206	(2,072,314)	30.4%
TOTAL NON OPERATING REVENUES	$70,436,544	$80,558,184	$23,823,313	($56,734,871)	29.6%
TOTAL REVENUES	$153,433,167	$163,554,809	$66,792,590	($96,762,219)	40.8%
ADMINISTRATIVE and OPERATING EXPENSES					
EMPLOYMENT EXPENSES					
Wages	$22,295,053	$22,295,053	$11,407,942	$10,887,111	51.2%
Benefits	18,595,630	18,595,630	6,386,528	12,209,102	34.3%
TOTAL EMPLOYMENT EXPENSES	$40,890,683	$40,890,683	$17,794,470	$23,096,213	43.5%
ADMINISTRATIVE EXPENSES					
Office & Administrative	$1,513,247	$2,177,860	$280,749	$1,897,112	12.9%
Insurance Expenses	739,000	739,000	303,169	435,831	41.0%
Professional Fees & Services	7,651,114	8,905,404	2,289,833	6,615,571	25.7%
O&M Projects	3,939,500	6,647,348	674,634	5,972,714	10.1%
Reimbursable Projects	1,158,750	1,856,628	408,641	1,447,987	22.0%
TOTAL ADMINISTRATIVE EXPENSES	$15,001,611	$20,326,241	$3,957,025	$16,369,215	19.5%

INLAND EMPIRE UTILITIES AGENCY

Fiscal Year 2014/15

CONSOLIDATED BUDGET VARIANCE ANALYSIS REPORT

Second Quarter December 31, 2014

	Adopted FY 2014/15 Annual Budget	Amended FY 2014/15 Annual Budget	YTD Actual	YTD Variance	YTD % Budget Used
OPERATING EXPENSES					
Material & Supplies/Leases	$2,985,473	$3,555,895	$1,170,425	$2,385,470	32.9%
Biosolids Recycling	3,633,660	3,607,924	1,535,114	2,072,810	42.5%
Chemicals	4,629,380	4,779,463	1,973,688	2,805,775	41.3%
CSDLAC & SARI, Operating Fees/Water	13,349,199	11,371,674	6,044,713	5,326,961	53.2%
Utilities	10,525,067	10,531,067	5,136,897	5,394,170	48.8%
TOTAL OPERATING EXPENSES	$35,122,779	$33,846,023	$15,860,837	$17,985,186	46.9%
TOTAL ADMINISTRATIVE *and OPERATING EXPENSES*	$91,015,073	$95,062,947	$37,612,332	$57,450,614	39.6%
NON-OPERATING EXPENSES					
CAPITAL OUTLAY	$29,314,800	$52,240,546	$20,412,783	$31,827,763	39.1%
FINANCIAL EXPENSES					
Principal, Interest and Financial Expenditures	41,572,489	41,572,489	28,421,503	13,150,986	68.4%
OTHER NON OPERATING EXPENSES	393,850	393,850	373,274	20,576	94.8%
TOTAL NON-OPERATING EXPENSES	$71,281,139	$94,206,885	$49,207,560	$44,999,325	52.2%
TOTAL EXPENSES	$162,296,212	$189,269,831	$86,819,892	$102,449,939	45.9%
REVENUES IN EXCESS/ (UNDER) EXPENSES	($8,863,045)	($25,715,022)	($20,027,301)	($5,687,722)	
FUND BALANCE SUMMARY					
Beginning Balance, July 01	$146,164,676	151,081,114	$151,081,114	$0	
Surplus/ (Deficit)	(8,863,045)	(25,715,022)	($20,027,301)	(5,687,722)	
ENDING BALANCE, June 30	$137,301,631	$125,366,092	$131,053,814	$5,687,722	

Business Goals & Objectives Report By Department

2/18/2015

Department: ALL
Report Month:January : Year:2015

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
Contracts and Facilities Services														
10	FY 2014/15	Quarterly	Finance and Administration	A	Continue commitment to cost containment for operating and capital costs	Maintain competitive purchasing programs consistent with the Agency Procurement Ordinance.	June-2015	Increase of 5% in cost savings	Warren Green	January	2015	On Schedule	No	Cost savings of $202,244 was realized in the second quarter of FY 2014/15.
25	FY 2014/15	Quarterly	Finance and Administration	A	Conduct or participate in a consortium to compile performance measures for agencies across the state that will serve as a benchmarking tool to drive awareness of strengths and opportunities for improvement by June 2016	Expand best management practices in the contract and procurement processes.	June-2015	Increase in performance measurements.	Warren Green	January	2015	On Schedule	No	Staff attended the cooperative purchasing meeting on October 14, 2014, hosted by EMWD. Staff benchmarked Planning, Engineering and Maintenance staff to identify items that might fit with a cooperative purchase. A follow-up meeting is set for January 19, 2015, at IEUA's Event Center.
25	FY 2014/15	Quarterly	Finance and Administration	A	Conduct or participate in a consortium to compile performance measures for agencies across the state that will serve as a benchmarking tool to drive awareness of strengths and opportunities for improvement by June 2016	Expand best management practices in the contract and procurement processes.	June-2015	Increase in performance measurements.	Warren Green	January	2015	On Schedule	No	Approximately 94 percent of purchase orders issued during the first half of FY 2014/15 were processed within CAPs service level objectives lead-time.
69	FY 2014/15	Quarterly	Finance and Administration	C	Identify and participate in organizations that advance the Agency's mission, vision and key initiative	Continue to network with professional groups for the respected areas of CFM.	July-2015	Attend at least 5 training sessions/meetings for CAPPO and ARMA.	Warren Green	January	2015	On Schedule	No	CFS staff continues to participate in their professional associateions: attending relevant training when practical to ensure staff keeps up with best practices.
19	FY 2014/15	Quarterly	Finance and Administration	A	Transition to a biennial budget beginning July 1, 2015	Establish new contracts and amendments to emphasize multi-year fixed price terms.	July-2015	50% of newly issued applicable contracts	Warren Green	January	2015	On Schedule	No	
19	FY 2014/15	Quarterly	Finance and Administration	A	Transition to a biennial budget beginning July 1, 2015	Establish new contracts and amendments to emphasize multi-year fixed price terms.	July-2015	50% of newly issued applicable contracts	Warren Green	January	2015	On Schedule	No	Contracts staff continues to discuss the benefits of managed spend with our customers; seeking longer term, multi-year fixed priced contracts. Staff negotiated several amendment extensions through December 2016, over the last quarter.

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
103	FY 2014/15	Quarterly	Finance and Administration	F	Ensure Agency programs promote environmental stewardship, sustainability, and preservation of heritage measures, utilizing green procurement and reuse of surplus materials, equipment, and parts when possible	Identify educational opportunities for environmentally friendly facilities and landscapes.	June-2015	Increase educational signage for Agency facilities where accessible by the public by 15%.	Warren Green	January	2015	On Schedule	No	Signage is being identified for the park in partnership with the External Affairs Department for the Water Discovery Program and public tours. This will be a multi-phase project that will lead into the next fiscal year. Signage for the new HQ A frontage landscape is being determined and will be reviewed by the External Affairs Department. Regional Plant No.5 frontage will have new location signage to stay consistent with the current aesthetic from Regional Plant No.4. This design will be incorporated into the Beautification Project benchmark. Partnered with the External Affiars Department to create educational signage for the Regional Plant No. 5 for educational tours.
105	FY 2014/15	Quarterly	Finance and Administration	B	Ensure staff understands and upholds their role in achieving the Agency's Mission, Vision, and Values	Conduct Agency training on department processes that are in line with the Agency's MVV's.		Conduct at least 3 sessions for 3 related topics.	Warren Green	January	2015	On Schedule	No	Staff has completed training on the Email Management through Managed Folders. RM staff is on target for the 3/15/2015 "Go Live" target date.
105	FY 2014/15	Quarterly	Finance and Administration	B	Ensure staff understands and upholds their role in achieving the Agency's Mission, Vision, and Values	Conduct Agency training on department processes that are in line with the Agency's MVV's.		Conduct at least 3 sessions for 3 related topics.	Warren Green	January	2015	On Schedule	No	Staff is collaborating with Maintenance to deliver refresher training and lesson's learned from recent procurements.
108	FY 2014/15	Quarterly	Finance and Administration	C	Replace the legacy Document Management System to ensure it meets Agency-wide and regulatory public records requirements and eliminates redundant archiving systems by December 2015	Implement the new Document Management System and the Agency's taxonomy.	July-2016	Reduce time spent on production of records by improving the location and retrieval time by 20%.	Warren Green	January	2015	On Schedule	No	The RFP review of consultants for the ECM project has begun.Consultant scheduled to begin ECM project roadmap on March 9th. RM staff will present Taxonomy project to Agency managers at the managers meeting in February.
112	FY 2014/15	Quarterly	Finance and Administration	F	Develop a communication plan to promote being a good neighbor by June 2015	Ensure all current and future landscaping, and new facilities are in cooperation with current LEED and water-efficiency programs and advancements.	June-2015	100% of new landscaping design and material, along with facility design are measured against programs.	Warren Green	January	2015	On Schedule	No	The Agency-wide Beautification project is moving forward with RP-4 portion getting completed to meet the projects standards. The design and install of the new water-efficient landscape for HQ A was completed in December 2014. The RP-5 water-efficient landscape design is 70% complete with the first review completed by internal staff stakeholders.

Engineering

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
95	FY 2014/15	Quarterly	Engineering, Planning and Science	E	Provide engineers training to understand business aspects of capital projects and increase engineering consultant design services in lieu of in-house designs to complete more projects in a shorter timeframe by July 2015	Provide high quality project management for the completion of Capital Improvement Projects	FY 2014/15	Design Schedule on time >=80% Complete Construction Schedule on time >=80% Project Costs within initial Total Project Budget >=90% Project Costs within Initial Fiscal year Project Budget >=90% All Expenditures as a Percentage of Forecasted Expenditures >=90% Change Orders as a percentage of initial contract award value<=10%	Majid Karim	January	2015	On Schedule	No	Completed Design Schedule on time = 75%, Completed Construction Schedule on time = 77% Project, Costs within initial Total Project Budget = 86%, Project Costs within Initial Fiscal year Project Budget 29%, All Expenditures as a Percentage of Forecasted Expenditures =74%, Change Orders as a percentage of initial contract award value = 15%
2	FY 2014/15	Monthly	Engineering, Planning and Science	E	Conduct Lesson's Learned sessions to evaluate key construction implementations	Review and evaluate all projects for best practices that can be applied to future projects	Monthly	10x/year>=90%	Majid Karim	January	2015	On Schedule	No	1 Session: RP2 Digester No 4 Dome Improvements, Gary Dix
Finance and Accounting														
6	FY 2014/15	Quarterly	Finance and Administration	A	Integrate projects identified in the long range financial planning documents, such as the Facilities Wastewater Master Plan, Technology Master Plan, Energy Plan, and the Integrated Resources Plan, into the operating and capital budget by July 2016	Work with pertinent departments in identifying projects from various master plan and integrated into the respective program budget	December - April	None	Javier Chagoyen -	January	2015	On Schedule	No	Worked with Planning and Compliance Department and consultants in the development of Water rate structure, reviewing and analyzing data and reports provided by consultants
8	FY 2014/15	Quarterly	Finance and Administration	A	Continue commitment to cost containment for operating and capital costs	Collaborate with various department in identifying cost containment items and monitoring the performance through regular budget variance review	Throughout the fiscal year	None	Javier Chagoyen -	January	2015	On Schedule	No	Reviewed with Division/departments on FY 2014/15 First quarter budget variances and presented the analysis report to the board in December 2014
Internal Audit														
12	FY 2014/15	Quarterly	Agency Management	A	Continue commitment to cost containment for operating and capital costs	Promote a strong control environment by conducting independent and objective audits of Agency operations where the focus and audit scope includes identifying areas and providing recommendations for cost containment, effectiveness and efficiency in operations and opportunities to improve and areas of cost	On-going and through the audits approved by the Audit Committee and the Board during the Annual Audit Plan presentation	Completed planned and scheduled audits. Feedback from stakeholders.	Teresa Velarde	January	2015	On Schedule	No	Completed scheduled audits and On-going. Audits approved by the Board through the Annual Audit Plan are in progress as scheduled.

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
16	FY 2014/15	Quarterly	Agency Management	A	Amend the Regional Sewerage Service Contract to provide more flexibility in the use of property taxes by July 2015	Complete the Regional Contract Review and provide recommendations to improve the consistent and fair application of the Regional Contract requirements among all Regional Contract Agencies. Additionally, provide recommendations to Agency management to improve and clarify clauses and requirements of the contract to negotiate a new contract going forward. Complete the evaluation of the connection and monthly sewer rate calculations, as well as Exhibit J application, as well as RCA's internal processes and procedures, supporting documentation to determine if these meet the intent and requirements of the contract.	Complete by December 2014.	Board of Director filing of the final report by December 2014.	Teresa Velarde	January	2015	On Schedule	No	On-Schedule and on-going. Completed 4 of the 7 member agency audits and have documented results in audit reports submitted to the Board and Executive Management. Continuously provide updates and information related to audit findings. IA continues to work with the remaining 3 member agencies.
34	FY 2014/15	Quarterly	Agency Management	B	Ensure staff understands and upholds their role in achieving the Agency's Mission, Vision, and Values	Promote a strong control environment by conducting independent, objective audits of Agency operations where the scope of the audits incorporate evaluating that Agency processes and systems comply with the Agency's Mission, Vision, Values, best practice operations, processes and programs, as well as senior management input, as the criteria against which to measure performance and results. Internal Audits are to provide an independent and objective opinion, and feedback on how closely the criteria, Agency policies, procedures, including Mission, Vision and Values are met, followed or understood. Provide recommendations to the appropriate personnel where to address gaps identified.	On-going. Through the audits approved by the Audit Committee and the Board	Feedback from auditees, senior/Executive Management, the Audit Committee Advisor, and the Audit Committee and/or Board of Directors.	Teresa Velarde	January	2015	On Schedule	No	IA has 3 professional senior-level internal auditors that uphold the values of the Institute of Internal Auditors and the values of IEUA. Internal Audits are to provide an independent and objective opinion, and feedback on how closely the criteria, Agency policies, procedures, including Mission, Vision and Values are met, followed or understood. Provide recommendations to the appropriate personnel where to address gaps identified.

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
35	FY 2014/15	Quarterly	Agency Management	B	Ensure staff understands and upholds their role in achieving the Agency's Mission, Vision, and Values	Consult and assist all levels of staff, management and Executive Management by providing audit recommendations to improve efficiencies and comply with Agency policies and procedures, as well as for improvement of practices, to strengthen controls, and incorporate best practices. Assist in providing training or coordinating roundtable discussions with the necessary levels of staff.	On-going. Through the audits approved by the Audit Committee and the Board	Feedback from auditees, senior/Executive Management, the Audit Committee Advisor, and the Audit Committee and/or Board of Directors.	Teresa Velarde	January	2015	On Schedule	No	The IAD is composed of very professional auditors that understand the value of the work and quality of work to the organizations. Internal auditors consult and assist all levels of staff, management and Executive Management by providing audit recommendations to improve efficiencies and comply with Agency policies and procedures, as well as for improvement of practices, to strengthen controls, and incorporate best practices. Assist in providing training or coordinating roundtable discussions with the necessary levels of staff.
38	FY 2014/15	Quarterly	Agency Management	B	Develop a plan to conduct a feedback study to measure employee satisfaction by December 2014	Perform a survey of auditee/customer satisfaction at the conclusion of each audit project to gather information about auditor involvement, professionalism, knowledge and ability to communicate to gain information on continuous improvement.	After each completed audit/project.	Feedback from customers.	Teresa Velarde	January	2015	On Schedule	No	After each audit, hold discussions with the auditees. Quarterly, make presentations to the Audit Committee and assess their satisfaction with the audit results through the discussions.
44	FY 2014/15	Quarterly	Agency Management	B	Uphold a strong internal control environment by conducting independent objective internal and external audits of Agency finances and operations	Per direction or approval by the Audit Committee and Board, and through coordination with senior management, Internal Audit would identify areas "program audits" or areas for audit where the goal and scope are to measure the performance of a program, a process, or a service or compare results to program goals and identify areas for improvement, and make recommendations to improve efficiencies.	Ongoing and through approved audits as approved through the Annual Audit Plan.	Completed audits and feedback from stakeholders.	Teresa Velarde	January	2015	On Schedule	No	Evaluating risk areas and planning/scheduling audits is an on-going process. Per direction or approval by the Audit Committee and Board, and through coordination with senior management, Internal Audit identify areas for audit where the goal and scope are to measure the performance of a program, a process, or a service or compare results to program goals and identify areas for improvement, and make recommendations to improve efficiencies.

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
21	FY 2014/15	Quarterly	Agency Management	A	Initiate discussions to revise and renew the Regional Sewerage Service Contract set to expire in 2023 by January 2018	Complete the Regional Contract Review and provide recommendations to improve the consistent and fair application of the Regional Contract requirements among all Regional Contract Agencies. Additionally, provide recommendations to Agency management to improve and clarify clauses and requirements of the contract to negotiate a new contract going forward. Complete the evaluation of the connection and monthly sewer rate calculations, as well as Exhibit J application, as well as RCA's internal processes and procedures, supporting documentation to determine if these meet the intent and requirements of the contract.	Complete by December 2014.	Board of Director filing of the final report by December 2014.	Teresa Velarde	January	2015	On Schedule	No	Completed the review of 4 of the 7 member agency and provided to-date, 23 audit recommendations to Executive Management to consider in moving forward with amending the contract and in contract administration processes. Continue to work with the remaining 3 member agencies as scheduled.
Laboratory														
9	FY 2014/15	Quarterly	Engineering, Planning and Science	A	Continue commitment to cost containment for operating and capital costs	Evaluate and Implement new technologies for laboratory analyses as they become available.	Ongoing	None	Nel Groenveld	January	2015	On Schedule	No	evaluating BOD calculation option for LIMS
147	FY 2014/15	Once Complete	Engineering, Planning and Science	B	Promote a safer work environment by administering and monitoring required safety and regulatory trainings	Meet the bi-weekly safety tailgate meeting requirement.	All required topics completed by each December.	Document training	Nel Groenveld	January	2015	On Schedule	No	2014 safety tailgates completed by end of calendar year
31	FY 2014/15	Quarterly	Engineering, Planning and Science	A	Annually, promote superior customer service when working internally with colleagues	• Meet efficient and effective sample turnaround times (TAT) • Respond to rush sample requests and special sample requests as needed.	Daily as needed	Compliance results are approved in LIMS within the following TATs: • PTSC: average 20 days • NPDES: 10th of month following receipt of sample • DS-1 & GWR: 10th of month following analyses	Nel Groenveld	January	2015	On Schedule	No	Meeting all targets. PTSC reporting averaging 16 days, data submitted to CDPH and NPDES on time.
Maintenance														
93	FY 2014/15	Quarterly	Operations	E	Ensure reliability of Agency assets by annually implementing the asset management monitoring and assessment program (Asset Management Plan)	Conduct major condition assessments annually	Complete condition n assessment of underground process piping at RP-1 by end of FY14/15 Complete RP-1 headworks condition assessment by end of the second quarter FY14/15	Complete at least five major condition assessments	Francis Concemino	January	2015	On Schedule	No	RP-1 condition assessment will be performed during the RP-1 headworks rehab, which is currently scheduled in April 2015. Condition assessment of major assets at RP-4 is completed. Condition reports expected from the consultants by end of January 2015. Repair or rehab recommendations will be submitted to Technical Services for review and project prioritization in AMP.
Operations														

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
84	FY 2014/15	Quarterly	Operations	D	Develop and implement Recycled Water Peak Demand Management Plan to optimize efficient use of recycled water by June 2015	Develop written RW storage and delivery strategies to meet department forecasts of diurnally variable RW supplies and seasonally variable RW demands.	November-2014	Written strategies and forecasts developed by RW and GWR staff by December 1, 2014	Jason Marseilles	January	2015	Behind Schedule	No	Operational strategies have been created and SOP's are being created. Draft SOP's are anticipated to be distibuted in March 2015 for review by key Agency personnel. Department goal is to have written SOP's for the beginning of the 2015 peak RW season.
85	FY 2014/15	Quarterly	Operations	D	Develop and implement Recycled Water Peak Demand Management Plan to optimize efficient use of recycled water by June 2015	Develop RW GWR SCADA improvements that implement the storage and delivery strategies by working the DCS Department	May-2015	System Improvement request to DCS Department by March 15, 2015	Jason Marseilles	January	2015	On Schedule	No	The RW system has the ability to operate the RP-4 1158 RWPS, RP-1 1158 RWPS, CCWRF 930 RWPS, and RP-5 800 RWPS in level control mode. This maximizes the amount of RW delivered to the RW distribution system. RW staff is reviewing 2014 peak RW demand operations to develop a list of improvement projects. The list will be reviewed internally by key operations staff in March 2015 and then forwarded to DCS for implementation.
86	FY 2014/15	Quarterly	Operations	D	Develop and implement Recycled Water Peak Demand Management Plan to optimize efficient use of recycled water by June 2015	Continue weekly Peak Demand Management Meetings with key operations staff for start of CY2015 Peak Demand season	June 30, 2015	Demand Management meetings scheduled in Outlook by March 31, 2015	Jason Marseilles	January	2015	On Schedule	No	Weekly demand management meetings were held through October 2014 with key operations personnel to ensure maximum operation of all Recycled Water facilities. Weekly demand management meetings will continue in April 2015 in preparation for the 2015 peak demand season.
78	FY 2014/15	Quarterly	Operations	D	Optimize IEUA's use of potable and recycled water by July 2016	Establish potable and recycled water baseline monitoring plan for all Agency facilities.	FY 2014/15	One facility per quarter	Matt Melendrez	January	2015	On Schedule	No	Potable water and utility water flow meters are being monitored for RP-5,CCWRF and RP-2. Capital improvement projects have been established to add utility water flow meters at RP-1 and RP-4.
157	FY 2014/15	Once Complete	Operations	E	Develop a design concept for the proposed South Compost Facility by December 2014	Conduct a feasibility study for the South Compost Facility	Complete feasibility study by September 2014	Not applicable	Jeff Ziegenbein	January	2015	On Schedule	No	South Compost Facility Feasibility Study was completed and submitted in May 2014.
101	FY 2014/15	Quarterly	Operations	F	Annually review and update Key Performance Indicators (KPI's) to monitor and comply with all regulatory requirements	Review and update all facility KPI's	FY 2014/15	1 Facility per Quarter	Chander Letulle	January	2015	On Schedule	No	Operations KPI's for all facilities were reviewed, standardized and updated. All Operations facility KPI's are monitored daily and reviewed monthly to ensure compliance with regulatory requirements and optimization goals.
102	FY 2014/15	Quarterly	Operations	F	Annually review and update the Emergency Response and Operational Plans for all facilities	Support Human Resources and Safety Department in the review and update of the Emergency Response and Operational Plans for all facilities.	FY 2014/15	1 Facility per Quarter	Chander Letulle	January	2015	Behind Schedule	No	Human Resources established completion of this goal for FY 2015/16. Operations facility specific plans are being developed to support the larger Agency wide Emergency Response Plan. The first Operations plan is for RP-1 and it will be completed by March 2015.
98	FY 2014/15	Quarterly	Operations	F	Strive for 100% use of Agency bi-products by 2021	Ensure all treatment standards are met to maximize availability of recycled water	FY 2014/15	Attain 100% NPDES Compliance	Matt Melendrez	January	2015	On Schedule	No	Based on the Engineering, Planning and Science Department's 2014 Environmental Compliance Incident Report all Operations facilities achieved 100% NPDES Compliance and AQMD Compliance for the 2nd Quarter of FY 2014/15.
99	FY 2014/15	Quarterly	Operations	F	Strive for 100% use of Agency bi-products by 2021	Maximize use of biosolids by sending 90% of organics to IERCF	FY 2014/15	Send 90% of organics to IERCF	Matt Melendrez	January	2015	On Schedule	No	Greater than 90% of RP-1 and RP-2 Biosolid loads were sent to IERCF during the 2nd Quarter of FY 2014/15.

Planning and Environmental Compliance

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
100	FY 2014/15	Quarterly	Engineering, Planning and Science	F	Lead efforts to advocate for emerging trends and proposed changes to rules and regulations	Active participation into the legislative process through advise letters, comments.	Ongoing	Participate in local water/wastewater/air regulatory and association committee meetings.	Sylvie Lee	January	2015	On Schedule	No	Actively participating and support comments letters as issues arise through organizations such as WateReuse, ACWA, etc.
96	FY 2014/15	Quarterly	Engineering, Planning and Science	E	Complete an Agency-wide greenhouse gas emission (GHG) baseline assessment using the Climate Registry protocol to allow the Agency to sell credits by July 2016	• Complete GHG emission baseline • Develop GHG reduction plan consistent with the Energy Management Plan • Measure GHG reduction (tons CO2 eq/yr) work plan needs to be reworded - agency does not sell credits	July-2016	Complete the GHG emission baseline July 2014	Sylvie Lee	January	2015	On Schedule	No	Completed
97	FY 2014/15	Quarterly	Engineering, Planning and Science	F	Develop a communication plan to promote being a good neighbor by June 2015	Perform odor monitoring, assist Operations, External Affair during complaints investigation and mitigation	Ongoing	Perform periodic/as needed odor monitoring	Sylvie Lee	January	2015	On Schedule	No	RP-5 SHF odor monitoring conducted weekly
154	FY 2014/15	Once Complete	Engineering, Planning and Science	D	Accelerate implementation of capital projects where appropriate to "drought proof" regional water supplies and optimize use of available federal and state grants and low interest rate financing	Develop project list and implement based on priority	continuous	Keep updated project list and be coordinated with member agencies	Sylvie Lee	January	2015	On Schedule	No	placeholder for identified drought projects titled "local resources resiliency projects" in TYCIP. Dialog to identify and refine projects is ongoing with MA's.
154	FY 2014/15	Once Complete	Engineering, Planning and Science	D	Accelerate implementation of capital projects where appropriate to "drought proof" regional water supplies and optimize use of available federal and state grants and low interest rate financing	Develop project list and implement based on priority	continuous	Keep updated project list and be coordinated with member agencies	Sylvie Lee	January	2015	On Schedule	No	REquest for project updates and review sent to member agencies on 01/06/15
155	FY 2014/15	Once Complete	Engineering, Planning and Science	D	Advocate strategies that help anticipate and mitigate the impacts of droughts and climate change on the region	Develop strategies in the IRP	December-2014	Adoption of IRP; ensure the goals of the 2010 UWMP are met	Sylvie Lee	January	2015	Behind Schedule	No	Estimated completion for IRP is August 2015. Goals and Objectives to be complete by 02/30/15
158	FY 2014/15	Once Complete	Engineering, Planning and Science	F	Complete odor baselines report by June 2015	Coordinate odor survey and develop baseline report	June-2015		Sylvie Lee	January	2015	On Schedule	No	Odor surveys continuing; Odor baseline report in process - draft expected by end of first quarter.
164	FY 2014/15	Once Complete	Engineering, Planning and Science	D	Integrate water supply, water efficiency, storm water management, energy efficiency, water quality and land use measures to promote sustainable watershed management	• Complete Integrated Resources Plan • Complete Water Use Efficiency Business Plan • Complete 2015 Urban Water Management Plan • Coordinate the implementation of Recharge Master Plan Update • Complete the Recycled Water Program Strategy • Complete Wastewater Facilities Master Plan	•Dec 2014 • June 2015 • June 2016 • June 2020 • Sep 2014 • Sep 2014	Completion and coordination of said documents	Sylvie Lee	January	2015	On Schedule	No	2015 WUE Business Plan update is approximately 60% complete. Scope of work was expanded in November 2014 and plan completion scheduled has been extended to June 30, 2015. RWPS has been drafted, estimated completion is March 2015. IRP estimated completion is August 2015. UWMP 2015 Guidelines are under development.
81	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Identify and evaluate supplemental water supplies for the region by October 2014	Complete the IRP	December-2014	Completion of the IRP	Sylvie Lee	January	2015	Behind Schedule	No	Addtional studies being performed to identify impacts to Chino Basin caused by WUE, water use and changes in basin management. Estimated completion of IRP is August 2015.
82	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Work with other agencies on the implementation of local regional programs to meet the region's goal of reaching 50,000 AFY of recycled water use by June 2022	Develop planning documents and regulatory permitting strategy to support the implementation plan as identified in the RWPS and IRP	June-2015	Development of Permitting Strategy of the IRP/RWPS	Sylvie Lee	January	2015	On Schedule	No	PEIR of the planning documents will commence at the completion of the IRP. Expected start date of the PEIR is July 2015

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
83	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Develop and implement Recycled Water Peak Demand Management Plan to optimize efficient use of recycled water by June 2015	Develop a plan for peak management Work with member agencies to encourage new development to connect to RW	Continuous	Development of plan and member agency communication	Sylvie Lee	January	2015	On Schedule	No	continuing dialogues with member agencies and their customers as needed to help connect new customers, and support demand management initiatives
70	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Complete update of the Water Use Efficiency Business Plan by December 2014, the Integrated Resources Plan by October 2014, and the Urban Water Management Plan by June 2016	Integrated Resources Plan	December-2014	Adoption of the documents	Sylvie Lee	January	2015	Behind Schedule	No	Water Use Efficiency Scope of Work was expanded, along with added modeling efforts to depict basin management. Estimated completion date is August 2015.
71	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Complete update of the Water Use Efficiency Business Plan by December 2014, the Integrated Resources Plan by October 2014, and the Urban Water Management Plan by June 2016	Urban Water Management Plan	June-2016	Adoption of the documents	Sylvie Lee	January	2015	On Schedule	No	No update, staff attending DWR workshops on development of 2015 guidelines
72	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Complete update of the Water Use Efficiency Business Plan by December 2014, the Integrated Resources Plan by October 2014, and the Urban Water Management Plan by June 2016	Recycled Water Program Strategy	December-2014	Adoption of the documents	Sylvie Lee	January	2015	Behind Schedule	No	Draft document has been developed. Member Agency discussions have been delayed. Plan expected to be finalized and adopted by March 2015
73	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Develop new targets and programs to achieve 20 x 2020 requirement through water use efficiency measures, including: improve rate structures, integrate water use into billing, expand outdoor water use efficiency, and increase local use of stormwater by December 2014	Develop tools to target the 2020 requirements	June-2015	226 gpcd by 2015 <200 gpcd by 2018	Sylvie Lee	January	2015	On Schedule	No	Water Use Efficiency Business Plan is approximately 60% complete. Scope of Work was expanded in November and completion date has been extended to June 30, 2015.
77	FY 2014/15	Quarterly	Engineering, Planning and Science	D	Optimize IEUA's use of potable and recycled water by July 2016	Complete the Recycled Water Program Strategy and begin the implementation plan	December-2014	Completion of RWPS	Sylvie Lee	January	2015	Behind Schedule	No	Draft RWPS document has been developed. Member Agency discussions have been delayed. Plan expected to be finalized and adopted by March 2015
92	FY 2014/15	Quarterly	Engineering, Planning and Science	E	Update Wastewater Facilities Master Plan by December 2014 and thereafter every 10 years to ensure timely expansion of Agency facilities to address anticipated regional growth	Update growth forecasts for WWFMP with updated population projections and demand forecast	December-2014	Completion of WWFMP	Sylvie Lee	January	2015	Behind Schedule	No	WWFMP draft to be circulated 1/19/2015 in coordination with TYCIP posting. Expected to be finalized by March 2015
94	FY 2014/15	Quarterly	Engineering, Planning and Science	E	Monitor and integrate the Building Activity Report (BAR) data for actual and projected growth with the Asset Management Plan into regional wastewater planning	Continue to work with RCAs to review and maintain accurate building activity reports.	ongoing	Periodic checks to ensure that the forecasts are consistent with the adopted projections provided in the WWFMP	Sylvie Lee	January	2015	On Schedule	No	Prepared monthly building activity reports and GIS maps.
17	FY 2014/15	Quarterly	Engineering, Planning and Science	A	Begin the nexus study for regional connection fees by January 2015	Conduct the study to evaluate past fees and provide framework for future development	January-2015	Completion of study by Jan 2015	Sylvie Lee	January	2015	Behind Schedule	No	2nd Workshop on 12/11; 3rd Workshop on 1/13; Joint Technical Committee and Water Manager's Meeting 1/28; Regional Technical Committee Meeting 1/29; Policy Committee Meeting 2/5. Tentative rate adoption/study completion scheduled for March 2015
55	FY 2014/15	Quarterly	Engineering, Planning and Science	C	Continue to apply Lean management principles to streamline current business processes and systems and eliminate waste and redundancies	Develop long term strategy for permitting of the O&M activities of recharge basins	June-2015	Completion of strategy by Jun 2015	Sylvie Lee	January	2015	On Schedule	No	EC staff is preparing the individual permit application. Task order issued to Tom Dodson in support of Agency staff.

Goal ID	FY Start	Reporting Required	Division	Bus. Goal	Work Plan	Department Goal	Time Line	KPI	Assigned To	Note Month	Note Year	Status	Complete	Notes
66	FY 2014/15	Quarterly	Engineering, Planning and Science	C	Identify and participate in organizations that advance the Agency's mission, vision and key initiatives	Attend local and regional meetings such as CASA, SCAP, WateReuse, SCWC, CWEA, ACWA, etc.	Continuous	Attendance at regular meetings	Sylvie Lee	January	2015	On Schedule	No	Staff continue to participated in meetings.
26	FY 2014/15	Quarterly	Engineering, Planning and Science	A	Integrate and fully fund the Replacement and Rehabilitation (R&R) projects identified in the Agency's Asset Management Plan into the annual capital improvement plan (CIP)	Integrate the Asset Management Plan into the TYCIP	February-2015	Completion of TYCIP by Feb 2015	Sylvie Lee	January	2015	On Schedule	No	TYCIP Draft has been circulated internally and will be posted on IEUA's website by 1/19/15 for MA, Tech & Policy Committee, and Board review and comments.
26	FY 2014/15	Quarterly	Engineering, Planning and Science	A	Integrate and fully fund the Replacement and Rehabilitation (R&R) projects identified in the Agency's Asset Management Plan into the annual capital improvement plan (CIP)	Integrate the Asset Management Plan into the TYCIP	February-2015	Completion of TYCIP by Feb 2015	Sylvie Lee	January	2015	On Schedule	No	TYCIP is on scheduled - draft was posted online in January for the contracting agencies, with adoption in February/March 2015 by the Regional Committees and the IEUA Board
Technical Services														
148	FY 2014/15	Once Complete	Operations	C	Review and update the Asset Management Plan by December 2014	Update the Asset Management Plan annually by incorporating the findings of Condition Assessment reports and documenting changes relating to Agency assets	Complete by December 2014.	Not applicable	Jeff Noelte	January	2015	Behind Schedule	No	The updates to the System Summaries chapter and project lists were completed in December. Updates to remaining chapters are being reviewed. The Fiscal Year 2015/16 AMP will be complete by the end of January.

Exhibit C

Inland Empire Utilities Agency
Inter-Departmental/Division Transfers FY 2014/2015
O&M Budget Transfers

Fund	Date	O & M Transfer From	Category	Amt Transfer Out	O & M Transfer To	Category	Amount Transfer In	Description	QTR
10300	10/9/14	521050	Contract Materials	$25,000	512170	O & M Supplies	$25,000	Transfer requested to cover the costs of the basins repairs.	2
10500	11/6/14	512110	Operation Supplies General	$3,000	545370	Water (Utilities)	$3,000	To supplement for water paid to the City of Ontario for Philadelphia Pump Station	2
10500	11/6/14	521120	Outside Svcs Security	$3,000	545370	Water (Utilities)	$3,000	To supplement for water paid to the City of Ontario for Philadelphia Pump Station	2
			Total O&M Transfers Out	**$31,000**		**Total O&M Transfers In**	**$31,000**		

Inland Empire Utilities Agency **Exhibit D**

Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2014/15

Fund	Capital or Oper Proj?	Request Date	Total Proj Budget Change (Y/N)?	Annual Proj Budget Change (Y/N)?	New Proj? Y/N	Project Number	Project Title	Adopted Total Project Budget	Prior FY 7014/15 TP Changes	Current Total Project Budget	Amt of Transfer In / (Out)	New TP Budget	FY 2014/15 Annual Project Budget	Annual Proj Budget Change	New Annual Project Budget	Project Transferred To/(From)	Justification
10200	Capital	11/25/14	Yes	Yes	Yes	FP10200	Financial Planning Forecast	$2,854,000	($36,000)	$2,818,000	($100,000)	$2,718,000	$262,000	($100,000)	$162,000	EN15052	Transfer from FP10200 to create new project EN15052 in order to support the department in managing all current and future projects more effectively by giving them flexibility to add more detail to their schedules in Primavera.
						EN15052	Primavera Enhancements	$0	$0	$0	$100,000	$100,000	$0	$100,000	$100,000	(FP10200)	
	Capital	11/26/14	Yes	Yes	No	IS13030	Server Replacement	$128,000	$0	$128,000	($102,000)	$26,000	$102,000	($102,000)	$0	IS15012	Transfer from IS13030 to IS15012 to allow staff to replace aging servers now and close the old server replacement project.
						IS15012	Business Network IT Improvements	$200,000	$0	$200,000	$102,000	$302,000	$200,000	$102,000	$302,000	(IS13030)	
	Subtotal Administration (GG)							$3,182,000				$3,146,000	$564,000		$564,000		
10300	Capital	10/14/14	Yes	Yes	No	EN14040	Jurupa Pump Station HVAC	$300,000	$0	$300,000	($114,800)	$185,200	$278,881	($114,800)	$164,081	EN12025	Transfer from EN14040 to fund the Kaveh settlement and legal fees associated with project EN12025.
						EN12025	Hickory Basin - Arizona Crossing	$329,000	$0	$329,000	$114,800	$443,800	$0	$114,800	$114,800	(EN14040)	
	Subtotal Groundwater Recharge (RW)							$629,000				$629,000	$278,881		$278,881		
10500	Capital	9/18/14	Yes	Yes	Yes	EN14035	NRW Collection System Repairs Phase 4	$850,000	($37,100)	$812,900	($50,000)	$762,900	$528,882	($50,000)	$478,882	EN15046	Transfer from EN14035 to create new project, EN15046, to cover the costs of repair to eight (8) NRW collection system manholes.
						EN15046	NRW Manhole Upgrades	$0	$0	$0	$50,000	$50,000	$0	$50,000	$50,000	(EN14035)	
	Subtotal Non-Reclaimable Water (NC)							$850,000				$812,900	$528,882		$528,882		
10600	Capital	9/23/14	Yes	Yes	Yes	EN15035	Misc WC Projects	$200,000	($40,000)	$160,000	($120,000)	$40,000	$160,000	($120,000)	$40,000	EN15047	Transfer from EN15035 to create new project, EN15047, to replace the existing valves at 1630 W RWPS with new check valves.
						EN15047	1630 W RWPS Check Valves Replacement	$0	$0	$0	$120,000	$120,000	$0	$120,000	$120,000	(EN15035)	
	Capital	9/24/14	Yes	Yes	Yes	EN12016	North CIM Lateral	$210,900	$0	$210,900	($90,000)	$120,900	$100,000	($90,000)	$10,000	EN15049	Transfer from EN12016 to create new project, EN15049, to fund the replacement of existing Avs with new pre-purchased Avs at each location (SACP - Seg B) and to cover the installation of additional fittings and vault adjustments.
						EN15049	AV Replacement on SACP- Segment B	$0	$0	$0	$90,000	$90,000	$0	$90,000	$90,000	(EN12016)	
	Capital	10/16/14	Yes	Yes	Yes	EN13029	Turner 1 Turnout &Deer Creek Drop	$1,025,000	$0	$1,025,000	($50,000)	$975,000	$524,801	($50,000)	$474,801	EN15050	Transfer from EN13029 to create new project EN15050 to prepare the RFP for design and construction of a surge tank to dampen the surges in the 1299 recycled water pipeline.
						EN15055	1630 W Recycled Water Pump Station Surge Tank Installation	$0	$0	$0	$50,000	$50,000	$0	$50,000	$50,000	(EN13029)	
	Capital	10/22/14	Yes	Yes	Yes	EN13029	Turner 1 Turnout &Deer Creek Drop	$1,025,000	($50,000)	$975,000	($50,000)	$925,000	$474,801	($50,000)	$424,801	EN15051	Transfer from EN13029 to create new project EN15051 to construct the Splitter Box Modifications and cover management fees of the project for CCWRF.
						EN15051	CCWRF Chlorine Contact Basine Splitter Box Modifications	$0	$0	$0	$50,000	$50,000	$0	$50,000	$50,000	(EN13029)	
	Capital	12/29/14	Yes	Yes	Yes	WR08020	Misc. Connections & Retrofits	$34,190,180	($100,000)	$34,090,180	($100,000)	$33,990,180	$300,000	($100,000)	$200,000	RW15005	Transfer from WR08020 to create new project RW15005 to buy equipment and pay for services needed to create alternatives to prevent midge flies at the recharge basins.
						RW15005	Midgefly Prevention Alternative Project	$0	$0	$0	$100,000	$100,000	$0	$100,000	$100,000	(WR08020)	
	Subtotal Recycled Water (WC)							$36,651,080				$36,461,080	$1,559,602		$1,559,602		

Exhibit D

Inland Empire Utilities Agency
Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2014/15

Fund	Capital or Spec Proj?	Request Date	Total Proj Budget Change (Y/N)?	Annual Proj Budget Change (Y/N)?	New Proj? Y/N	Project Number	Project Title	Adopted Total Project Budget	Prior FY 2014/15 TP Changes	Current Total Project Budget	Amt of Transfer In / (Out)	New TP budget	FY 2014/15 Annual Project Budget	Annual Proj Budget Change	New Annual Project Budget	Project Transferred To/(From)	Justification
10800	Capital	9/24/14	Yes	Yes	No	EN13016	SCADA Enterprise System	$10,000,000	$0	$10,000,000	($500,000)	$9,500,000	$1,217,247	($500,000)	$717,247	EN14012	Transfer from EN13016 and EN13049 to support the completion of the construction phase for project EN14012.
						EN13049	RP-2 Digester No. 4 Dome Improvements	$1,900,000	$0	$1,900,000	($150,000)	$1,750,000	$502,157	($150,000)	$352,157	EN14012	
						EN14012	RP-2 Drying Beds Rehabiliation	$1,168,400	$0	$1,168,400	$650,000	$1,818,400	$628,279	$650,000	$1,278,279	(EN13016 / EN13049)	
	Capital	10/1/14	Yes	Yes	No	IS15016	RP-4 ControlNet Replacement	$112,000	$0	$112,000	($10,000)	$102,000	$112,000	($10,000)	$102,000	IS15014	Transfer from IS15016 to IS15014 becasuse ISS staff underestimated the hardware cost for IS15014. The project will replace an old component at RP-4 that has failed frequently which results in Operations staff losing control of valves associated with air flow at the plant.
						IS15014	RP-4 Foundation Field Bus Link Device	$42,000	$0	$42,000	$10,000	$52,000	$42,000	$10,000	$52,000	(IS15016)	
	Capital	10/15/14	Yes	Yes	No	EN13049	RP-2 Digester No. 4 Dome Improvements	$1,900,000	($150,000)	$1,750,000	($25,000)	$1,725,000	$352,157	($25,000)	$327,157	EN14052	Transfer from EN13049 to complete the remaining construction tasks for EN14052 which include automation of the new gate controls for the new west effluent pipeline.
						EN14052	RP01 Primary Clarifier West Effluent Pipeline Replacement	$945,000	$0	$945,000	$25,000	$970,000	$445,502	$25,000	$470,502	(EN13049)	
	Capital	10/23/14	Yes	Yes	No	IS15016	RP-4 ControlNet Replacement	$112,000	($10,000)	$102,000	($2,500)	$99,500	$102,000	($2,500)	$99,500	IS15017	Transfer from IS15016 to IS15017 to make up the additional costs necessary to upgrade the I/O scanning hardward at RP-4 to a newer and more reliable technology.
						IS15017	RP-4 Replace Remote I/O Scanner	$26,000	$0	$26,000	$2,500	$28,500	$26,000	$2,500	$28,500	(IS15016)	
	Capital	10/23/14	Yes	Yes	No	EN15012	RP-1 East Primary Effluent Pipe Rehab	$750,000	$0	$750,000	($450,000)	$300,000	$600,000	($450,000)	$150,000	EN09021	Transfer from EN15012 and EN15013 to EN09021 for use in funding the construction of the RP-4 Headworks Retrofit so that the project EN09021 can reach completion in this fiscal year.
						EN15013	RP-1 TWAS & Primary Effluent Piping Replacement	$500,000	$0	$500,000	($250,000)	$250,000	$400,000	($250,000)	$150,000	EN09021	
						EN09021	RP-4 Headworks Retrofit	$2,185,900	$0	$2,185,900	$700,000	$2,885,900	$1,030,075	$700,000	$1,730,075	(EN15012 / EN15013)	
	Capital	12/8/14	Yes	Yes	No	EP14002	Major Facilities Repair FY 13/14	$1,480,000	$0	$1,480,000	($255,525)	$1,224,475	$881,725	($255,525)	$626,200	EP14002	Transfer from EP14002 and PA14004 to EP15002 which will support the RP-1 Head Works Rehabilitation Project, the RP-1 Head Works Bypass Project, and the RP-1 Iron Sponge Tank Install Project.
						PA14004	Replace RP-1 Headworks	$250,000	$0	$250,000	($197,000)	$53,000	$250,000	($197,000)	$53,000	PA14004	
						EP15002	Major Facilities Repair FY 14/15	$4,400,000	$0	$4,400,000	$452,525	$4,852,525	$700,000	$452,525	$1,152,525	(EP14002/ PA14004)	
	Subtotal Regional Operations (RO)							$25,771,300				$25,611,300	$7,289,143		$7,289,143		

Exhibit D

Inland Empire Utilities Agency

Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2014/15

Fund	Capital or Spec Proj?	Request Date	Total Proj Budget Change (Y/N)?	Annual Proj Budget Change (Y/N)?	New Proj? Y/N	Project Number	Project Title	Adopted Total Project Budget	Prior FY 2014/15 TP Changes	Current Total Project Budget	Amt of Transfer In / (Out)	New TP Budget	FY 2014/15 Annual Project Budget	Annual Proj Budget Change	New Annual Project Budget	Project Transferred To/(from)	Justification
10900	Capital	9/18/14	Yes	Yes	Yes	EN14037	Sewer Collection System Manhole Rehabilitations	$1,825,000	($63,000)	$1,762,000	($50,000)	$1,712,000	$596,544	($50,000)	$546,544	EN15045	Transfer from EN14037 to create new project, EN15045, to cover the costs of 22 sewer collection system manhole frames and cover repairs.
						EN15045	Collection System Manhole Upgrades	$0	$0	$0	$50,000	$50,000	$0	$50,000	$50,000	(EN14037)	
	Capital	9/18/14	Yes	Yes	No	EN11031	RP-5 Flow Equalization and Effluent Monitoring	$1,692,300	($200,000)	$1,492,300	($10,000)	$1,482,300	$609,826	($10,000)	$599,826	EN05050	Transfer from EN11031 to cover any additional warranty related items for the duration of the warranty period for EN05050.
						EN05050	RP-2 Digester Gas System Modifications	$3,197,000	$0	$3,197,000	$10,000	$3,207,000	$7,938	$10,000	$17,938	(EN11031)	
	Capital	10/23/14	Yes	Yes	Yes	EN11031	RP-5 Flow Equalization and Effluent Monitoring	$1,692,300	($210,000)	$1,482,300	($200,000)	$1,282,300	$599,826	($200,000)	$399,826	EN15048	Transfer from EN11031 to create new project, EN15048, which will consist of pipeline inspection activiltels and further reparis and rehabilitation based on engineering recommendation.
						EN15048	CCWRF 72" Mixed Liquor Inspection and Repair	$0	$0	$0	$200,000	$200,000	$0	$200,000	$200,000	(EN11031)	
	Capital	12/10/14	Yes	Yes	Yes	EN12020	Chino Creek Invert Repair	$545,218	$0	$545,218	($75,000)	$470,218	$533,785	($75,000)	$458,785	EN15054	Transfer from EN12020 to create new project EN15054 which will involve placing concrete over the rip rap at the CCWRF Lagoon to provide for erosion control and enable the use of the overflow and emergency piping as needed.
						EN15054	CCWRF Lagoon Rip Rap Retrofit	$0	$0	$0	$75,000	$75,000	$0	$75,000	$75,000	(EN12020)	
	Capital	12/11/14	Yes	Yes	No	EN11051	Central Plant for the New Operational Lab	$2,130,000	$263,218	$2,393,218	($75,000)	$2,318,218	$263,218	($75,000)	$188,218	EN14051	Transfer from EN11051 to EN14051 to complete the last phase of the project by purchasing a required articulated lift to provide safe access.
						EN14051	RP-1 Centrifuge Stair and Catwalk Install	$532,000	$0	$532,000	$75,000	$607,000	$461,083	$75,000	$536,083	(EN11051)	
Subtotal Regional Capital (RC)								$11,613,818				$11,404,036	$3,072,220		$3,072,220		

Capital Total Project Budget	
Adopted	Amended
$78,697,198	$78,064,316

Capital Total Project Budget	
	Amended
	$78,064,316

Total Annual Capital Budget	
Adopted	Amended
$13,292,729	$13,292,729

Exhibit D

Inland Empire Utilities Agency
Changes in Total Project Budgets: Inter-Departmental/Division Transfers FY 2014/15

Fund	Capital or Spec Proj?	Request Date	Total Proj Budget Change (Y/N)?	Annual Proj Budget Change (Y/N)?	New Proj? Y/N	Project Number	Project Title	Adopted Total Project Budget	Prior FY 2014/15 TP Changes	Current Total Project Budget	Amt of Transfer In / (Out)	New TP Budget	FY 2014/15 Annual Project Budget	Annual Proj budget Change	New Annual Project Budget	Project Transferred To/(From)	Justification
10200	O&M Proj	9/16/14	Yes	Yes	No	EP14003	General Fund Repair	$50,000	$0	$50,000	($37,103)	$12,897	$39,434	($37,103)	$2,331	PA15008	Transfer from EP14003 to PA15008 to suppor the tenant improvement / rehabilitation project for the RP-1 Paint Room conversion for a training center.
						PA15008	Major Asset Repair/ Replacement	$200,000	$0	$200,000	$37,103	$237,103	$200,000	$37,103	$237,103	(EP14003)	
Subtotal Administration (GG)								$250,000				$250,000	$239,434		$239,434		
10600	O&M Proj	11/5/14	Yes	Yes	Yes	EN14023	RW Asset Mgmt Condition Assessments	$100,000	$0	$100,000	($25,000)	$75,000	$100,000	($25,000)	$75,000	EN15053	Transfer from EN14023 to create new project, EN15053, to determine if IEUA facilities are vulnerable to numerous pressure surges and to install surge protection to prevent future damage to identified 'weak zones' in IEUA facilities inside the 1299 zone.
						EN15053	Risk Mgmt and Surge Analysis of the 1299 Zone	$0	$0	$0	$25,000	$25,000	$0	$25,000	$25,000	(EN15053)	
	O&M Proj	12/4/14	Yes	Yes	No	WR14020	MWD Foundational Actions Funding	$174,585	$0	$174,585	$38,000	$212,585	$107,407	$38,000	$145,407	(O&M - Contract Labor)	Transfer from O&M contract labor to WR14020 to fund professional services contracts for the WC Intertie Study and the WC Recharge Enhancement study.
Subtotal Recycled Water (WC):								$274,585				$312,585	$207,407		$245,407		
10700	O&M Proj	10/30/14	Yes	Yes	No	WR08010	FY 07/08 Multi-Family Direct	$3,048,400	$0	$3,048,400	($13,450)	$3,034,950	$67,278	($13,450)	$53,828	WR15011	Transfer from WR08010 and WR14011 to WR15011 to amend the existing MOU with Western MWD and to provide 44,203 high efficiency nozzles through the freesprinklernozzles.com program for FY 14/15.
						WR14011	FY 13/14 Free Sprinkler Voucher Program	$192,750	$0	$192,750	($30,300)	$162,450	$81,442	($30,300)	$51,142	WR15011	
						WR15011	FY 14/15 Free Sprinkler Voucher Program	$243,800	($143,750)	$100,050	$43,750	$143,800	$100,000	$43,750	$143,750	(WR08010 / WR14011)	
	O&M Proj	11/19/14	Yes	Yes	Yes	WR15023	2015 Water Use Efficiency Business Plan Update	$0	$0	$0	$75,000	$75,000	$0	$75,000	$75,000	(WW Reserves)	Board approved amendement to create project WR15023 to fund the additional proposals for the Water Use Efficiency Business Plan Updates.
Subtotal Water Resources (WW)								$3,484,950				$3,416,200	$248,720		$323,720		
10800	O&M Proj	12/8/14	Yes	Yes	No	EN14005	Asset Mgmt Condition Assessments	$150,000	$0	$150,000	($50,000)	$100,000	$150,000	($50,000)	$100,000	EP15001	Transfer from EN14004 and EN14005 to EP15001 to provide adequate funding for the RP-2 Digester Cleaning project. Projects EN14004 and EN14005 will be closed once the budget transfer is complete.
						EN14004	Asset Mgmt Master Plan	$160,000	$0	$160,000	($160,000)	$0	$160,000	($160,000)	$0	EP15001	
						EP15001	RP-1/RP-2 Digester Cleaning	$420,000	$0	$420,000	$210,000	$630,000	$420,000	$210,000	$630,000	(EN14005 / EN14004)	
	O&M Proj	12/23/14	Yes	Yes	No	PK11001	Water Discovery Field Program	$257,050	$0	$257,050	$29,462	$286,512	$53,150	$29,462	$82,612	(O&M: 521010)	Transfer from RO O&M Budget to PK11001 which was extended into the current fiscal year. The project is eligible for 50% reimbursement from State Parks & Rec Department.
Subtotal Regional Operations (RO)								$987,050				$1,016,512	$783,150		$812,612		
								O&M Total Project Budget				O&M Total Project Budget	Total Annual O&M Project Budget				
								Adopted $4,996,585				Amended $4,995,297	Adopted $1,478,711		Amended $1,621,173		

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

FY 2014/15
2nd Quarter Budget Variance Report

Board of Directors
March 18, 2015

Revenue Highlights
Actual vs. Amended Budget

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

GOOD NEWS…

- **Recycled Water Sales** – $6.5M, 68.3% of amended budget
  - 19,337 AFY actual vs. 32,000 AFY amended budget

OKAY NEWS…

- **New EDU Connection Fees** - $6.3M, 40.9% of amended budget
  - 1,231 new connections compared to budgeted 3,000 units.

NOT SO GOOD NEWS…

- **Grant and Loan Proceeds** - $3.5M, 15.1% of amended budget
  - Construction for the Central/Wineville area recycled water projects accounts for the low receipts, project is expected to be complete in July 2015.

Expense Highlights
Actual vs. Amended Budget

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

GOOD NEWS…

- **Utilities - $5.1M, 48.8% of amended budget**
  - Lower actual SCE rate of 11.6 cents/kWh versus budgeted rate of 12.0 cents/kWh however usage was increased through the second quarter; also lower natural gas rates, actual average was $0.503/therm compared to the budgeted rate of $0.80/therm.
- **Employment - $17.8M, 43.5% of amended budget**
  - Weighted average vacancy factor of 13.1%, or 38 FTE's, far above the 5% budgeted rate.

NOT SO GOOD NEWS…

- **Operating Fees - $6.0M, 53.2% of amended budget**
  - Increase in TSS and BOD expense in the north system, due to digester clean up activity.

FY 2014/15 Q2 Operating & Non-Operating Net Decrease

($Millions)

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Operating	FY 2014/15 Amended Budget	Quarter Ended 12/31/14	Actual % of Amended
Operating Revenue	$83.0	$43.0	51.8%
Operating Expense	$95.1[1]	$37.6	39.6%
Operating Net Increase (Decrease)	**($12.1)**	**$5.4**	

Non-Operating	FY 2014/15 Amended Budget	Quarter Ended 12/31/14	Actual % of Amended
Non-Operating Revenue	$80.6	$23.8	29.6%
Non-Operating Expense	$94.2[1]	$49.2[2]	52.2%
Non-Operating Net Increase (Decrease)	**($13.6)**	**($25.4)**	

[1]Total budget encumbrance carry forward of $19.3 million from FY 2013/14 to FY 2014/15: $1.3 million for O&M expenses, $3.1 million for special projects and $14.9 million for capital projects.
[2]Includes debt service of $28.4 million and capital expenditures of $20.4 million.

FY 2014/15 Q2 Ending Fund Balance ($Millions)

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Fund Balance	Amended Annual Budget	Quarter Ended 12/31/14	Actual % of Amended
Total Revenue	$163.6	$66.8	40.8%
Total Expense	$189.3	$86.8	45.9%
Total Net Increase (Decrease)	**($25.7)**	**($20.0)**	
Beginning Fund Balance	$151.1	$151.1	
Ending Fund Balance	**$125.4**	**$131.1**	

FY 2014/15 Budgeted Encumbrance Carry Forward/Return ($Millions)

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

- **2013/14 Budget Carried Forward** – $19.3M of encumbrances and project budgets were carried forward to FY 2014/15
- **Budget Returned** *- $2.5M of unspent or unused carry over budget to be returned in January

	Capital & Special Projects	O&M	Total
Carried Forward – September 2014	$18.0	$1.3	**$19.3**
Encumbrance Return – January 2015	($2.5)	($0.02)	**($2.5)**
Total Used or Remaining Encumbrance	**$15.5**	**$1.3**	**$16.8**

*In accordance with Agency Policy A-81 - carry forward encumbrances and budget not expended by December 31st of each year are subject to cancellation.

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

QUESTIONS?

The budget variance analysis report is consistent with the Agency's business goal of *Fiscal Responsibility*; to demonstrate the Agency appropriately funded operational, maintenance, and capital costs.

INFORMATION
ITEM

3B

Regional Drought Update

April 2015

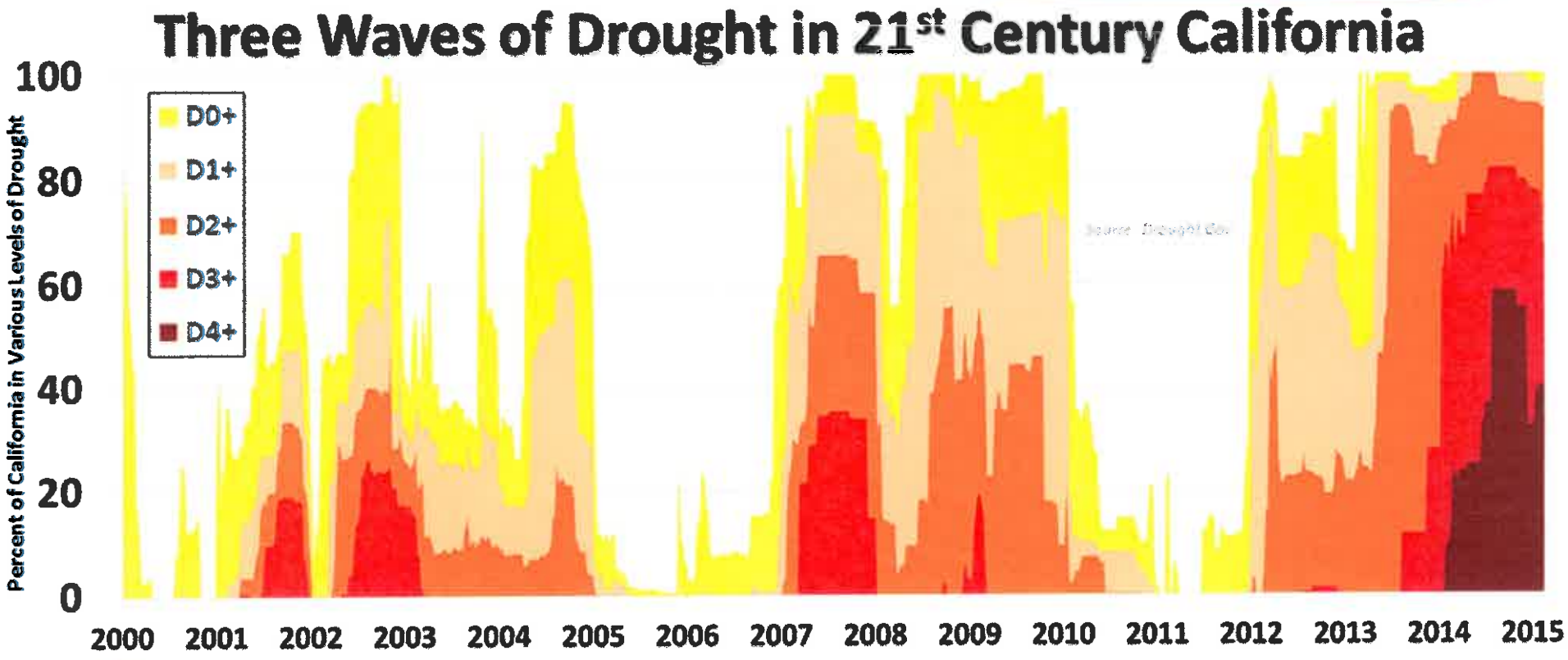
Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

Topics of Discussion

- Statewide Water Supply Conditions
- Regional Drought Update
- Conservation and WUE opportunities

Historical Drought Conditions

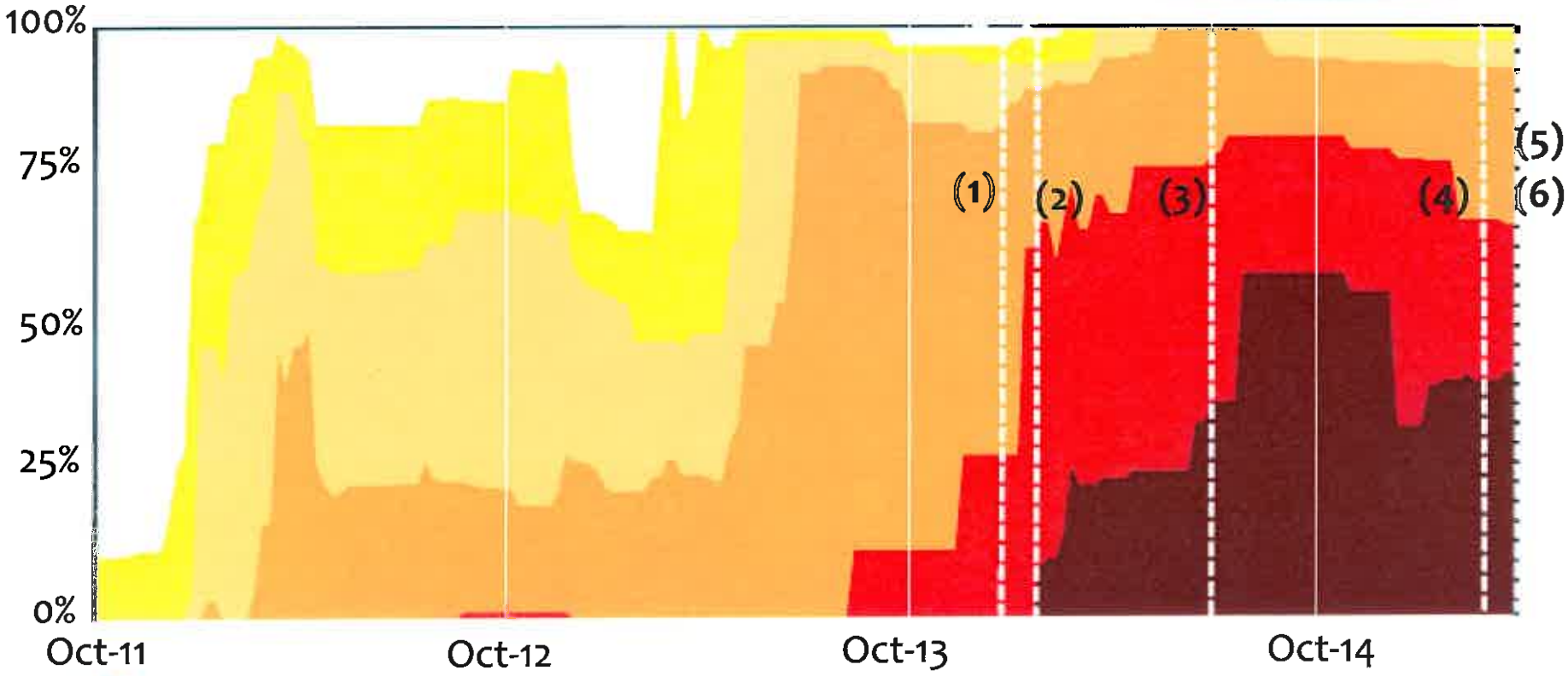


Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Drought Evolution and Actions

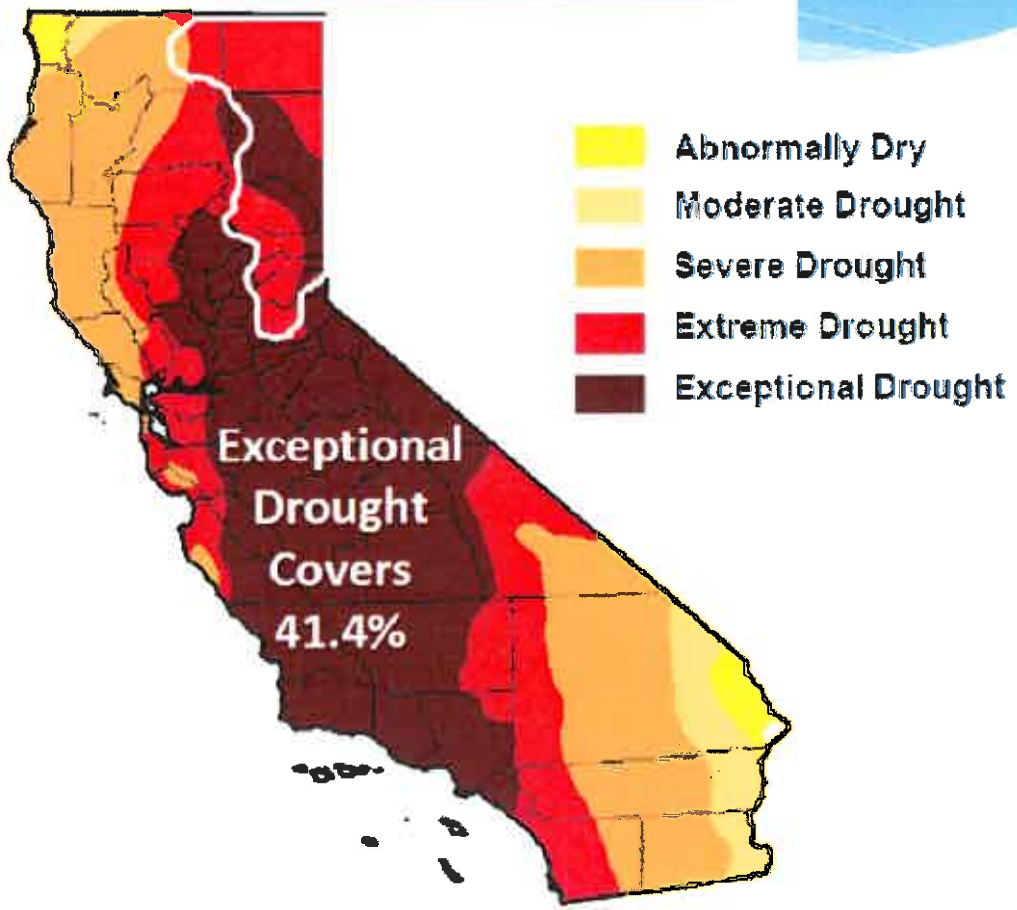
Percent of State in each drought category

(1) State of Emergency
(2) MWD Water Supply Alert
(3) SWRCB Emerg. Conservation Regs.
(4) SWRCBB Water Use Restrictions
(5) Executive Order
(6) MWD WSAP – Level 3



Drought Monitor – Current Conditions

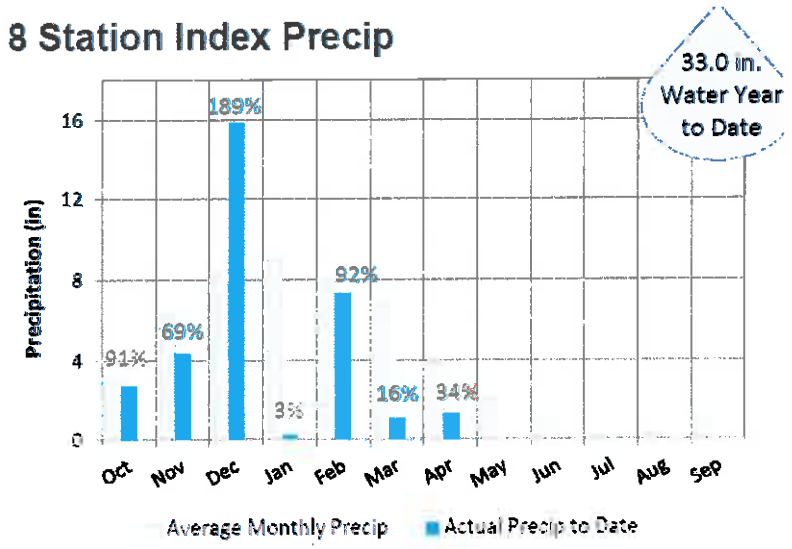
- Over 35 million people affected by drought

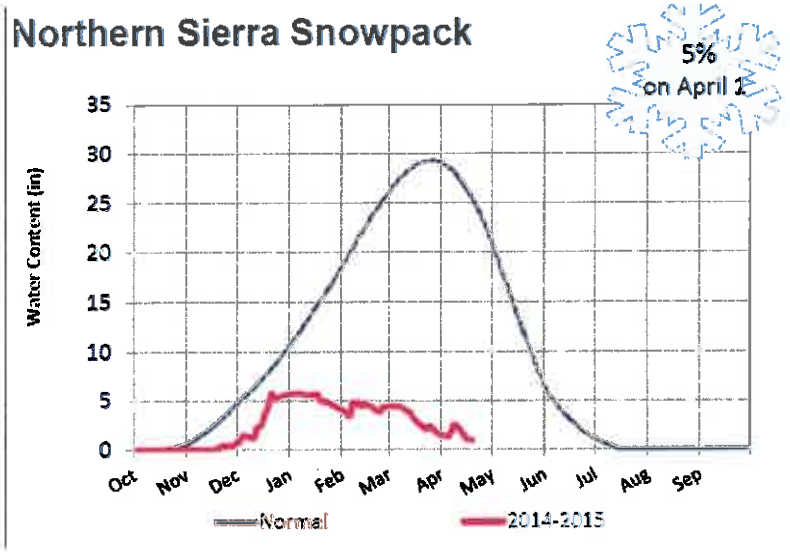


Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

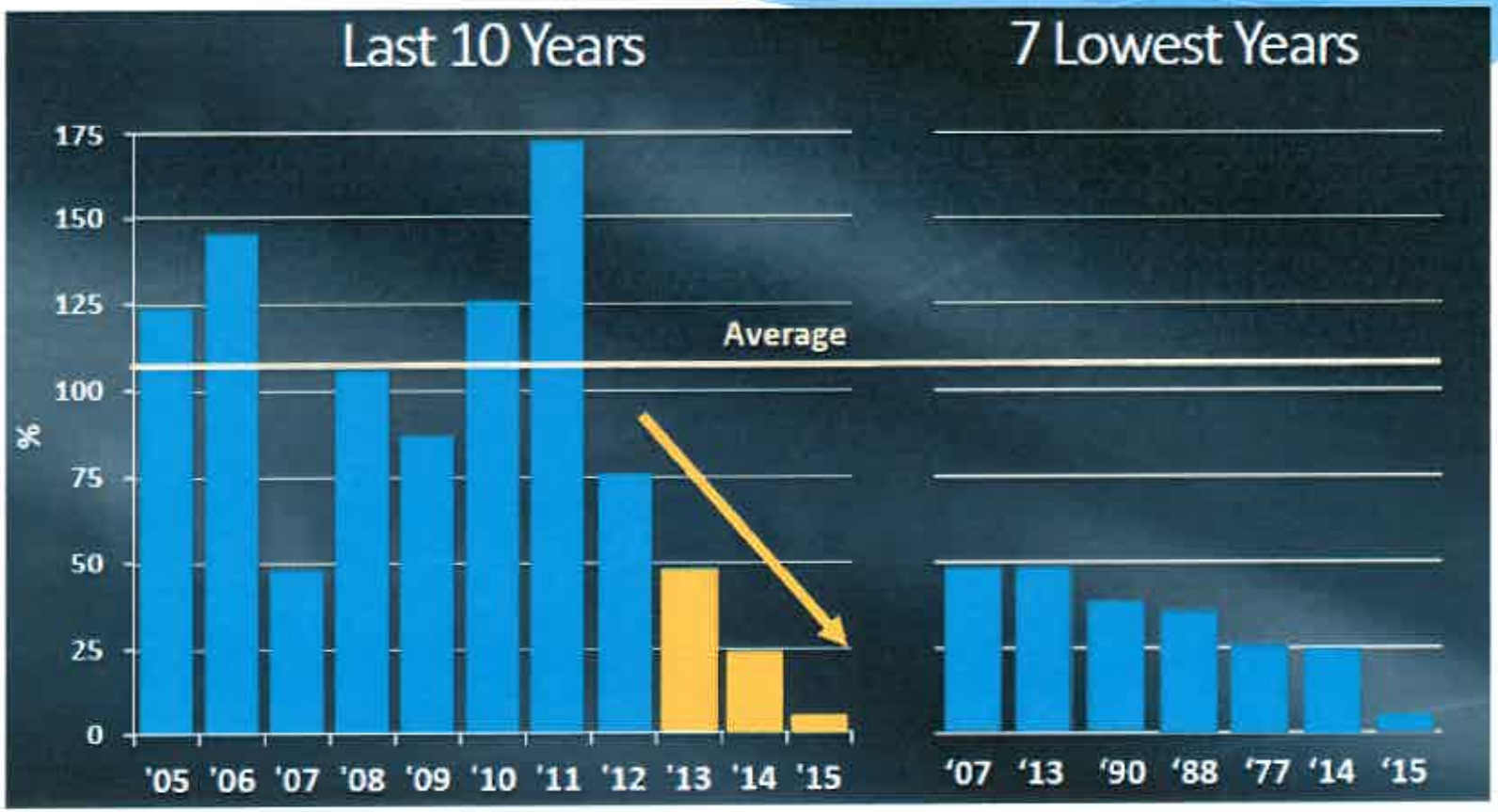
Current Conditions

- 20% SWP Allocation
- Statewide snowpack 5% of normal
  - Reduced 13% since last month
- Sierra 8-Station Index precip 70% of normal
- Last 3yrs among lowest historical snowpack recordings to date



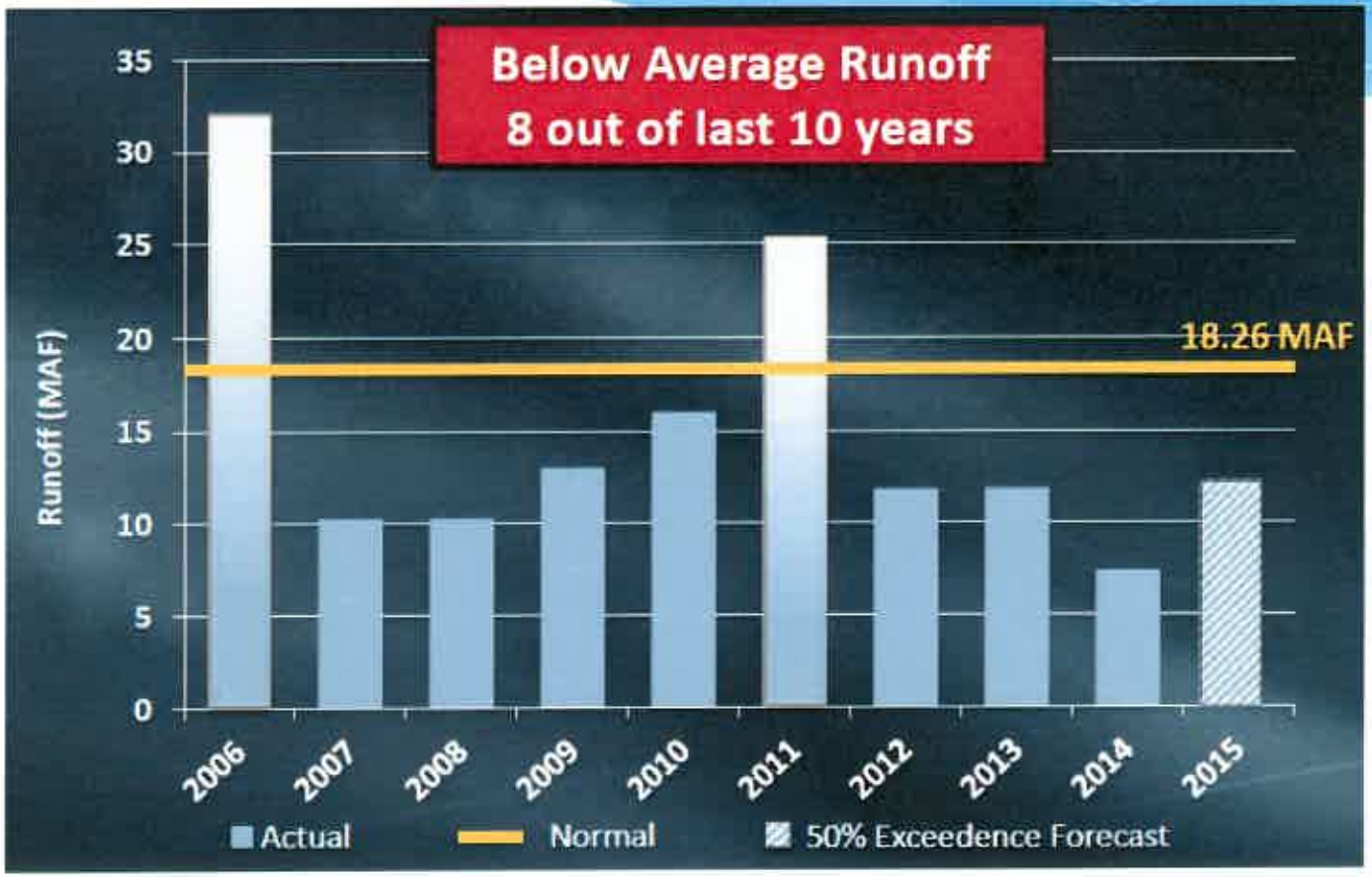


Sierra Historical Snowpack



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Northern California Runoff



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Impacts of Dry Hydrology

- Reduced snowpack = limited storage increases and potential rapid depletion of reservoirs
- Reduced spring runoff ≠ preserved storage or base flows into Delta during less restrictive months for exports
- Oroville may be needed to meet in-Delta regulatory requirements = Delta exports may be limited
- Impacts felt across the State = MWD transfer supplies at risk

Water Supply Allocation Plan (WSAP)

DRAFT subject to change

MWD 4.14 Action

Agency	2012-13	2013-14	% IW Delivery	Baseline	Level 2	Level 3	Level 4	Level 6	Level 8	Level 10
CVWD	25,845	28,825	43%	28,069	27,677	26,640	25,602	23,526	21,450	19,374
WFA	27,954	28,438	45%	28,953	28,549	27,479	26,408	24,267	22,126	19,984
FWC	5,215	9,792	12%	7,705	7,597	7,313	7,028	6,458	5,888	5,318
TOTAL	**59,014**	**67,055**	**100%**	**64,726**	**63,824**	**61,431**	**59,038**	**54,251**	**49,464**	**44,677**

- Baseline for MWD WSAP formula: FY12/13 and FY13/14
- Values are estimates and are subject to change. Final allocations expected from MWD by end April or early May.

Regional Drought Update

- Per Governor's Executive Order of April 2015:
  - Need water reduction as stated – statewide 25%

Agency	4.1.2015	4.18.2015
Chino	25%	24%
Chino Hills	25%	28%
CVWD	35%	32%
FWC	25%	28%
MVWD	25%	28%
Ontario	25%	24%
Upland	35%	36%

Regional Drought Response

- **IEUA Support:** SAWPA Prop 84 Grant (Regional Agencies)
  - Data to be available in Fall for calculating efficient indoor/outdoor use
  - Regional Turf removal
  - Technology based information software
  - Rate modeling tools

- **Member Agency compliance with the Executive Order:**
  - Individual agency compliance?
  - Regional Compliance (SBX7-7 methodology)?
  - Efficient indoor/outdoor use targets?
  - Public outreach (regional and local)

Water Use Efficiency Programs

- Turf Removal Rebates
  - Commercial $3 / Sq.Ft./Residential $2 / Sq. Ft.
- Residential Landscape Retrofits
  - Weather Based Controllers & High Efficiency Sprinkler Nozzles
- Commercial & Residential Landscape Evaluation s
- Freesprinklernozzles.com Voucher Program
- Commercial & Residential Rebates
- Water Savings Incentive Program (Customized Programs)
- On-Site Recycled Water Conversions
- Enhance Incentives for Public Agency Landscapes
- Development of Water Budgets for dedicated Landscape Meters
- Programmatic Water Use Monitoring

Questions?

RECEIVE AND FILE

4A

REGIONAL SEWERAGE PROGRAM
PRETREATMENT SUBCOMMITTEE

April 7, 2015
1:30 PM
IEUA HQ Building A, Rains Conference Room
6075 Kimball Avenue
Chino, CA 91710

Minutes

Members Present

Shawn Perumean..... Cucamonga Valley Water District
Ruben Valdez..... City of Chino
Michael Birmelin..... City of Ontario
Robert Herbster..... City of Upland
Nicole deMoet..... City of Montclair
Craig Proctor..... IEUA
Tony Mata..... City of Fontana (via conference call)

Absent

Andy Zummo..... City of Chino Hills

Others Present

Julio Im..... IEUA
Michael Barber..... IEUA
Katie Porter..... Arcadis
Marla Miller..... Arcadis (via conference call)

1. Introductions

   Introductions of those present were given. Tony Mata and Marla Miller participated via conference call.

2. Informational Items & Updates

   a. Tech Meeting Report –

      The Regional Technical Committee meeting for March was cancelled due to lack of action items and to allow focus on the rate workshop.

b. Treatment Plants –

RP-1/RP-4:

- RP-1/RP-4 met all the NPDES requirements during the months of January and February 2015.

RP-5:

- RP-5 met all the NPDES requirements during the months of January and February 2015.

CCWRF:

- CCWRF met all the NPDES requirements during the months of January and February 2015.

Agency-wide:

- The Agency-Wide 12-month running average TDS for the months of January and February 2015 was 525 mg/L and 529 mg/L respectively, which did not exceed the 550 mg/L Agency-wide 12-month running average limit.

- The Agency-wide 12-month running average incremental increase between secondary effluent and water supply TDS for the months of December 2014 and January 2015 was 227 mg/L and 228 mg/L respectively, which did not exceed the 250 mg/L Agency-wide 12-month running average limit.

Collections System:

- No SSOs occurred during the months of January or February 2015.

Recycled Water:

- No unauthorized discharges of more than 50,000 gallons of disinfected tertiary recycled water into the waters of the state occurred during the months of January and February 2015.

- No agricultural runoff events were reported to IEUA by member agencies during the months of January and February 2015.

c. Pretreatment Programs

Evolution Fresh in the City of Rancho Cucamonga was issued a Notice of Violation for exceeding their permitted discharge limit for TDS, fixed in March. Enforcement action is pending.

Jewlland-Freya in the City of Montclair was issued a Notice of Violation for exceeding their permitted discharge limit for TDS, fixed in March. Results of

industries investigation were inconclusive. Resampling was conducted for TDS, fixed. Results are pending. In January, Jewlland-Freya formally requested they be declassified from the pharmaceutical point source category based on their SIC classification. IEUA and the City reviewed the facilities operations, and after several discussions with EPA Region 9 and Jewlland-Freya it was agreed the industry will remain under the current classification.

Western Metals Decorating in the City of Rancho Cucamonga was issued a Notice of Violation in March for improper operation and maintenance of their pH monitoring equipment. Results of industries investigation determined an electrical short caused a failure of the system. Replacement parts have been ordered. Wastewater batch discharges are being manually monitored for pH until the system is repaired.

Wing Lee Farms in the City of Chino has experienced issues with its grease interceptor. Their consultant has determined the interceptor is undersized. A compliance meeting has been scheduled to discuss upgrading the interceptor.

3. Discussion Items

a. Dental Amalgam Rule

The Southern California Alliance of Publicly Owned Treatment Works (SCAP) Pretreatment Group has consolidated comments received from wastewater agencies concerned about the proposed dental amalgam rule. The comments have been forwarded to EPA. IEUA will update the committee as information becomes available.

b. Draft Local Limits Report

Katie Porter of Arcadis provided an update on the Draft Local Limits Report. She reviewed the Local Limits methodology, including data compilation and evaluation, Pollutants of Concern (POC) identification and screening, Maximum Allowable Headworks Loading (MAHL) and Allowable Industrial Loading (AIL) calculations, and sensitivity analysis. Katie described the process for calculating Uniform Concentration Limits (UCL), Contributory Flow Limits (CFL), and Mass Proportion Limit (MPL) for the POCs. Control strategies for conventional pollutants and TDS were reviewed. Conclusions reached are as follows:

- Methodology is consistent with 2004 USEPA guidance
- Best available data used for analysis
- Recommendations are based on POC-specific conditions
- In general, CCWRF limits were more conservative
- TDS local limits implementation should be monitored to ensure overall compliance

The committee requested an additional week to review the draft report and will submit any questions or concerns to IEUA. A conference call will be scheduled before the next monthly meeting to specifically address any comments with a goal of reaching consensus before presenting the report to the Regional Technical Committee.

c. Future Discussion Topics

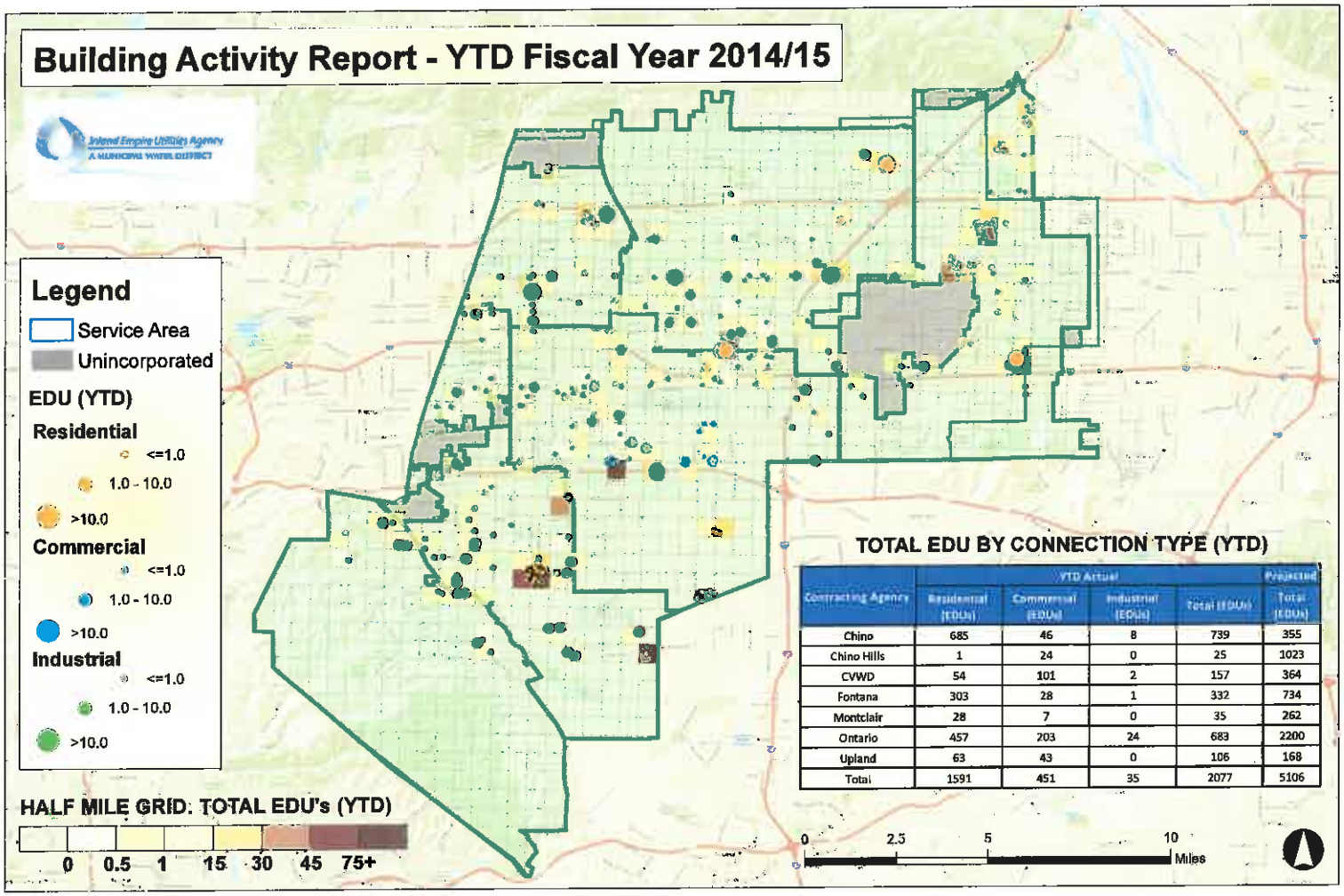
None

The next Pretreatment Committee meeting will be held May 5th, at 1:30 p.m. at IEUA. The meeting adjourned at 2:50 pm.

RECEIVE AND FILE

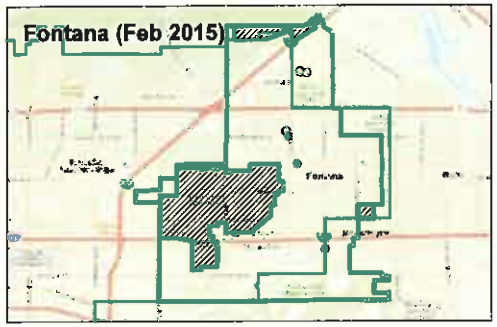
4B

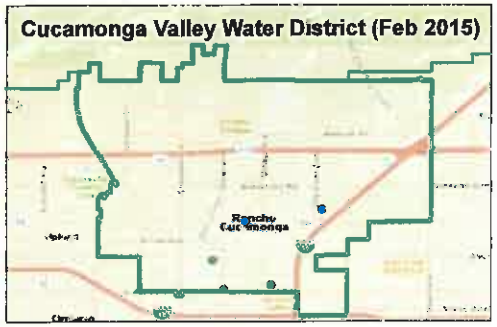
Building Activity Report - YTD Fiscal Year 2014/15

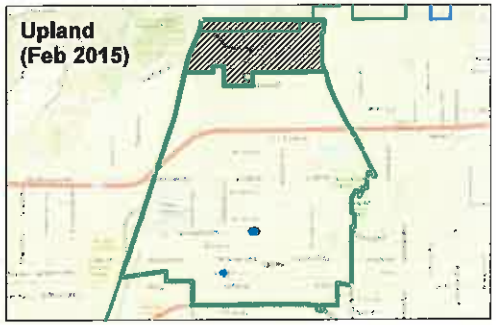


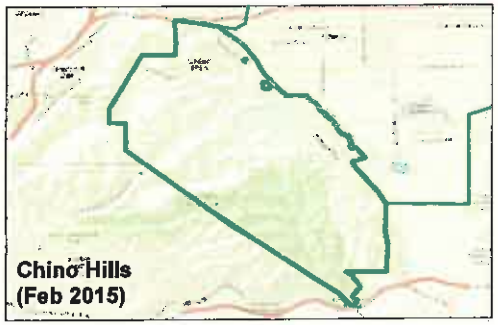
TOTAL EDU BY CONNECTION TYPE (YTD)

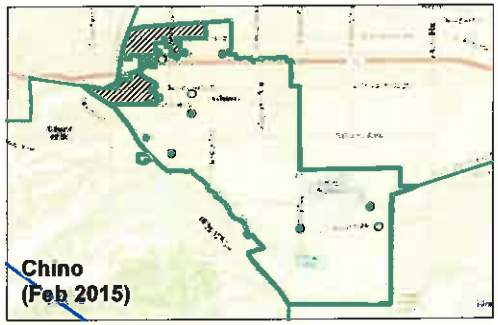
Contracting Agency	YTD Actual				Projected
	Residential (EDUs)	Commercial (EDUs)	Industrial (EDUs)	Total (EDUs)	Total (EDUs)
Chino	685	46	8	739	355
Chino Hills	1	24	0	25	1023
CVWD	54	101	2	157	364
Fontana	303	28	1	332	734
Montclair	28	7	0	35	262
Ontario	457	203	24	683	2200
Upland	63	43	0	106	168
Total	1591	451	35	2077	5106

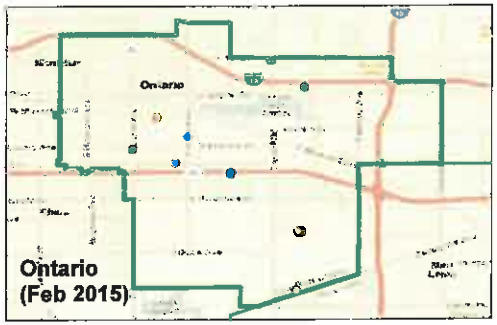


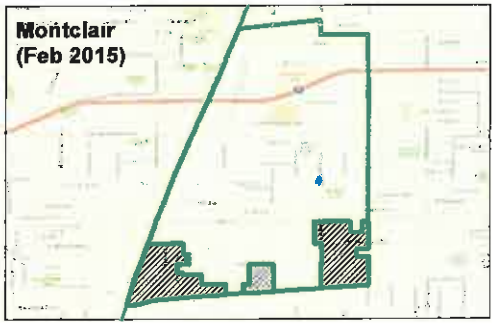








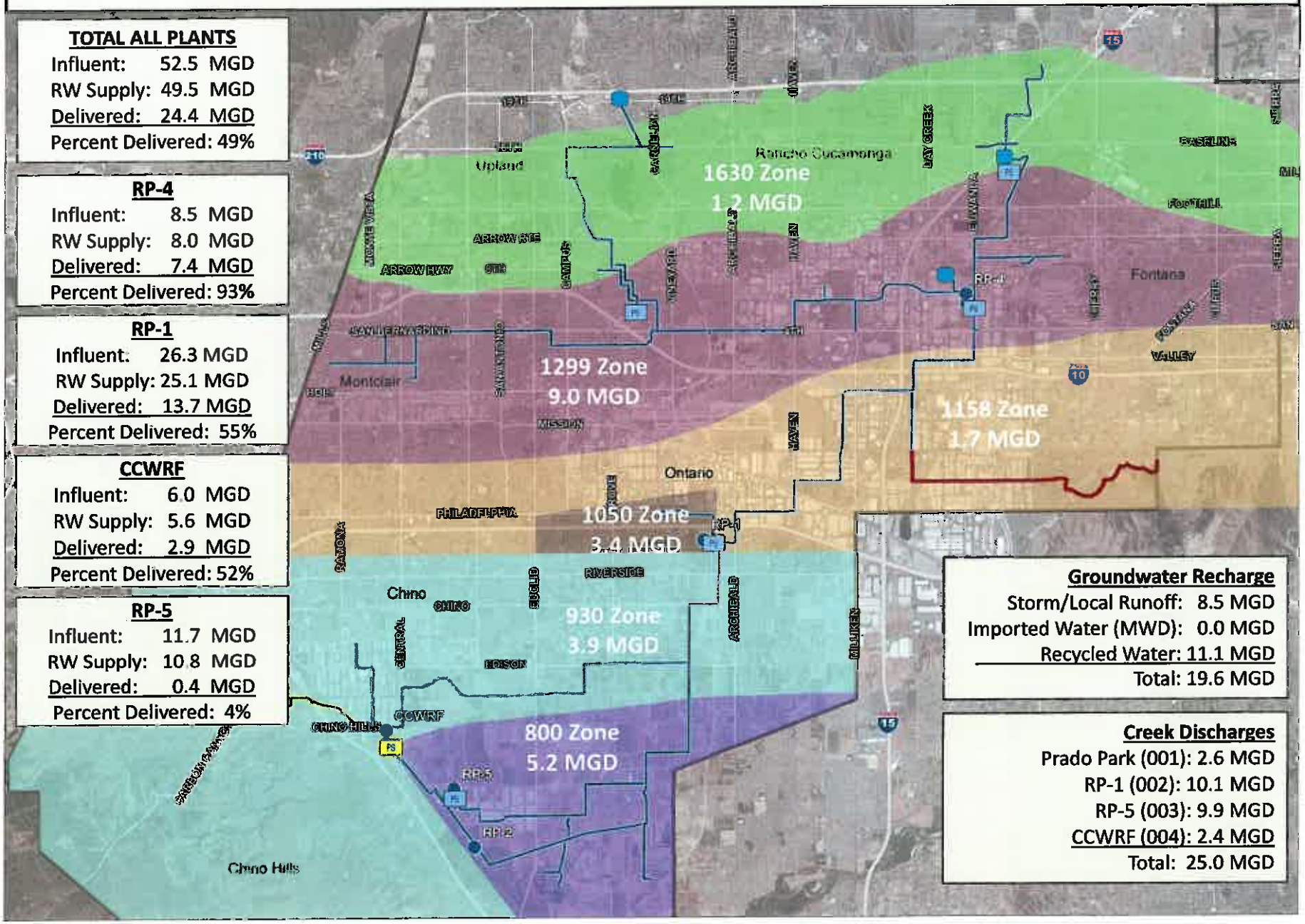




RECEIVE AND FILE

4C

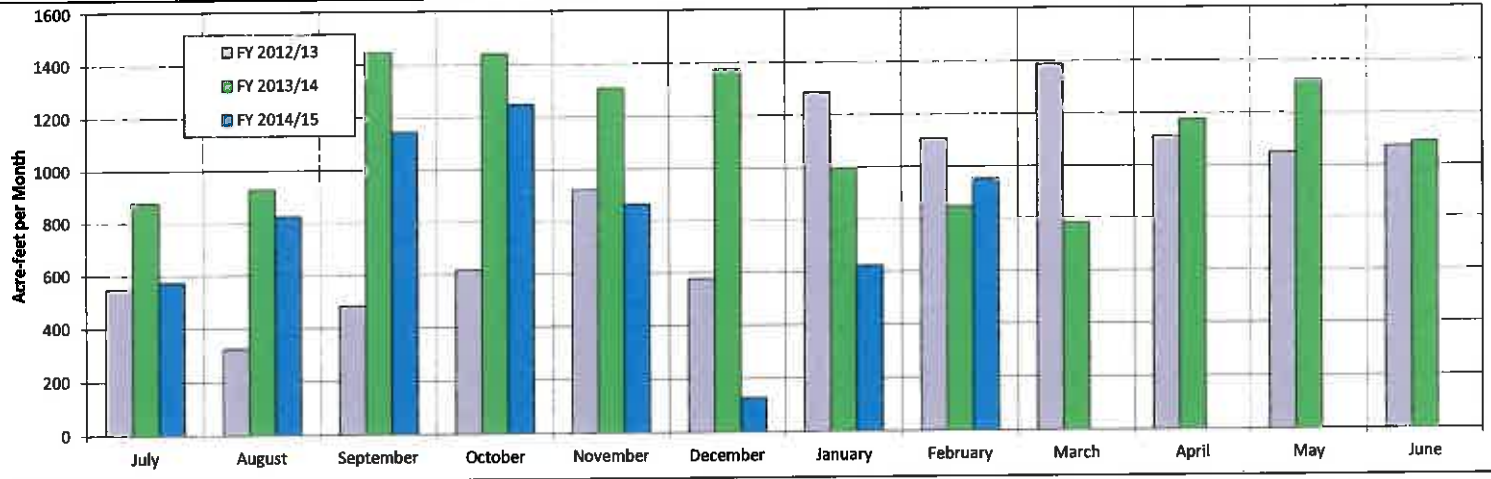
IEUA RECYCLED WATER DISTRIBUTION – FEBRUARY 2015

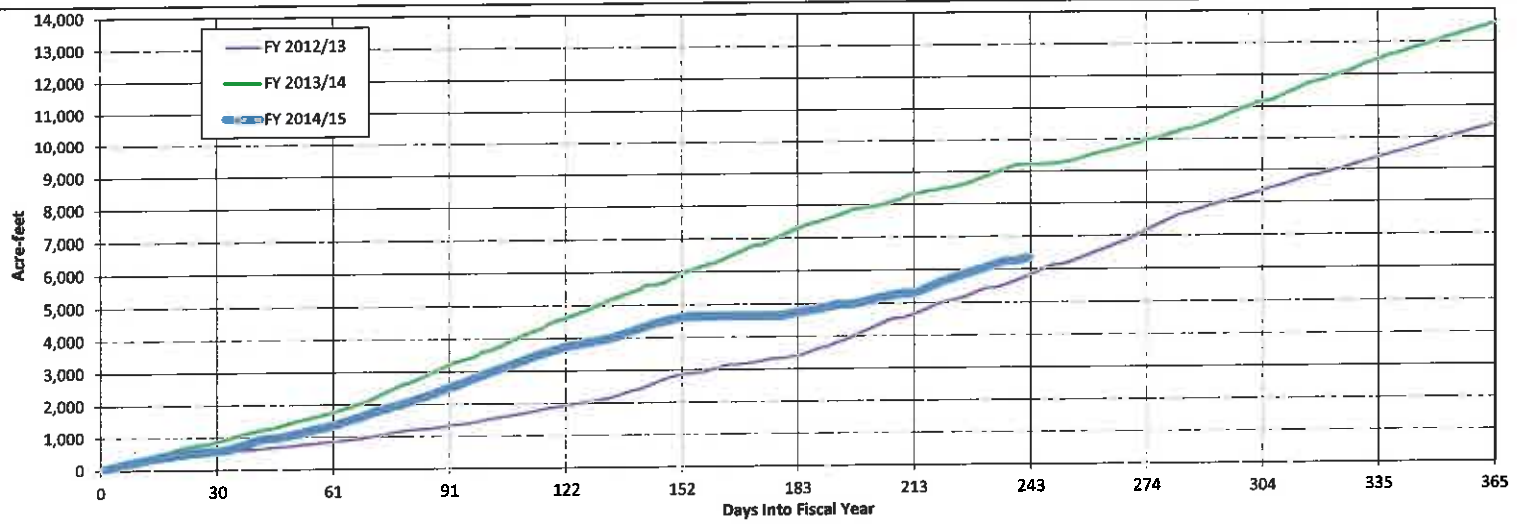


Recycled Water Recharge Deliveries / Plan - February 2015 (Acre-Feet)

Deliveries are draft until reported as final.

Basin	2/1-2/4	2/5-2/11	2/12-2/18	2/19-2/28	Month Actual	Month Plan	Year To Date Actual	Status as of 3/2/15
Ely	51.9	89.9	52.2	28.3	222.4	200	996	Off for rain event
Banana	0.0	0.0	9.0	38.1	47.1	100	791	Off for rain event
Hickory	32.5	73.6	73.9	0.0	179.9	150	1354	Off for rain event
Turner 1 & 2	0.0	0.0	39.7	20.8	60.5	100	569	Off for rain event
Turner 3 & 4	0.0	0.0	5.6	47.3	52.9	50		Off for rain event
8th Street	0.0	0.0	0.0	0.0	0.0	0	48	Off, basin cleaning
Brooks	16.0	24.6	30.7	21.1	92.4	100	565	Off for rain event
RP3	32.9	73.2	61.4	75.6	243.0	200	1482	Off for rain event
Declez	0.0	0.0	0.0	0.0	0.0	0	0	No RW delivery mechanism
Victoria	16.8	37.5	2.6	0.0	56.9	100	552	Off for rain event
San Sevaine	0.0	0.0	0.0	0.0	0.0	0	1	Off
Total	150.0	298.8	275.0	231.2	955.1	1000	6,358	9,222 AF, past FY End of Month Actual





RECEIVE AND FILE

4D

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

IEUA Quarterly Water Update

FEBRUARY 2015

3rd Quarter Update: (Jul 1, 2014—March 31, 2015)

Regional Updates

California's Most Significant Droughts: Comparing Historical and Recent

The Department of Water Resources (DWR) has just released an in-depth report comparing the severity and impacts of California's most significant droughts, including the ongoing drought which began in 2012. Some highlights include: changes in institutional settings that affect California's response to the drought; major water project development, population and irrigated acreage in the state.

DWR Increases 2015 Allocation

December storm runoff and close coordination among federal and state agencies will allow the California Department of Water Resources (DWR) to increase expected water deliveries in 2015 to the State Water Project (SWP) from 10 percent to 20 percent. Final allocation is pending from the DWR and expected by end of April.

Governor Brown Directs First Ever Statewide Mandatory Water Reductions

Governor Edmund G. Brown Jr. announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies that will make California more drought resilient. Implementation of mandatory water reductions in cities and towns to reduce water usage by 25 percent.

Water Supply Programs

* As of end of February 2015

Imported Water Deliveries*

- Total of 41,744 AF Tier I water purchased
- Deliveries have decreased by 6% compared to last FY

Groundwater Recharge Program

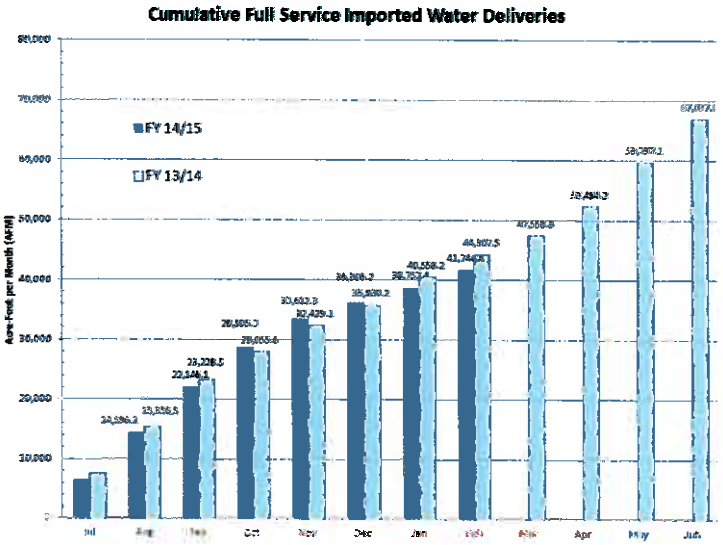
- Total Water Recharged: 14,460 AF
  - Storm Water:/Local Runoff: 6,979AF
  - Recycled Water: 7,481 AF
  - Imported Water: 0 AF

Chino Desalter Authority (CDA)*

- Total production: 17,392 AF
- Delivered to IEUA retail agencies: 10,051 AF

Recycled Water Program*

- Delivered to IEUA retail agencies: 22,325 AF



RECEIVE AND FILE

4E

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Date:	April 30, 2015/May 14, 2015
To:	Regional Committees
From:	Inland Empire Utilities Agency
Subject:	Commercial, Industrial, Institutional (CII) Turf Rebate Update

RECOMMENDATION

This is an information item for the Regional Committees to receive and file.

BACKGROUND

This item was presented at the IEUA Board of Directors meeting on April 15, 2015.

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Date:	April 15, 2015
To:	The Honorable Board of Directors
Through:	Public, Legislative Affairs, and Water Resources Committee *(04/08/15)*
From:	for P. Joseph Grindstaff General Manager
Submitted by:	Chris Berch Executive Manager of Engineering/Assistant General Manager Sylvie Lee Manager of Planning and Environmental Compliance
Subject:	Commercial, Industrial, Institutional (CII) Turf Rebate Update

RECOMMENDATION

This is an informational item for the Board of Directors.

BACKGROUND

The Commercial, Industrial, and Institutional (CII) Turf Removal Rebate Program promotes the removal of high water-consuming turf, encourages participants to install climate appropriate plants, and to convert overhead sprinklers to more efficient technologies such as micro-spray or drip system irrigation. Over 65 percent of the region's water is used to irrigate landscape with outdoor water use representing a major source of waste.

As a part of regional water use efficiency planning and programming, the Agency works with its member agencies to develop an annual budget. A component of that budget includes allocating funding to enhance rebates for Residential and CII customers. Metropolitan Water District (MWD) provides water use efficiency rebates with a base rate. The Agency, in partnership with its members, augments those rebates to increase the base rate and attract greater participation.

In response to the Governor's Drought Declaration and call for an immediate reduction in water use, on July 1, 2014, the Agency and its members increased the regional CII Turf Removal Rebate by adding $1 to MWD's base rebate rate of $2, for a total enhanced incentive of $3. To expand program participation, on July 10, 2014, the Agency issued a press release notifying the public of the $1 increase to the rebate and encouraged Southern Californians to significantly reduce outdoor water use during this exceptional period of drought.

On August 6, 2014, staff reported to the Board that after the issuance of the CII Turf Removal Rebate press release that the program experienced a considerable increase in participant interest, and that it was anticipated customer demand would significantly exceed the existing budget. On October 15, 2014, Staff recommended that the Board approve an inter-fund transfer and loan of $3,000,000 from the Administrative Services Fund to the Water Resources Fund in order to honor current and future requests.

The following table represents the total number of CII turf removal applications that have been received through MWD's Socalwater$mart rebate program from July 1, 2014 through March 11, 2015. A total of 30 applications have been paid to date, representing Agency sponsored funding of $278,573 ($1 per square foot). The remaining applications are in-progress.

IEUA CII TURF REMOVAL
(Total Turf Projects Applications Received through 3-11-15)

Agency	# of Projects	Square Footage	Public		Private		HOA		IEUA Supplemental TOTAL	TOTAL REBATE AMOUNT
			# of Projects	IEUA Supplemental	# of Projects	IEUA Supplemental	# of Projects	IEUA Supplemental		
City of Chino	7	411,820	2	$0	2	$37,137	3	$67,247	$104,384.00	$928,024.00
City of Chino Hills	22	493,421	17	$410,552	1	$42,529	4	$24,610	$67,139.00	$1,464,263.00
Cucamonga Valley WD	31	1,484,902	13	$96,562	14	$135,912	4	$32,748	$168,660.00	$3,235,026.00
Fontana Water Co.	2	18,547	0	$0	2	$18,547	0	$0	$18,546.80	$60,520.40
Monte Vista WD	6	102,043	0	$0	2	$8,790	4	$3,752	$12,542.00	$216,628.00
Ontario Municipal	13	388,270	1	$14,480	8	$308,468	4	$28,239	$336,707.00	$1,127,727.00
City of Upland	9	80,556	0	$0	4	$11,452	5	$69,104	$80,556.00	$241,668.00
TOTALS	90	2,979,558.80	33	$521,594	33	$562,835	24	$225,700	$1,310,128.80	$7,273,856.40

*Note: Totals are subject to change after Post-Inspection

The program continues to be very popular with a high demand from the CII sector. Agency supplemental funding of $1,310,128.80 has been committed to date with $1,879,841.20 remaining in Agency approved funding. In order to ensure that Agency supplemental funding is equitably disbursed; staff is recommending that the Board approve several policy principles:

1. Principle: Set a maximum application funding level for Agency approved supplemental funding ($1 per square foot):

    a. **Option 1**: No maximum application funding limit – this would allow very large projects to consume the entire Agency provided supplemental funding.

    b. **Option 2**: Set a maximum application funding level at $50,000 or a maximum project size of 50,000 square feet. Total projects under 50,000 square feet represent 82 sites.

    c. **Option 3**: Set a maximum application funding level at $100,000 or a maximum project size of 100,000 square feet. Total projects between 50,000 – 100,000 square feet represent 5 sites. Total Projects over 100,000 square feet represent 3 sites.

Staff has reviewed all applications submitted from July 1, 2014 through March 11, 2015 and has determined the average size of CII turf projects to be approximately 33,106 square feet with the majority of projects below 100,000 square foot. Setting a funding level maximum will prevent a few larger CII turf projects from consuming the entire supplemental funding budget while limiting the opportunity for HOAs, smaller public agency projects, or smaller commercial properties from participating in the program.

2. **Principle**: Staff recommends allowing eligibility for CII customers who utilize groundwater supplies for irrigation by allowing CII groundwater users to participate, it will reduce irrigation use and increase available supplies for other uses.

3. **Principle**: Staff recommends allowing eligibility for CII customers who utilize recycled water for irrigation by allowing CII recycled water users to participate, it allows the Agency to utilize additional recycled water supplies for groundwater recharge and assists in reducing peaking demands during the summer months when irrigation usage is at its highest.

While the Agency's supplemental funding is available to accommodate all requests, a modification is necessary to achieve the following objectives in a sustainable manner:

- Increase public awareness regarding use of water efficiency landscaping.
- Transforming the market towards use of more efficient outdoor water use practices.
- Accelerating the region's ability to comply with 20 percent water use reduction by 2020.
- Achieving increased water savings during this critical period of drought.

In addition, Agency staff is currently working with the Santa Ana Watershed Project Authority (SAWPA) on the Department of Water Resources (DWR) Proposition 84 Integrated Regional Water Management (IRWM) Drought Emergency Grant and has confirmed that the Agency is anticipated to receive approximately $683,000 in reimbursements for CII turf removal, specifically related to public sector and homeowner's association projects. To date, the Agency has already met that obligation for grant reimbursement and will be submitting invoicing once an SAWPA and DWR have an executed agreement.

This program is consistent with the Agency's Business Goal of increasing *Water Reliability* by promoting water use efficiency and education to enhance water supplies within the region and meeting the region's need to develop reliable and diverse local water resources in order to reduce dependence on imported water supplies.

PRIOR BOARD ACTION

On October 15, 2014, the Board of Directors approved an inter-fund transfer and loan of $3,000,000 from the Administrative Services Fund to the Water Resources Fund in order to honor current and future CII turf removal application requests.

IMPACT ON BUDGET

The $1,879,841.20 in supplemental rebates committed to date is supported by the approved funding budgeted in the Agency's Water Resources (WW) fund.

Commercial, Institutional & Industrial Turf Rebate Update

April 2015

Inland Empire Utilities Agency

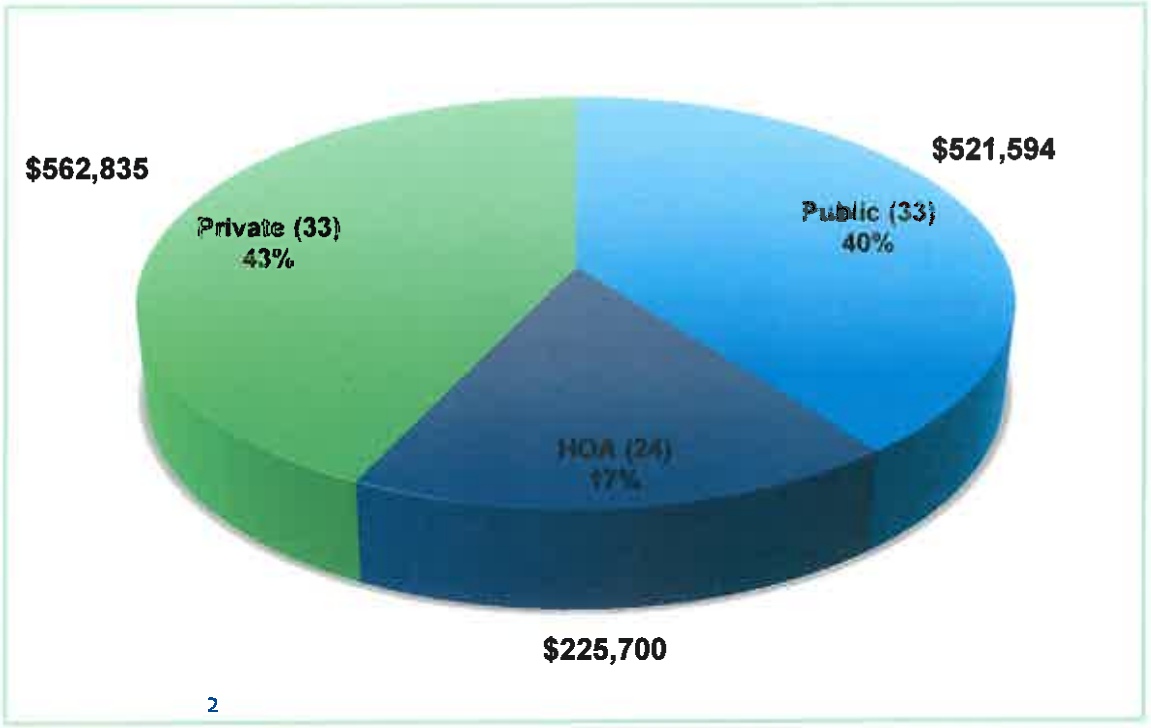
A MUNICIPAL WATER DISTRICT

Sylvie Lee, P.E.,
Manager of Planning

Lisa Morgan-Perales.,
Water Resources Analyst II

Project Scope
IEUA Supplemental Funding
July 1, 2014 – March 11, 2015

* 90 applications received (3.0 M sq. ft.)
* Funding committed ($1.3 M)
* 30 applications paid ($0.3 M)



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Program Budget

$1 / Square Foot Supplemental Funding

Description	Budget
Revised FY 2014-2015 Budget	$3,189,970
IEUA supplemental funding - reserved to date	$1,310,129
IEUA supplemental funding - paid to date	$ 278,573
IEUA supplemental funding – uncommitted	$1,879,841

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Program Scopes

* Total Projects under 50,000 sq. ft. = **82**
* Total Projects between 50,000 – 100,000 sq. ft. = **5**
* Total Projects over 100,000 sq. ft. = **3**

Program Request

* **Principle**: Set a maximum application funding level for Agency approved supplemental funding ($1 per square foot):
  - **Option 1**: No maximum application funding limit – this would allow very large projects to consume the entire Agency provided supplemental funding.
  - **Option 2**: Set a maximum application funding level at $50,000 or a maximum project size of 50,000 square feet;
  - **Option 3**: Set a maximum application funding level at $100,000 or a maximum project size of 100,000 square feet.
* **Principle**: Allowing eligibility for CII customers who utilize groundwater supplies for irrigation.
* **Principle**: Allow eligibility for CII customers who utilize recycled water for irrigation.

Recommendation

- Staff recommends the Board consider approving a maximum application funding level for Agency approved supplemental funding at $100,000 ($1 sq. ft.)

Consistent with the Agency's business goal of increasing Water Reliability by promoting water use efficiency and education to enhance water supplies within the region and meeting the region's need to develop reliable and diverse local water resources in order to reduce dependence on imported water supplies.

Questions?

RECEIVE AND FILE

4F

Inland Empire Utilities Agency

2015 Wastewater Connection Fee Update

FINAL REPORT

April 10, 2015

3150 BRISTOL STREET, SUITE 500 • COSTA MESA, CALIFORNIA 92626 • P. 714.593.5100 • F. 714.593.5101

Inland Empire Utilities Agency

2015 Wastewater Connection Fee Update

TABLE OF CONTENTS

LIST OF TABLES

1.0 INTRODUCTION

The Inland Empire Utilities Agency (IEUA or Agency) is a public agency serving the Inland Empire region as a regional wastewater agency, as well as a wholesale supplier of imported and recycled water. In April 2014, the Agency contracted with Carollo Engineers, Inc. to conduct a Connection Fee Study for the regional wastewater and water systems. This report specifically addresses the wastewater connection fees.

The connection fee study builds on the Agency's other planning efforts that are currently being developed. These efforts include the following:

- Integrated Resources Planning
- Recycled Water Program Strategy
- Recharge Plan Update
- Facilities Master Plan
- Energy Management Plan
- Asset Management Plan
- Long Range Plan of Finance
- Connection Fee/Rate Study

IEUA currently imposes Wastewater capacity fees of $5,107 per equivalent dwelling unit. The objective of the connection fee study is to update the wastewater connection fees as appropriate based on current system values and proposed capital improvements; and to develop a new connection fee for the Agency's water system. In order to determine conformance with industry standards and principles, legal requirements, and the Agency Board policy, the following criteria were used in evaluating the validity of the connection fee process:

- Do the connection fees represent a reasonable nexus to the costs incurred by the Agency on behalf of future customers and the benefits received?
- Is the allocation approach consistent with industry practices and California Government Code §54999.7 and §66013?
- Is it likely that the allocation approach will be appropriate for use by the Agency in the future?

The connection fee analysis is based upon a point in time calculation based on the FY 2012/13 Fixed Asset Schedule, current IEUA Ten Year Capital Improvement Plan (CIP), projected flows, and other Agency Data. This report presents Carollo's findings and proposed adjustments to the existing Connection Fees.

2.0 BACKGROUND

2.1 Regional Wastewater System

IEUA's regional wastewater system provides collection, treatment, and disposal of municipal wastewater for the residents and businesses within its service area. The seven member agencies within IEUA's wastewater treatment service area include the City of Chino, the City of Chino Hills, Cucamonga Valley Water District, the City of Fontana, the City of Montclair, the City of Ontario, and the City of Upland. In all, IEUA's wastewater system serves nearly 850,000 residents in a 242 square mile area of western San Bernardino County, and treats an average of 56 million gallons of wastewater per day.

2.1.1 Wastewater Collections

The regional collection system transports wastewater from the member agencies to IEUA's wastewater treatment facilities. The major assets of the collection system includes 94 miles of wastewater interceptor pipes, 72 miles of non-reclaimable wastewater pipes, and four wastewater lift stations. Other collection system assets include manholes, SCADA systems, and various auxiliary equipment.

2.1.2 Wastewater Treatment

IEUA owns, operates, and maintains five wastewater treatment plants located throughout the service area. The plants are interconnected via the regional collections system bypass pipelines. Table 2.1 provides a brief description of each plant.

Table 2.1 Treatment Facilities

Plant		Location	Treatment Processes	Notes
Carbon Canyon Water Recycling Facility	CCWRF	Chino	Primary, Secondary, Tertiary	Solids conveyed to RP-2 for treatment
Regional Water Recycling Plant #1	RP-1	Ontario	Primary, Secondary, Tertiary, Solids	
Regional Water Recycling Plant #2	RP-2	Chino	Solids Treatment Only	Liquids removed during solids processing are conveyed to RP-5
Regional Water Recycling Plant #4	RP-4	Rancho Cucamonga	Primary, Secondary, Tertiary	Solids conveyed to RP-1 for treatment

Table 2.1 Treatment Facilities				
Plant		**Location**	**Treatment Processes**	**Notes**
Regional Water Recycling Plant #5	RP-5	Chino	Primary, Secondary, Tertiary	Solids conveyed to RP-2 for treatment

3.0 CONNECTION FEE OVERVIEW

Connection fees are a method by which local agencies can impose charges to offset the costs of new customers connecting to their water, wastewater, or other utility or infrastructure systems. Capacity fees are governed by California Government Code §66000, which provides a legal framework for the applicability, assessment, and imposition of capacity fees. There are various methods to calculate capacity fees; the most appropriate method for any system is dictated by the system's specific characteristics. The proposed capacity fees represent the maximum fees that the Agency can impose based on the calculations as discussed in this report.

3.1 Statutory Requirements

A connection fee that is levied on users of a wastewater utility is subject to the requirements of Chapter 13.7 (commencing with Section §54999) of Part 1 of Division 2 of Title 5 of the California Government Code relating to the imposition of charges on customers that are public agencies. Connection fees are also subject to the requirements of Government Code §66013. Connection fees are "charges for facilities in existence at the time the charge is imposed or charges for new facilities to be constructed in the future, which are of benefit to the person or property being charged." Section §66013 provides that connection fees "shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed." Section §54999.7 establishes a similar cost-of-service requirement. As determined by *Richmond v. Shasta Community Services Dist. (2004) 32 Cal. 4th 409*, Connection fees are not subject to the provisions of California Constitution article XIII D (Proposition 218). A connection fee is imposed on new connections in order to recover a fair and equitable share of the costs of capacity within the utility facilities. A key tenet in adopting these connection fees is: "growth pays for growth." This means that the costs associated with building excess capacity to serve new customers ultimately should be borne by those new users who benefit from this available capacity.

3.2 Connection Fee Methodologies

Two general types of connection fees are used to recover system investments from new users. They are the System Buy-In Approach and the Incremental Cost Approach. Additionally, utilities

can elect to use a Hybrid Approach that combines the Buy-In and Incremental Approaches. While all are valid, the best approach is dictated by each system's specific characteristics.

3.2.1 Buy-In Approach

Utilities often construct infrastructure capacity to meet projected future demands. The purpose of the Buy-In approach is to recover costs that have already been incurred by the Agency. Existing customers have paid for this system over time through their user rates and fees (through direct capital financing or retired debt). The Buy-In approach provides a mechanism to reimburse existing system users for the carrying costs of constructing system capacity that is available to be used by future users. In this sense, the Buy-In approach segregates the existing system value into costs for existing customers and costs for future users.

There are further considerations when calculating the Buy-In approach. Given that the existing system was constructed over time, the original cost of constructing the system neither accurately reflects the current value of that system nor the cost to construct the facilities today. Consequently, original costs were escalated to Fiscal Year 2014/15 dollars using Engineering News Records Construction Cost Index (ENR-CCI). The Agency's FY 2012/13 fixed asset records were used as the basis for this analysis, which included original costs, acquisition dates, and estimated useful lives.

Replacement costs alone might not be the best estimate of system value, because system assets have a finite lifespan and must be replaced and/or rehabilitated in time. The Agency adjusts the existing cost basis by deducting straight-line depreciation. Accumulated depreciation is determined by dividing the age of each asset by the projected useful life and reducing the asset value by that percentage. By accounting for accumulated depreciation in the Buy-In cost approach, the Agency may recover a proportionate value of capital improvements that will replace depreciated assets or will be undertaken to extend the useful lives of these assets through the future cost component of the connection fee.

The Buy-In approach should not include costs of assets that were grant-funded or donated assets and should only include those costs incurred by the Agency ratepayers for the development of the existing system, which includes the accumulation of fund reserves as well as expenses associated with construction in progress.

Finally, in the calculation of the Buy-In approach, the existing system value is segregated into the portions for existing customers and future users. This is achieved by determining the approximate share of each asset that benefits existing customers and the share that is available to benefit future users. This is calculated on a percentage of capacity basis for major unit processes like primary treatment, secondary treatment, and tertiary treatment and on an average basis for all other assets.

The Buy-In approach divides the value of the existing system available to serve future users by the total number of future users that are expected to benefit from the system in order to calculate the connection fee.

$$Buy\ In\ Connection\ Fee = \frac{Value\ of\ the\ Available\ System}{Expected\ Future\ Users}$$

3.2.2 Incremental Approach

The Incremental approach recovers the cost in present value (2014/15) dollars of the Agency's planned investments that it will undertake to add to serve future development. Projects included in the Agency's capital improvement program have two primary purposes – maintain reliability of existing infrastructure; and increase system capacity. In the Incremental approach, the future system value is segregated between those two purposes. The costs of each project is associated in some percentage to either or both of these purposes. This is achieved by determining the approximate portion of each asset that benefits either existing customers or future users. In the incremental approach, the current value of planned capital improvements that will serve future users through the Agency's planning horizon of 2035 is divided by the expected number of future users through 2035.

The future cost basis accounts for capacity related improvements that will be constructed through 2035. The costs of these improvements are estimated in present value terms (2014/15 dollars). Costs are fairly and reasonably spread over all future users by dividing the total system value by the total number of future users that are projected to receive wastewater service by 2035.

$$Incremental\ Capacity\ Fee = \frac{Capacity\ Related\ CIP}{Expected\ Future\ Users}$$

3.2.3 Hybrid Connection Fee Approach

The Hybrid (Combined) Approach combines the Buy-In and Incremental approaches. Current system value is added to the costs of capacity related capital projects, and divided by the expected future customers.

$$Hybrid\ Connection\ Fee =$$

$$\frac{Value\ of\ the\ Available\ System}{Expected\ Future\ Users} + \frac{Capacity\ Related\ CIP}{Expected\ Future\ Users}$$

3.2.4 Recommended Approach

Based on the characteristics of the Agency's wastewater system and discussion with Agency Staff, Carollo recommends that the hybrid approach be used for the calculation of the wastewater connection fee. IEUA's wastewater system holds available capacity that has been funded by existing users, which drives the need for a Buy-In component. Additionally, the CIP is designed to expand system capacity, calling for an incremental component. Using the hybrid

approach establishes a nexus between the value of the existing and future system, and between the benefits of capital investments to existing customers and future users. The hybrid approach is commonly utilized by other agencies such as the comparable agencies of the City of Las Vegas, Sacramento Regional County Sanitation District, and the San Diego County Water Authority.

4.0 WASTEWATER CONNECTION FEES

In order to calculate the Hybrid connection fee for IEUA, based on the equation presented above, three separate steps must be taken as follows:

1. The Value of the Available System must be determined. This includes determining the value of the existing assets and then adjusting that value based on the share that is available to serve future users. However, this adjustment will be presented after the calculation of the existing system since the future users' share of the other components of the existing system (reserves and construction in progress costs) cannot be determined until the number of expected future users is determined. Similarly, the property tax credit received by connecting customers cannot be determined until the number of expected future users is determined.

2. The Capacity Related CIP, or synonymously the Value of the Future System, and the portion allocated to future users must be determined.

3. The Number of Expected Future Users must be determined.

The following sections of the report outline the process to determine each of these steps.

4.1 Value of Available System

In order to determine the Value of the Available System, the value of the existing system must be determined and must account for reserves, construction in progress a property tax credit, and the portion that is available for future users. This section presents the value of the existing system and the adjustments made for reserves, construction in progress, and property tax credit. A later section in the report shows how the value is adjusted to become the value of the available system.

4.1.1 Net Capital Asset Equity

Net capital asset equity represents the current value of the physical wastewater or water systems funded by existing ratepayers, less accumulated depreciation. This approach accounts for the fact that system assets have been in service and no longer have the full useful life. The terms related to the calculation of net capital asset equity are defined as shown below.

1. Replacement Cost New- Current value of the existing water or sewer system. Original costs are escalated to Fiscal Year 2014/15 dollars using Engineering News Record Construction Cost Index (ENR-CCI).

2. Capital Costs Not Funded by Existing Ratepayers- These include developer-funded assets and are excluded from the ratepayers' equity calculation.

3. Construction in Progress- capital projects currently under construction or recently completed, not captured in the Existing Plant-In-Service asset records.

4. Depreciation- Represents the loss in value of the system as the useful life of that asset is exhausted.

Throughout the remainder of this report, the value of the physical system will be referred to as Replacement Cost New Less Depreciation (RCNLD).

4.1.1.1 Valuation of Physical Assets

The RCNLD represents the value of each system's physical assets. The RCNLD for each system was calculated based on the Agency's Fixed Asset Schedule (physical asset records). The RCNLD of all Agency Fixed Assets are summed into different assigned asset groups. The cost of each asset in the wastewater group was then allocated between flow, BOD, and TSS according to its association with different unit processes in the treatment process. The different unit processes and distribution of costs associated with that process are presented in Table 4.1. The values in Table 4.1 are based on allocations among the billable constituents of flow, BOD, and TSS, based on design criteria for sizing each unit process. The derivations of these allocations are described in more detail in the first part of Appendix A (typed portion).

The second part of Appendix A (handwritten portion) explains how the allocations were made to the existing and future customers (growth) for each existing asset and capital project. The information in Appendix A is then used to allocate the existing assets. The result of this allocation is shown in Appendix B. This is a two-step process.

In the first step the assets are allocated on a unit process basis to the constituents of flow, BOD, and TSS, For example, the fifth asset listed in Appendix B is the RP-5 Aeration Basin. Since an aeration basin is an Activated Sludge process (also considered secondary treatment), the value of it is allocated 100% to BOD, as shown in Table 4.1.

In the second step, the assets are allocated to existing and future customers. Using the same RP-5 Aeration Basin from the first step, it has some existing capacity for future customers (growth), as described in the second part of Appendix A (see Appendix A, page 4 of 15 of the handwritten sheets – the aeration basin is a secondary treatment process and 33% of its capacity is for future customers (growth)).

This two-step process was used to allocate the value of each of the fixed assets in Appendix B.

Table 4.1 Unit Process Allocation			
Unit Process	**Flow**	**BOD**	**TSS**
Collection System	100%		
Preliminary Treatment	100%		
Primary Clarifiers	80%		20%
Activated Sludge		100%	
Secondary Clarifiers	80%	20%	
Tertiary Treatment	100%		
DAF Thickening (WAS)		100%	
Gravity Thickening (Primary Sludge)			100%
Anaerobic Digestion		45%	55%
Sludge Dewatering		45%	55%
Sludge Disposal		45%	55%

It should be noted that some assets cannot be easily classified into the unit processes listed in Table 4.1. For example, the cost of assets such as yard piping, odor control, and instrumentation that support the general function of the facility are otherwise unassignable to any specific unit process. For those assets, the weighted average of the allocation of all the other assets was used. The weighted average of the total asset allocations factors for flow, BOD, and TSS are presented in Table 4.2.

Table 4.2 Asset Allocation Factors	
Billable Constituent	**Allocation**
Flow	44%
BOD	34%
TSS	21%

The total RCNLD for the Agency's wastewater group assets and the total costs that have been allocated between flow, BOD, and TSS are presented in Table 4.3.

Table 4.3 Value of Fixed Assets			
Flow	**BOD**	**TSS**	**Total**
$276,273,054	$180,302,439	$114,170,620	$570,746,114

4.1.2 Value of Fixed Assets Available for Growth

As described above as the second step, the value of capacity in the existing system still available to serve future users (growth) for each existing asset is shown in Appendix B. Table 4.4 summarizes Appendix B by presenting the total RCNLD from Table 4.3 and the portion that is available to serve future users (growth). It also shows how the total value to serve future customers is broken down into each billable constituent of flow, BOD, and TSS.

Table 4.4 Value of Fixed Assets Available for Growth

Allocation	Flow	BOD	TSS	Total
Total Asset Value	$276,273,054	$180,302,439	$114,170,620	$570,746,114
Assets for Growth	$65,000,914	$50,002,336	$31,438,329	$146,441,580

4.1.3 Reserves

The fund balances at the beginning of FY 2014/15 in the Administrative Services Fund, Regional Wastewater Capital Improvement Fund, Non-Reclaimable Wastewater Fund, and the Regional Operations and Maintenance Fund collectively make up the Reserves component of the value of the existing wastewater system. Other funds, which have not been included within this wastewater connection fee calculation, are associated with either the water or recycled water systems. Table 4.5 presents the wastewater fund balances at the beginning of FY 2014/15. Only a portion of the Administrative Services Fund, proportionate to the percentage of all Fixed Assets that are associated with wastewater, is included in the value of the existing wastewater system. This portion of the Administrative Service Fund is included because it is an asset that future users benefit from that has already been paid for by existing users.

Table 4.5 Reserves

Fund	Balance
Administrative Services (GG)	$14,544,155
Non-Reclaimable Wastewater (NC)	4,502,755
Regional Wastewater Capital Improvement (RC)	60,856,307
Regional Operations and Maintenance (RO)	30,215,738
Total Wastewater (RO, NC, RC)	**$110,128,955**

Each reserve balance represents monetary value that a new user buys into when they join the system. Therefore, reserves are assets that are divided amongst both the existing customers and future users in the system. After estimating the number of future users in the system in a later section, the future users' share of the reserve balances can be calculated. The portion of the reserves that are allocated to the connection fees is based upon the ratio of the future users EDUs to total EDUs at the end of the planning period in 2035 (future users plus existing users). The Administrative Services Fund, Regional Wastewater Capital Improvement Fund, Non-

Reclaimable Wastewater Fund, and the Regional Operations and Maintenance Fund are all assets that benefit both existing customers and future wastewater users. Therefore, they are included in the value of the existing system as costs for which future users must reimburse existing customers.

4.1.4 Construction in Progress

The Agency's Construction in Progress are costs associated with the portion of Capital Improvement Plan projects that have been expensed. However, the projects are not yet recorded as Fixed Assets. These can include construction-in-progress projects as well as projects completed in a fiscal year. In this case we are concerned with projects from FY 2013/14 because they are projects that are not included in the fixed asset list described above and are also not included in the future capital projects, which will be described below. We have allocated these projects to growth and existing users on a project-by-project basis in the same fashion that the fixed assets were allocated. Table 4.6 below presents the results of these calculations. A listing of these projects is included at the end of Appendix B.

Table 4.6 Construction in Progress & Completed Projects FY 2013/14

Fund	Total Construction in Progress Costs ($ millions)	Costs Allocated To Growth ($ millions)	Costs Allocated to Existing Customers ($ millions)
Construction in Progress Projects in FY 13/14, Escalated	$13,395,388	$4,377,581	$9,017,807
Completed Projects in FY 13/14, Escalated	$14,754,564	$7,205,444	$7,549,120
Total Construction in Progress and Completed Projects in FY 13/14, Wastewater Fund, Escalated	**$28,149,952**	**$11,583,026**	**$16,566,926**

4.2 Value of Future System

4.2.1 Capital Projects

The value of the future system is determined by evaluating the capital investments that will add capacity to serve future users. As noted previously, IEUA has developed several planning documents to help determine the need for capital investments. These documents include Capital Improvement Plans (CIPs) for both the Water and Sewer systems through 2035. Only the projects that provide a benefit to future users are included as a cost element in the calculation of connection fees.

The Wastewater CIP project types that are included in the calculation of the connection fee include the following:

- Agency Headquarters improvements
- New Agency Laboratory facilities

- Agency Lift Station expansion and upgrades
- Agency-wide repairs and improvements
- New Business Network and Process Automation Control Network upgrades
- Upgrades to the Carbon Canyon Water Recycling Facility
- Upgrades to the Inland Empire Regional Composting Facility
- Expansions and upgrades to the Regional Conveyance System
- RP-1 Sludge Improvements and Expansion
- RP-2 Decommissioning
- RP-4 Improvements and Expansion
- RP-5 Improvements and Expansion

The future capital projects that add capacity specifically benefitting future development or upgrade the system in a manner that benefits both future and existing users are evaluated on a project-by-project basis to determine the amount that should be allocated to future users. Based on this approach, projects that are undertaken strictly to expand capacity for future users are allocated 100% to future customers. Projects that upgrade the system in order to meet regulatory requirements or rehabilitate assets that have reached the end of their useful lives, are allocated to both existing and future users proportionate to capacity requirements. It is important to note that the value of the existing system assets have been reduced by depreciation in order to prevent double counting of asset values.

The calculations for these allocated amounts are included in Appendix C. The method for allocating these costs is identical to the two-step method described above for the fixed assets. However, the methodology is applied to a different list of assets, in this case future assets (CIP projects) that are allocated to both existing and future customers (growth).

Table 4.7 summarizes the portion of the project costs, by fund, that are allocated to future users and that are planned for the Agency's wastewater system through 2035. It should be noted that regardless of which fund the capital projects are listed in (e.g., GG, RC, RO) they are all capital projects and can have allocations to both existing and future customers (growth). For example, a project being listed in the RO fund does not mean that it does not have excess capacity that is available for growth. A specific example is the RP-5 Solids Treatment Facility (RP-2 Relocation). Some of the new facilities will be for existing customers (47%) and some will be for future customers (growth – 53%).

Table 4.7 Wastewater Capital Improvement Projects by Fund			
Fund	**Total Wastewater Project Costs ($ millions)**	**Total Costs Allocated to Growth ($ millions)**	**Total Costs Allocated to Existing Customer ($ millions)**
Administrative Services (GG)	$28,249,010	$10,988,701	$17,260,309
Regional Wastewater Capital Improvement (RC)	401,396,950	272,253,286	129,143,664
Non-Reclaimable Wastewater (NC)	33,174,000	7,961,760	25,212,240
Regional Operations and Maintenance (RO)	345,532,951	138,397,835	207,135,116
Residuals Management & Organics Mgmt (RM)	18,175,000	6,724,750	11,450,250
Total Wastewater (GG, RC, NC, RO, RM)	**829,377,911**	**$436,326,332**	**$390,201,579**

Notes:

(1) 95% of the costs in the CIP that are both associated with the GG Fund and allocated to growth are spent towards projects to develop the wastewater system. 5% are allocated towards the Water Resources CIP. 95% of the GG Fund capital expenses are included here.

4.2.2 Allocation of Projects in Non-Reclaimable Wastewater System

The IEUA has a Non-Reclaimable Wastewater (NRW) system (see Table 4.7 for capital costs). The NRW system is divided into two zones: a northern collection system that conveys wastewater to the Los Angeles County Sanitation Districts for treatment and ocean disposal, and a southern collection system that conveys wastewater to Orange County Sanitation District for treatment and ocean disposal. The IEUA discharges the centrate produced in the RP-1 dewatering process to the NRW system. In addition, some industries discharge to the system to lessen the impact of their high salinity discharges on the IEUA treatment facilities. Finally, domestic wastewater can be bypassed to the NRW system, if needed.

The primary function of the NRW system is to export high salinity wastewater out of IEUA's service area. The NRW system is a key element in the IEUA's salinity management program. Without this system, IEUA would not be able to meet their effluent discharge requirements for salinity without adding expensive advanced treatment to their facilities (e.g., Reverse Osmosis). In 2013, a study was completed to estimate the capital costs of using advanced treatment, instead of the NRW system, for disposal of high salinity wastewater. The result was that advanced treatment would cost approximately $200 million. In addition, exporting the high salinity wastewater improves recycled water quality for both direct use and for groundwater recharge. The benefits of not having to spend $200 million on advanced treatment and of higher quality recycled water accrue to all of the customers in the IEUA service area. Because the benefit is for all customers, the capital costs for the NRW system that are shown in Table 4.7 are included in the allocation of costs to both existing customers and for growth (future customers).

The portion of the NRW capital costs that have been allocated to growth are based on the average allocation to growth of the RP-1 treatment facilities, which is 24%. Alternatively, the overall allocation to growth of all of the RP-1 facilities could have been used (28%). However, since all of the NRW projects over the next 20 years are related to the portion of the NRW system that is in the RP-1 service area, the 24% value was used.

4.3 Customer Base

As stated above, connection fees are calculated by dividing the monetary value of the existing and/or future system by the number of existing and/or future customers. The number of customers is typically expressed as equivalent dwelling units (EDUs).

4.3.1 Equivalent Dwelling Unit

An (EDU) is the measure of a customer's impact on the wastewater system as a ratio to the impact of a typical single-family residence. A commercial customer's impact is calculated based on this ratio while a single-family residence is assumed to have the impact of exactly one EDU. The number of EDUs in the wastewater system is calculated through a series of steps.

1. Determine the EDU flow and loading assumptions.
2. Allocate the existing and future assets to existing customers and future users. This is explained in sections 1.1 and 4.4 regarding the Value of Future System and Value of Available System.
3. Allocate assets to the billable constituents of flow, BOD and TSS. This is explained in Valuation of Physical Assets section of this report.
4. Determine the System flow and Loadings.
5. Determine the Asset Allocation Factors.

6. Calculate the number of EDUs.

4.3.1.1 EDU flow and Loadings Assumptions

The first step is to determine the appropriate values assumed flow, BOD, and TSS for a single-family residence. Due to the effect of conservation efforts, appliance efficiencies, and construction approaches, the per capita water consumption has trended downwards since the last time the Agency calculated single-family residential water consumption and wastewater flow. Utilizing the common assumption that single-family indoor water usage can be used as a proxy for single-family wastewater flows, it can be assumed that single-family wastewater flows have decreased in proportion to the decrease in indoor water consumption. In order to incorporate these effects, Carollo utilized a new indoor water consumption forecast provided by the Agency to represent wastewater flow per EDU. In the Integrated Resources Planning document, the Agency provided an indoor water consumption estimate of 55 gallons per capita per day (gpcd) that was utilized in this calculation to represent wastewater flow, from 2015 through 2035. The Agency also provided projections of singe-family residential units and densities through the year 2035. This data was used to calculate a weighted average of wastewater flows per single-family residence of 195.25 gpcd in Table 4.8.

Table 4.8 Updated Unit flow Assumption

Year	SFR Units	SFR Density	SFR flow, gpcd	SFR Unit flow, gpd
2015	170,447	3.58	55	196.9
2020	178,394	3.52	55	193.6
2025	187,488	3.54	55	194.7
2030	197,642	3.55	55	195.25
2035	207,794	3.56	55	195.8
Weighted Average SFR Unit flow				**195.25**

While this calculation illustrates a decrease in EDU wastewater flows from the prior assumption of 270 gpd, which is the basis of IEUA's contract with its Member Agencies, it is important to note that the per capita loadings are assumed to remain constant. Although Agency customers are consuming less water, the quantity of loadings into the system per capita have not decreased. Therefore, single-family BOD and TSS loading concentration assumptions must be adjusted in order to compensate for the decrease in the flow assumption from 270 to 195 gpd. The BOD and TSS Loading/day assumptions listed in the "Updated" column of Table 4.9 represent the new assumptions utilized in the EDU calculations.

Table 4.9 Updated Unit Loading Assumptions				
	Current		Updated	
Constituent	Concentration	Loading/day	Concentration	Loading/day
flow	270 gpd	270 gpd	195 gpd	195 gpd
BOD	230 mg/L	.518 lbs/day	318 mg/L	.518 lbs/day
TSS	220 mg/L	.496 lbs/day	304 mg/L	.496 lbs/day

4.3.1.2 System flow and Loadings

Using the system flow values and projections in conjunction with influent loading concentrations at each regional water recycling plant, as developed in the Facilities Master Plan, the current and projected loadings totals at each plant can be calculated. These calculations are presented in detail in Appendix D. Table 4.10Total Loadings presents the current and projected flow and loadings totals.

Table 4.10 Total Loadings			
	flow, mgd	BOD, lbs/day	TSS, lbs/day
Current	55.7	186,386	182,492
Future	73.5	240,078	232,751
Increase	17.8	53,692	50,259

4.3.1.3 Wastewater EDU Calculation

The equation below shows the calculation that is used to determine the number of EDUs in the current IEUA wastewater system. It incorporates the updated EDU flow and loadings assumptions, the current system flow and loadings totals, and the asset allocation factors presented above (flow: 44%; BOD: 34%; and TSS: 21%).

$$EDUs = Flow\% * \frac{current\ flow}{flow\ per\ EDU} + BOD\% * \frac{current\ BOD}{BOD\ per\ EDU} + TSS\% * \frac{current\ TSS}{TSS\ per\ EDU}$$

Future EDUs are calculated with the same formula using the increase in flow and loadings totals from Table 4.10 instead of the current flow and loadings totals.

Table 4.11 presents the results of these two calculations.

Table 4.11 Customer Base; Total EDUs	
Existing EDUs in System (Existing Customers)	328,459
Future EDUs (Users to join by 2035)	97,606
Total Customer Base in 2035	**426,066**

4.4 Value of the Future Users Share of the Existing System

As described above, the allocated share of the Value of the Available System was calculated proportionate to the remaining and available system capacity. Assets and future capital projects that equally benefit existing and future users are allocated proportionally based on the number of current and projected EDUs. Finally, future capital improvements that are undertaken strictly to provide future system capacity to serve future users are allocated strictly to future users.

The future users' share of the fixed assets, the reserves, and the property tax credit are shown in the section below.

4.4.1 Future Users' Share of Reserve Funds

There are expected to be 426,066 EDUs in the system by 2035, of which 97,606, or 23%, are new EDUs. Therefore, the future users benefit from 23% of the reserves. Table 4.12 presents the fund balances at the beginning of Fiscal Year 2014/15 as well as the future users' share of existing reserve fund balances.

Table 4.12 Future Users' Share of Reserve Funds		
Fund	**Balance**	**Future's Share**
Administrative Services (GG)	$14,554,155	$3,334,175
Non-Reclaimable Wastewater (NC)	4,502,755	1,031,525
Regional Wastewater Capital Improvement (RC)	60,856,307	13,941,419
Regional Operations and Maintenance (RO)	30,215,738	6,922,048
Total Wastewater (RO, NC, RC)	**$110,128,955**	**$25,229,167**

4.4.2 Total Value of Existing Wastewater System

The sum of the future users' share of the existing assets and reserves in the existing wastewater system is presented in Table 4.13.

Table 4.13 Total Value of Available System	
Wastewater Assets	$146,441,580
Wastewater Reserves	25,229,167
Construction in Progress	11,583,026
Total Value of Available System	**$183,253,772**

4.4.3 Property Tax Credit

The Agency provided a record of property tax receipts dating back to FY 1998/99. Over that period, the Agency collected $279 million in property tax revenue to fund wastewater O&M expenditures, debt service, and direct capital costs. $18.7 million of that amount was available for wastewater capital projects. After adjustment for inflation, using ENR-CCI, the present value of the recorded property tax receipts used to finance capital projects totals $25.0 million. This total was collected from the property tax of both developed and undeveloped properties. The Agency will only credit the portion that is associated with undeveloped properties. This credit is intended to adjust down the connection fee of the new connection by the amount that the undeveloped property has contributed to the existing system before connecting.

In order to estimate the share of the total amount of property taxes that was collected from undeveloped properties, it is assumed that the share is proportionate to the number of new EDUs to be constructed through 2035 relative to the total number of system users by 2035, which equates to 23%. Table 4.14 presents the results of this approach.

Table 4.14 Property Tax Credit	
Present Value of Recorded Property Tax Net of Debt and O&M	$24,975,327
% Contributed by Undeveloped Properties	23%
Contribution made by Undeveloped Properties	$5,721,535
New EDUs Through 2035 (Future Users)	97,606
Credit per New EDU (Future User)	$59

This is a fair and reasonable attempt at calculating the property tax credit based on the Agency's provided receipts since FY 1998/99. The percentage share of property tax that was paid for by vacant lots is unknown. This methodology represents a conservative approach by

overestimating the contributions of undeveloped properties since undeveloped properties contribute, on average, less than a developed property.

4.5 Proposed Connection Fees

Based on the defined Value of the Available System, the Value of the Future System (Capacity Related CIP), and the Number of Expected Future Users, the calculate the hybrid connection fee is as follows:

$$\boldsymbol{Hybrid\ Connection\ Fee} =$$

$$\frac{\boldsymbol{Value\ of\ the\ Available\ System}}{\boldsymbol{Expected\ Future\ Users}} + \frac{\boldsymbol{Capacity\ Related\ CIP}}{\boldsymbol{Expected\ Future\ Users}} =$$

$$\frac{\boldsymbol{Value\ of\ Available\ System}}{\boldsymbol{Expected\ Future\ Users}} = \frac{\$177,532,237}{97,606} = \$1,819$$

$$\frac{\boldsymbol{Capacity\ Related\ CIP}}{\boldsymbol{Expected\ Future\ Users}} = \frac{\$436,326,332}{97,606} = \$4,470$$

The hybrid connection fee is shown below.

$$\boldsymbol{Hybrid\ Connection\ Fee} = \$1,819 + \$4,470 = \$6,289$$

5.0 SUMMARY

In summary, the wastewater connection fee is proposed to be increased from $5,107 per EDU to $6,289 per EDU. Table 5.1 shows the detailed calculation of the charge.

Table 5.1 Summary Connection Fee Calculation	
Buy-In Portion	
RCNLD	$146,441,580
Reserves	25,229,167
Construction in Progress[1]	11,583,026
Less Property Tax Revenue	(5,721,535)
Subtotal: Reimbursement Value	*$177,532,237*
Customer Base	
Future Users	97,606
Buy-In Fee	**$1,819**
Incremental Portion	
Sum of Growth Related Costs by 2035	436,326,332
Customer Base	
Future Users	97,606
Incremental Fee	**4,470**
Total Hybrid Connection Fee	$6,289

Notes:

(1) Has not been adjusted for additional construction costs since 2012/13 and the total is entirely allocated to future wastewater users.

APPENDIX A – COST ALLOCATION

1.0 INTRODUCTION

The purpose of this appendix is to allocate the capital costs of the Inland Empire Utilities Agency (IEUA) wastewater facilities to the billable constituents of wastewater flow, oxygen demand, and Total Suspended Solids (TSS). These costs will subsequently be distributed to the individual users in proportion to the amount of billable constituents they contribute.

2.0 ALLOCATION OF BILLABLE CONSTITUENTS FOR EACH UNIT PROCESS

2.1 Overall Approach

In order to account for system costs and equitably charge wastewater dischargers for their use of the wastewater, treatment and disposal facilities, the treatment plant is divided into a number of unit processes. Capital and operating costs associated with each unit process can then be allocated among the users in proportion to their demand on the system. The basis for allocating capital costs to unit processes was to assess which constituent(s) determine the function of the unit process and/or cause capital costs to be incurred. In most cases, the basis of this determination is directly related to design criteria.

2.2 Unit Process Designations

2.2.1 Capital Costs

Capital costs can appropriately be allocated among the billable constituents through the design criteria for sizing (and therefore, the cost) of the facility. Typically, the controlling design flow and/or loading condition is the maximum month flow and/or load which the facility must accommodate. However, for some facilities (e.g., anaerobic digestion) annual average conditions more closely reflect the facility's sizing and associated capital costs.

The proposed listing of treatment processes and the associated percentage allocation to each billable constituent for distributing capital costs are shown in the table below. There are many items in the IEUA CIP that cannot be directly attributed to a unit process. In those cases, the allocations are done as indirect costs or "As All Others." These costs are allocated to the billable constituents using the cost-weighted percentages of the accumulated processes.

Unit Process	Flow	BOD	TSS
Preliminary Treatment	100	0	0
Primary Clarifiers	80	0	20

Unit Process	Flow	BOD	TSS
Activated Sludge	0	100	0
Secondary Clarifiers	80	20	0
Tertiary Treatment	100	0	0
DAF Thickening	0	100	0
Gravity Thickening	0	0	100
Anaerobic Digestion	0	45	55
Sludge Dewatering	0	45	55
Sludge Disposal	0	45	55

2.3 Process Breakdown

2.3.1 Preliminary Treatment

2.3.1.1 Capital Cost Allocation

Although the purpose of the preliminary treatment process is to remove solids, design criteria for sizing screens and grit basins are based on flow. Therefore, the capital costs should be allocated primarily to flow. The net capital cost allocation for this category is 100 percent to flow.

2.3.2 Primary Clarifiers

2.3.2.1 Capital Cost Allocation

Although the purpose of the primary treatment process is to remove TSS, the capital costs that are incurred for this process category are primarily determined by the amount of flow that must be treated. The design criteria for sizing primary sedimentation tanks are based on overflow rates. Therefore, the tankage (structural) costs, which are about one-third of the total capital costs of these processes, are allocated to the flow component. The controlling overflow rate that affects the costs in this case is that provided by the average flow. A portion of the influent BOD is removed by this process because it is exerted by the solids that are removed in the primary sedimentation process. However, oxygen demand is a relatively poor indicator of the capital costs that are incurred for this process. Therefore, the capital costs were allocated 100 percent to flow.

The majority of the capital costs associated with the primary sludge pumping equipment have been allocated to TSS. Seventy percent of the equipment capital costs of this process category have been assigned to TSS and the remaining 30 percent to flow. The net capital cost allocation for this process category is about 80 percent to flow and 20 percent to TSS.

2.3.3 Activated Sludge

2.3.3.1 Capital Cost Allocation

The sizing of activated sludge facilities can be hydraulically or organically (BOD) controlled. In this case, the high organic loading to the plant results in the sizing being driven by the organic loading criteria. Structural and equipment costs directly associated with the tank size should, therefore, be assigned solely to the BOD billable constituent. Aeration equipment costs are directly controlled by the organic loading to the tanks and are also assigned entirely to the BOD billable constituent. Structural and equipment costs attributable solely to the flow component are minor compared to the aeration equipment. For this reason, the recommended capital cost allocation for this process is 100 percent to BOD.

2.3.4 Secondary Clarifiers

The purpose of the secondary clarifiers is to settle the sludge generated by the biological treatment system and return it to the activated sludge process. Removal of excess sludge from the system is also done at this stage. Principal components of this process include the sedimentation tanks, sludge collection mechanisms installed inside of the tanks, and the return and waste sludge pumps, valves, and piping.

2.3.4.1 Capital Cost Allocation

Secondary sedimentation tank sizing criteria are generally concerned with the flow and the amount of sludge that they must handle. The amount of sludge is a direct function of the organic load to the activated sludge process as expressed by the BOD constituent and the overall plant flow rate. Equipment costs are also a function of the flow and organic load to the system. For this reason, capital cost allocations for this process should be divided between flow and BOD.

The relative cost allocations between the flow and BOD constituents were based upon a typical cost breakdown of these facilities. Structural costs represent about 40 percent of the original cost of the facilities while the remaining 60 percent is for the equipment. The controlling criteria for the size of the tankage and associated channels and hydraulic control systems for this process is flow. Therefore, the structural costs would be allocated entirely to the flow component. Equipment costs result from both the amount of flow that must be handled and the amount of solids carried in the process. The solids in the process are directly related to the amount of BOD applied to the secondary treatment system. The equipment costs have been allocated to equal parts for flow and BOD. The mechanisms in the clarifiers are sized based upon the tankage (flow controlled) and the amount of sludge that they must handle (BOD controlled). Return sludge pumping system sizing is a function of the total flow to the process and the amount of sludge maintained in the process so the costs for this portion should be allocated to both. Waste sludge pumping system sizing, on the other hand, is a function of the amount of sludge that must be removed from the system which is directly attributable to the BOD load to the secondary treatment system. The net capital cost allocation for the secondary clarifiers is then estimated to be about 80 percent for flow and 20 percent for BOD.

2.3.5 Tertiary Treatment

2.3.5.1 Capital Cost Allocation

Design criteria for tertiary treatment is entirely based on flow. For this reason, all capital costs are allocated to the flow component.

2.3.6 Gravity Thickening

Capital costs for this unit process are assigned 100 percent to TSS. The sizing of all structural and mechanical components of this system are based upon the amount of sludge the thickeners receive from the primary clarifiers, which is attributable to the amount of TSS removed in the primary clarifiers.

2.3.7 DAF Thickening

2.3.7.1 Capital Cost Allocation

Capital costs for this unit process are assigned 100 percent to BOD. The sizing of all structural and mechanical components of this system are based upon the amount of sludge the thickeners receive from the secondary treatment system, which is attributable to the solids produced from the removal of the BOD during secondary treatment.

2.3.8 Anaerobic Digestion

2.3.8.1.1 Capital Cost Allocation

Digestion processes can be sized based either on hydraulic detention time or an organic loading rate expressed in terms of pounds of solids per unit volume per day. At IEUA, the hydraulic criteria controls the need for total digester volume. For this reason, capital costs will be directly proportional to the hydraulic quantities of sludge received from the primary (TSS) and secondary (BOD) treatment systems. For this reason, an allocation of 45 percent to BOD and 55 percent to TSS has been made.

2.3.9 Sludge Dewatering

2.3.9.1 Capital Cost Allocation

The capital costs for sludge dewatering facilities are directly attributable to the amount of sludge that much be processed. Costs were allocated in proportion to the amount of primary sludge and secondary sludge generated. This results in an allocation 45 percent to BOD and 55 percent to TSS.

2.3.10 Sludge Disposal

2.3.10.1 Capital Cost Allocation

The capital costs for sludge disposal are directly attributable to the amount of sludge that much be processed. Costs were allocated in proportion to the amount of primary sludge

and secondary sludge generated. This results in an allocation 45 percent to BOD and 55 percent to TSS.

2.3.11 Indirect Costs

Indirect costs are costs that cannot be readily assigned to any specific unit process. Typical indirect capital costs include: land occupied by the treatment plant; administration, laboratory and staff support facilities; maintenance shops; odor control equipment; and etc.

Allocation of the indirect capital costs to the billable constituents is based upon the net allocation of the assignable costs to the billable constituents, which is based on a weighted average allocation of the costs to the known unit processes.

carollo
Engineers...Working Wonders With Water®

BY Tw DATE 12/3 SUBJECT IEUA Connection SHEET NO. 1 OF 15
CHKD. BY _____ DATE _____ Fees JOB NO. 9614A.00

The pages that follow present calculations to determine the percentage of existing and future facilities at the IEUA treatment plants that should be allocated to growth. The calculations are based on flows and capacities of existing facilities that are outlined in the TMs from the Wastewater Facilities Master Plan (WFMP). The applicable TMs are TMs 3, 4, 5, 6, and TM 7 and are located in the deliverables folder of the Projectwise CA/IEUA/9370 A00 project.

The calculations are based on the overall assumption that excess plant capacity is for growth/expansion. IEUA has 4 plants: RP-1, RP-4, RP-5 and CCWRF, plus RP-2, which will be deactivated and relocated to RP-5.

Carollo
Engineers...Working Wonders With Water™

BY TW DATE 11/11 SUBJECT IEUA Connection Fees SHEET NO. 2 OF 15
CHKD. BY ____ DATE ____ JOB NO. 9614A.00

Purpose: Determine the capacity of RP-1 that will be for growth and the capacity that will be for existing customers

Assume

1. The capacity of RP-1, primary and 2ndary facilities is 32 mgd once MLR pumps are added to the aeration basins. Without the MLR pumps the capacity is ~28 mgd.

2. Current inflow to RP-1 is 28 mgd so once the MLR pumps are added, assume the capacity for growth is $4/32 = 13\%$ and the capacity for existing customers is 87% for secondary treatment

3. For Filtration RP-1 capacity is 43.8 mgd current flow to RP-1 is 28 mgd so the capacity for growth is $\frac{43.8-28}{43.8} = 36.1\% \sim 36\%$

4. For Disinfection RP-1 capacity is 49.8 mgd current flow to RP-1 is 28 mgd so the capacity for growth is $\frac{49.8-28}{49.8} \approx 44\%$

5. For PS thickening RP-1 capacity is 43.3 mgd current flow to RP-1 is 38.5 mgd so the capacity for growth is $\frac{43.3-38.5}{43.3} \approx 11\%$ [based solids from RP-1 + RP-4]

19

carollo
Engineers...Working Wonders With Water™

BY TW DATE 11/12 SUBJECT IEUA Connection Fees SHEET NO. 3 OF 15
CHKD. BY DATE JOB NO. 9614A.00

6. For WAS Thickening RP-1 capacity is 54 mgd
Current flow is 35.2 mgd so the
capacity for growth is $\frac{54-38.5}{54} \cong 29\%$ 35

7. Digestion for RP-1 has a capacity of 38 mgd
Current flow is 35.2 mgd so the capacity
for growth is $\frac{38-38.5}{38} \cong -1\%$ assume 0% 7

8. For overall facilities we do not know
capacity assume RP-1 will have a
capacity of the overall plant capacity of 37 mgd
in 2035 so growth for these
facilities (HDW for example) would be
$\frac{37-28}{37} \cong 24\%$

Carollo
Engineers...Working Wonders With Water™

BY TW DATE 11/11 SUBJECT IEUA Connection Fees SHEET NO. 4 OF 15
CHKD. BY DATE JOB NO. 9614D.00

Purpose: Determine the capacity of the RP-5 Facilities that are for existing customers and what will be for growth

Assume:

1. The existing capacity of the RP-2/RP-5 facilities will be calculated similar to those for RP-1 on the previous pages

Process	Existing Capacity	Current Flow	% for Growth
Primary/Secondary	15.0(1)	10.0	33%
Filtration	15.0(1)	10.0	33%
Disinfection	15.0(1)	10.0	33%
PS Thickening	30.3	17.2(2)	43%
WAS Thickening	30.3	17.2(2)	43%
Digestion	18.0	17.2(2)	4%
Dewatering	34.8	17.2(2)	51%
Overall	22.5	10.0	56%

(1) can also treat 1.3 mgd from the RP-2 PS (recycles and raw sewage)
(2) total equivalent solids from RP-5 and CCWRF

carollo
Engineers...Working Wonders With Water™

BY TW DATE 11/12 SUBJECT IEUA Connection Fees SHEET NO. 5 OF 15
CHKD. BY DATE JOB NO. 9614A.00

Purpose: Determine the capacity of the RP-4 Facilities that are for existing customers and those that are for growth.

Assume: The existing capacity of the RP-4 facilities will be calculated similar to those for RP-1 on the previous pages.

Process	Existing Capacity	Current Flow	% for growth
Primary/ Secondary	16	10.5	34%
Filtration	14.1	10.5	26%
Disinfection	14.2	10.5	26%
Overall	16.0	10.5	34%

carollo
Engineers...Working Wonders With Water™

BY TW DATE 11/12 SUBJECT IEUA Connection Fees SHEET NO. 6 OF 15
CHKD. BY ____ DATE ____ JOB NO. 9614A.00

Purpose: Determine the capacity of the CCWRF facilities that are for growth and those that are for existing customers

Assume:
1. The existing capacity of the CCWRF facilities will be calculated similar to those for TP. 1 or the previous pages

Process	Existing Capacity	Current Flow	% for growth
Primary/ Secondary	14.0	7.2	49%
Filtration	27.6	7.2	74%
Disinfection	15.4	7.2	53%
Overall	14.0	7.2	49%

Engineers...Working Wonders With Water™

BY TW DATE 4/13 SUBJECT IEUA Connection Fees SHEET NO. 7 OF 15
CHKD. BY DATE JOB NO. 9614A.00

Purpose: Determine the capacity of the IERCF Facilities for growth and for existing customers

Assume:

1. The IERCF facilities are generally large enough to handle the peak flow through the 2060 planning period. On that basis, current flow to the IEUA facilities is 55.2 mgd. Projected flow in 2060 is 87.9 mgd. So the capacity available for growth is 37%.

Purpose: Determine the capacity of the IEUA collection system for growth and for existing customers

Assume:

1. The collection system can generally handle flows through the 2035 planning period (except the Montclair Line). The current flow to the IEUA facilities is 55.7 mgd. Projected flow in 2035 is 73.5 mgd. So the capacity available for growth is 24%.

carollo
Engineers...Working Wonders With Water®

BY TWO DATE 12/3/14 SUBJECT IEUA Connection Fee SHEET NO. 8 OF 15
CHKD. BY _____ DATE _____ JOB NO. 96MA.00

Purpose: Determine the amount of the costs for the Haven LS expansion, Haven LS upgrades, Whispering Lakes LS upgrades and Montclair Interceptor line improvements that are for growth

Assume: All of these projects are to delay expansion of RP-5 in order to accomodate growth so they will be allocated 100% to growth

Purpose: Determine how to allocate the costs to growth of general or agencywide capital projects

Assume: Costs will be allocated to growth for these general and agencywide projects based on the average of all other agency project allocations

Carollo
Engineers...Working Wonders With Water™

BY TW DATE 10/23/14 SUBJECT IEUA Connection Fees SHEET NO. 9 OF 15
CHKD. BY ____ DATE ____ JOB NO. 9614A.00

Purpose: Determine the capacity of the RP-2/RP-5 Solids Relocation that will be for existing customers and what will be for growth

Assumptions:

1. Existing Capacity of RP-2 solids will be based on digestion capacity and assumed for all other solids processes (e.g., thickening, dewatering).
2. Further costs for the new facilities at RP-5 will be allocated based on the growth/existing capacity ratio of the RP-5 digesters.
3. Exist RP-2 solids capacity is 18.0 mgd, based on Table 7-9 in TM 7 from Master Plan
4. Exist Flow to RP-2 solids is based on an influent flow of 17.2 mgd (7.2 ccwRF, 10.0 mgd RP-5)
5. The amount of the existing solids facilities that is available for growth is 18.0 - 17.2 = 0.8 mgd

carollo
Engineers...Working Wonders With Water™

BY JW DATE 10/24/14 SUBJECT IEUA Connection Fees SHEET NO. 10 OF 15
CHKD. BY ____ DATE ____ JOB NO. 9614A.00

6. 3 new digesters for duty capacity will be built as part of the solids relocation - an additional digester will be built for standby capacity

- each digester will be 90' diameter and 35' SWD
- The digester volume is 1,665,500 gal.
  3 digesters volume is 4,996,500 gal.
- with a 15 day detention time each digester can accomodate 333,100 gpd
- flow in 2035 @ CCWRF is 7.3 mgd
  flow " 2035 @ RP-5 is 20.2 mgd > 27.5 total
- sludge flow for 27.5 mgd is 288,000 gpd @ 6%
- sludge flow per mgd is $\frac{288,000}{27.5} \cong 10,475$ gpd/mgd
- Since Digesters can handle 333,100 gpd then capacity is $\frac{333,100}{10,475} = 31.8$ mgd

carollo
Engineers...Working Wonders With Water™

BY TW DATE 10/24/14 SUBJECT IEUA Connection Fees SHEET NO. 11 OF 15
CHKD. BY ____ DATE ____ JOB NO. 9614 A-00

7. Based on calculations

- new RP-5 solids in 2035 will be 31.8 mgd
- of the 31.8 mgd capacity, 17.2 mgd is for existing customers

$\frac{17.2}{31.8} \cong 55$ % for existing customers

therefore $\cong 45$ % for growth (new customers)

carollo
Engineers...Working Wonders With Water™

BY TW DATE 10/27/14 SUBJECT IEUA Connection Fees SHEET NO. 12 OF 15
CHKD. BY _____ DATE _____ JOB NO. 9614A.00

Purpose: Determine the portion of the RP-1 primary effluent equalization that will be for growth

Assumptions:

1. The capacity of the existing secondary processes @ RP-1 is 28 mgd, based on using the existing equalization basins (EQ)
2. Three secondary clarifiers are necessary to allow the primary EQ basins to be eliminated
3. The current RP-1 flow is 28 mgd, so there is currently no excess capacity
4. Assuming that the new secondary clarifiers do not add capacity beyond that required to replace the capacity lost by removing primary EQ then this project would be all for replacement and all rate payers would contribute to the costs.
5. An RP-1 capacity of 28 mgd assumes that MLR pumps have not been added and the costs for that project should be included in

carollo
Engineers...Working Wonders With Water™

BY TW DATE 12/27/17 SUBJECT IPUA Connection Fees SHEET NO. 13 OF 15
CHKD. BY ____ DATE ____ JOB NO. 96142.02

Ten Year CIP (which are currently not included in the Ten Year CIP). When the MLR pumps project is included in the 10 year CIP, it can be included as a project for growth (a capacity increase from 20 mgd to 32 mgd)

Carollo
Engineers...Working Wonders With Water™

BY TW DATE 10/27/14 SUBJECT IEUA Connection Fees SHEET NO. 14 OF 15
CHKD. BY ____ DATE ____ JOB NO. 9614A.00

Purpose: Determine the capacity of the RP4 tertiary project that will be for existing customers and what will be for growth

Assumptions

1. Capacity of the existing RP-4 tertiary units is 14.1 mgd.
2. Current annual influent flow to RP-4 is 10.5 mgd
3. The amount of the existing tertiary capacity that is available for growth is
   $14.1 - 10.5 = 3.6$ mgd
4. The new filters that will be built for the RP-4 expansion will add 2.4 mgd of capacity
5. $\frac{3.6}{14.1}$ = 26% of the existing filter capacity is for growth
6. Since there is excess capacity for the filters all of the new filters will be for growth.

carollo
Engineers...Working Wonders With Water®

BY TW DATE 12/3 SUBJECT IEUA Connection Fees SHEET NO. 15 OF 15
CHKD. BY _____ DATE _____ JOB NO. 9614A.00

Purpose: Determine the capacity of the RP-1 liquid and solids treatment expansion and the capacity of the RP-5 liquid treatment expansions that will be for growth

Assume:

1. Both RP-1 and RP-5 both have excess treatment capacity as follows:

	Exist. Cap.(1)	Exist Flow(2)	
RP-1 liquids	32.0	28.0	
RP-1 solids	38.0	38.0	includes solids flow from RP-4
RP-5 liquids	15.0	10.0	

(1) from 2014 WFMP TMs 5 and 7

(2) from 2014 WFMP TM 4

For this reason the future projects that add capacity to RP-1 and RP-5 will be for growth/expansion

APPENDIX B – WASTEWATER FIXED ASSETS

Available Capacity Percentages of each Regional Water Recycling Plant

Plant Capacity	RP-1	RP-4	CCWRF	RP-5	System	RP-2
Flow capacity, mgd	32	16	14	15	77	18
Current flow, mgd	28	10.5	7.2	10	55.7	17.2
Available capacity, mgd	4	5.5	6.8	5	21.3	0.8
% Available	13%	34%	49%	33%	28%	4%

Unit Process Allocation

Unit Process	Flow	BOD	TSS
1. Collection System	100%		
2. Preliminary Treatment	100%		
3. Primary Clarifiers	80%		20%
4. Activated Sludge		100%	
5. Secondary Clarifiers	80%	20%	
6. Tertiary Treatment	100%		
7. DAF Thickening (WAS)		100%	
8. Gravity Thickening (primary sludge)			100%
9. Anaerobic Digestion		45%	55%
10. Sludge Dewatering		45%	55%
11. Sludge Disposal		45%	55%

	Total	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
Allocation of the Value of Fixed Assets (RCNLD)	$ 570,746,114	$ 188,515,920	$ 123,030,023	$ 77,904,737	$ 181,295,434
Reallocation of Value of Fixed Assets, including those Receiving Weighted Average Allocation (TM Table 4.3)	$ 570,746,114	$ 276,273,054	$ 180,302,439	$ 114,170,620	$ -

	Total	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
Allocation of the Value of Fixed Assets Available for Growth	$ 146,441,580	$ 43,219,826	$ 33,247,106	$ 20,903,692	$ 49,070,955
Reallocation of Value of Fixed Assets Available, for Growth including those Receiving Weighted Average Allocation (TM Table 4.4)	$ 146,441,580	$ 65,000,914	$ 50,002,336	$ 31,438,329	$ -

Allocation Factors (TM Table 4.2)		
44%	34%	21%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400209	RP1 EXPAND TO 44.0MGD-PLANT C	OLD00432:RP1 - Primary/Secondary	16,634,907	1	13%	$2,079,363	0	0%	0%	0%	100%
300190	RP1 TO RP5 BY-PASS PIPELINES		15,048,233	1,5	19%	$2,881,576	1	100%	0%	0%	0%
400011	RP4 ENERGY LOAD REDUCTION FACILITIES	06EN01003:RP4 - Primary / Secondary	10,893,570	4	34%	$3,744,665	0	0%	0%	0%	100%
300046	INTERCEPTOR-KIMBALL AVE/CHINO	04EN97004:Main Office Administration	10,180,949	0	28%	$2,816,288	1	100%	0%	0%	0%
400420	RP5 AERATION BASIN	R5EN95028/01:RP5 - Primary / Seconda	9,364,854	5	33%	$3,121,618	4	0%	100%	0%	0%
400449	RP5 AERATION BASIN	R5EN95028/40:RP5 - Primary / Seconda	9,364,854	5	33%	$3,121,618	4	0%	100%	0%	0%
400757	RP4 EXPANSION TO 14 MGD		9,173,918	4	34%	$3,153,534	0	0%	0%	0%	100%
300025	WESTSIDE INTERCEPTOR	EN91001:RP1 - Administration	8,900,474	1	13%	$1,112,559	0	0%	0%	0%	100%
300399	RP1 ANAEROBIC BASIN DIGESTION IMPROVEI		7,798,779	1	13%	$974,847	9	0%	45%	55%	0%
400759	RP4 ODOR CONTROL SYSTEM		7,645,903	4	34%	$2,628,279	0	0%	0%	0%	100%
601962	RP5 ENGINE-GENERATOR 2000KW		7,183,085	5	33%	$2,394,362	0	0%	0%	0%	100%
300102	FONTANA INTERCEPTOR RELIEF SE	OLD00063:RP1 - Primary/Secondary	7,041,460	1	13%	$880,182	1	100%	0%	0%	0%
400423	RP5 CHLORINE CONTACT BASIN	R5EN95028/04:RP5 - Primary / Seconda	7,029,584	5	33%	$2,343,195	6	100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
300086	CUCAMONGA INT RELIEF SEWER	OLD00028:RP1 - Primary/Secondary	6,607,652	1	13%	$825,956		100%	0%	0%	0%
400729	RP5 RENEWABLE ENERGY PROJECT	04PL02013:CCWRF - Solids Handling	6,060,848	5	33%	$2,020,283		0%	0%	0%	100%
100029	LAND-RP5	R5EN95028/41:RP5 - Primary / Seconda	5,794,206	5	33%	$1,931,402		0%	0%	0%	100%
400761	RP5 RENEWABLE ENERGY EFFICIENCY		5,572,728	5	33%	$1,857,576		0%	0%	0%	100%
300049	ETIWANDA INERCEPTOR ACQUISITI	99EN97019:Regional Interceptors	5,554,687	0	28%	$1,536,556		100%	0%	0%	0%
300394	SAN BERNARDINO AVE PUMP STATION		5,452,602	0	28%	$1,508,317		100%	0%	0%	0%
400013	RP1 CHLORINE CONTACT TANK EXP	06EN01010:RP1 - Tertiary	5,237,871	1	13%	$654,734		100%	0%	0%	0%
300200	FONTANA INTERCEPTOR	OLD00061:RP2 - Primary/Secondary	4,970,541	2	4%	$220,913		100%	0%	0%	0%
900078	IND. WASTE CAP. AGREEMENT - L	OLD05574:NRW General Administration	4,829,014	0	28%	$1,335,818		0%	0%	0%	100%
601964	RP5 NATURAL GAS COMPRESSOR		4,823,496	5	33%	$1,607,832		0%	45%	55%	0%
400531	CHINO CREEK PARK-Wetland/Ecosyst		4,701,908	0	28%	$1,300,658		0%	0%	0%	100%
900109	1.0MG SARI CAPACITY	00SARI1.0MGD:NRW Southern System	4,510,164	0	28%	$1,247,617		0%	45%	55%	0%
400043	RP1 DIGESTER SYS COVER MODIFC	97EN91044001:RP1 - Digester Cleaning	4,098,016	1	13%	$512,252		0%	45%	55%	0%
400437	INFLUENT PUMP STATION	R5EN95028/19:RP5 - Primary / Seconda	4,020,437	5	33%	$1,340,146		100%	0%	0%	0%
400080	RP5 DIGESTER EXPAN/MODIFICATIONS	05EN04038:RP5 - Manure Digester	3,908,392	5	33%	$1,302,797		0%	45%	55%	0%
900062	LACSD CAPITAL REPL 1996/97	97LACSD029:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
300103	FONTANA INTERCEPTOR-CLOSE 150	OLD00064:RP1 - Primary/Secondary	3,646,768	1	13%	$455,846		100%	0%	0%	0%
300019	UPLAND INTERCEPTR RELIEF PH I	06EN20033:Prado Lift Station (CIW)	3,524,181	0	28%	$974,871		100%	0%	0%	0%
400047	RP1 POWER RELIABILITY PROJECT	97EN91082001:RP1 - Energy Recovery	3,236,137	1	13%	$404,517		0%	0%	0%	100%
300286	RP2 AERATION BASINS	OLD01883:RP2 - Primary/Secondary	3,207,210	2	4%	$142,543		0%	100%	0%	0%
300051	RP4 VLVS.MTRS.VLTS OUTFLL CON	99EN97020706:RP4 - Primary / Seconda	3,080,917	4	34%	$1,059,065		100%	0%	0%	0%
300017	MWD ION EXCHG CONN TO NRW SYS	06EN05023:Regional Administration	3,048,735	0	28%	$843,351		0%	45%	55%	0%
300064	ARCHIBALD RELIEF SEWER	02EN99009:Regional Interceptors	3,030,934	0	28%	$838,427		100%	0%	0%	0%
900059	LACSD CAPITAL REPL 94/95	97LACSD026:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
150122	RP5 & HQ Areas Land Improvement	RP5 Utility Water Pipeline	2,960,070	5	33%	$986,690		0%	0%	0%	100%
400435	FILTERS	R5EN95028/16:RP5 - Primary / Seconda	2,953,871	5	33%	$984,624		100%	0%	0%	0%
601956	RP4 SECONDARY ANOXIC SPLITTER BOX		2,934,465	4	34%	$1,008,722		0%	100%	0%	0%
300090	MONTCLAIR INTERCEPTOR	OLD00033:Regional Administration	2,859,972	0	28%	$791,135		100%	0%	0%	0%
100005	LAND-RP1	OLD05462:RP1 - Administration	2,851,606	1	13%	$356,451		0%	0%	0%	100%
400758	RP4 ANOXIC TANK #1,2,3 MODIFICATION		2,816,180	4	34%	$968,062		0%	100%	0%	0%
400514	Aeration Sys Mod		2,771,872	0	28%	$766,765		0%	100%	0%	0%
400862	RP1 Aeration FRP	RP1 Odor Control - Phase I	2,680,432	1	13%	$335,054		0%	100%	0%	0%
900110	1.1 MGD SARI CAPACITY PURCHAS	89SARI1.5:NRW Southern System	2,668,322	0	28%	$738,120		0%	45%	55%	0%
601947	REEP ENGINE		2,595,873	0	28%	$718,079		0%	0%	0%	100%
601957	RP4 CHEMICAL STORAGE TANK		2,595,873	4	34%	$892,331		0%	0%	0%	100%
601958	RP4 BECTEE BIOFILTER SYSTEM		2,595,873	4	34%	$892,331		0%	0%	0%	100%
300054	RP4 CONNECTION SEGMENTS I &II	99EN97020713:RP4 - Primary / Seconda	2,557,602	4	34%	$879,176		0%	0%	0%	100%
400436	HEADWORKS/GRIT AREA	R5EN95028/18:RP5 - Primary / Seconda	2,484,230	0	28%	$687,196	2	100%	0%	0%	0%
100033	LAND-CHINO CREEK PARK	R5EN95028/45:RP5 - Primary / Seconda	2,458,503	0	28%	$680,080	0	0%	0%	0%	100%
100037	1158/1270 E RESERVIOR LAND ACQUISITION		2,440,544	0	28%	$675,112	1	100%	0%	0%	0%
601963	RP5 JACK WATER PUMPS		2,425,342	5	33%	$808,447		0%	0%	0%	100%
300068	CENTER INTERCEPTOR – A	OLD00004:NRW General Administration	2,421,005	0	28%	$669,707		0%	45%	55%	0%
100009	CCWRP PROPERTY	OLD05486:RP2/CCWRF - Administration	2,410,561	4	49%	$1,170,844		0%	0%	0%	100%
601024	STANDBY GENERATOR	R5EN95028/17:RP5 - Primary / Seconda	2,396,795	5	33%	$798,932		0%	0%	0%	100%
601954	RP4 DSC NETWORK CABLES / EQUIPMENT		2,370,145	4	34%	$814,737		0%	0%	0%	100%
400749	RP5 RENEWABLE ENERGY TANK STRUCTURE		2,362,614	5	33%	$787,538		0%	0%	0%	100%
400428	SECONDARY CLARIFIER 3B	R5EN95028/09:RP5 - Primary / Seconda	2,254,395	5	33%	$751,465		80%	20%	0%	0%
400430	SECONDARY CLARIFIER 4B	R5EN95028/11:RP5 - Primary / Seconda	2,254,395	5	33%	$751,465		80%	20%	0%	0%
400427	SECONDARY CLARIFIER 3A	R5EN95028/08:RP5 - Primary / Seconda	2,254,395	5	33%	$751,465		80%	20%	0%	0%
400429	SECONDARY CLARIFIER 4A	R5EN95028/10:RP5 - Primary / Seconda	2,254,395	5	33%	$751,465		80%	20%	0%	0%
900185	CSDLAC 4R's-CAPACITY RIGHTS	CSDLAC Capital Replacement 4Rs	-	0	28%	$0		0%	0%	0%	100%
100030	LAND-RP5 FUTURE DEVELOPMENT	R5EN95028/42:RP5 - Primary / Seconda	2,000,566	5	33%	$666,855		0%	0%	0%	100%
400020	RP2-2 SOLIDS HANDLING IMPROVEMENTS	06EN01029:RP2 - Primary/Secondary	1,944,884	2	4%	$86,439		0%	45%	55%	0%
601939	RP1 AERATION BASIN AND CHANNELS SYSTEM		1,925,361	1	13%	$240,670		0%	100%	0%	0%
150120	Wetlands Park Land Improvement	RP5 Utility Water Pipeline	1,904,308	5	33%	$634,769		0%	0%	0%	100%
602297	RP1 Aeration Piping	RP1 Odor Control - Phase I	1,872,789	1	13%	$234,099		0%	0%	0%	100%
400822	RP5 SHF Ground Steel Tank Mixed Digester	1.2M Gal Cap - Complete Mix Digestion	1,824,505	5	33%	$608,168		0%	45%	55%	0%
400450	OPERATIONS CENTER BLDG B	R5EN95028/20:RP5 - Primary / Seconda	1,792,151	5	33%	$597,384		0%	0%	0%	100%
300084	UPLAND INTERCEPTER RELIEF SEW	EN91063:RP1 - Primary/Secondary	1,749,248	1	13%	$218,656		100%	0%	0%	0%
400144	RP4 OXIDATION DITCH#1 STRUCTURE	99HSOD7203:RP4 - Solids Handling	1,736,253	4	34%	$596,837		0%	100%	0%	0%
400145	RP4 OXIDATION DITCH#2 STRUCTURE	99HSOD7202:RP4 - Solids Handling	1,736,253	4	34%	$596,837		0%	100%	0%	0%
400146	RP4 OXIDATION DITCH#3 STRUCTURE	99HSOD7201:RP4 - Solids Handling	1,736,253	4	34%	$596,837		0%	100%	0%	0%
400817	RP2 SARI Dump Station Improvement-Gates, I	RP2 Dewater Cake Storage System	1,731,882	2	4%	$76,979		0%	45%	55%	0%
601959	RP4 LIQUID CHEMICAL FEED SYSTEM		1,730,582	4	34%	$594,888		0%	0%	0%	100%
300069	SOUTH INTERCEPTOR – B	OLD00006:NRW Southern System	1,688,278	0	28%	$467,017		0%	45%	55%	0%
400825	RP1 Digester No. 7 Rehabilitation	RP1 Assessment Work	1,671,293	1	13%	$208,912		0%	45%	55%	0%
400825	RP1 Digester No. 7 Rehabilitation	RP1 Assessment Work	460,933	1	13%	$57,617		0%	45%	55%	0%
602284	RP1 Aeration BioFilter	RP1 Odor Control - Phase I	1,670,623	1	13%	$208,828		0%	0%	0%	100%
100007	LAND-R.P.#3	OLD05482:Main Office Administration	1,670,015	3	28%	$461,965		0%	0%	0%	100%
900026	LACSD CAPITAL REPL 99/00	00LACSD002:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601941	DIGESTER TANK		1,647,571	0	28%	$458,757		0%	45%	55%	0%
300081	ONTARIO HAVEN AVE. REG. INTER	EN91048:RP1 - Primary/Secondary	1,632,509	1	13%	$204,064		100%	0%	0%	0%
900040	CSDLAC CAPITAL REPLACEMENT-4R	05LACSD01:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
900104	NORTHERN SVC AREA-MASTER PLAN	08PL01001:Regional Administration	1,577,468	0	28%	$436,364		0%	0%	0%	100%
400443	RAS/WAS PUMP STN	R5EN95028/26:RP5 - Primary / Seconda	1,573,358	5	33%	$524,453		80%	20%	0%	0%
400225	RP1 AERATION BASIN-STRUCTURE	OLD00718:RP1 - Solids Handling	1,559,572	1	13%	$194,947		0%	100%	0%	0%
900168	CSDLAC 4R's CAPACITY RIGHTS		-	0	28%	$0		0%	45%	55%	0%
900056	LACSD CAPITAL REPL 91/92	97LACSD023:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
900137	CSDLAC Capital Replacement Cost-4R		-	0	28%	$0		0%	0%	0%	100%
400441	POWER CENTER 1	R5EN95028/24:RP5 - Primary / Seconda	1,479,313	5	33%	$493,104		0%	0%	0%	100%
400421	BIOFILTER FACILITY	R5EN95028/02:RP5 - Primary / Seconda	1,473,194	5	33%	$491,065		0%	0%	0%	100%
400424	EAST PRIMARY CLARIFIER #3	R5EN95028/05:RP5 - Primary / Seconda	1,472,615	5	33%	$490,872		80%	0%	20%	0%
400425	WEST PRIMARY CLARIFIER #4	R5EN95028/06:RP5 - Primary / Seconda	1,472,615	5	33%	$490,872		80%	0%	20%	0%
400824	RP1 Digester No. 6 Rehabilitation	RP1 Assessment Work	1,470,690	1	13%	$183,836		0%	45%	55%	0%
400824	RP1 Digester No. 6 Rehabilitation	RP1 Assessment Work	405,608	1	13%	$50,701		0%	45%	55%	0%
400813	RP1 Gas storage Tank Digester NO.3	RP-1 Digester No. 3 Roof Repair	1,454,201	1	13%	$181,775		0%	45%	55%	0%
400091	RP1 ODOR CONTROL IMPROVEMENTS	99EN97024:RP1 - Primary/Secondary	1,446,484	1	13%	$180,811		0%	0%	0%	100%
900179	1 Capacity Purch frm LACSD for Edison Line		-	0	28%	$0		0%	0%	0%	100%
400307	RP2 DIGESTERS	EN91055:RP2 - Solids Handling	1,431,399	2	4%	$63,618		0%	45%	55%	0%
900106	1.0MGD SARI PIPELINE CAPACITY	98SARI000001:NRW Southern System	1,412,477	0	28%	$390,724		0%	45%	55%	0%
300047	INTERCEPTOR-KIMBALL AVE/CHINO	04EN97004/01:Main Office Administrati	1,412,319	0	28%	$390,680		100%	0%	0%	0%
150123	RP5 Magnolia Channel Wetland Restoration S	Magnolia Channel Wetland Restoration	1,406,595	0	28%	$389,097		0%	0%	0%	100%
900061	LACSD CAPITAL REPL 96/97	97LACSD028:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
900116	LACSD CAPITAL REPL FY97/98	98LACSD00001:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
400810	RP2-SARI Dump Site Improvement	RP2-SARI Dump Site Relocation	1,310,589	2	4%	$58,248		0%	45%	55%	0%
400506	CCWRF Chlorination Facility-Plant Structure		1,300,377	c	49%	$631,612		100%	0%	0%	0%
900038	CSDLAC CAPITAL REPLACEMENT-4R	04LACSD01:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
400151	RP4 BROWN STORAGE WATER POND	99HSSP7201:RP4 - Solids Handling	1,252,375	4	34%	$430,504		0%	45%	55%	0%
900191	CSDLAC Capital Replacement Cost FY 12/13	CSDLAC Capital Replacement 4Rs	-	0	28%	$0		0%	0%	0%	100%
400826	RP1 Dechlorination Overflow Strucure	RP1 Dechlor/Solids Upgrades	1,224,246	1	13%	$153,031		100%	0%	0%	0%
400826	RP1 Dechlorination Overflow Strucure	RP1 Dechlor/Solids Upgrades	337,640	1	13%	$42,205		100%	0%	0%	0%
900039	CSDLAC CAPITAL REPLMNT CST-4R	06LACSD01:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
900113	SARI MAIN INTERCEPTOR	76SARREACHES:NRW Southern System	1,220,036	0	28%	$337,490		0%	45%	55%	0%
400116	RP4 AERATOR DIGESTER STRUCTUR	99HADB7201:RP4 - Solids Handling	1,191,460	4	34%	$409,564		0%	45%	55%	0%
300398	ONTARIO ION EXCHANGE BRINE SEWER LINE		1,180,771	0	28%	$326,629		0%	45%	55%	0%
300107	CUCAMONGA TRUNK RELIEF SEWER	OLD00084:RP1 - Primary/Secondary	1,163,064	1	13%	$145,383		100%	0%	0%	0%
400065	LINE EQUALIZATION POND #3	97EN94038001:RP1 - Primary/Secondar	1,163,063	1	13%	$145,383		80%	0%	20%	0%
400297	RP1 AERATION BASIN	EN90002:RP1 - Solids Handling	1,160,922	1	13%	$145,115		0%	100%	0%	0%
900069	CONTRIBUTION TO L.A.C.S.D.	OLD05558:NRW General Administration	-	0	28%	$0		100%	0%	0%	0%
900175	CSDLAC 4R's-CAPACITY RIGHTS		-	0	28%	$0		0%	45%	55%	0%
400444	TERTIARY CHEMICAL FACILITY	R5EN95028/27:RP5 - Tertiary Operation	1,110,878	5	33%	$370,293		100%	0%	0%	0%
300284	RP2 PRIMARY CLARIFIERS	OLD01881:RP2 - Primary/Secondary	1,108,080	2	4%	$49,248		80%	0%	20%	0%
300288	RP2 SECONDARY CLARIFIERS	OLD01885:RP2 - Primary/Secondary	1,105,783	2	4%	$49,146		80%	20%	0%	0%
400142	RP4 INFLUENT PUMP STA. STRUCT	99HSIP7001:RP4 - Primary / Secondary	1,089,746	4	34%	$374,600		100%	0%	0%	0%
300006	NRW SEWER BRINE PIPELINE	06EC05011:NRW General Administratio	1,089,039	0	28%	$301,254		0%	45%	55%	0%
400445	TERTIARY FILTER	R5EN95028/28:RP5 - Tertiary Operation	1,086,629	5	33%	$362,210		100%	0%	0%	0%
300217	RP1 SECONDARY AREATION MOD	00EN9605001:RP2 - Primary/Secondary	1,057,947	2	4%	$47,464		0%	100%	0%	0%
400530	RP1 TO RP5 BY-PASS PLANT STRUCTURE		1,059,042	1,5	19%	$202,795		100%	0%	0%	0%
900037	LACSD CAPITAL REPL 01/02	02LACSD01:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
602296	RP1 Aeration Electrical	RP1 Odor Control - Phase I	1,049,017	1	13%	$131,127		0%	0%	0%	100%
900119	EC07009-CSDLAC CAPITAL REPLMNT CST-4RS		-	0	28%	$0		100%	0%	0%	0%
400865	CCWRF Aeration Basin S.S. Piping	CCWRF Aeration Basin Air Ducting Repl	1,037,661	c	49%	$504,007		0%	100%	0%	0%
150121	Aramark Grading	RP5 Utilitiy Water Pipeline	1,036,823	5	33%	$345,608		0%	0%	0%	100%
601955	RP4 AERATION EQUIPMENT		1,015,776	4	34%	$349,173		0%	100%	0%	0%
400823	RP5 SHF Gas Treatment and Flaring System	Complete Mix Digestion Tech	1,012,973	5	33%	$337,658		0%	45%	55%	0%
400760	PREASSEMBLED ELECTRICAL RP1 BUILDING		1,006,601	1	13%	$125,825		0%	0%	0%	100%
400422	BLOWER & POWER BUILDING	R5EN95028/03:RP5 - Primary / Seconda	1,005,971	5	33%	$335,324		0%	100%	0%	0%
300085	CUCAMONGA INTERCEPTOR - I.D.C	OLD00027:RP1 - Primary/Secondary	980,118	1	13%	$122,515		100%	0%	0%	0%
600868	RP4 HEADWORKS STRUCTURE	99HWB7001:RP4 - Primary / Secondary	978,012	4	34%	$336,192		100%	0%	0%	0%
400863	RP1 Aeration Structure	RP1 Odor Control - Phase I	965,567	1	13%	$120,696		0%	100%	0%	0%
300177	Pipeline		963,026	0	28%	$266,395		100%	0%	0%	0%
400126	RP4 ADMINISTRATION BUILDING	99MBA7001:RP4 - Administration	937,256	4	34%	$322,182		0%	0%	0%	100%
602156	RP1 Dechlorination SBS Diaphragm Metering	RP1 Dechlor/Solids Upgrades	918,256	1	13%	$114,782		100%	0%	0%	0%
602156	RP1 Dechlorination SBS Diaphragm Metering	RP1 Dechlor/Solids Upgrades	277,326	1	13%	$34,666		100%	0%	0%	0%
400148	RP4 RECYCLE PUMP STA. STRUCTURE	99HSRS7201:RP4 - Solids Handling	902,627	4	34%	$310,278		0%	0%	0%	100%
400076	RP1-DIGESTER #4 MODIFICATIONS	04EN96020:RP1 - Primary/Secondary	879,400	1	13%	$109,925		0%	45%	55%	0%
400417	RP1 DAIRY MANURE DIGEST PILOT	06PL01008:RP1 Manure Digester	863,465	1	13%	$107,933		0%	45%	55%	0%
300429	NRW Edison Slip Linning 24"-2005 LF	NRW Systems Upgrades	850,953	0	28%	$295,399		0%	45%	55%	0%
300083	UPLAND INTERCEPTOR TRUNK	OLD00022:RP1 - Primary/Secondary	843,810	1	13%	$105,476		100%	0%	0%	0%
300197	TERTIARY OUTFALL - T.P. #1	OLD00200:RP1 - Tertiary	838,548	1	13%	$104,818		100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400054	RP1 NITROGEN DESIGN & CONSTRU	9500184:RP1 - Primary/Secondary	818,570	1	13%	$102,321	4	0%	100%	0%	0%
300410	NRW COLLECTIONS SYSTEM REPAIRS-PIPELIN	NRW Pipelines & Manholes	803,207	0	28%	$222,186	10	0%	45%	55%	0%
400820	Philly Pump Station Motor Control Center	Phil Pump Station Upgrades	776,627	0	28%	$214,833	1	100%	0%	0%	0%
400647	RP1 FILTERS	EN90003:RP1 - Tertiary	759,510	1	13%	$94,939	1	100%	0%	0%	0%
400021	RP4 GENERATION STATION	04EN01033:RP4 - Primary / Secondary	753,537	4	34%	$259,028	3	0%	0%	0%	100%
400745	RP1 AERATION BASIN MODIFICATION		752,751	1	13%	$94,094	1	0%	100%	0%	0%
400433	EMERGENCY STORAGE BASIN PUMP	R5EN95028/14:RP5 - Primary / Seconda	743,115	5	33%	$247,705	2	100%	0%	0%	0%
400218	CONTROL CENTER BLDG.	OLD00612:RP1 - Solids Handling	741,739	1	13%	$92,717	1	0%	0%	0%	100%
400816	RP2 FRP Chemical Storage Tanks	RP2 Dewater Cake Storage System	723,429	2	4%	$32,152	1	0%	0%	0%	100%
400858	RP5 Piping Improvements	RP5 Solid Fac Mixing Tank Mod	721,277	5	33%	$240,426	3	0%	0%	0%	100%
400226	SEC. CLAR.-STRUCTURE	OLD00770:RP1 - Solids Handling	718,747	1	13%	$89,843	1	80%	20%	0%	0%
900024	FY98/99 LACSD CAPITAL RPLCMEN	99LACSD001:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
900181	CSDLAC 4R's-CAPACITY RIGHTS	CSDLAC Capital Repl Costs-FY1011	-	0	28%	$0	0	0%	0%	0%	100%
100031	LAND-ADMIN BUILDING A	R5EN95028/43:Main Office Administrat	701,969	0	28%	$194,181	0	0%	0%	0%	100%
100032	LAND-ADMIN BUILDING B	R5EN95028/44:Main Office Administrat	701,866	0	28%	$194,152	0	0%	0%	0%	100%
300089	ADDITION 74/75	OLD00031:RP1 - Primary/Secondary	685,056	1	13%	$85,632	1	0%	0%	0%	100%
900057	LACSD CAPITAL REPL 92/93	97LACSD024:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
601948	STANDBY GENERATOR	SAN BERNARDINO AVE PUMP STATION	670,225	0	28%	$185,400	0	100%	0%	0%	0%
900052	LACSD CAPITAL REPL 00/01	01LACSD02:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400158	PR4 PROJECT GUARANTIES/WARRAN	99HWNRTY7001:RP4 - Administration	662,141	4	34%	$227,611	0	0%	0%	0%	100%
602058	RP1 Turblex Blower #4 KA225V-GL225 Single S	RP1 Blower #4 Instl	657,115	1	13%	$82,139	1	0%	100%	0%	0%
400138	RP4 BLOWER BUILDNG STRUCTURE	99HSFB7401:RP4 - Tertiary	654,473	4	34%	$224,975	0	0%	100%	0%	0%
400139	RP4 BACKWASH PUMP STATION BLD	99HSBP7401:RP4 - Tertiary	654,473	4	34%	$224,975	0	100%	0%	0%	0%
400141	RP4 FILTER BANK#3 STRUCTURE	99HSBB7401:RP4 - Tertiary	654,473	4	34%	$224,975	0	100%	0%	0%	0%
400040	RP3 DESIGN & CONSTRUCTION	9500194:RP3 - Primary/Secondary	650,883	3	28%	$180,049	0	0%	0%	0%	100%
400748	RP5 RENEWABLE ENERGY PHASE II EXPANSIO		645,203	5	33%	$215,068	0	0%	0%	0%	100%
400131	RP4 SOLIDS DEWATERING BLDG	99HCPA7201:RP4 - Solids Handling	643,827	4	34%	$221,316	10	0%	45%	55%	0%
600270	RP4 COMPRESSOR AIR SOLIDS BLG	99HBSD7201:RP4 - Solids Handling	643,827	4	34%	$221,316	0	0%	45%	55%	0%
150044	SITEWORK	OLD01253:RP1 - Solids Handling	642,525	1	13%	$80,316	11	0%	45%	55%	0%
400508	RP1 Digester Gas System Modifications		638,905	1	13%	$79,863	1	0%	45%	55%	0%
602301	RP1 Aeration Trickling Filter	RP1 Odor Control - Phase I	632,306	1	13%	$79,038	1	0%	0%	0%	100%
601588	Aeration Sys Mod		621,287	0	28%	$171,863	0	0%	100%	0%	0%
300282	RP2 HEAD WORKS	OLD01879:RP2 - Primary/Secondary	618,510	2	4%	$27,489	1	100%	0%	0%	0%
300437	RP1 8" SDR9/IPS 200 HDPE Pipe	RP-1 Filtrate/Centrate Pipeline Improve	617,896	1	13%	$77,237	10	0%	45%	55%	0%
400161	RP4 CAPITALIZED INTEREST	99HINT7001:RP4 - Administration	615,063	4	34%	$211,428	0	0%	0%	0%	100%
400734	RP1 Digester 6 & 7 Emergency Structure		604,569	1	13%	$75,571	1	0%	45%	55%	0%
900060	LACSD CAPITAL REPL 95/96	97LACSD027:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400814	RP5 Wellhead Electrical Digesters	RP5 Utility Water Pipeline	599,285	5	33%	$199,762	3	0%	45%	55%	0%
400313	RP2 SOLIDS CONTROL BUILDING	EN91055:RP2 - Solids Handling	596,769	2	4%	$26,523	1	0%	45%	55%	0%
400799	NRWS S. Manholes and Covers-Ontario	Collection Systm Emerg Upgrade	591,317	0	28%	$163,572	10	0%	45%	55%	0%
400492	RP1 DIG 5,6,&7 SEISMIC RETROFIT		587,229	1	13%	$73,404	1	0%	45%	55%	0%
900023	LACSD CAPITAL REPL 99/00	00LACSD001:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
600272	RP4 CENTRIFUGE SLDGE DEWTR 2E	99HCSD7201/2:RP4 - Solids Handling	578,580	4	34%	$198,887	10	0%	45%	55%	0%
400292	RP1 SECONDARY CLARIFIERS	EN90002:RP1 - Solids Handling	575,244	1	13%	$71,905	1	80%	20%	0%	0%
400135	RP4 ANOXIC TANK#1 STRUCTURE	99H5AT7003:RP4 - Primary / Secondary	574,299	4	34%	$197,415	0	0%	100%	0%	0%
400136	RP4 ANOXIC TANK#2 STRUCTURE	99H5AT7002:RP4 - Primary / Secondary	574,299	4	34%	$197,415	0	0%	100%	0%	0%
400137	RP4 ANOXIC TANK#3 STRUCTURE	99H5AT7001:RP4 - Primary / Secondary	574,299	4	34%	$197,415	0	0%	100%	0%	0%
300350	RP5 CAPACITY IMPROVEMENT		571,863	5	33%	$190,621	1	0%	0%	0%	100%
602157	RP1 Intermediate Pump Station VFD	RP1 Dechlor/Solids Upgrades	571,333	1	13%	$71,417	1	100%	0%	0%	0%
602157	RP1 Intermediate Pump Station VFD	RP1 Dechlor/Solids Upgrades	107,935	1	13%	$13,492	0	100%	0%	0%	0%
400726	EN06811-RP5 Solid Handling Improvement	EN06811-RP5 Solid Handling Improveme	571,036	5	33%	$190,345	1	0%	45%	55%	0%
601578	RP1 TO RP5 BY-PASS ELECTRICAL EQUIP		570,657	1,5	19%	$109,275	1	100%	0%	0%	0%
300435	RP5 Piping System & Misc Valves	RP5 Solid Fac Co-Digestion	569,534	5	33%	$189,845	1	0%	0%	0%	100%
400750	SAN BERNARDINO AVE PUMP STATION TANK		568,200	0	28%	$157,177	0	100%	0%	0%	0%
400130	RP4 BIO-RECY. PUMP STA. BLDG.	99HBRB7001:RP4 - Primary / Secondary	564,379	4	34%	$194,005	0	0%	0%	0%	100%
300078	PIPELINE - 1.6 MILES	OLD00016:NRW General Administration	563,698	0	28%	$155,932	1	100%	0%	0%	0%
400727	EN06811 RP5 SOLID HANDLING IMPROVEMEN	EN06811 RP5 SOLID HANDLING IMPROV	555,925	5	33%	$185,308	6	0%	45%	55%	0%
300296	RP2 LIFT STATION	R5EN95028/34:RP2 - Primary/Secondary	543,585	2	4%	$24,159	1	100%	0%	0%	0%
900036	LACSD CAPITAL REPL 00/01	01LACSD01:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
602230	RP5 Tank Mixing Assemeblies	RP5 Solid Fac Mixing Tank Mod	540,207	5	33%	$180,069	9	0%	45%	55%	0%
400751	SAN BERNARDINO AND ETIWANDA AVE LIFT S		524,818	0	28%	$145,177	1	100%	0%	0%	0%
400849	RP5 4 Food Waste Tanks 100,200,300,400	RP5 Solid Fac Co-Digestion	521,812	5	33%	$173,937	0	0%	0%	0%	100%
400432	EMERGENCY STORAGE BASIN	R5EN95028/13:RP5 - Primary / Seconda	518,453	5	33%	$172,818	6	100%	0%	0%	0%
602271	RP1 LAB HVAC System	RP1 Asset Replacement- In House Maint	514,131	1	13%	$64,266	0	0%	0%	0%	100%
900107	SARI TREATMENT CAPACITY	98SARI000002:NRW Southern System	509,372	0	28%	$140,904	10	0%	45%	55%	0%
300199	WESTSIDE INTERCEPTOR PHASE 1	OLD00049:RP2 - Primary/Secondary	508,471	2	4%	$22,599	1	100%	0%	0%	0%
900035	LACSD CAPITAL REPL 02/03	03LACSD01:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
602095	Fabricated Aeration Basin Panel Membranes	RP1/RP5/CCWRF Aeration Basin Clean A	492,404	1,5,c	26%	$127,541	4	0%	100%	0%	0%
300095	WESTSIDE INTCPTR PHASE II & I	OLD00050:RP1 - Primary/Secondary	490,875	1	13%	$61,359	1	100%	0%	0%	0%
601589	Aeration Sys Mod		484,576	0	28%	$134,045	4	0%	100%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400787	RP1 Food Waste Storage Pump Station	RP1 Food Waste Storage Pump Station	481,371	1	13%	$60,171	9	0%	45%	55%	0%
400723	PRIM. CLAR. #1.#2.#3.#4	OLD00665:RP1 - Solids Handling	474,956	1	13%	$59,369	8	80%	0%	20%	0%
400866	CCWRF Aeration Basin Concrete Stands Struct	CCWRF Aeration Basin Air Ducting Repl:	466,458	c	49%	$226,565	4	0%	100%	0%	0%
900058	LACSD CAPITAL REPL 93/94	97LACSD025:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400827	RP1 Dechlorination Overflow Pipe	RP1 Dechlor/Solids Upgrades	457,272	1	13%	$57,159	1	100%	0%	0%	0%
802124	Philly Pump Station Self Priming Engine Drive	Phil Pump Station Upgrades	453,699	0	28%	$125,504	1	100%	0%	0%	0%
400476	EMERGENCY PIPELINE REPL-ELM	:	450,340	0	28%	$124,575	1	100%	0%	0%	0%
601961	RP1 CHEMICAL INDUCTION MIXER		444,571	1	13%	$55,571	6	100%	0%	0%	0%
400440	PRIMARY SLUDGE PUMP STATION	R5EN95028/23:RP5 - Primary / Seconda	442,677	5	33%	$147,559	3	80%	0%	20%	0%
300114	ADDITION 78/79	OLD00099:NRW General Administration	442,072	0	28%	$122,287	0	0%	0%	0%	100%
150004	RP1 ENTRY ROAD IMPRV/LANDSCAP	06EN01015:RP1 - Primary/Secondary	436,510	1	13%	$54,564	1	100%	0%	0%	0%
400648	RP1 CHLORINE BUILDING	EN90003:RP1 - Tertiary	426,295	1	13%	$53,287	6	100%	0%	0%	0%
400058	CONVERT 002 DECHLOR TO SULFIT	9600031:RP1 - Tertiary	423,350	1	13%	$52,919	6	100%	0%	0%	0%
400439	PRIMARY CHEMICAL FACILITY	R5EN95028/22:RP5 - Primary / Seconda	419,139	5	33%	$139,713	3	80%	0%	20%	0%
400426	SPLITTER BOX	R5EN95028/07:RP5 - Primary / Seconda	418,176	5	33%	$139,392	3	80%	0%	20%	0%
400819	Philly Pump Station Improvement-Piping & Pr	Phil Pump Station Upgrades	414,668	0	28%	$114,707	1	100%	0%	0%	0%
400819	Philly Pump Station Improvement-CCTV	Phil Pump Station Upgrades	1,304,354	0	28%	$360,815	1	100%	0%	0%	0%
300056	RP4 VLVS.MTRS.VLTS OUTFLL CON	99EN97021704:RP4 - Primary / Seconda	414,311	4	34%	$142,420	8	100%	0%	0%	0%
602144	RP1 VFD's RAS Pumps	RP1 Assessment Work	414,082	1	13%	$51,760	1	80%	20%	0%	0%
602121	RP2 Shaftless Screw Conveyors	RP2 Dewater Cake Storage System	413,866	2	4%	$18,394	10	0%	45%	55%	0%
300106	5900.82 FT. ONT. UTIL. INTERC	OLD00079:RP1 - Primary/Secondary	413,455	1	13%	$51,682	1	100%	0%	0%	0%
400851	RP1 & RP4 Equalization Basins Repairs	RP4 Storage Pond Improvements	410,615	1,4	20%	$81,268	8	80%	0%	20%	0%
400293	RAS PUMP STATION	EN90002:RP1 - Solids Handling	405,236	1	13%	$50,654	8	80%	20%	0%	0%
400308	RP2 DIGESTER CONTROL BUILDING	EN91055:RP2 - Solids Handling	403,126	2	4%	$17,917	8	0%	45%	55%	0%
100014	LAND-FONTANA INTERCEPTOR	OLD05492:RP1 - Primary/Secondary	396,765	1	13%	$49,596	1	100%	0%	0%	0%
601885	POWER DIESEL ENGINE GENERATOR #1	RP5 WRF Standby Diesel Generator	396,101	5	33%	$132,034	4	0%	0%	0%	100%
602209	GERMAN WINKLEPRESS TYPE 84 SIZE 3 BELT F	Rebuild 2 Ashbrook Belt Press at RP2	395,011	2	4%	$17,556	10	0%	45%	55%	0%
400864	RP1 Aeration Tanks	RP1 Odor Control - Phase I	393,017	1	13%	$49,127	8	0%	100%	0%	0%
601942	CHEMICAL TANK		388,916	0	28%	$107,583	3	0%	0%	0%	100%
601886	POWER DIESEL ENGINE GENERATOR #2	RP5 WRF Standby Diesel Generator	386,323	5	33%	$128,774	4	0%	0%	0%	100%
400442	POWER CENTER 3	R5EN95028/25:RP5 - Tertiary Operation	386,191	5	33%	$128,730	4	0%	0%	0%	100%
400786	Rehabilitation Prado Park Interceptor Manho	Prado Park Interceptor Improvements	386,107	0	28%	$106,806	4	100%	0%	0%	0%
300067	NORTH INTERCEPTOR -- C	OLD00001:NRW Southern System	385,476	0	28%	$106,632	12	0%	45%	55%	0%
900101	CONTRIBUTION 1986-87	OLD05601:NRW General Administration	376,885	0	28%	$104,255	3	0%	0%	0%	100%
400405	RP1 DIG/CLEAN EQUIP. LAGOON	99PA96006:RP1 - Primary/Secondary	371,541	1	13%	$46,443	1	0%	45%	55%	0%
600311	RP4 SEWERS/STORM DRAINS	99HPIPE7001:RP4 - Primary / Secondary	370,762	4	34%	$127,449	8	0%	0%	0%	100%
400077	FLOCCULATION/SEDIMENTATION BA	00EN96024:RP1 - Tertiary	365,806	1	13%	$45,726	8	100%	0%	0%	0%
400150	RP4 SWITCHGEAR(SCE MAIN) BLDG	99HSSG7001:RP4 - Primary / Secondary	363,079	4	34%	$124,808	8	0%	0%	0%	100%
300413	NRW Lateral Brine Waste Pipeline 4,000 Feet	City of Chino Lateral Connection -	363,067	0	28%	$100,433	12	0%	45%	55%	0%
602227	RP1 Control Panels (9)	RP-1 Digester Gas Condensate S	358,177	1	13%	$44,772	8	0%	45%	55%	0%
300281	INFLUNENT STRUCTURE	OLD01878:RP2 - Primary/Secondary	352,265	2	4%	$15,656	4	100%	0%	0%	0%
400818	RP2 Gravity Thickener	RP2 Dewater Cake Storage System	349,935	2	4%	$15,559	4	0%	0%	100%	0%
400740	RP5 CAPACITY IMPROVEMENT		349,168	5	33%	$116,389	3	0%	0%	0%	100%
900108	SARI TREATMENT CAPACITY	98SARI000004:NRW Southern System	346,984	0	28%	$95,984	10	0%	45%	55%	0%
400159	RP4 BONDS & INSURANCE	99HINS7001:RP4 - Administration	346,891	4	34%	$119,244	7	0%	0%	0%	100%
400182	M.I. LIFT STA. BLDG. STRUCTUR	OLD00039:Montclair Lift Station	343,307	0	28%	$94,967	1	100%	0%	0%	0%
300079	ONTARIO INTERCEPTOR TRUNK	OLD00018:RP1 - Primary/Secondary	343,216	1	13%	$42,902	1	100%	0%	0%	0%
400128	RP4 MCC#1 BUILDING	99HBMC7401:RP4 - Primary / Secondary	337,633	4	34%	$116,061	8	0%	0%	0%	100%
400129	RP4 MCC#2 BUILDING	99HBMC7001:RP4 - Primary / Secondary	337,633	4	34%	$116,061	8	0%	0%	0%	100%
400028	TP1 CHLORINATON LINE REPL	05EN04034:RP1 - Tertiary	336,543	1	13%	$42,068	8	100%	0%	0%	0%
601946	RP4 DCS NETWORK EQUIPMEMNT / COMPUT		334,916	4	34%	$115,128	3	0%	0%	0%	100%
100011	LAND-CUCA. INTERCEPTOR-I.D.C.	OLD05489:RP1 - Primary/Secondary	334,039	1	13%	$41,755	8	100%	0%	0%	0%
300267	SITEWORK & STRUCTURE	OLD01783:RP2 - Primary/Secondary	331,268	2	4%	$14,723	4	0%	0%	0%	100%
900042	LACSD CAPITAL REPL 77/78	97LACSD011:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400068	TP1 FILTER	98EN94041002:RP1 - Tertiary	326,839	1	13%	$40,855	8	100%	0%	0%	0%
400067	TP1 FILTER	98EN94041001:RP1 - Tertiary	326,839	1	13%	$40,855	8	100%	0%	0%	0%
400479	RP1 SILOXANE DAMAGE RECOVERY	:	325,771	1	13%	$40,721	8	0%	45%	55%	0%
300285	PRI EFFLUENT PUMP STATION	OLD01882:RP2 - Primary/Secondary	325,082	2	4%	$14,448	8	100%	0%	0%	0%
400828	RP1 Dechlorination 6" Waterline	RP1 Dechlor/Solids Upgrades	324,393	1	13%	$40,549	8	100%	0%	0%	0%
400622	TERTIARY FILTER STRUCTURE	OLD02233:RP1 - Tertiary	324,309	1	13%	$40,539	8	100%	0%	0%	0%
400829	RP1 Primary Clarifier Air Header & Diffuser	RP1 Dechlor/Solids Upgrades	318,224	1	13%	$39,778	8	80%	0%	20%	0%
150041	RP4 ALL GRATING -GENERAL SITE	99HSTIMP7001:RP4 - Administration	313,375	4	34%	$107,723	7	0%	0%	0%	100%
150066	RP5 LANDS RESTORATION/DEVELOPMENT	:	305,798	5	33%	$101,933	3	0%	0%	0%	100%
400287	HEAD WORKS	EN90009:RP1 - Solids Handling	305,666	1	13%	$38,208	1	100%	0%	0%	0%
150018	RP4 LAND IMPROVEMENTS-OUTFALL	99EN97020704:RP4 - Administration	305,321	4	34%	$104,954	7	100%	0%	0%	0%
150026	RP1-LANDSCAPING	02EN98007:Operations Center RP-1	304,245	1	13%	$38,031	8	0%	0%	0%	100%
300433	Philly Pump Station Improvement-Gate Valve:	CM Misc NRW5 Construction & Emerg P	304,063	0	28%	$84,111	3	100%	0%	0%	0%
400140	RP4 EFF CHANNEL STRUCTURE	99HSEC7401:RP4 - Tertiary	303,758	4	34%	$104,417	8	100%	0%	0%	0%
400143	RP4 EFF METER VAULT STRUCTURE	99HSMV7401:RP4 - Tertiary	303,758	4	34%	$104,417	8	100%	0%	0%	0%
400147	RP4 POST AERATION TANK STRUCT	99HSPA7401:RP4 - Tertiary	303,758	4	34%	$104,417	8	100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400152	RP4 U.V. STRUCTURE	99HSUV7401:RP4 - Tertiary	303,758	4	34%	$104,417	4	100%	0%	0%	0%
300109	WW-#8 REGIONAL CONNECTION	CW92008:RP1 - Primary/Secondary	300,950	1	13%	$37,619	1	100%	0%	0%	0%
400798	NRWS S. Manholes Sleeves-Chino	Collection Systm Emerg Upgrade	299,462	0	28%	$82,838	10	0%	45%	55%	0%
300425	RP2 24" Primary Ductile Iron Pipe	RP-2 & RP-5 IPS Overflow	296,536	2	4%	$13,179	3	80%	0%	20%	0%
300188	PIPELINES		292,911	0	28%	$81,026	1	100%	0%	0%	0%
602181	Gas Cleaning System for Bioga Generators	Gas Cleaning Systems for RP-1, RP-2, &	289,845	1,2,5	15%	$43,700	0	0%	0%	0%	100%
600183	RP2 SOLIDS LOADNG CONVEYR REL	06EN03013:RP2 - Primary/Secondary	282,937	2	4%	$12,575	10	0%	45%	55%	0%
400078	RP1 DIGSTR IMPROV HEAT/GAS	01EN96042:RP1 - Digester Cleaning	281,790	1	13%	$35,224	9	0%	45%	55%	0%
400739	RP5 UTILITY WATER PIPELINE		276,194	5	33%	$92,065	0	0%	0%	0%	100%
602142	RP1 Sludge Valve Actuators	ACPS-3001, 2, 3, 9 Thru 12,15 Thru 21, 2	273,188	1	13%	$34,149	0	0%	0%	0%	100%
400830	RP1 Slide Gates Headwork's	A-G-1/2/3/4/5/6/7/8/101/107/108/110	269,435	1	13%	$33,679	2	100%	0%	0%	0%
150102	EN05056.01 RP5 FENCING IMRPOVEMENT	EN05056.01 RP5 FENCING IMRPOVEME	268,844	5	33%	$89,615	0	0%	0%	0%	100%
400815	RP2 Dewater Cake Storage Hoppers	RP2 Dewater Cake Storage System	268,240	2	4%	$11,922	10	0%	45%	55%	0%
601025	RP1 MISCRO TURBINES	RSEN95028/37:RP1 - Primary/Secondar	267,940	1	13%	$33,492	9	0%	45%	55%	0%
400044	CCWRP & RP2 SOLID EXP-ADD'L C	9500108:RP2 - Solids Handling	267,257	c,2	24%	$63,474	9	0%	45%	55%	0%
602146	RP1 Secondary Clarifier No. 1 Equipment	RP1 Assessment Work	265,311	1	13%	$33,164	5	80%	20%	0%	0%
400295	DAFT THICKNERS	EN90002:RP1 - Solids Handling	262,621	1	13%	$32,828	7	0%	100%	0%	0%
400737	RP-1 SOLAR POWER PLANT AREA 4		260,074	1	13%	$32,509	0	0%	0%	0%	100%
400235	BRIDGE AND APPROACHES	OLD01101:RP1 - Solids Handling	258,188	1	13%	$32,274	0	0%	0%	0%	100%
300104	FONTANA IRS	EN90005:RP1 - Primary/Secondary	256,054	1	13%	$32,007	1	100%	0%	0%	0%
150021	RP4 LAND IMPROVEMENTS-OUTFALL	99EN97021702:RP4 - Administration	255,736	4	34%	$87,909	6	100%	0%	0%	0%
300201	INTERCEPTOR FROM PUMP STATION	OLD00068:RP2 - Primary/Secondary	254,678	2	4%	$11,319	1	100%	0%	0%	0%
300030	GROVE AVE NRW RELOCATION	05EN92007:NRW Northern System	252,605	0	28%	$69,877	10	0%	45%	55%	0%
100010	LAND-MONTCLAIR INTERCEPTOR	OLD05487:RP1 - Administration	252,073	1	13%	$31,509	1	100%	0%	0%	0%
601933	RP5 FUEL GAS COMPRESSION SYSTEM		247,905	5	33%	$82,635	9	0%	45%	55%	0%
400210	DIGESTER TANKS #3 & #4	OLD00483:RP1 - Solids Handling	247,750	1	13%	$30,969	8	0%	45%	55%	0%
400821	NRW 48 Pressure Manhole Covers	NRW Systems Upgrades	247,075	0	28%	$68,347	10	0%	45%	55%	0%
900087	CAP COST-SEC TREATMENT	OLD05584:NRW General Administration	243,754	0	28%	$67,428	4	0%	100%	0%	0%
300287	SEC DIVERSION STRUCTURE	OLD01884:RP2 - Primary/Secondary	243,204	2	4%	$10,809	5	80%	20%	0%	0%
400310	DAFT THICKENER	EN91055:RP2 - Solids Handling	241,198	2	4%	$10,720	7	0%	100%	0%	0%
400534	RP1 MODERNIZATION		239,128	1	13%	$29,891	0	0%	0%	0%	100%
400741	CCWRF BUILDING STRUCTURAL		234,480	c	49%	$113,890	0	0%	0%	0%	100%
602129	Philly Pump Station Valves	Phil Pump Station Upgrades	234,452	0	28%	$64,855	1	100%	0%	0%	0%
602147	RP1 Secondary Clarifier No. 2 Equipment	RP1 Assessment Work	233,270	1	13%	$29,159	5	80%	20%	0%	0%
400431	EFFLUENT METERING BOX	R5EN95028/12:RP5 - Primary / Seconda	230,657	0	28%	$63,805	6	100%	0%	0%	0%
400070	CCWRF LINE EMERGENCY LAGOON	97EN95008001:CCWRF - Primary/Secon	228,786	c	49%	$111,125	6	100%	0%	0%	0%
400485	RP1 DIGESTER GAS STORAGE, III		227,884	1	13%	$28,486	2	0%	45%	55%	0%
300062	RP4 ENGINEERING SVS -OUTFALL	99EN97025705:RP4 - Primary / Seconda	226,625	4	34%	$77,902	6	100%	0%	0%	0%
400052	RP2/CLWRP WARRANTY REPAIR	9500113:RP2/CCWRF - Administration	226,257	2,c	24%	$53,736	10	0%	0%	0%	100%
400911	RECYCLE PUMP STATION	EN91055:RP2 - Solids Handling	225,133	2	4%	$10,006	7	100%	0%	0%	0%
400735	RP-5 SOLAR POWER PLANT STRUCTURE		223,597	5	33%	$74,532	0	0%	0%	0%	100%
602145	RP1 VFD's WAS Pumps	RP1 Assessment Work	223,018	1	13%	$27,877	5	80%	20%	0%	0%
300132	SOUTHERN PACIFIC TRANSPORTATI	OLD00135:NRW General Administration	220,221	0	28%	$60,918	1	100%	0%	0%	0%
400132	RP4 N.A.T.S. FACILITY DESIGN	99HDSGN7001:RP4 - Administration	217,242	4	34%	$74,677	11	0%	45%	55%	0%
600169	RP1-MICROTURBINES	03EN01039:RP1 - Solids Handling	213,738	1	13%	$26,717	8	0%	45%	55%	0%
400023	RP1 DIGESTER GAS STORAGE	04EN01036:RP1 - Primary/Secondary	209,169	1	13%	$26,146	8	0%	45%	55%	0%
400462	RP1 DEWATERING MODS	98TS95001001:RP1 - Solids Handling	209,077	1	13%	$26,135	8	0%	45%	55%	0%
150107	EASEMENT FOR ARCHIBALD TRUCK-TURNER &		208,313	1	13%	$26,039	0	0%	0%	0%	100%
602298	RP1 Aeration Seals	RP1 Odor Control - Phase I	207,483	1	13%	$25,935	0	0%	0%	0%	100%
300170	RP2 CITY OF CHINO POTABLE WATER PIPELINE :		206,869	2	4%	$9,194	0	0%	0%	0%	100%
400675	Regional Facilities Repair		200,872	0	28%	$55,566	0	0%	0%	0%	100%
602098	Fairbanks Morse Bare Pump 4"	RP1 Digester PD Pumps	199,503	1	13%	$24,938	8	0%	45%	55%	0%
602232	RP5 Progressive Cavity Pumps	RP5 Solid Fac Mixing Tank Mod	197,753	5	33%	$65,918	0	0%	45%	55%	0%
602232	RP5 Progressive Cavity Pumps	RP5 Solid Fac Mixing Tank Mod	197,753	5	33%	$65,918	0	0%	45%	55%	0%
602141	RP1 Primary Clarifier Hatches/Covers	RP1 Assessment Work	196,438	1	13%	$24,555	2	80%	0%	20%	0%
400796	NRWS N. Manholes and Covers-Fontana	Collection Systm Emerg Upgrade	194,489	0	28%	$53,800	10	0%	45%	55%	0%
100038	16 ACRES C.B.MASINGALE TRTMNT	OLD05505:RP1 - Tertiary	192,321	1	13%	$24,040	1	100%	0%	0%	0%
602273	RP1 Rebuilt Belt Press Exchange	RP1 Asset Replacement- In House Maint	188,255	1	13%	$23,532	11	0%	45%	55%	0%
602161	RP1 Filter Bank 1 Level Sensors	PBD1X3260174/182/183/186/188/398/4	187,385	1	13%	$23,423	0	0%	0%	0%	100%
400222	HEADWORKS-GRIT CHAMBER BLDG	OLD00623:RP1 - Solids Handling	183,578	1	13%	$22,947	1	100%	0%	0%	0%
400038	RP1 RECTANG RP1 CLARIFIER CVR	04EN20036:RP1 - Primary/Secondary	182,851	1	13%	$22,856	2	80%	0%	20%	0%
602186	RP5 Sludge Heat Exchangers	RP5 Solid Fac Heat Recovery	181,480	5	33%	$60,493	0	0%	45%	55%	0%
602302	RP1 Aeration Blower	RP1 Odor Control - Phase I	179,455	1	13%	$22,432	0	0%	0%	0%	100%
100020	RIGHT OF WAY BAINBRIDGE 87/88	OLD05498:RP1 - Primary/Secondary	178,445	1	13%	$22,306	1	100%	0%	0%	0%
400022	RP1 DISINFECTION SYS UPGRADE	04EN01035:RP1 - Primary/Secondary	176,877	1	13%	$22,110	1	100%	0%	0%	0%
601965	RP5 AIR RECEIVER		176,513	5	33%	$58,838	0	0%	0%	0%	100%
400094	CCWRF PRIMARY EFFLUENT PUMP I	00EN97032:CCWRF - Primary/Secondan	176,074	c	49%	$85,522	4	100%	0%	0%	0%
100019	RIGHT OF WAY BAINBRIDGE 87/88	OLD05497:RP1 - Primary/Secondary	175,252	1	13%	$21,906	1	100%	0%	0%	0%
300076	CUCAMONGA INTERTIE	OLD00013:NRW General Administration	174,292	0	28%	$48,213	1	100%	0%	0%	0%
400742	CCWRF STORAGE TANK STRUCTURAL		172,957	c	49%	$84,008	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
900092	CONTRIBUTION 1983-84	OLD05591:NRW General Administration	172,842	0	28%	$47,812		0%	0%	0%	100%
400280	PUMP STATION #2	OLD01262:RP1 - Solids Handling	172,042	1	13%	$21,505		0%	0%	0%	100%
900064	CSDOC - SUPPLEMENTARY TREATM	9500196:NRW General Administration	168,962	0	28%	$46,739		0%	0%	0%	100%
602148	RP1 DAFT Equipment No. 1 Mechanical	RP1 Assessment Work	168,455	1	13%	$21,057		0%	100%	0%	0%
400031	RP2 CENTRIFUGE RELOCATION	06EN05018:RP2 - Solids Handling	167,263	2	4%	$7,434		0%	45%	55%	0%
900048	LACSD CAPITAL REPL 84/85	97LACSD017:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
602137	RP1 Primary Clarifier 07 Equipment	RP1 Assessment Work	165,896	1	13%	$20,737		80%	0%	20%	0%
150056	RP5 LANDSCAPING	R5EN95028/46:RP5 - Primary / Seconda	164,808	5	33%	$54,936		50%	50%	0%	0%
602149	RP1 DAFT Equipment No. 2 Mechanical	RP1 Assessment Work	164,442	1	13%	$20,555		0%	100%	0%	0%
602150	RP1 DAFT Equipment No. 3 Mechanical	RP1 Assessment Work	164,442	1	13%	$20,555		0%	100%	0%	0%
601937	RP5 FOOD WASTE ELECTRICAL TANK		161,758	5	33%	$53,919		0%	0%	0%	100%
602138	RP1 Primary Clarifier 08 Equipment	RP1 Assessment Work	161,062	1	13%	$20,133		80%	0%	20%	0%
400780	RP-5 SBS Freeze Protection Tanks	Agency Wide SBS Freezing Protection	160,513	5	33%	$53,504		100%	0%	0%	0%
400238	PRIMARY CLARIFIER #4	OLD01124:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
400239	PRIMARY CLARIFIER #5	OLD01123:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
400240	PRIMARY CLARIFIER #6	OLD01122:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
400241	PRIMARY CLARIFIER #7	OLD01121:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
400242	PRIMARY CLARIFIER #8	OLD01120:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
400243	PRIMARY CLARIFIER #9	OLD01119:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
400244	PRIMARY CLARIFIER #10	OLD01118:RP1 - Solids Handling	159,342	1	13%	$19,918		80%	0%	20%	0%
602139	RP1 Primary Clarifier 09 Equipment	RP1 Assessment Work	159,232	1	13%	$19,904		80%	0%	20%	0%
602140	RP1 Primary Clarifier 10 Equipment	RP1 Assessment Work	159,232	1	13%	$19,904		80%	0%	20%	0%
600168	RP1-RAS & IPS MOTR & DRIVE UP	03EN01092:RP1 - Solids Handling	158,147	1	13%	$19,768		80%	20%	0%	0%
300050	ETIWANDA INTERCEPTOR CAP. INT	00EN97019:Regional Interceptors	158,089	0	28%	$43,731		100%	0%	0%	0%
150062	REGIONAL SYS EMERGENCY PIPELINE	:	157,257	0	28%	$43,501		100%	0%	0%	0%
400232	INT. PUMP STATION-STRUCTURE	OLD01050:RP1 - Solids Handling	157,172	1	13%	$19,647		80%	0%	20%	0%
602221	CCWRF 24" Fairbanks Morse Pump VTSH AWF	Purchase CCWRF Primary Effluent Pump	156,306	[illegible]	49%	$75,920		80%	0%	20%	0%
601935	CCWRF SODIUM HYPOCHLORITE TANK		155,628	c	49%	$75,591		100%	0%	0%	0%
602226	RP1 Submersible Pumps (9)	RP-1 Digester Gas Condensate S	153,049	1	13%	$19,131		0%	45%	55%	0%
300018	NIAGRA BOTTLING LATERAL PIPLI	06EN05070:NRW Northern System	152,140	0	28%	$42,086		0%	45%	55%	0%
602158	RP1 Electrical Room A/C Units	RP1 Dechlor/Solids Upgrades	151,181	1	13%	$18,898		100%	0%	0%	0%
100102	EASEMENT FOR 9774 CALABASH AVE/SB TRUI		144,733	0	28%	$40,036		100%	0%	0%	0%
300020	RP4-BACKWASH & SCUM LINE TO E	03EN20041:RP4 - Primary / Secondary	144,725	4	34%	$49,749		80%	10%	10%	0%
400133	RP4 MOBIL/TEMP/STARTUP/DEMOBI	99HMOB7001:RP4 - Administration	144,532	4	34%	$49,683		0%	0%	0%	100%
900047	LACSD CAPITAL REPL 83/84	97LACSD016:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
400806	Riser Vault Structure Modification	RP-1 Asst Mngmnt Items Ph 3 - RP1 60"	141,146	1	13%	$17,643		0%	0%	0%	100%
601960	RP1 CHEMICAL INDUCTION MIXER		141,080	1	13%	$17,635		100%	0%	0%	0%
400117	RP4 ACTIVATED SLUDGE DESIGN	99HALLOC7001:RP4 - Administration	140,834	4	34%	$48,412		0%	100%	0%	0%
150020	RP4 MOBIL/PRMTS/CAP INTEREST	99EN97021701:RP4 - Administration	139,993	4	34%	$48,123		0%	0%	0%	100%
300426	RP2 18" Primary Ductile Iron Pipe Sludge	RP-2 & RP-5 IPS Overflow	139,922	2	4%	$6,219		80%	0%	20%	0%
400024	RP2-GENERATION STATION	03EN01038:RP2 - Energy Recovery	139,128	2	4%	$6,183		0%	0%	0%	100%
602249	UPS Cabling and Power	Uninterruptable Power Supply (UPS) Re	137,875	0	28%	$38,140		0%	0%	0%	100%
900088	RETRO CAP COST-SEC. TREATMENT	OLD05585:NRW General Administration	137,438	0	28%	$38,018		0%	100%	0%	0%
601938	PR2 UAPC GAS COMPRESSOR		134,136	2	4%	$5,962		0%	45%	55%	0%
300082	ONTARIO REGIONAL CONNECT. #4	EN92017:RP1 - Primary/Secondary	133,621	1	13%	$16,703		100%	0%	0%	0%
400111	RP1-AUTO SECONDARY EFF-LAGOON	03EN99014:RP1 - Primary/Secondary	133,353	1	13%	$16,669		100%	0%	0%	0%
150017	RP4 MOBIL.PRMTS. CAP INTEREST	99EN97020701:RP4 - Administration	130,977	4	34%	$45,023		0%	0%	0%	100%
602187	RP5 Piping System and Misc Valves	RP5 Solid Fac Heat Recovery	130,270	5	33%	$43,423		0%	45%	55%	0%
100073	EASEMENTS FOR ARCHIBALD SEWERS		128,021	0	28%	$35,414		100%	0%	0%	0%
601503	CCWRF Chlorination Facility-Electronic Equip-		127,933	c	49%	$62,139		100%	0%	0%	0%
400599	W.W. HOLDING BASIN STRUCTURE	OLD02274:RP1 - Tertiary	127,879	1	13%	$15,985		100%	0%	0%	0%
400419	AGENCY ODOR MONITORING/MGT PR	06PL03004:RP1 - Primary/Secondary	127,831	1	13%	$15,979		0%	0%	0%	100%
602094	Fairbanks Morse 10"VTSH Pump	SBLS Critical Spare Equipment Purchase	127,558	0	28%	$35,286		0%	0%	0%	100%
400211	DEWATERING STRUCTURE	OLD00500:RP1 - Solids Handling	127,088	1	13%	$15,886		0%	45%	55%	0%
602377	RP2 ABS 100HP Pump	Major Facilities Repairs/Replacements	126,009	2	4%	$5,600		0%	45%	55%	0%
900053	LACSD CAPITAL REPL 88/89	97LACSD020:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
300040	RP1 DAFT SUBNATANT LINE	97EN93025001:RP1 - Primary/Secondar	125,498	1	13%	$15,687		0%	100%	0%	0%
300096	RP4 ENGINEERING SVS-OUTFALL	99EN93004702:RP4 - Primary / Seconde	124,924	4	34%	$42,943		100%	0%	0%	0%
300021	CUCAMONGA INTERCEPTOR MODIF	05EN20049:Regional Interceptors	124,099	0	28%	$34,329		100%	0%	0%	0%
602198	RP5 Bio-Filter Media	RP1/RP5 Bio-Filter Media Replacement	123,546	5	33%	$41,182		0%	0%	0%	100%
150091	SITEWORK	OLD02399:RP1 - Tertiary	123,288	1	13%	$15,411		100%	0%	0%	0%
400228	D.A.F.T. STRUCTURE	OLD00867:RP1 - Solids Handling	123,128	1	13%	$15,391		0%	100%	0%	0%
400289	CLAR & THICK FILTERS PUMP STA	EN90002:RP1 - Solids Handling	122,614	1	13%	$15,327		0%	0%	0%	100%
300221	RP2 DIGESTER #4 REPAIR	04EN02039:RP2 - Primary/Secondary	121,351	2	4%	$5,393		0%	45%	55%	0%
150091	RP4 FARTHWORK GENERAL SITE	99HEARTH7001:RP4 - Administration	121,167	4	34%	$41,651		0%	0%	0%	100%
300233	CONCRETE 4000 PSI-ACT SLUDGE	OLD01506:RP2 - Primary/Secondary	121,027	2	4%	$5,379		0%	100%	0%	0%
400033	TP1-STORM WATER PUMP STATION	03EN20015:RP1 - Tertiary	120,609	1	13%	$15,076		0%	0%	0%	100%
400045	TP1 DECHLORINATION	97EN91068001:RP1 - Tertiary	120,489	1	13%	$15,061		100%	0%	0%	0%
300422	RP5 Primary Concrete Weir Walls	RP-2 & RP-5 IPS Overflow	120,377	2,5	18%	$21,157		80%	0%	20%	0%
300141	3310 L.F. 15IN. VCP	OLD00149:NRW General Administration	119,757	0	28%	$33,128		100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
300294	RP2 PIPING	R5EN95028/35:RP2 - Primary/Secondary	118,996	2	4%	$5,289	4	0%	0%	0%	100%
100041	EASEMENTS FOR SANTA ANA OUTFA	OLD05506:RP1 - Tertiary	118,380	1	13%	$14,797	1	100%	0%	0%	0%
100036	SAN BERNARDINO PUMP STATION LAND		118,273	0	28%	$32,717	1	100%	0%	0%	0%
400282	BID ITEM #2	OLD01264:RP1 - Solids Handling	117,816	1	13%	$14,727	0	0%	0%	0%	100%
400434	EMERGENCY PUMP STATION	R5EN95028/15:RP5 - Primary / Seconda	117,703	5	33%	$39,234	6	100%	0%	0%	0%
601931	RP5 CONVEYANCE SYSTEM UPGRADES		117,690	5	33%	$39,230	0	0%	0%	0%	100%
300278	S.C. BLDG. ELECT. & INSTRUMNT	OLD01833:RP2 - Primary/Secondary	117,062	2	4%	$5,203	0	0%	0%	0%	100%
601897	DIGESTER FLAME TRAP ARRESTORS		116,177	0	28%	$32,137	0	0%	0%	0%	100%
600738	R.A.S. PUMP STATION STRUCTURE	OLD00789:RP1 - Solids Handling	115,882	1	13%	$14,485	5	80%	20%	0%	0%
600207	TP1 OUTFALL VALVE/PRADO LAKES	97EN95002001:RP1 - Tertiary	115,272	1	13%	$14,409	6	100%	0%	0%	0%
400909	GRAVITY THICKENER	EN91055:RP2 - Solids Handling	114,432	2	4%	$5,086	8	0%	0%	100%	0%
602370	RP1 Digester #2 Valves	Major Facilities Repairs/Replacements	114,101	1	13%	$14,263	9	0%	45%	55%	0%
300135	BIG THREE INDUSTRIES	OLD00138:NRW General Administration	113,735	0	28%	$31,462	1	100%	0%	0%	0%
300134	OXYGEN PLANT - UNION CARBIDE	OLD00137:NRW General Administration	113,616	0	28%	$31,429	1	100%	0%	0%	0%
400034	RP1-AERATION BASIN SPRAYS	04EN20017:RP1 - Primary/Secondary	113,355	1	13%	$14,169	4	0%	100%	0%	0%
900041	LACSD CAPITAL REPL 76/77	97LACSD010:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400050	RP1 44 MGD expansion	RP1 - Primary/Secondary	110,585	1	13%	$13,823	0	0%	0%	0%	100%
300428	NRW Edison Slip Lining 21" RCP-200 LF	NRW Systems Upgrades	110,506	0	28%	$30,569	10	0%	45%	55%	0%
602135	RP1 500HP Vertical Custom US Motor	SN# R0720086071-0001R00001	109,344	1	13%	$13,668	0	0%	0%	0%	100%
602143	RP1 Bubbler Equipment	Daft No.1 Bubbler Loop 301 & No.2 Bub	108,611	1	13%	$13,576	0	0%	0%	0%	100%
601494	Replace Iron Sponge at RP5 SHF		108,281	0	28%	$29,953	9	0%	45%	55%	0%
400181	31-48 IN. PRESSURE MANHOLES E	OLD00003:NRW Northern System	108,136	0	28%	$29,913	1	100%	0%	0%	0%
150019	RP4 LAND IMPROVEMENTS -OUTFAL	99EN97020705:RP4 - Administration	107,589	4	34%	$36,584	6	100%	0%	0%	0%
500018	HQB Building Improvement	Mechanical, Electrical, Lighting, Finishes	107,496	0	28%	$29,736	0	0%	0%	0%	100%
600681	25 AERATION BASN MIXERS/HOIST	00OB99001:CCWRF - Primary/Secondar	107,088	c	49%	$52,014	4	0%	100%	0%	0%
400459	RP2 PRE-DESIGN	9500150:RP2/CCWRF - Administration	106,857	2,c	24%	$25,379	0	0%	0%	0%	100%
900111	CONTRIBUTION - 1993-94	94000016:NRW General Administration	106,696	0	28%	$29,515	0	0%	0%	0%	100%
602233	RP1 Influent Gate Rehabs Condition Asset	RP-1 Headworks Additional Gate Rehab:	106,622	1	13%	$13,328	1	100%	0%	0%	0%
602169	CCWRF Skimmer Pumps	CCWRF Trty Fltr Media Replacemnt & Ri	106,576	c	49%	$51,765	8	100%	0%	0%	0%
300147	PIPELINE	OLD00165:NRW General Administration	106,434	0	28%	$29,442	1	100%	0%	0%	0%
602122	RP2 M&H RS Gate Valve & Appurtenasnces	RP2 Dewater Cake Storage System	106,405	2	4%	$4,729	1	0%	45%	55%	0%
400805	Emergency ByPass Sewer Line of the 6" Sewer	NRWS Philadelphia Pump Station Additi	106,382	0	28%	$29,428	1	100%	0%	0%	0%
300108	CUCAMONGA CREEK SEWER SIPHON	EN91096:RP1 - Primary/Secondary	106,106	1	13%	$13,263	1	100%	0%	0%	0%
400752	SAN BERNARDINO AVE FORCE MAIN		104,964	0	28%	$29,035	1	100%	0%	0%	0%
400831	RP1 Primary Sluice & Scum Gates Primary's	RP1 Dechlor/Solids Upgrades	104,875	1	13%	$13,109	1	80%	0%	20%	0%
300289	RAS/WAS PUMP STATION	OLD01886:RP2 - Primary/Secondary	104,251	2	4%	$4,633	1	80%	20%	0%	0%
400447	RP4	R5EN95028/38:RP4 - Primary / Seconda	104,169	4	34%	$35,808	0	0%	0%	0%	100%
400122	RP4 AERATOR#1-4 POST AER.TNK#	99HAPA7401/4:RP4 - Tertiary	103,502	4	34%	$35,579	4	0%	100%	0%	0%
600179	TP1 FILTER INFLUENT GALLERY	04EN02011:RP1 - Tertiary	103,266	1	13%	$12,908	6	100%	0%	0%	0%
150085	Landscaping		102,713	0	28%	$28,413	0	0%	0%	0%	100%
300024	FONTANA RELIEF SEWER-ADD COST	EN90005:RP1 - Primary/Secondary	102,564	1	13%	$12,820	6	100%	0%	0%	0%
400000	RP1 - SAFETY TRAINING	9600034A:RP1 - Primary/Secondary	102,540	1	13%	$12,818	0	0%	0%	0%	100%
400667	CARBON CANYON SOLAR POWER PLANT STRU		102,456	0	28%	$28,342	8	0%	0%	0%	100%
400788	Gallon Polyethylene Tanks	RP1 Food Waste Storage Pump Station	100,926	1	13%	$12,616	0	0%	0%	0%	100%
601502	CCWRF Chlorination Facility-Mechancial Equip		100,705	c	49%	$48,914	6	100%	0%	0%	0%
602188	RP5 Food Waste Pumps and Controls	RP5 Solid Fac Co-Digestion	99,636	5	33%	$33,212	9	0%	45%	55%	0%
602189	RP5 Food Waste Pumps and Controls	RP5 Solid Fac Co-Digestion	99,636	5	33%	$33,212	9	0%	45%	55%	0%
602190	RP5 Food Waste Pumps and Controls	RP5 Solid Fac Co-Digestion	99,636	5	33%	$33,212	9	0%	45%	55%	0%
602191	RP5 Food Waste Pumps and Controls	RP5 Solid Fac Co-Digestion	99,636	5	33%	$33,212	9	0%	45%	55%	0%
602192	RP5 Food Waste Pumps and Controls	RP5 Solid Fac Co-Digestion	99,636	5	33%	$33,212	9	0%	45%	55%	0%
600689	THREE PUMPS	OLD00042:Montclair Lift Station	99,189	0	28%	$27,438	1	100%	0%	0%	0%
602231	RP5 Manure Chopper Pumps	RP5 Solid Fac Mixing Tank Mod	98,876	5	33%	$32,959	9	0%	45%	55%	0%
602231	RP5 Manure Chopper Pumps	RP5 Solid Fac Mixing Tank Mod	98,876	5	33%	$32,959	9	0%	45%	55%	0%
602231	RP5 Manure Chopper Pumps	RP5 Solid Fac Mixing Tank Mod	98,876	5	33%	$32,959	9	0%	45%	55%	0%
400853	CCWRF Clarifiers Weir Gates	CCWRF Replacement of Secondary Clari	98,738	c	49%	$47,959	0	0%	0%	0%	100%
300277	SOL. CNTRL BLDG PIPING	OLD01852:RP2 - Primary/Secondary	98,236	2	4%	$4,366	0	0%	0%	0%	100%
602114	RP5 30" Primary Stainless Steel Sluice Gate Ve	RP-2 & RP-5 IPS Overflow	97,958	2,5	16%	$17,217	1	100%	0%	0%	0%
900187	50 Yrs Rehabilitation and Replacement Schedi	Asset Mgmt Rehab & Replacement Sche	97,916	0	28%	$27,086	0	0%	0%	0%	100%
300283	PRIMARY DIVERSION STRUCTURE	OLD01880:RP2 - Primary/Secondary	97,619	2	4%	$4,339	3	80%	0%	20%	0%
400728	EN06811 RP5 SOLID HANDLING IMPROVEMEI	EN06811 RP5 SOLID HANDLING IMPROV	97,375	5	33%	$32,458	9	0%	45%	55%	0%
300276	SOL. CNTRL BLDG STRUCTURE	OLD01831:RP2 - Primary/Secondary	96,927	2	4%	$4,308	0	0%	0%	0%	100%
300290	RP2 CENTRIFUGE	R5EN95028/29:RP2 - Primary/Secondary	96,806	2	4%	$4,302	10	0%	45%	55%	0%
300055	RP4 CONNECTION SEGMENTS I & I	99EN97021703:RP4 - Primary / Seconda	95,761	4	34%	$32,918	0	0%	0%	0%	100%
400855	RP2 Dewatering Building AC Inhancement	RP-2 Dewatering Drainage Repair	95,365	2	4%	$4,238	10	0%	45%	55%	0%
150061	TP1 MIX INSTALL OE STRUCTURE		95,214	1	13%	$11,902	5	100%	0%	0%	0%
400195	CONCRETE STRUCTURAL & PLUG VA	OLD00272:Regional Administration	95,142	0	28%	$26,319	0	0%	0%	0%	100%
400800	Prado Dechlor Seismic Retrofit	Prado Dechlor Seismic Retrofit	94,803	0	28%	$26,225	6	100%	0%	0%	0%
400635	FLOW CONTROL STRUCTURE S.A.O.	OLD00213:RP1 - Tertiary	92,722	1	13%	$11,590	0	0%	0%	0%	100%
100125	Easement for Upland Interceptor Relief Sewer	Perm/Temp Easement - Maglica Litigati	92,137	0	28%	$25,487	1	100%	0%	0%	0%
200000	RP2 POTABLE WATER WELL	9500110:RP2/CCWRF - Administration	90,231	2,c	24%	$21,430	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400657	BUILDING	OLD02760:Cucamonga Creek Dechlor	88,939	0	28%	$24,603		0%	0%	0%	100%
100018	RIGHT OF WAY BAINBRIDGE 87/88	OLD05496:RP1 - Primary/Secondary	88,857	1	13%	$11,107		100%	0%	0%	0%
601569	CLIMBER SCREEN MECHANICAL BAR SCREEN		87,889	0	28%	$24,312		100%	0%	0%	0%
601569	CLIMBER SCREEN MECHANICAL BAR SCREEN		87,889	0	28%	$24,312		100%	0%	0%	0%
601569	CLIMBER SCREEN MECHANICAL BAR SCREEN		87,889	0	28%	$24,312		100%	0%	0%	0%
601569	CLIMBER SCREEN MECHANICAL BAR SCREEN		87,889	0	28%	$24,312		100%	0%	0%	0%
400790	RP2 Ductile Iron Sludge & Ferric Pipe	Misc RC Construction Projects & Emerge	87,840	2	4%	$3,904		0%	0%	0%	100%
300004	Majestic Realty Connect.-N Sy	9400002:NRW Northern System	87,162	0	28%	$24,111		100%	0%	0%	0%
400775	RP1 Filtrate Repair	Regional Interceptor Rehabilitate	86,730	1	13%	$10,841		100%	0%	0%	0%
601898	125kW FLARE DIESEL ENGINE GENERATOR	RP5 Digester Reliability	86,287	5	33%	$28,762		0%	0%	0%	100%
900063	Capacity Agreement - ACR Cost	9400017:NRW General Administration	86,214	0	28%	$23,849		0%	0%	0%	100%
300365	EN03750-NRWS Conn & Emerg Pipeline Rpr		86,125	0	28%	$23,824		0%	45%	55%	0%
300149	PIPE LINE	EN91097:NRW General Administration	85,197	0	28%	$23,567		100%	0%	0%	0%
300053	RP4 ENGINEERING SVS - OUTFALL	99EN97020712:RP4 - Primary / Seconda	84,737	4	34%	$29,128		100%	0%	0%	0%
900055	LACSD CAPITAL REPL 90/91	97LACSD022:NRW Northern System	-	II	28%	$0		0%	0%	0%	100%
900090	CAP COST 1992-93	OLD05587:NRW General Administration	84,513	0	28%	$23,378		0%	0%	0%	100%
602136	RP1 Groth Horizontal Flame Arrester	RP1 Primary Clarifiers	83,976	1	13%	$10,497		0%	45%	55%	0%
601934	RP5 ABS MODEL AFP 5001 ME 1500/8 PUMP		83,703	5	33%	$27,901		0%	0%	0%	100%
602113	RP2 30" Primary Slide Gate Valve	RP-2 & RP-5 IPS Overflow	83,591	2	4%	$3,715		100%	0%	0%	0%
600079	ALAN BRADLEY FILTER CONTROLS	98EA97009001:RP1 - Tertiary	83,145	1	13%	$10,393		100%	0%	0%	0%
150012	RP3 LANDSCAPING & WALL	9500182:RP3 - Primary/Secondary	82,739	3	28%	$22,888		0%	0%	0%	100%
300279	S.C. BLDG-GEN. SITE WORK	OLD01834:RP2 - Primary/Secondary	82,608	2	4%	$3,671		0%	0%	0%	100%
602222	RP4 Mechanical Piping / Fittings	RP-4 Odor Control Backup Blower	81,993	4	34%	$28,185		0%	0%	0%	100%
400861	RP2 4" L.GL Gas Line	M Misc RC Construction & Emerg Proj F	81,195	2	4%	$3,609		0%	0%	0%	100%
300424	RP5 Primary FRP Stop Log Assembly	RP-2 & RP-5 IPS Overflow	80,857	5	33%	$26,952		80%	0%	20%	0%
150022	JURUPA ROAD PAVEMENT REPAIR	99EN97025:Maintenance Facility-North	80,082	0	28%	$22,153		100%	0%	0%	0%
300293	RP2 GRAVITY THICKENER 1 Rpair	CM Misc RC Construction & Emerg Proj	105,413	2	4%	$4,685		0%	0%	100%	0%
300293	RP2 GRAVITY THICKENER	R5EN95028/32:RP2 - Primary/Secondar	79,627	2	4%	$3,539		0%	0%	100%	0%
300012	RP1 WSTE WTR PUMP WELL ACCESS	05EN02013:RP1 - Primary/Secondary	79,423	1	13%	$9,928		0%	0%	0%	100%
900114	SAWPA CAPITAL REPLAC 1996/97	97SAWPA001:NRW Southern System	78,483	0	28%	$21,710		100%	0%	0%	0%
400785	RP5 Radio Tower	RP-4 Wireless LAN Bridge	78,195	5	33%	$26,065		0%	0%	0%	100%
900034	LACSD CAPITAL REPL 75/76	97LACSD009:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
400867	CCWRF Aeration Basn Victaulic Flex Couplings	CCWRF Aeration Basin Air Ducting Repl	77,883	c	49%	$37,829		0%	100%	0%	0%
150051	RP1 SITE AND ENCLOSURE WALLS	OLD05475:RP1 - Administration	77,056	1	13%	$9,632		0%	0%	0%	100%
400850	RP2 Asphalt Paving/Sealing	Agency Wide Operations Asphalt Repair	76,824	2	4%	$3,414		0%	0%	0%	100%
601799	Model 1020MC Hypress Ram-Style		76,807	0	28%	$21,247		0%	0%	0%	100%
900065	CSDOC SUPPL TREATM COST 95/96	9600035:NRW General Administration	76,156	0	28%	$21,067		0%	0%	0%	100%
602112	RP2 24" Primary Slide Gate Valve	RP-2 & RP-5 IPS Overflow	75,350	2,5	18%	$13,243		100%	0%	0%	0%
400281	PRIMARY EFF. DIVERSION STRUCT	OLD01263:RP1 - Solids Handling	74,669	1	13%	$9,334		80%	0%	20%	0%
500012	REGIONAL FACILITIES REPAIR	REGIONAL FACILITIES REPAIR	74,595	0	28%	$20,635		0%	0%	0%	100%
400674	Regional Facilities Repair		73,576	0	28%	$20,353		0%	0%	0%	100%
400288	INFLUENT CHANNEL	EN90002:RP1 - Solids Handling	73,047	1	13%	$9,131		100%	0%	0%	0%
400153	RP4 ALUM. STORAGE TANK#1 &#2	99HTA57201/2:RP4 - Solids Handling	73,004	4	34%	$25,095		0%	0%	0%	100%
900085	ANNUAL ACRE CAPITAL FEE	OLD05582:NRW General Administration	72,789	0	28%	$20,135		0%	0%	0%	100%
300234	CONCRETE 4000 PSI-SEC CLAR	OLD01507:RP2 - Primary/Secondary	72,616	2	4%	$3,227		80%	20%	0%	0%
400474	NRWS REFURBISHMENT	:	72,267	0	28%	$19,991		0%	45%	55%	0%
900100	CONTRIBUTION 1992-1993	OLD05598:NRW General Administration	71,951	0	28%	$19,903		0%	0%	0%	100%
602041	Cisco 3845 Security Bundle Router	RP-4 Wireless LAN Bridge	71,613	4	34%	$24,617		0%	0%	0%	100%
400483	ROOF ON COMPLEX AT RP1		71,437	1	13%	$8,930		0%	0%	0%	100%
600680	CCWRF RPLCMNT OF AERATION MXR	98OB98001001:CCWRF - Primary/Secon	71,027	c	49%	$34,499		0%	100%	0%	0%
400230	SOLIDS MANAGEMENT-STRUCTURE	OLD00997:RP1 - Solids Handling	70,082	1	13%	$8,760		0%	0%	0%	100%
300026	W/SIDE INTERCPTR PARALLEL EXT	97EN91001001:CCWRF - Primary/Secon	69,341	c	49%	$33,680		100%	0%	0%	0%
602009	RP1, RP2 Control Processor 60 Simplex-CP60's	Upgrade CP30B's to CP60's	68,453	1,2	10%	$6,572		0%	0%	0%	100%
300215	RP2 ANOXIC ZONE FORMATION	9600018:RP2/CCWRF - Administration	68,433	2,c	24%	$16,253		0%	100%	0%	0%
900049	LACSD CAPITAL REPL 85/86	97LACSD018:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
602378	PR5 ABS 180HP Pump	Major Facilities Repairs/Replacements	67,969	5	33%	$22,656		0%	45%	55%	0%
601887	GC/MS SYSTEM AND PARTS		67,803	0	28%	$18,756		0%	0%	0%	100%
602164	CCWRF Porous Filter Plates	CCWRF Trty Fltr Media Replacemnt & R	67,351	c	49%	$32,713		100%	0%	0%	0%
602078	RP5 ALLEN BRADLEY STATIONS DCS MESH UP	DCS ABStation Station Upgrade, All Facil	67,043	5	33%	$22,348		0%	0%	0%	100%
900050	LACSD CAPITAL REPL 87/88	97LACSD019:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
400602	TP1 TERTIARY FILTER EXPANSION	9500161:RP1 - Tertiary	66,494	1	13%	$8,312		100%	0%	0%	0%
100012	LAND-WESTSIDE INTERCEPTOR	OLD05490:RP1 - Primary/Secondary	66,287	1	13%	$8,286		100%	0%	0%	0%
300125	SUNKIST GROWERS	OLD00115:NRW General Administration	66,076	0	28%	$18,278		100%	0%	0%	0%
400123	RP4 ANOXIC TANK#1	99HAT#37001:RP4 - Primary / Secondar	65,729	4	34%	$22,594		0%	100%	0%	0%
400124	RP4 ANOXIC TANK #2	99HAT#27001:RP4 - Primary / Secondar	65,729	4	34%	$22,594		0%	100%	0%	0%
400125	RP4 ANOXIC TANK #3	99HAT#17001:RP4 - Primary / Secondar	65,729	4	34%	$22,594		0%	100%	0%	0%
900089	RETRO ACR (85 THRU 92)	OLD05586:NRW General Administration	65,668	0	28%	$18,165		0%	0%	0%	100%
100013	LAND-CUCA. TRUNK RELIEF SEWER	OLD05491:RP1 - Primary/Secondary	65,642	1	13%	$8,205		100%	0%	0%	0%
602364	RP2 Safety Van Items	Major Facilities Repairs/Replacements	64,595	2	4%	$2,871		0%	0%	0%	100%
602371	Teledyne 4700 117V ISCO Refrigerated Sample	Major Facilities Repairs/Replacements	64,582	0	28%	$17,865		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
150119	SARI Dump Station Grading and Drainage	RP2-SARI Dump Station Drainage Impro	64,411	2	4%	$2,863	[illegible]	0%	45%	55%	0%
600995	CONVEYOR SYSTEM-REPLACED	06PAD6007:RP5 - Manure Digester	64,096	5	33%	$21,365	[illegible]	0%	45%	55%	0%
900112	CONTRIBUTION 1994-95	9500197:NRW General Administration	63,811	0	28%	$17,652	[illegible]	0%	0%	0%	100%
601978	SEAL WATER SYSTEM #10 BIG BLUE-1-1 2"		63,391	0	28%	$17,535	[illegible]	0%	0%	0%	100%
900043	LACSD CAPITAL REPL 78/79	97LACSD012:NRW Northern System	[illegible]	0	28%	$0	[illegible]	0%	0%	0%	100%
900098	CONTRIBUTION 1989-90	OLD05597:NRW General Administration	63,227	0	28%	$17,490	[illegible]	0%	0%	0%	100%
400438	OUTFALL PIPE STRUCTURE	RSEN95028/21:RP5 - Primary / Seconda	62,323	5	33%	$20,774	[illegible]	100%	0%	0%	0%
400233	ENERGY RECOVERY STAT. BUILDING	OLD01083:RP1 - Solids Handling	61,535	1	13%	$7,692	[illegible]	0%	0%	0%	100%
400183	ELECTRICAL	OLD00044:Montclair Lift Station	61,136	0	28%	$16,912	[illegible]	100%	0%	0%	0%
400837	RP2 Vaults Covers w/ Steel Covers & Std Mani	CM Misc RC Construction & Emerg Proj	61,123	2	4%	$2,717	[illegible]	0%	0%	0%	100%
400630	FILTER STRUCTURE	OLD02373:RP1 - Tertiary	61,087	1	13%	$7,636	6	100%	0%	0%	0%
400631	FILTER STRUCTURE	OLD02379:RP1 - Tertiary	61,087	1	13%	$7,636	6	100%	0%	0%	0%
400632	FILTER STRUCTURE	OLD02385:RP1 - Tertiary	61,087	1	13%	$7,636	6	100%	0%	0%	0%
400836	CCWRF Sand Media	CCWRF Trty Fltr Media Replacemnt & R	61,027	c	49%	$29,642	6	100%	0%	0%	0%
602328	RP1 Standby Generator Trailer-Mounted Tier	Major Facilities Repairs/Replacements	60,984	1	13%	$7,623	0	0%	0%	0%	100%
400275	MCC BUILDING	OLD01255:RP1 - Solids Handling	60,468	1	13%	$7,559	0	0%	0%	0%	100%
300257	DIGESTER MODIFICATION	OLD01734:RP2 - Primary/Secondary	60,217	2	4%	$2,676	9	0%	45%	55%	0%
602193	RP5 Chopper Pumps and Mixers	RP5 Solid Fac Co-Digestion	59,782	5	33%	$19,927	9	0%	45%	55%	0%
602194	RP5 Chopper Pumps and Mixers	RP5 Solid Fac Co-Digestion	59,782	5	33%	$19,927	9	0%	45%	55%	0%
602195	RP5 Chopper Pumps and Mixers	RP5 Solid Fac Co-Digestion	59,782	5	33%	$19,927	9	0%	45%	55%	0%
602196	RP5 Chopper Pumps and Mixers	RP5 Solid Fac Co-Digestion	59,782	5	33%	$19,927	9	0%	45%	55%	0%
602197	RP5 Chopper Pumps and Mixers	RP5 Solid Fac Co-Digestion	59,782	5	33%	$19,927	9	0%	45%	55%	0%
400638	PUMP STATION #2	OLD02410:RP1 - Tertiary	59,449	1	13%	$7,431	[illegible]	0%	0%	0%	100%
400100	RP1-CHEMICAL FEED SYS IMPROVE	02EN98013:RP1 - Primary/Secondary	59,382	1	13%	$7,423	[illegible]	100%	0%	0%	0%
900084	CAP COST 1989-90	OLD05581:NRW General Administration	58,527	0	28%	$16,190	[illegible]	0%	0%	0%	100%
900083	LACSD CAPITAL REPL 74/75	97LACSD008:NRW Northern System	[illegible]	0	28%	$0	[illegible]	0%	0%	0%	100%
601801	CATERPILLAR DIESEL STANDBY GENERATOR	EP06009-Repl Standby Generator - RP1/	57,684	1,4	20%	$11,417	[illegible]	0%	0%	0%	100%
601474	RP1 Digester Pumps	:	57,560	1	13%	$7,195	[illegible]	0%	45%	55%	0%
400090	RP4 DECHLOR FACILITY	99EN97020707:RP4 - Primary / Seconda	57,401	4	34%	$19,731	[illegible]	100%	0%	0%	0%
400854	HQ HDQ Perimeter Drainage	HQ Perimeter Drainage Improvements	57,286	0	28%	$15,847	[illegible]	0%	0%	0%	100%
400180	CCWRP AERATION BASIN DIFFUSER	98OB97002001:CCWRF - Primary/Secon	56,977	c	49%	$27,675	[illegible]	0%	100%	0%	0%
300075	CHINO NON-RECLAIMABLE LINE-12	OLD00012:NRW General Administration	56,468	0	28%	$15,620	[illegible]	0%	45%	55%	0%
300176	Pipeline-Upland Intrcptr Rlf Swr Ph II		16,334,872	0	28%	$4,518,607	[illegible]	100%	0%	0%	0%
300176	Pipeline-Upland Intrcptr Rlf Swr Ph II		56,235	0	28%	$15,556	[illegible]	100%	0%	0%	0%
300093	ADD. C.O.-GOSH & GOSH	OLD00036:Regional Administration	55,761	0	28%	$15,425	[illegible]	0%	0%	0%	100%
400093	RP1 DIGEST GAS PIPING SYS UPG	00EN97031/05:RP1 - Digester Cleaning	54,927	1	13%	$6,866	[illegible]	0%	45%	55%	0%
150027	RP1 PHIL ENTRY WIDENING	06EN99003:RP1 - Primary/Secondary	54,790	1	13%	$6,849	[illegible]	0%	0%	0%	100%
900079	CAP. COST 1984-85	OLD05576:NRW General Administration	54,765	0	28%	$15,149	[illegible]	0%	0%	0%	100%
400290	IPS	EN90002:RP1 - Solids Handling	53,916	1	13%	$6,739	[illegible]	100%	0%	0%	0%
602111	RP2 18" Primary Manual Plug Valve	RP-2 & RP-5 IPS Overflow	53,551	2	4%	$2,380	[illegible]	100%	0%	0%	0%
300052	RPP4 SECONDARY LABOR-OUTFALL	99EN97020711:RP4 - Primary / Seconda	53,485	4	34%	$18,386	[illegible]	100%	0%	0%	0%
602165	CCWRF Backwash Control Valve	CCWRF Trty Fltr Media Replacemnt & R	53,478	c	49%	$25,975	[illegible]	100%	0%	0%	0%
602166	CCWRF Backwash Pumps	CCWRF Trty Fltr Media Replacemnt & R	53,478	c	49%	$25,975	[illegible]	100%	0%	0%	0%
602167	CCWRF Washwater Pumps	CCWRF Trty Fltr Media Replacemnt & R	53,478	c	49%	$25,975	[illegible]	100%	0%	0%	0%
400669	CARBON CANYON SOLAR POWER PLANT STRU		53,371	0	28%	$14,764	[illegible]	0%	0%	0%	100%
602384	RP1 Boom 45' 2W Genie Manlift	Major Facilities Repairs/Replacements	52,536	1	13%	$6,567	[illegible]	0%	0%	0%	100%
602126	NRW D-025 Air Valves	NRW Systems Upgrades	52,416	0	28%	$14,500	[illegible]	0%	45%	55%	0%
150109	Restroom Facility & Educational Compnt-Chin	Chino Creek Park Phase II	52,378	0	28%	$14,489	[illegible]	0%	0%	0%	100%
300152	WESTAR LINEN SERVICES	CW92018R:NRW General Administratio	52,377	0	28%	$14,489	[illegible]	100%	0%	0%	0%
300319	RP2 DIGESTER GAS STORAGE TANK	04EN01043:RP2 - Primary/Secondary	51,394	2	4%	$2,284	[illegible]	0%	45%	55%	0%
900105	RP3 MASTER PLAN	9500193:RP3 - Primary/Secondary	51,288	3	28%	$14,187	[illegible]	0%	0%	0%	100%
602159	RP1 Electrical Room Fan Units	RP1 Dechlor/Solids Upgrades	51,197	1	13%	$6,400	[illegible]	100%	0%	0%	0%
300269	ELECTRICAL & INSTRUMENTATION	OLD01792:RP2 - Primary/Secondary	51,078	2	4%	$2,270	[illegible]	0%	0%	0%	100%
602274	RP4 Bar Rake	RP1 Asset Replacement- In House Maint	51,064	4	34%	$17,553	[illegible]	100%	0%	0%	0%
900081	CAP. COST 1986-87	OLD05578:NRW General Administration	50,931	0	28%	$14,089	[illegible]	0%	0%	0%	100%
150067	RP2-PAVING LANDSCAPE SOLIDS HND	:	50,471	2	4%	$2,243	[illegible]	0%	0%	0%	100%
400294	SEC SCUM PUMP STATION	EN90002:RP1 - Solids Handling	50,437	1	13%	$6,305	[illegible]	80%	20%	0%	0%
300087	CUCAMONGA IRS CONSTRUCTION SU	EN90004:RP1 - Primary/Secondary	50,416	1	13%	$6,302	[illegible]	100%	0%	0%	0%
300057	RP4 SECONDARY LABOR - OUTFALL	99EN97021706:RP4 - Primary / Seconda	50,396	4	34%	$17,324	[illegible]	100%	0%	0%	0%
900080	CAP. COST 1985-86	OLD05577:NRW General Administration	50,262	0	28%	$13,904	[illegible]	0%	0%	0%	100%
900099	CONTRIBUTION 1991-92	OLD05598:NRW General Administration	49,971	0	28%	$13,823	[illegible]	0%	0%	0%	100%
602239	RP1 AB 1756-L72 4MB Controller	Rockwell Automation PLC Upgrades RP1	49,857	1	13%	$6,232	[illegible]	0%	0%	0%	100%
300431	RP4 Chemical Line w/ Monitoring System	CM Misc RC Construction & Emerg Proj	49,752	4	34%	$17,102	[illegible]	0%	0%	0%	100%
900082	CAP. COST 1987-88	OLD05579:NRW General Administration	49,216	0	28%	$13,614	[illegible]	0%	0%	0%	100%
300371	NRWS CONN & EMERG PIPELINE RPT		48,991	0	28%	$13,552	[illegible]	0%	45%	55%	0%
300274	U.W.P.S. PIPING	OLD01820:RP2 - Primary/Secondary	48,775	2	4%	$2,168	[illegible]	0%	0%	0%	100%
400782	TP1 Flash Mixer Access Pathway	TP1 Flash Mixer Access	48,604	1	13%	$6,076	[illegible]	100%	0%	0%	0%
602120	RP1 6" Pnuematic Plug Valve	RP-1 Digester No. 3 Roof Repair	48,410	1	13%	$6,051	[illegible]	0%	45%	55%	0%
602367	RP1 8" Trash Diesel Pump, Trailer Mounted	Major Facilities Repairs/Replacements	47,889	1	13%	$5,986	[illegible]	0%	0%	0%	100%
400051	RP1 44 MGD EXPANSION-ADD'L CO	9500114:RP1 - Administration	47,336	1	13%	$5,917	[illegible]	0%	100%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601802	GENIE Z45/25 RT 2WD 45' Boom Lift		47,239	0	28%	$13,067		0%	0%	0%	100%
100022	AMERON STEEL EASEMENT OR R/W	OLD05500:RP1 - Primary/Secondary	47,037	1	13%	$5,880		100%	0%	0%	0%
602089	Motor Circuit Analyzer MCEmax H-Series	Purchase Motor Circuit Analysis Tool	46,298	0	28%	$12,807		0%	0%	0%	100%
400852	RP4 Metal Beam Guard Rail	RP4 Storage Pond Improvements	45,955	4	34%	$15,797		0%	0%	0%	100%
600259	RP1 SECURITY ENHANCEMENT	01GS99003:RP1 - Administration	45,802	1	13%	$5,725		100%	0%	0%	0%
602100	30004T-1206 Muffin Monsters	RP1 Digester PD Pumps	45,612	1	13%	$5,702		0%	45%	55%	0%
602099	30004T-1208 Muffin Monsters	RP1 Digester PD Pumps	45,287	1	13%	$5,661		0%	45%	55%	0%
602369	CCWRF Wilo EMU Mixers	Major Facilities Repairs/Replacements	45,183	c	49%	$21,946		0%	100%	0%	0%
900073	MASTER PLANNING - INDUSTRIAL	OLD05563:NRW General Administration	45,001	0	28%	$12,448		100%	0%	0%	0%
400162	OVERHAUL 2 SECONDARY CLARIFIER	9500076:RP1 - Primary/Secondary	44,999	1	13%	$5,625		80%	20%	0%	0%
602279	CCWRF Mitsubishi 2012 Fork Lift	Major Facilities Repairs/Replacements	44,766	c	49%	$21,744		0%	0%	0%	100%
602046	B2J55B3 Moyno Progressive Gavity Pumps	RP1 Food Waste Storage Pump Station	44,709	1	13%	$5,589		0%	45%	55%	0%
602320	RP1 Seepex Scum Cavity Pump	Major Facilities Repairs/Replacements	44,664	1	13%	$5,583		80%	20%	0%	0%
400857	HQ Parking Area Repair	HQ Building Parking Lot Repairs	44,537	0	28%	$12,320		0%	0%	0%	100%
150088	Asphalt Repair/Slurry Sealing		43,918	0	28%	$12,149		0%	0%	0%	100%
602281	RP1 / RP2 Muffin Monster	Major Facilities Repairs/Replacements	43,659	1,2	10%	$4,191		0%	45%	55%	0%
400087	TP1 REINFORCE WALL CHLORN TAN	01EN97003:RP1 - Tertiary	43,602	1	13%	$5,450		100%	0%	0%	0%
400736	RP5 PVRVs MODIFICATIONS		43,437	5	33%	$14,479		0%	0%	0%	100%
150115	RP-1 East Side Fence Line Landscaping	RP-1 East Side Landscape	43,188	1	13%	$5,398		0%	0%	0%	100%
602272	RP1 PEC 8" & 6" 1304A Valve	RP1 Asset Replacement- In House Maint	42,695	1	13%	$5,337		0%	0%	0%	100%
602125	NRW D-023 Air Valves	NRW Systems Upgrades	42,613	D	28%	$11,788		0%	45%	55%	0%
602380	RP4 U320A/SS JDV Screw Screening Conveyor	Major Facilities Repairs/Replacements	42,125	4	34%	$14,480		100%	0%	0%	0%
602160	RP1 Kaeser 2 Compressor and 1 Dryer	SN# 1601/1598/1259493-3-2	41,690	1	13%	$5,211		0%	0%	0%	100%
602288	RP5 DynaSand Filter Air-Lift Pumps	Major Facilities Repairs/Replacements	41,617	5	33%	$13,872		100%	0%	0%	0%
400291	AERATION BASIN	EN90002:RP1 - Solids Handling	41,306	1	13%	$5,163		0%	100%	0%	0%
602321	CCWRP Teledyne ISCO Refr. Samplers	Major Facilities Repairs/Replacements	41,272	c	49%	$20,046		0%	0%	0%	100%
602264	RP4 Odor Control Blower Electrical	RP-4 Odor Control Backup Blower	41,268	4	34%	$14,186		0%	0%	0%	100%
602030	RP5 Allen Bradley Stations DCS ME5 Upgrade	RP-5 DCS Upgrade to Version 8.X	41,199	5	33%	$13,733		0%	0%	0%	100%
400032	RP4 LAGOON MODIFICATIONS	04EN20011:RP4 - Solids Handling	40,936	4	34%	$14,072		0%	0%	0%	100%
900086	SARI SUPPLMENT TR.	OLD05583:NRW General Administration	40,800	D	28%	$11,286		0%	0%	0%	100%
400644	BID ITEM #2	OLD02412:RP1 - Tertiary	40,711	1	13%	$5,089		0%	0%	0%	100%
900138	CONTRIB. C.O.E. CUCA. CREEK B	OLD05560:Cucamonga Creek Dechlor	40,626	D	28%	$11,238		0%	0%	0%	100%
601901	BOILER NATURAL & DIGESTER GAS FLOWMET		40,589	0	28%	$11,222		0%	45%	55%	0%
900083	CAP COST 1988/COST	OLD05580:NRW General Administration	40,311	0	28%	$11,151		0%	0%	0%	100%
400772	NRWS Connection Repair Concrete Saddles		40,175	0	28%	$11,113		0%	45%	55%	0%
150040	RP4 PERMITS	99HPRMTS7001:RP4 - Administration	40,127	4	34%	$13,794		0%	0%	0%	100%
400744	ODOR CONTROL OPERATION SYSTEM		39,856	0	28%	$11,025		0%	0%	0%	100%
300146	PIPELINE	OLD00161:NRW General Administration	39,533	0	28%	$10,936		100%	0%	0%	0%
400062	RP1 44 MGD EXPANSION-ADD'L CO	9500122:RP1 - Primary/Secondary	39,477	1	13%	$4,935		0%	0%	0%	100%
900115	SAWPA CAPITAL REPLAC 1996/97	97SAWPA002:NRW Southern System	39,388	0	28%	$10,896		100%	0%	0%	0%
601478	TP1-CHLORINATION SEPARATION	:	39,318	1	13%	$4,915		100%	0%	0%	0%
300003	MISSION LINEN NRW CONNECTION	9500075:Main Office Administration	39,009	0	28%	$10,791		0%	45%	55%	0%
601467	RP1 MAJOR EQUIPMENT REPAIR	:	38,470	1	13%	$4,809		0%	0%	0%	100%
900093	CONTRIBUTION 1984-85	OLD05592:NRW General Administration	38,381	0	28%	$10,617		0%	0%	0%	100%
400092	RP1 PRIMARY SEDIMENTATION IMP	00EN97029:RP1 - Primary/Secondary	38,004	1	13%	$4,750		80%	0%	20%	0%
300157	PARADISE TEXTILE	CW92017R:NRW General Administratio	37,996	0	28%	$10,511		100%	0%	0%	0%
300363	RP2 ASPHALT PAVING/DRAINAGE	97EN95004001:RP2 - Primary/Secondar	37,739	2	4%	$1,677		0%	0%	0%	100%
601789	Scum Sweepers		37,718	0	28%	$10,434		0%	0%	0%	100%
300166	99HBS7401ENUE DIVERSION	OLD00220:RP1 - Administration	37,673	1	13%	$4,709		0%	0%	0%	100%
300059	RP4 ENGINEERING SVS-OUTFALL	99EN97021708:RP4 - Primary / Seconda	37,597	4	34%	$12,924		100%	0%	0%	0%
300421	RP2 Primary Reinforced Concrete Pipe Sludge	RP-2 & RP-5 IPS Overflow	37,588	2	4%	$1,671		0%	0%	0%	100%
602152	RP1 DAFT Equipment No. 3 Pump & Motor	RP1 Assessment Work	37,385	1	13%	$4,673		0%	100%	0%	0%
300292	RP2 EXISTING SLUDGE THICKENER	R5EN95028/31:RP2 - Primary/Secondar	37,264	2	4%	$1,656		0%	100%	0%	0%
400278	HEADWORKS BUILDING	OLD01256:RP1 - Solids Handling	37,217	1	13%	$4,652		100%	0%	0%	0%
400839	CCWRF Sludge Line Improvement-Relocation	CM Misc NRWS Construction & Emerg P	37,196	c	49%	$18,067		100%	0%	0%	0%
900028	LACSD CAPITAL REPL 99/00	00LACSD003:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
600205	OXYGEN SUPPLY TO TRAIN C	97EN94037001:RP1 - Primary/Secondar	36,883	1	13%	$4,610		0%	100%	0%	0%
150023	RP4 MOBIL/PRMTS/CAP INT.	99EN97025701:RP4 - Administration	36,527	4	34%	$12,556		0%	0%	0%	100%
400154	RP4 TANK#1 BLEACH STORAGE	99HTPS7201:RP4 - Solids Handling	36,502	4	34%	$12,548		0%	0%	0%	100%
400157	RP4 TANK-PLYMER STORAGE	99HTBS7201:RP4 - Solids Handling	36,502	4	34%	$12,548		0%	45%	55%	0%
602291	CCWRF Case Drive Unit	Major Facilities Repairs/Replacements	36,326	c	49%	$17,644		0%	0%	0%	100%
600209	RP1 DEWATERING BLDG VENTL SYS	98EN96012001:RP1 - Primary/Secondar	36,288	1	13%	$4,536		0%	45%	55%	0%
900054	LACSD CAPITAL REPL 89/90	97LACSD021:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
300158	2374 FT. 6 IN. D.I.P. FORCE M	OLD00181:NRW General Administration	35,836	0	28%	$9,913		100%	0%	0%	0%
400120	RP4 TEMPORARY LABOR ALLOCATIO	99HALLOC7007:RP4 - Administration	35,687	4	34%	$12,267		0%	0%	0%	100%
602067	RP1 SLC 5-05 PLC PROCESSOR	RP1 DH+ To Ethernet Upgrade	35,673	1	13%	$4,459		0%	0%	0%	100%
400098	NRW MANHOLE REFURBISHMENT	01EN98009:NRW General Administratio	35,672	0	28%	$9,868		0%	45%	55%	0%
300240	REINFORCEMNT STEEL-ACT SLUDGE	OLD01514:RP2 - Primary/Secondary	35,578	2	4%	$1,581		0%	100%	0%	0%
602280	Mobile 4"&6" Submersible Cutter Shredder Pi	Major Facilities Repairs/Replacements	35,431	0	28%	$9,801		0%	0%	0%	100%
400860	RP1 Roof Repairs	Agency Wide Plant Fac Roof Repair	35,309	1	13%	$4,414		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400446	RP2 THICK SLUDGE PS CN BLDG	R5EN95028/36:CCWRF - Solids Handling	34,822	2	4%	$1,548		0%	45%	55%	0%
602151	RP1 DAFT Equipment No. 1 Pump & Motor	RP1 Assessment Work	34,600	1	13%	$4,325		0%	100%	0%	0%
400278	DIVIDER WALL	OLD01259:RP1 - Solids Handling	34,565	1	13%	$4,321		0%	0%	0%	100%
602117	RP1 8" Plug Valve	RP-1 Digester No. 3 Roof Repair	34,185	1	13%	$4,273		0%	45%	55%	0%
400001	TP1 - SAFETY RAILING	96000348:RP1 - Tertiary	34,180	1	13%	$4,273		0%	0%	0%	100%
601932	RP5 FUEL STORAGE SYSTEM UPGRADE		33,826	5	33%	$11,275		0%	45%	55%	0%
600202	EMERGENCY REPAIR - AERATORS	9500070:RP1 - Primary/Secondary	33,738	1	13%	$4,217		0%	100%	0%	0%
602116	RP1 6" Plug Valve	RP-1 Digester No. 3 Roof Repair	33,709	1	13%	$4,214		0%	45%	55%	0%
400793	RP2 Double Containment Sludge & PVC Pipe	Misc RC Construction Projects & Emerg	33,702	2	4%	$1,498		0%	0%	0%	100%
601577	ELECTRONIC EQUIP		33,410	0	28%	$9,242		0%	0%	0%	100%
100008	RP #4 SITE ACQUISITION	OLD05484:Main Office Administration	33,130	4	34%	$11,388		0%	0%	0%	100%
602382	RP1 Lab Champion Climate Control Compressi	Major Facilities Repairs/Replacements	32,914	1	13%	$4,114		0%	0%	0%	100%
300119	FRITO LAY. INC.	OLD00106:NRW General Administration	32,893	0	28%	$9,099		100%	0%	0%	0%
300213	RP2 DUCT BANK FOR CO-GEN LOAD	9500105:RP2 - Primary/Secondary	32,745	2	4%	$1,455		0%	0%	0%	100%
300280	INFLUENT DIVERSION STRUCTURE	OLD01877:RP2 - Primary/Secondary	32,711	2	4%	$1,454		100%	0%	0%	0%
700116	Vactor #300 76" Flat Hydraulic Rear Tank Doo	Vactor 0300 Tank Door Replacement	32,662	0	28%	$9,035		100%	0%	0%	0%
300077	EDISON LINE DIP AT MILLIKEN	EN91103:NRW General Administration	32,528	0	28%	$8,998		100%	0%	0%	0%
300423	RP2 Primary 24" Storm Drain Concrete Pipe	RP-2 & RP-5 IPS Overflow	32,378	2,5	18%	$5,691		0%	0%	0%	100%
300088	CUCAMONGA INTERCEPTOR-C.C.W.D	OLD00090:RP1 - Primary/Secondary	32,352	1	13%	$4,044		100%	0%	0%	0%
602374	SBLS Pumps #3 & #4 Parts	Major Facilities Repairs/Replacements	32,346	0	28%	$8,948		0%	0%	0%	100%
602154	RP1 HVAC-Exhaust Fans-RAS Station	F-F-1, F-F-2, F-F-3, F-F-4, F-F-101, 102, 1(	32,171	1	13%	$4,021		0%	0%	0%	100%
300245	PIPE-CAST IRON-ACT SLUDGE	OLD01559:RP2 - Primary/Secondary	32,069	2	4%	$1,425		0%	100%	0%	0%
400781	TP1 Sodium Hypochlorit Tank No. 1 & 2	TP1 Sodium Hypochlorite Stn Ex	31,758	1	13%	$3,970		100%	0%	0%	0%
300291	RP2 DIGESTERS	R5EN95028/30:RP2 - Primary/Secondar	31,717	2	4%	$1,410		0%	45%	55%	0%
602363	RP1 APK-120D Allmount AC Units	Major Facilities Repairs/Replacements	31,596	1	13%	$3,950		0%	0%	0%	100%
602368	CCWRF VFD Drive	Major Facilities Repairs/Replacements	31,585	c	49%	$15,341		0%	0%	0%	100%
602322	RP1 Teledyne ISCO Refr. Samplers	Major Facilities Repairs/Replacements	31,376	1	13%	$3,922		0%	0%	0%	100%
602299	RP1 Aeration Pump	RP1 Odor Control - Phase I	31,123	1	13%	$3,890		0%	0%	0%	100%
600070	24 VALVE CNTRL PSITIONR-FISHE	06EA04009:RP4 - Tertiary	31,053	4	34%	$10,675		0%	0%	0%	100%
400811	RP1 Flame Arrestor	RP-1 Digester No. 3 Roof Repair	30,952	1	13%	$3,870		0%	45%	55%	0%
300268	EQUAL. PUMP STATN. STRUCTURE	OLD01791:RP2 - Primary/Secondary	30,822	2	4%	$1,370		0%	0%	0%	100%
601899	VINCENT SCREW PRESS KP-10		30,628	0	28%	$8,472		0%	45%	55%	0%
900173	FOXRAY SOFTWARE		30,495	0	28%	$8,436		0%	0%	0%	100%
400189	16- 48" STANDARD SEWER MANHOL	OLD00081:RP1 - Primary/Secondary	30,330	1	13%	$3,791		100%	0%	0%	0%
601550	ICP		30,077	0	28%	$8,320		0%	0%	0%	100%
400119	RP4 SECONDARY LABOR ALLOCATIO	99HALLOC7005:RP4 - Administration	30,053	4	34%	$10,331		0%	100%	0%	0%
602391	Muffin Monster Cutter Cartridge	Major Facilities Repairs/Replacements	29,920	0	28%	$8,277		0%	0%	0%	100%
601475	CCWRF SLUDGE PUMPS	:	29,863	c	49%	$14,505		80%	0%	20%	0%
900095	CONTRIBUTION 1986-87	OLD05594:NRW General Administration	29,638	0	28%	$8,199		0%	0%	0%	100%
602325	Montclair Lift Station Fairbanks Morse Pump I	Major Facilities Repairs/Replacements	29,593	0	28%	$8,186		100%	0%	0%	0%
300048	CCWRP STORM WTR TO EMERG POND	99EN97006:CCWRF-Emergency Storage	29,295	c	49%	$14,229		100%	0%	0%	0%
400797	NRWS N. Manholes Sleeves-Rancho Cucamon	Collection Systm Emerg Upgrade	29,233	0	28%	$8,087		0%	45%	55%	0%
150098	HOA Solider Row Pavers, Diagonal Pavers, Rer		29,105	0	28%	$8,051		0%	0%	0%	100%
602171	RP4 20" Valve Gear Assembly	CM Misc RC Construction & Emerg Proj	29,080	4	34%	$9,996		0%	0%	0%	100%
900188	HQB IT Pipes CCTV Software	CCTV Software/Hardware Upgrade	29,068	0	28%	$8,041		0%	0%	0%	100%
601999	APC 16KVA Uninterrupted Power Supply (UPS	SYMMETRA LX 16KVA SCALABLE TO 16K	28,711	0	28%	$7,942		0%	0%	0%	100%
400776	PPS Ferric Chloride Containment Repairs	Philadelphia Pump Station	28,670	0	28%	$7,931		100%	0%	0%	0%
300121	METROPOLITAN WIRE GOODS CORP.	OLD00110:NRW General Administration	28,603	0	28%	$7,912		100%	0%	0%	0%
150101	EN05056.01 RP5 FENCING IMRPOVEMENT	EN05056.01 RP5 FENCING IMRPOVEME	28,579	5	33%	$9,526		0%	0%	0%	100%
300091	FINAL PROG EST. #11 INCL RET	OLD00034:Regional Administration	28,172	0	28%	$7,793		0%	0%	0%	100%
300061	RP4 SECONDARY LABOR -OUTFALL	99EN97025704:RP4 - Primary / Seconda	28,106	4	34%	$9,562		100%	0%	0%	0%
601574	MCC UTILITY WATER PUMP		28,044	0	28%	$7,758		0%	0%	0%	100%
600275	RP4 FILTERS-TERITARY #1-#8	99HJF-M7401/8:RP4 - Tertiary	27,979	4	34%	$9,618		100%	0%	0%	0%
600282	RP4 METER FLOW INF.-FIL#1-#8	99HFT7401/8:RP4 - Tertiary	27,979	4	34%	$9,618		100%	0%	0%	0%
602043	MW Radio MCP-BPS830BHC-2CC	RP-4 Wireless LAN Bridge	27,863	4	34%	$9,578		0%	0%	0%	100%
400812	RP1 Pnuematic Actuator	RP-1 Digester No. 3 Roof Repair	27,317	1	13%	$3,415		0%	45%	55%	0%
300271	EQUAL PMP STAT-YARD PIPING &	OLD01794:RP2 - Primary/Secondary	27,082	2	4%	$1,204		100%	0%	0%	0%
602362	RP1 VB7 Vibration Analyzer	Major Facilities Repairs/Replacements	26,788	1	13%	$3,349		0%	0%	0%	100%
602223	CCWRF Fairbanks Morse Pump Impeller	Purchase CCWRF Primary Effluent Pump	26,742	c	49%	$12,989		80%	0%	20%	0%
300244	PIPE-CAST IRON-PRIM CLAR	OLD01558:RP2 - Primary/Secondary	26,724	2	4%	$1,188		80%	0%	20%	0%
300246	PIPE-CAST IRON-SEC CLAR	OLD01560:RP2 - Primary/Secondary	26,724	2	4%	$1,188		80%	20%	0%	0%
900097	CONTRIBUTION 1988-89	OLD05596:NRW General Administration	26,590	0	28%	$7,356		0%	0%	0%	100%
602093	Dell PowerEdge R710 Server	Replace 3 servers on Auto&Cntrl Netwo	26,268	0	28%	$7,266		0%	0%	0%	100%
150005	RP4-ADDITIONAL DRIVEWAYS	03EN20025:RP4 - Administration	26,225	4	34%	$9,015		0%	0%	0%	100%
150116	Regional Facilities Landscape Improvement	Regional Facilities Landscape	26,090	0	28%	$7,217		0%	0%	0%	100%
400027	RP1-DIGESTER IMPROV PROJECT	04EN03026:RP1 - Primary/Secondary	25,886	1	13%	$3,236		0%	45%	55%	0%
400639	PRIMARY EFF. DIVERSION STRUCT	OLD02411:RP1 - Tertiary	25,802	1	13%	$3,225		100%	0%	0%	0%
602277	Lab TOC Analyer	Major Facilities Repairs/Replacements	25,717	0	28%	$7,114		0%	0%	0%	100%
602075	RP1 BIO-FILTER MEDIA	Replace Bio-Filter Media RP1	25,681	1	13%	$3,210		0%	0%	0%	100%
602379	2007 Volvo Airsource Portable Air Compresso	Major Facilities Repairs/Replacements	25,585	0	28%	$7,077		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400448	CCWRF	R5EN95028/39:CCWRF - Primary/Secon	25,568	c	49%	$12,419		0%	0%	0%	100%
300374	EN20893-Cal Leep-Hydroturbine Analysis	EN20893-Cal Leep-Hydroturbine Analysi	25,383	0	28%	$7,022		0%	0%	0%	100%
300320	RP2 GAS FLOW METERS	98TS95003001:RP2 - Primary/Secondary	25,255	2	4%	$1,122	9	0%	45%	55%	0%
400507	Painting of RP1 and Desalter		25,194	1	13%	$3,149	0	0%	0%	0%	100%
602276	RP1 Rotalign Ultra Advanced Laser Shaft Align	Major Facilities Repairs/Replacements	25,167	1	13%	$3,146	0	0%	0%	0%	100%
150099	EN05056.01 Final Design Package	EN05056.01 Final Design Package	25,089	0	28%	$6,940	0	0%	0%	0%	100%
300105	FONTANA CONNECT. #F-11	CW92005Y:RP1 - Primary/Secondary	24,995	1	13%	$3,124	1	100%	0%	0%	0%
300272	DIVERSION STRUCTURE BLDG	OLD01814:RP2 - Primary/Secondary	24,848	2	4%	$1,104	0	0%	0%	0%	100%
150118	RP1 Landscape Improvement	RP-1 Dewatering Landscaping	24,712	1	13%	$3,089	10	0%	45%	55%	0%
300302	DIVERSION STRUCTURE	OLD00223:RP2 - Primary/Secondary	24,609	2	4%	$1,094	0	0%	0%	0%	100%
300270	EQUAL. PMP STAT.-GEN SITE WOR	OLD01793:RP2 - Primary/Secondary	24,510	2	4%	$1,089	6	100%	0%	0%	0%
602251	HQB SAN 1&2 + Integrated Storage Drives	SAN for Data Storage-PAC Network	24,261	0	28%	$6,711	0	0%	0%	0%	100%
300232	CONCRETE 4000 PSI-PRIM. CLAR.	OLD01505:RP2 - Primary/Secondary	24,205	2	4%	$1,076	3	80%	0%	20%	0%
900044	LACSD CAPITAL REPL 79/80	97LACSD013:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400101	RP1 PERMANENT STORM WATER PUM	00EN98015:RP1 - Primary/Secondary	23,927	1	13%	$2,991	0	0%	0%	0%	100%
300041	Pacific Coast Mfg-Lat. Repair	9400003:NRW Northern System	23,907	0	28%	$6,613	1	100%	0%	0%	0%
150114	RP-1 East Side Irrigation System & Landscape	RP-1 Landscape - East side Improvemen	23,831	1	13%	$2,979		0%	0%	0%	100%
900046	LACSD CAPITAL REPL 82/83	97LACSD015:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
400791	RP2 PVC Ferric Chloride Pipe	Misc RC Construction Projects & Emerg	23,508	2	4%	$1,045		0%	0%	0%	100%
601984	Dionex ICS-2100 Sampler	Anions Analyses Autosampler	23,447	0	28%	$6,486		0%	0%	0%	100%
150064	RP2/CCP LANDSCAPING/PAVING	:	23,417	2	4%	$1,041		0%	0%	0%	100%
900030	LACSD CAPITAL REPL 71/72	97LACSD005:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
602069	RP1 Sunlight 6" TFT Color OPERATOR DISPLAY	RP1 DH+ To Ethernet Upgrade	23,305	1	13%	$2,913		0%	0%	0%	100%
602287	RP1 Monfilo Sludge Transfer Pump	Major Facilities Repairs/Replacements	23,270	1	13%	$2,909		80%	20%	0%	0%
400763	COMPOSTING MONITORING & WATER WELLS		23,175	0	28%	$6,411	11	0%	45%	55%	0%
602153	RP1 Air Compressor/Dryer	RP1 Assessment Work	22,979	1	13%	$2,872		0%	0%	0%	100%
150034	RP4 PAVING & LANDSCAPING	99HLDIMP7002:RP4 - Primary / Seconda	22,938	4	34%	$7,885		50%	50%	0%	0%
150087	Asphalt Repair/Slurry Sealing-Fence		22,924	0	28%	$6,341		0%	0%	0%	100%
100006	EROSION CNTRL-LANDSCAPING O/U	OLD05465:RP1 - Administration	22,908	1	13%	$2,864		0%	0%	0%	100%
602300	RP1 Allen Bradley Bulletin 2100 MCC	RP1 Odor Control - Phase I	22,872	1	13%	$2,859		0%	0%	0%	100%
600693	FOLAY CIA PLINE/METER	OLD00109:NRW General Administration	22,836	0	28%	$6,317		100%	0%	0%	0%
602045	RP5 Allen Bradley Station DCS Improvement	RP1 Food Waste Storage Pump Station	22,771	1,5	19%	$4,360		0%	45%	55%	0%
400832	TP1 Channel's Flow Capacity Extension	TP1 Interim Modifications	22,757	1	13%	$2,845		100%	0%	0%	0%
600984	CHAINS,RAILS & SPROCKETS REPL	06PA05013:RP1 - Primary/Secondary	22,578	1	13%	$2,822		80%	0%	20%	0%
601995	RP1 DCS FOXBORO FIBER OPTIC LAN TO ATS L		22,560	1	13%	$2,820	0	0%	0%	0%	100%
300159	143 FT. 6 IN. C.I.P.	OLD00182:NRW General Administration	22,505	0	28%	$6,225	0	0%	0%	0%	100%
900031	LACSD CAPITAL REPL 72/73	97LACSD006:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
601797	Repair Compressors		22,332	0	28%	$6,177		0%	0%	0%	100%
400477	MANHOLE SEALING PROJECT		22,288	0	28%	$6,165		100%	0%	0%	0%
300112	KAISER STEEL CORP.	OLD00097:NRW General Administration	21,875	0	28%	$6,051		100%	0%	0%	0%
400214	INFLUENT CONTROL STRUCTURE MO	OLD00575:RP1 - Solids Handling	21,824	1	13%	$2,728		100%	0%	0%	0%
900066	ACR COSTS-CSDOC(2.5 MGD) 95/9	9600036:NRW General Administration	21,750	0	28%	$6,016		0%	0%	0%	100%
400838	RP1 Safety Improvement	CM Misc RC Construction & Emerg Proj	21,738	1	13%	$2,717		0%	0%	0%	100%
601557	BAR RAKES		21,492	0	28%	$5,945		100%	0%	0%	0%
601557	BAR RAKES		8,493	0	28%	$2,349		100%	0%	0%	0%
300241	REINFORCEMNT STEEL-SEC CLAR	OLD01515:RP2 - Primary/Secondary	21,347	2	4%	$949	5	80%	20%	0%	0%
300273	DIVERS. STRCT.-GEN SITE WORK	OLD01816:RP2 - Primary/Secondary	21,264	2	4%	$945		0%	0%	0%	100%
602314	CCWRF/RP1 NYB FRP Fume Exhauster	Major Facilities Repairs/Replacements	21,205	c,1	23%	$4,979		0%	0%	0%	100%
300404	SBPS Air Vacuums and Canisters	Misc RC Construction Projects & Emerg	21,174	0	28%	$5,857		0%	0%	0%	100%
601912	WILO EMU MIXERS - TR60 - 2.41-4/12		21,163	0	28%	$5,854		0%	0%	0%	100%
300275	U.W.P.S.-GEN SITE WORK	OLD01821:RP2 - Primary/Secondary	21,120	2	4%	$939	0	0%	0%	0%	100%
300155	ARROWHEAD WATER CO.	EN91099:NRW General Administration	20,955	0	28%	$5,797	1	100%	0%	0%	0%
400636	MCC BUILDING	OLD02403:RP1 - Tertiary	20,895	1	13%	$2,612	0	0%	0%	0%	100%
150106	GREENLEE NURSERY RW CONNECTION		20,620	0	28%	$5,704	1	100%	0%	0%	0%
601555	CCWRF PUMPS	CCWRF Mixed Liquor Pumps Rebuild	20,601	c	49%	$10,006	4	0%	100%	0%	0%
601555	PUMPS		3,014	0	28%	$834	0	0%	0%	0%	100%
601581	CCWRF UTILITY PUMPS OVERHAUL		20,570	c	49%	$9,991	0	0%	0%	0%	100%
602293	RP1 Eurodrive Gear Box Drive Unit	Major Facilities Repairs/Replacements	20,424	1	13%	$2,553	0	0%	0%	0%	100%
601570	2.6" DIESEL PUMPS		20,408	0	28%	$5,645	0	0%	0%	0%	100%
150105	RP-1 Access Road Landscaping		20,334	1	13%	$2,542	0	0%	0%	0%	100%
602295	RP1 GD Hoffman Bare Shaft Blower	Major Facilities Repairs/Replacements	20,040	1	13%	$2,505	2	100%	0%	0%	0%
400395	RP1 (3) CARPORT COVERS	06PA05003:Maintenance Facility-North	20,040	1	13%	$2,505	0	0%	0%	0%	100%
300156	CULLIGAN WATER	EN92010Y:NRW General Administration	20,005	0	28%	$5,534	1	100%	0%	0%	0%
150024	CCW-REFURBISH ASPHALT PAVEMENT	02EN96003:RP2/CCWRF - Administratio	19,735	2,c	24%	$4,687	0	0%	0%	0%	100%
602330	30kW Standby Generator Tier 4	Major Facilities Repairs/Replacements	19,474	0	28%	$5,387	0	0%	0%	0%	100%
400279	STAIRS	OLD01260:RP1 - Solids Handling	19,428	1	13%	$2,428	0	0%	0%	0%	100%
601793	Repair 108D T Revision Stage II Valve		19,396	0	28%	$5,365	0	0%	0%	0%	100%
601496	Wemco Pumps for RP2		18,929	2	4%	$841	9	0%	45%	55%	0%
601497	Wemco Pumps for RP2		18,929	2	4%	$841	9	0%	45%	55%	0%
601498	Wemco Pumps for RP2		18,929	2	4%	$841	9	0%	45%	55%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601499	Wemco Pumps for RP2		18,929	2	4%	$841	9	0%	45%	55%	0%
602292	RP1 Flowserve Durco Pump	Major Facilities Repairs/Replacements	18,721	1	13%	$2,340	0	0%	0%	0%	100%
602216	RP5 PAC Network Server	Server Hardware Repl-Plant Auto Net	18,717	5	33%	$6,239	0	0%	0%	0%	100%
602217	RP5 PAC Network Server	Server Hardware Repl-Plant Auto Net	18,717	5	33%	$6,239	0	0%	0%	0%	100%
150113	RP4 Frontage Landscape Upgrade	RP-4 Frontage Landscape Project	18,579	4	34%	$6,386	0	0%	0%	0%	100%
602319	RP5 WEMCO 3" Model C Torque-Flow Pump	Major Facilities Repairs/Replacements	18,420	5	33%	$6,140	0	80%	20%	0%	0%
400079	RP4 TREATMENT PLANT CONSTRUCT	00EN96043/04:RP4 - Primary / Seconda	18,361	4	34%	$6,312	0	0%	0%	0%	100%
400229	#5 DIGESTER STRUCTURE	OLD00925:RP1 - Solids Handling	18,355	1	13%	$2,294	0	0%	45%	55%	0%
400109	NRW PRESSURE MANHOLE-E. EDISO	01EN99011:NRW General Administratio	18,210	0	28%	$5,037	18	0%	45%	55%	0%
400069	REPLACE UPLAND METER VAULT	97EN95003001:RP1 - Primary/Secondar	18,208	1	13%	$2,276	0	0%	0%	0%	100%
300167	MNTCLR.INTRCPTR DIVERSION TO	OLD00221:RP1 - Administration	18,150	1	13%	$2,269	1	100%	0%	0%	0%
602097	RP5 Conduit & Wire	Phase II Flare Repair & Back Up Genera	18,053	5	33%	$6,018	0	0%	45%	55%	0%
400481	RED SHOWER TRAILER	:	18,031	0	28%	$4,988	0	0%	0%	0%	100%
602373	RP1 Lab Elmo Rietschle Industrial Vacuum Sys	Major Facilities Repairs/Replacements	17,880	1	13%	$2,235	0	0%	0%	0%	100%
602283	RP1 Monoflo EZ Strip Pump	Major Facilities Repairs/Replacements	17,788	1	13%	$2,223	0	0%	0%	0%	100%
602255	RP1 WS-C3560X-24T-S Network Switch	Network Switch Replacement-Plant Net	17,657	1	13%	$2,207	0	0%	0%	0%	100%
400025	RP1 RAMP REPAIR-DEWATER BLDG	05END3021:RP1 - Solids Handling	17,584	1	13%	$2,198	18	0%	45%	55%	0%
400394	RP1/4 PRIMARY CLARIFIERS OVER	04PA04005:RP1 - Primary/Secondary	17,441	1	13%	$2,180	1	80%	0%	20%	0%
602329	CIW 30kW Standby Generator Tier 4	Major Facilities Repairs/Replacements	17,383	0	28%	$4,809	0	0%	0%	0%	100%
300367	EN03750-NRWS Conn & Emerg Pipeline Rpr		17,374	0	28%	$4,806	18	0%	45%	55%	0%
602285	RP1 Rosemont FlowMeter	Major Facilities Repairs/Replacements	17,336	1	13%	$2,167	0	0%	0%	0%	100%
602381	CCWRF McQuay Air Cooled Scroll Chiller	Major Facilities Repairs/Replacements	17,331	4	49%	$8,418	0	0%	0%	0%	100%
602286	CCWRF Flygt Pump	Major Facilities Repairs/Replacements	17,263	c	49%	$8,385	0	0%	0%	0%	100%
602168	CCWRF Skimmer Floats	CCWRF Trty Fltr Media Replacemnt & R	17,251	4	49%	$8,379	0	100%	0%	0%	0%
400480	RP1 SOLIDS REDUC FACIL	:	17,080	1	13%	$2,135	0	0%	0%	0%	100%
300094	GOSH & GOSH LITIGATION	OLD00037:Regional Administration	17,029	0	28%	$4,711	0	0%	0%	0%	100%
400595	TP1 SEDIMENT BASIN SLUDGE REP	9500086:RP1 - Tertiary	17,002	1	13%	$2,125	0	100%	0%	0%	0%
601991	Dell PowerEdge R710 Server		16,942	0	28%	$4,686	0	0%	0%	0%	100%
602278	RP1 DO Probe Analyzers	Major Facilities Repairs/Replacements	16,833	1	13%	$2,104	0	0%	100%	0%	0%
900174	RS VIEW DISPLAY 9305RSVADFCENE		16,798	0	28%	$4,647	0	0%	0%	0%	100%
400074	RP4 POTHOLES	99EN95025701:RP4 - Primary / Seconda	16,669	4	34%	$5,730	0	0%	0%	0%	100%
500013	PAINT HQ BLDG TRIM	PAINT HQ BLDG TRIM	16,618	0	28%	$4,597	0	0%	0%	0%	100%
600946	RP1-REBUILD IPS PUMPS 7 & 8	03PA03009:RP1 - Solids Handling	16,436	1	13%	$2,054	1	100%	0%	0%	0%
150039	RP4 CEMENTAR MASONRY WALL	99HMSWLL7001:RP4 - Primary / Second	16,329	4	34%	$5,613	0	50%	50%	0%	0%
300144	DEDICATED BY ECOLOCHEM IN 86/	OLD00157:NRW General Administration	16,310	0	28%	$4,512	0	0%	0%	0%	100%
602096	RP5 Burner Canisters & Blinds	Phase II Flare Repair & Back Up Genera	16,182	5	33%	$5,394	0	0%	45%	55%	0%
400012	RP4 ENERGY LOAD REDUCTION FACILITIES	06EN01003A:RP4 - Primary / Secondary	15,996	4	34%	$5,499	0	0%	0%	0%	100%
602366	RP1 Caterpillae Solid Pneumatic Lift Truck	Major Facilities Repairs/Replacements	15,968	1	13%	$1,996	0	0%	0%	0%	100%
400118	RP4 CONSULTATION FEES	99HALLOC7002:RP4 - Administration	15,957	4	34%	$5,485	0	0%	0%	0%	100%
400393	RP1-OVERHAUL 2 PRIM CLARIFIER	04PA03010:RP1 - Primary/Secondary	15,919	1	13%	$1,990	0	80%	0%	20%	0%
900051	CSDLAC CAPITAL REPLMNT CST-4R	06LACSD02:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
602042	Proxim GX90 45MB Microwave and Equipmer	RP-4 Wireless LAN Bridge	15,898	4	34%	$5,465	0	0%	0%	0%	100%
602065	CCWRP Allen Bradley SLC 5/05 Processor	CCWRP DH+ To Ethernet Upgrade	15,885	c	49%	$7,716	0	0%	0%	0%	100%
300372	EN20046-TP1 Outfall Energy Recovery	EN20046-TP1 Outfall Energy Recovery	15,734	1	13%	$1,967	0	0%	0%	0%	100%
400482	TP1-BUILD SHOPS AT CL2 BLDG	:	15,675	1	13%	$1,959	1	100%	0%	0%	0%
300368	NRWS CONN & EMERG PIPELINE RPT		15,616	0	28%	$4,320	0	0%	45%	55%	0%
300066	CCWRF Recycled Water Tie In	00OB20003:CCWRF - Recycled Water	15,370	c	49%	$7,465	0	0%	0%	0%	100%
602383	RP1 Hoffman 4206 Bare Shaft Blower	Major Facilities Repairs/Replacements	15,351	1	13%	$1,919	0	100%	0%	0%	0%
601297	RP1 DIGEST #5 GAS BLOWER	97TS95002001:RP1 - Digester Cleaning	15,351	1	13%	$1,919	0	0%	45%	55%	0%
400717	EN08022.04-RP1 SOLAR POWER PLANT AREA	EN08022.04-RP1 SOLAR POWER PLANT	15,203	1	13%	$1,900	0	0%	0%	0%	100%
300128	AMERON STEEL PRODUCING DIVISI	01D00119:NRW General Administration	15,149	0	28%	$4,190	1	100%	0%	0%	0%
400670	CARBON CANYON SOLAR POWER PLANT STRU		15,087	2	28%	$4,174	0	0%	0%	0%	100%
400097	DEWATERING BLDING INTERIOR PA	00EN98008/01:RP2/CCWRF - Administra	14,998	2,c	24%	$3,562	10	0%	45%	55%	0%
602077	Q03028T CSP FDSI DRIVE	DCS ABStation Station Upgrade, All Facil	14,848	0	28%	$4,107	0	0%	0%	0%	100%
602270	Montclair Lift Station Communication Link Wi	Wireless communications for Montclair	14,802	0	28%	$4,094	1	100%	0%	0%	0%
602270	Philadelphia Lift Station Communication Link '	Wireless communications for Montclair	14,802	0	28%	$4,094	1	100%	0%	0%	0%
900176	Linko Software Custom Program		14,790	0	28%	$4,091	0	0%	0%	0%	100%
500011	STORAGE BUILDING		14,524	0	28%	$4,018	0	0%	0%	0%	100%
602068	RP1 Step Forward PLC PROCESSOR	RP1 DH+ To Ethernet Upgrade	14,270	1	13%	$1,784	0	0%	0%	0%	100%
300080	ONT CONNECTION O-45	EN91101:RP1 - Primary/Secondary	14,058	1	13%	$1,757	1	100%	0%	0%	0%
602119	RP1 3" Plug Valve	RP-1 Digester No. 3 Roof Repair	14,045	1	13%	$1,756	9	0%	45%	55%	0%
300262	VALVE VAULT STRUCTURE	OLD01766:RP2 - Primary/Secondary	13,929	2	4%	$619	0	50%	50%	0%	0%
900094	CONTRIBUTION 1985-86	OLD05593:NRW General Administration	13,901	0	28%	$3,845	0	0%	0%	0%	100%
602365	CIW Vaughan Submersible Chopper Pump	Major Facilities Repairs/Replacements	13,815	0	28%	$3,822	0	0%	0%	0%	100%
602079	N-TRON ETHERNET SWITCH	DCS ABStation Station Upgrade, All Facil	13,608	0	28%	$3,764	0	0%	0%	0%	100%
300123	SOUTHERN CALIFORNIA EDISON CO	OLD00112:NRW General Administration	13,440	0	28%	$3,718	1	100%	0%	0%	0%
300122	UNION CARBIDE - LINDE	OLD00111:NRW General Administration	13,412	0	28%	$3,710	1	100%	0%	0%	0%
300258	HEADWORKS STRUCTURE ADDITION	OLD01757:RP2 - Primary/Secondary	13,342	2	4%	$593	2	100%	0%	0%	0%
150015	RP1 LANDSCAPING	99EN95020:RP1 - Administration	13,316	1	13%	$1,665	0	0%	0%	0%	100%
300124	ROBERTS MFG. CO.	OLD00113:NRW General Administration	13,258	0	28%	$3,667	1	100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400719	EN08022.04-RP1 SOLAR POWER PLANT AREA	EN08022.04-RP1 SOLAR POWER PLANT	13,150	1	13%	$1,644	1	0%	0%	0%	100%
400532	CHINO CREEK PARK-Wetland/Ecosyst		13,118	0	28%	$3,629	0	0%	0%	0%	100%
600698	FLOWMETER-COMPLETE	OLD00192:NRW General Administration	13,115	0	28%	$3,628	0	0%	0%	0%	100%
150003	REGIONAL FACILITIES LANDSCAPE	06CP06006:Main Office Administration	13,100	0	28%	$3,624	0	0%	0%	0%	100%
602010	Workstation Srvr Model P91 for SRV 2003	RP-1, RP-2 & CCWRF Upgrade to Versior	13,076	1,2,c	18%	$2,370	0	0%	0%	0%	100%
150006	RP4-ADDITIONAL SIDEWALKS	03EN20026:RP4 - Administration	12,991	4	34%	$4,466	1	0%	0%	0%	100%
400064	FIBERGLASS CVRS TP1 EFFL STRC	97EN94036001:RP1 - Tertiary	12,990	1	13%	$1,624	1	100%	0%	0%	0%
400637	HEADWORKS BUILDING	OLD02404:RP1 - Tertiary	12,860	1	13%	$1,608	1	100%	0%	0%	0%
602074	POWERVAULT TL2000 TAPE	Automated Tape Backup	12,593	0	28%	$3,484	0	0%	0%	0%	100%
300072	CHINO INTERCEPTOR	OLD00009:NRW General Administration	12,516	0	28%	$3,462	0	100%	0%	0%	0%
400409	CCWRF BLOWER BLDG ROOF REPLAC	04PB04003:CCWRF - Primary/Secondary	12,495	c	49%	$6,069	1	0%	100%	0%	0%
400624	STRUCTURE ADDITION	OLD02201:RP1 - Tertiary	12,474	1	13%	$1,559	1	0%	0%	0%	100%
600269	RP4 COMPRESSOR FILTER SYS. 4e	99HCOMP7401:RP4 - Tertiary	12,435	4	34%	$4,275	1	100%	0%	0%	0%
601985	Titralab Sample Changer TIM 8701	Automated Titrator	12,422	0	28%	$3,436	0	0%	0%	0%	100%
300396	EDISON NRW SEWER LINE		12,359	0	28%	$3,419	0	0%	45%	55%	0%
602323	RP1 Flowserve ANSI DURCO DAFT Pump 40 HP	Major Facilities Repairs/Replacements	12,328	1	13%	$1,541	7	0%	100%	0%	0%
300427	RP2 14" Primary Ductile Iron Pipe Sludge	RP-2 & RP-5 IPS Overflow	12,325	2,5	18%	$2,166	3	80%	0%	20%	0%
300137	KEYSTONE PRODUCTS PIPELINE	OLD00140:NRW General Administration	12,259	0	28%	$3,391	1	100%	0%	0%	0%
400779	RP1 Walnut Gate Guard Posts / Shack	RP-1 Security Improvements	12,259	1	13%	$1,532	0	0%	0%	0%	100%
400296	MISC PIPING	EN90002:RP1 - Solids Handling	12,174	1	13%	$1,522	0	0%	0%	0%	100%
602118	RP1 1" Plug Valve	RP-1 Digester No. 3 Roof Repair	12,165	1	13%	$1,521	9	0%	45%	55%	0%
300230	CONCRETE 4000 PSI-GRIT CHAMB	OLD01503:RP2 - Primary/Secondary	12,103	2	4%	$538	2	100%	0%	0%	0%
601515	Skalar Segmented Flow Analyzer		12,010	0	28%	$3,322	0	0%	0%	0%	100%
601902	SUN POWER 42" DIGITAL DISPLAY KIOSK		11,989	0	28%	$3,316	0	0%	0%	0%	100%
300153	UNION PACIFIC RAILROAD	CW93005R:NRW General Administratio	11,976	0	28%	$3,313	1	100%	0%	0%	0%
400789	SB Lift Station Perimeter Iron Fence	Misc RC Construction Projects & Emerg	11,952	0	28%	$3,306	0	0%	0%	0%	100%
400642	DIVIDER WALL	OLD02407:RP1 - Tertiary	11,944	1	13%	$1,493	0	0%	0%	0%	100%
602263	RP5 WS-C3560X-24T-S Network Switch	Network Switch Replacement-Plant Net	11,850	5	33%	$3,950	0	0%	0%	0%	100%
300307	80FT. +/-21IN. VCP	OLD00238:RP2 - Primary/Secondary	11,816	2	4%	$525	0	0%	0%	0%	100%
150111	Regional Landscape Upgrade	Regional Landscape Solutions	11,810	0	28%	$3,267	0	0%	0%	0%	100%
300260	HEADWORKS-YARD PIPING & VALVE	OLD01759:RP2 - Primary/Secondary	11,723	2	4%	$521	2	100%	0%	0%	0%
300261	HEADWORKS-GENERAL ELECTRICAL	OLD01760:RP2 - Primary/Secondary	11,668	2	4%	$519	2	50%	50%	0%	0%
601616	FLASH MIXER #1 STRUCTURE	OLD02207:RP1 - Tertiary	11,609	1	13%	$1,451	6	100%	0%	0%	0%
601936	CCWRF SODIUM HYPOCHLORITE TANK		11,539	c	49%	$5,605	6	100%	0%	0%	0%
400621	INTAKE PUMP STATION STRUCTURE	OLD02186:RP1 - Tertiary	11,509	1	13%	$1,439	6	100%	0%	0%	0%
602327	RP4 AB #1 Mixer #1 NE 4HP, 855 RPMN, 460V	Major Facilities Repairs/Replacements	11,496	4	34%	$3,952	4	0%	100%	0%	0%
602326	SB Lift Station Fairbanks Morse Pump Shaft	Major Facilities Repairs/Replacements	11,474	0	28%	$3,174	1	100%	0%	0%	0%
400720	EN08022.04-RP1 SOLAR POWER PLANT AREA	EN08022.04-RP1 SOLAR POWER PLANT	11,430	1	13%	$1,429	0	0%	0%	0%	100%
700100	Lift Truck-3000 lbs		11,341	0	28%	$3,137	0	0%	0%	0%	100%
601626	FLASH MIXER #2 STRUCTURE	OLD02218:RP1 - Tertiary	11,288	1	13%	$1,411	1	100%	0%	0%	0%
400160	RP4 EARTHQUAKE INSURANCE	99HINS7002:RP4 - Administration	11,273	4	34%	$3,875	1	0%	0%	0%	100%
400099	NRW-CHEMICAL INJECTION FACILI	02EN98010:Main Office Administration	11,271	0	28%	$3,118	0	0%	45%	55%	0%
150042	TEMP. CONST. EASEMENTS	OLD00083:RP1 - Primary/Secondary	11,269	1	13%	$1,409	1	50%	50%	0%	0%
601986	Titralab Sample Changer SAC 950	Automated Titrator	11,263	0	28%	$3,116	0	0%	0%	0%	100%
602115	RP1 2" Plug Valve	RP-1 Digester No. 3 Roof Repair	11,251	1	13%	$1,406	1	0%	45%	55%	0%
400190	8 MANHOLES	OLD00150:NRW General Administration	11,237	0	28%	$3,108	0	100%	0%	0%	0%
400084	RP1-DIG#4 MOD INS. REIMB	03EN96060:RP1 - Digester Cleaning	11,229	1	13%	$1,404	1	0%	45%	55%	0%
300263	VALVE VAULT-GEN. SITE WORK	OLD01767:RP2 - Primary/Secondary	11,076	2	4%	$492	1	50%	50%	0%	0%
150033	RP4 PAVING & LANDSCAPING	99HLDIMP7001:RP4 - Primary / Seconda	10,985	4	34%	$3,776	1	50%	50%	0%	0%
601905	ALARM AGENT AA-102DC		10,973	0	28%	$3,095	0	0%	0%	0%	100%
602376	Dezurik Eccentric 6" Plug Valve	Major Facilities Repairs/Replacements	10,971	0	28%	$3,035	0	0%	0%	0%	100%
400492	RP4-RETROFIT DITCH 1 & 2	02PA02032:RP4 - Primary / Secondary	10,890	4	34%	$3,744	1	0%	100%	0%	0%
601469	RP1-3 GAS COMPRESORS		10,789	1	13%	$1,349	1	0%	45%	55%	0%
150100	EN05056.01 RP5 FENCING IMRPOVEMENT	EN05056.01 RP5 FENCING IMRPOVEME	10,759	5	33%	$3,586	1	0%	0%	0%	100%
900025	LACSD CAPITAL REPL 68/69	97LACSD002:NRW Northern System	-	0	28%	$0	1	100%	0%	0%	0%
300023	RP4 36" OVERFLOW	00EN20052:RP4 - Primary / Secondary	10,726	4	34%	$3,687	1	50%	50%	0%	0%
602262	RP5 C3560CG-10 Network Switch	Network Switch Replacement-Plant Net	10,687	5	33%	$3,562	1	0%	0%	0%	100%
601000	RP1 GRAVITY THICKNER PUMP	97PA95003001:RP1 - Solids Handling	10,660	1	13%	$1,332	1	0%	0%	100%	0%
300259	HEADWORKS-GEN SITE WORK	OLD01758:RP2 - Primary/Secondary	10,610	2	4%	$472	1	100%	0%	0%	0%
400397	RP1 ROOF-SOLIDS MGT BLDG REPL	05PA05006:RP1 - Primary/Secondary	10,536	1	13%	$1,317	1	0%	0%	0%	100%
601658	METER STAT. #3-STRUCTURE	OLD02297:RP1 - Tertiary	10,517	1	13%	$1,315	1	100%	0%	0%	0%
300160	726 FT. CONCRETE ENCASEMENT	OLD00183:NRW General Administration	10,474	0	28%	$2,897	1	0%	0%	0%	100%
600939	RP1-NRW LIFT STN PUMP#3-PHILA	03PA02028:NRW Philadephia Lift Statio	10,444	1	13%	$1,305	1	0%	45%	55%	0%
300386	NRWS CONN & EMERG PIPELINE RPT		10,205	0	28%	$2,823	1	0%	45%	55%	0%
650072	RP2 DEWATERING BLDG SKYLIGHT		10,158	2	4%	$451	1	0%	45%	55%	0%
300265	METER VAULT STRUCTURE	OLD01773:RP2 - Primary/Secondary	10,151	2	4%	$451	1	50%	50%	0%	0%
600180	RP1 DAFT 1.2&3 HPPR SLDG DRN	04EN03006:RP1 - Solids Handling	10,030	1	13%	$1,254	1	0%	100%	0%	0%
300131	FASSON - DIV. OF AVERY PRODUC	OLD00134:NRW General Administration	10,005	0	28%	$2,768	1	100%	0%	0%	0%
400668	CARBON CANYON SOLAR POWER PLANT STRU		9,984	0	28%	$2,762	1	0%	0%	0%	100%
600908	RP1/RP4 AERATION BLOWER INLT TU	01PA01009:Maintenance Facility-North	9,949	1,4	20%	$1,969	1	0%	100%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600911	RP1-RELOCATE PUMPS ANALYZERS	03PA02005:Prado Dechlorination Statio	9,945	1	13%	$1,243		100%	0%	0%	0%
400277	SPLASH PADS & CONC. PIPE SPR.	OLD01258:RP1 - Solids Handling	9,909	1	13%	$1,239		0%	0%	0%	100%
602073	POWEREDGE R410 CHASSIS SERVER	Automated Tape Backup	9,689	0	28%	$2,680	0	0%	0%	0%	100%
300231	CONCRETE 4000 PSI-SCREEN/COMM	OLD01504:RP2 - Primary/Secondary	9,682	2	4%	$430	2	100%	0%	0%	0%
600778	WW METER VAULT	OLD01261:RP1 - Solids Handling	9,675	1	13%	$1,209	0	0%	0%	0%	100%
602072	SX3484S FLASH DISK DRIVE	Automated Tape Backup	9,664	0	28%	$2,673	0	0%	0%	0%	100%
400184	MNHL ADJMNT-PIPELINE AVE	OLD00051:RP1 - Primary/Secondary	9,644	1	13%	$1,206	1	100%	0%	0%	0%
300005	UNIFEST NRW CONNECTION	9500066:Main Office Administration	9,553	0	28%	$2,643	10	0%	45%	55%	0%
600714	SUMP PUMP WELL & RELATED ALLO	OLD00492:RP1 - Solids Handling	9,503	1	13%	$1,188	0	0%	0%	0%	100%
601929	42" FLOWTUBE, LARGE LINE SIZE		9,494	0	28%	$2,626	0	0%	0%	0%	100%
601565	Laser Alignment Kit		9,454	0	28%	$2,615	0	0%	0%	0%	100%
400661	RP2 SLUDGE LINE VALVE REPLCMN	01PB20003:RP2 - Primary/Secondary	9,360	2	4%	$416	9	0%	45%	55%	0%
602372	RP5 SBS System Power Center #3	Major Facilities Repairs/Replacements	9,332	5	33%	$3,111	0	0%	0%	0%	100%
300430	RP1 Gas Line & Chlorine Contact Riser	CM Misc RC Construction & Emerg Proj	9,330	1	13%	$1,166	0	0%	0%	0%	100%
602294	RP1 Milroyal B HPD Simplex Pump	Major Facilities Repairs/Replacements	9,186	1	13%	$1,148	0	0%	0%	0%	100%
601776	Towable Portable Air Compressor		9,182	0	28%	$2,540	0	0%	0%	0%	100%
300016	RP5 CAMPUS APPURTENANCES	05EN03032:RP5 - Primary / Secondary	9,174	5	33%	$3,058	0	50%	50%	0%	0%
400738	MANHOLE SEALING PROJ PHASE II		9,152	0	28%	$2,532	1	100%	0%	0%	0%
601477	RP1 WASTE DIGESTER GAS SCRUBBER	:	9,135	1	13%	$1,142	9	0%	45%	55%	0%
300219	RP2 RECYCLE FLOW PS REPAINT	04EN02005:RP2 - Primary/Secondary	9,116	2	4%	$405	6	100%	0%	0%	0%
602242	RP1 2-Port Ethernet/IP Module	Rockwell Automation PLC Upgrades RP1	9,083	1	13%	$1,135	0	0%	0%	0%	100%
602324	RP1 Bear Pump Monyno Series 2000	Major Facilities Repairs/Replacements	9,000	1	13%	$1,125	0	0%	0%	0%	100%
600308	RP4 PANEL CNTRLS FLTR SYS 10e	99HPC7403/12:RP4 - Tertiary	8,965	4	34%	$3,082	6	100%	0%	0%	0%
300154	UNIQUE STAMPING & COATING	CW93003R:NRW General Administratio	8,959	0	28%	$2,478	1	100%	0%	0%	0%
300074	CHINO NON-RECLAIMABLE LINE-8	OLD00011:NRW General Administration	8,936	0	28%	$2,472	10	0%	45%	55%	0%
601566	AIR COMPRESSOR		8,669	0	28%	$2,398	0	0%	0%	0%	100%
601566	AIR COMPRESSOR		8,669	0	28%	$2,398	0	0%	0%	0%	100%
601994	Motorola PTP600 MCP-BP5830BHC-2CC		8,669	0	28%	$2,398	0	0%	0%	0%	100%
400396	RP1 ROOF ON ERB REPL	05PA05005:RP1 - Energy Recovery	8,651	1	13%	$1,081	0	0%	0%	0%	100%
602282	RP1 UTS230 Pressure Washer Trailer Sys	Major Facilities Repairs/Replacements	8,589	1	13%	$1,074	0	0%	0%	0%	100%
601798	Repair Turbiex Blower S/N5460 & 5461		8,588	0	28%	$2,376	4	0%	100%	0%	0%
602031	N. NRW Reliant Energy 21" Gate Valve	Reliant Energy 21" Valve	8,542	0	28%	$2,363	10	0%	45%	55%	0%
400513	Storage Building-A/C Controlled Chem Storag		8,504	0	28%	$2,352	0	0%	0%	0%	100%
300264	VALVE VAULT-YARD PIPING & VAL	OLD01768:RP2 - Primary/Secondary	8,465	2	4%	$376	0	50%	50%	0%	0%
150117	Retaining Stone Walls	Philly Lift Station-Erosion Control	8,433	0	28%	$2,333	1	100%	0%	0%	0%
300308	40FT. +/-18IN. VCP	OLD00239:RP2 - Primary/Secondary	8,386	2	4%	$373	0	0%	0%	0%	100%
300110	SUPRACOTE	OLD00095:NRW General Administration	8,371	0	28%	$2,316	1	100%	0%	0%	0%
601800	EM06008-Upgrade Control Panels @ RegDig	RP-5 renewable energy digester	8,347	5	33%	$2,782	0	0%	0%	0%	100%
602318	AB 1756-L62 PLC Processor	Major Facilities Repairs/Replacements	8,323	0	28%	$2,302	0	0%	0%	0%	100%
601888	MTH HYDROGEN HP H2 GENERATOR	Lab Varian GCMS 4000 VOC Sys	8,285	0	28%	$2,292	0	0%	0%	0%	100%
602290	RP5 Scum XFP Pump	Major Facilities Repairs/Replacements	8,195	5	33%	$2,732	5	80%	20%	0%	0%
500005	RP1 ADMIN BLDG ENHANCEMENT	06OA05005:Operations Center RP-1	8,163	1	13%	$1,020	0	0%	0%	0%	100%
400236	PIPE LINES CROSSING UNDER C.C	OLD01102:RP1 - Solids Handling	8,128	0	28%	$2,248	1	100%	0%	0%	0%
300266	METER VAULT-GEN SITE WORK	OLD01774:RP2 - Primary/Secondary	8,072	2	4%	$359	0	50%	50%	0%	0%
601572	CLEAN AIR PARTICULATE SYSTEMS FOR DIESEL		8,063	0	28%	$2,230	0	0%	0%	0%	100%
601572	CLEAN AIR PARTICULATE SYSTEMS FOR DIESEL		8,063	0	28%	$2,230	0	0%	0%	0%	100%
601572	CLEAN AIR PARTICULATE SYSTEMS FOR DIESEL		8,063	0	28%	$2,230	0	0%	0%	0%	100%
300136	HI-WEST LIVESTOCK TRUCKING	OLD00139:NRW General Administration	7,934	0	28%	$2,195	1	100%	0%	0%	0%
400283	SHEETING & SHORING	OLD01265:RP1 - Solids Handling	7,802	1	13%	$975	0	0%	0%	0%	100%
600213	CCWRF MXD LIQUOR RTRN PUMP MO	98EN96052001:CCWRF - Primary/Secon	7,753	c	49%	$3,766	4	0%	100%	0%	0%
600214	CCWRF MXD LIQUOR RTRN PUMP MO	98EN96052003:CCWRF - Primary/Secon	7,753	c	49%	$3,766	4	0%	100%	0%	0%
600215	CCWRF MXD LIQUOR RTRN PUMP MO	98EN96052002:CCWRF - Primary/Secon	7,753	c	49%	$3,766	4	0%	100%	0%	0%
602238	GeoXT 6000 Handheld Dual-Frequency GNSS S	Hand Held CCTV Camera	7,722	0	28%	$2,136	0	0%	0%	0%	100%
900096	CONTRIBUTION 1987-88	OLD05595:NRW General Administration	7,644	0	28%	$2,115	0	0%	0%	0%	100%
300145	DANCO CONNECTION	OLD00159:NRW General Administration	7,602	0	28%	$2,103	1	100%	0%	0%	0%
900029	LACSD CAPITAL REPL 70/71	97LACSD004:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400188	2-72" STANDARD SEWER MANHOLES	OLD00080:RP1 - Primary/Secondary	7,583	1	13%	$948	1	100%	0%	0%	0%
400618	ADD. FROM ARBITRATION	OLD02025:RP1 - Tertiary	7,580	1	13%	$948	0	0%	0%	0%	100%
400019	RP3-DEMOLITION	02END1026:RP3 - Primary/Secondary	7,421	3	28%	$2,053	0	0%	0%	0%	100%
400718	EN08022.04-RP1 SOLAR POWER PLANT AREA	EN08022.04-RP1 SOLAR POWER PLANT	7,290	1	13%	$911	0	0%	0%	0%	100%
300087	PHILA-LIFT STATION STANDBY GN	9500062:Main Office Administration	7,274	0	28%	$2,012	1	100%	0%	0%	0%
602064	RP1 Maint Taylor Dunn B2-48 Electric Cart	Technical Service Vehicles	7,255	1	13%	$907	0	0%	0%	0%	100%
602059	RP1 OPS Taylor Dunn B2-48 Electric Cart	Technical Service Vehicles	7,255	1	13%	$907	0	0%	0%	0%	100%
602060	RP1 Maint Taylor Dunn B2-48 Electric Cart	Technical Service Vehicles	7,255	1	13%	$907	0	0%	0%	0%	100%
602061	RP5 OPS Taylor Dunn B2-48 Electric Cart	Technical Service Vehicles	7,255	5	33%	$2,418	0	0%	0%	0%	100%
602062	RP5 Maint Taylor Dunn B2-48 Electric Cart	Technical Service Vehicles	7,255	5	33%	$2,418	0	0%	0%	0%	100%
602063	Taylor Dunn B2-48 Electric Cart	Technical Service Vehicles	7,255	0	28%	$2,007	0	0%	0%	0%	100%
600313	RP4 PMPS.CHEM#1 PLYMR CNTR#1&	99HPPC7201/2:RP4 - Solids Handling	7,238	4	34%	$2,488	10	0%	45%	55%	0%
602235	ISCO 6712 Sampler Compact Portable	Flo-Dar Flow Monitoring and Data	7,231	0	28%	$2,000	1	100%	0%	0%	0%
900123	DCS - Computer Software & License		7,224	0	28%	$1,998	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
150059	RP2 COATING MAINTENANCE PHASE I	:	7,202	2	4%	$320	2	0%	0%	0%	100%
600691	GLENMEADE METER	OLD00091:RP1 - Primary/Secondary	7,190	1	13%	$899	1	0%	0%	0%	100%
300239	REINFORCEMNT STEEL-PRIM CLAR.	OLD01513:RP2 - Primary/Secondary	7,116	2	4%	$316	2	80%	0%	20%	0%
400104	RP1 SEISMIC RETROFIT-BLDG/ANC	00EN98020/01:RP1 - Primary/Secondary	7,101	1	13%	$888	1	0%	0%	0%	100%
900032	LACSD CAPITAL REPL 73/74	97LACSD007:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
602258	RP4 WS-C3560X-24T-S Network Switch	Network Switch Replacement-Plant Net	7,063	4	34%	$2,428	4	0%	0%	0%	100%
150001	TP1 AUTO IRRIGATION SYSTEM	05CP04009:RP1 - Tertiary	7,036	1	13%	$879	1	100%	0%	0%	0%
400804	METER VAULT-YARD PIPING & VAL	OLD01775:RP2 - Primary/Secondary	7,033	2	4%	$313	2	0%	0%	0%	100%
600777	HEADWALL A/C 12	OLD01257:RP1 - Solids Handling	7,022	1	13%	$878	1	0%	0%	0%	100%
602240	RP1 CTRLogix Redundancy Module	Rockwell Automation PLC Upgrades RP1	6,987	1	13%	$873	1	0%	0%	0%	100%
601587	Flow Meter		6,947	0	28%	$1,922	0	100%	0%	0%	0%
601587	Flow Logger		4,954	0	28%	$1,371	0	100%	0%	0%	0%
601587	Mount w/Frame		1,046	0	28%	$289	0	100%	0%	0%	0%
601587	Mount w/Frame		1,046	0	28%	$289	0	100%	0%	0%	0%
300118	ADDITION 72/73	OLD00105:NRW General Administration	6,900	0	28%	$1,909	0	100%	0%	0%	0%
100004	RP4 LAND PURCHASES	99EN97020702:RP4 - Administration	6,867	4	34%	$2,361	4	0%	0%	0%	100%
300203	84 IN. METER MANHOLE	OLD00228:RP2 - Primary/Secondary	6,861	2	4%	$305	2	100%	0%	0%	0%
602254	RP4 1783 RMS10T Network Switch	Network Switch Replacement-Plant Net	6,829	4	34%	$2,347	4	0%	0%	0%	100%
400690	ABIC SS Enclosure		6,733	0	28%	$1,862	0	0%	0%	0%	100%
400843	STAIRS	OLD02408:RP1 - Tertiary	6,713	1	13%	$839	1	0%	0%	0%	100%
602289	RP5 Filter Recycle 1750 RPM Submersible Pur	Major Facilities Repairs/Replacements	6,650	5	33%	$2,217	5	100%	0%	0%	0%
602312	RP1 NES Franklin Water Champ	Major Facilities Repairs/Replacements	6,637	1	13%	$830	1	100%	0%	0%	0%
300092	TUTOR SALIBA LITIGATION	OLD00035:Regional Administration	6,630	0	28%	$1,834	0	0%	0%	0%	100%
602250	Cisco Industrial Ethernet 3000 Series Switches	Uninterruptable Power Supply (UPS) Re	6,629	0	28%	$1,834	0	0%	0%	0%	100%
400792	RP2 SOLIDS Asphalt Paving	Misc RC Construction Projects & Emerg	6,609	2	4%	$294	2	0%	0%	0%	100%
300115	ADD. FROM W.O. 282-81/82	OLD00100:NRW General Administration	6,578	0	28%	$1,820	0	0%	0%	0%	100%
150057	RP4 RETAINING WALL & FNCE RPL	99RTWALL7001:RP4 - Primary / Seconda	6,557	4	34%	$2,254	4	50%	50%	0%	0%
900131	SOFTWARE		6,464	0	28%	$1,788	0	0%	0%	0%	100%
602275	RP1 Actustors Digesters	RP1 Asset Replacement- In House Maint	6,457	1	13%	$807	1	0%	45%	55%	0%
602076	AB SLC 5/05 ETHERNET PLC PROCESSORS	DCS ABStation Station Upgrade, All Facil	6,412	0	28%	$1,774	0	0%	0%	0%	100%
150013	RP3 LANDSCAPING & WALL	9500183:RP3 - Primary/Secondary	6,369	3	28%	$1,762	0	0%	0%	0%	100%
601573	FIBER OPTIC ANALYZER		6,279	0	28%	$1,737	0	0%	0%	0%	100%
400127	RP4 BLOWERS-FILTER BNKS#1 & #2	99HSEW7401/2:RP4 - Tertiary	6,218	4	34%	$2,137	4	100%	0%	0%	0%
600302	RP4 MIXERS.STATIC FLT#1-8 2 E	99HPPB7401/2:RP4 - Tertiary	6,218	4	34%	$2,137	4	100%	0%	0%	0%
600312	RP4 POLY BENDERS#1-2.FLTR SYS	99HMS7401/2:RP4 - Tertiary	6,218	4	34%	$2,137	4	100%	0%	0%	0%
600346	RP4 EYEWSH STN#1&2. FLTR SYST	99HBF7401/2:RP4 - Tertiary	6,218	4	34%	$2,137	4	100%	0%	0%	0%
602256	RP1 WS-C3560CG-8TC-S Network Switch	Network Switch Replacement-Plant Net	6,182	1	13%	$773	1	0%	0%	0%	100%
602017	6180P-15BPXP AB PC Workstations	DCS Notebook Replacement 6 (AA00611	6,160	0	28%	$1,704	0	0%	0%	0%	100%
602071	CISCO 3560/2955 3/24/12 PORT WS	PC Workstation Replacement	6,147	0	28%	$1,700	0	0%	0%	0%	100%
400475	SARI Pipeline Cleaning		6,126	0	28%	$1,695	0	0%	45%	55%	0%
600265	RP4 ALLOC. MISC. MTRLS & SUPP	99HALLOC7004:RP4 - Administration	5,992	4	34%	$2,060	4	0%	0%	0%	100%
602260	RP1 WS-C3560X-48T-S Network Switch	Network Switch Replacement-Plant Net	5,875	1	13%	$734	1	0%	0%	0%	100%
600075	RP1-DIGESTER GAS METER	98EA97001003:RP1 - Digester Cleaning	5,874	1	13%	$734	1	0%	45%	55%	0%
600076	RP1-DIGESTOR GAS METER	98EA97001002:RP1 - Digester Cleaning	5,874	1	13%	$734	1	0%	45%	55%	0%
600077	RP1-DIGESTOR GAS METER	98EA97001001:RP1 - Digester Cleaning	5,874	1	13%	$734	1	0%	45%	55%	0%
300432	RP2 Dump Station Outlet	CM Misc NRWS Construction & Emerg P	5,753	2	4%	$256	2	100%	0%	0%	0%
600310	RP4 PUMPS INFLUENT IPS#1(5EA)	99HPI7001/5:RP4 - Primary / Secondary	5,685	4	34%	$1,954	4	100%	0%	0%	0%
602051	Cisco Network Security Bundle	Rplace RP-1 and RP-4 DCS WAN Routers	5,670	1,4	20%	$1,122	1,4	0%	0%	0%	100%
300073	CHINO NON-RECLAIMABLE LINE	OLD00010:NRW General Administration	5,648	0	28%	$1,562	0	0%	45%	55%	0%
400688	ABIC Relay Output Module, Analog CRNT Opt		5,634	0	28%	$1,558	0	0%	0%	0%	100%
602315	Montclair Lift Station Marathon Motor 75HP	Major Facilities Repairs/Replacements	5,621	0	28%	$1,555	1	100%	0%	0%	0%
601678	REPLACE OUTFALL PUMP VALVES	OP91009:RP1 - Tertiary	5,617	1	13%	$702	6	100%	0%	0%	0%
601450	COMBINATION TRUCK RAMP	:	5,586	0	28%	$1,545	1	100%	0%	0%	0%
150054	TP1 PAVEMENT/EQUIP PARKING AREA	99PA99001:RP1 - Administration	5,583	1	13%	$698	6	100%	0%	0%	0%
601462	RP1 TROBO CHARGE CONTROL	:	5,542	1	13%	$693	0	0%	0%	0%	100%
100017	ADDITION LEGAL COSTS 87/88	OLD05495:RP1 - Primary/Secondary	5,479	1	13%	$685	0	0%	0%	0%	100%
650074	RP1 Fluorescent Lights F34W	Major Facilities Repairs/Replacements	5,468	1	13%	$684	0	0%	0%	0%	100%
601452	RP1 IPS BLDG & VFD UPGRADE	:	5,350	1	13%	$669	2	100%	0%	0%	0%
300242	PIPE-CAST IRON-GRIT CHAMB	OLD01556:RP2 - Primary/Secondary	5,345	2	4%	$238	2	100%	0%	0%	0%
300243	PIPE-CAST IRON-SCREEN/COMMIN	OLD01557:RP2 - Primary/Secondary	5,345	2	4%	$238	2	100%	0%	0%	0%
300247	PIPE-CAST IRON-SLUDGE THICK	OLD01561:RP2 - Primary/Secondary	5,345	2	4%	$238	7	0%	100%	0%	0%
601875	TAYLOR-DUNN NARROW ISLE CART		5,341	0	28%	$1,478	0	0%	0%	0%	100%
602001	Dell Latitude XT2 XFR Laptop		5,331	0	28%	$1,475	0	0%	0%	0%	100%
601007	RP2-CUTLER BELT PRESS PUMP	03PB03003:RP2 - Solids Handling	5,311	2	4%	$236	10	0%	45%	55%	0%
602261	RP2 WS-C3560X-24T-S Network Switch	Network Switch Replacement-Plant Net	5,297	2	4%	$235	0	0%	0%	0%	100%
601558	CCWRF PUMPS	CCWRF SCUM WELL PUMP REBUILD	5,284	c	49%	$2,566	5	80%	20%	0%	0%
601558	CCWRF PUMPS	CCWRF SCUM WELL PUMP REBUILD	2,929	c	49%	$1,423	5	80%	20%	0%	0%
150097	HQ Parking Lot-Removal of Dividers		5,253	0	28%	$1,453	0	0%	0%	0%	100%
600186	RP1 SOLIDS CONTROL BLDG EQUIP	06EN04023:RP1 - Primary/Secondary	5,177	1	13%	$647	9	0%	45%	55%	0%
600688	SERVICE BOX-CENTER ST	EN91104:NRW General Administration	5,084	0	28%	$1,406	1	100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
900022	LACSD CAPITAL REPL 67/68	97LACSD001:NRW Northern System	-	0	28%	$0	-	0%	0%	0%	100%
400121	RP4 UTILITY CONNECTIONS	99HALLOC7008:RP4 - Administration	4,993	4	34%	$1,716	-	0%	0%	0%	100%
400166	RP1-DIGESTER #6 CONVERSION	02OA01003:RP1 - Digester Cleaning	4,959	1	13%	$620	-	0%	45%	55%	0%
600369	RP1 CONTROL SYSTEM-WAS & RAS	9500128:RP1 - Primary/Secondary	4,900	1	13%	$613	5	80%	20%	0%	0%
602070	PC WORKSTATION-THIN CLIENT	PC Workstation Replacement	4,900	0	28%	$1,355	-	0%	0%	0%	100%
300129	ADDITION 73/74	OLD00120:NRW General Administration	4,868	0	28%	$1,347	-	0%	0%	0%	100%
601549	Auto Sampler		4,868	0	28%	$1,347	-	0%	0%	0%	100%
300071	ETIWANDA I.W. RELIEF SEWER	OLD00008:NRW Southern System	4,832	0	28%	$1,337	1	100%	0%	0%	0%
300364	EN03750-NRWS Conn & Emerg Pipeline Rpr		4,818	0	28%	$1,333	10	0%	45%	55%	0%
150096	SITE WORK	OLD02664:RP2 - Tertiary	4,808	0	28%	$1,330	-	0%	0%	0%	100%
900120	CISCO IPS 4240 APPLIANCE SENSOR		4,682	0	28%	$1,295	-	0%	0%	0%	100%
900120	CISCO NAC APP CLEAN ACC SERV SW 100U		1,940	0	28%	$537	-	0%	0%	0%	100%
900120	CISCO NAC APP CLEAN ACC SERV SW 100U		1,940	0	28%	$537	-	0%	0%	0%	100%
900120	CISCO NAC APP CLEAN ACC SERV SW 100U		1,940	0	28%	$537	-	0%	0%	0%	100%
900120	CISCO NAC APP CLEAN ACC-LITE MGR UP TO 3		1,916	0	28%	$530	-	0%	0%	0%	100%
900120	CISCO SECURE ACS 4.0 FOR WIN		3,361	0	28%	$930	-	0%	0%	0%	100%
400113	RP1-AUTOMATE SWING GATE	03GS02015:RP1 - Administration	4,671	1	13%	$584	-	0%	0%	0%	100%
602225	HQB Dell Optiplex 990 Minitower	CCTV Software/Hardware Upgrade	4,642	0	28%	$1,284	-	0%	0%	0%	100%
602259	RP4 WS-C3560CG-8TC-S Network Switch	Network Switch Replacement-Plant Net	4,637	4	34%	$1,594	-	0%	0%	0%	100%
150065	RP2/CCP LANDSCAPING/PAVING		4,621	2	4%	$205	-	0%	0%	0%	100%
601568	RP1 RAS PUMPS		4,592	1	13%	$574	5	80%	20%	0%	0%
601568	RP1 RAS PUMPS		60,112	1	13%	$7,514	5	80%	20%	0%	0%
601768	I/A Series ATS Jump Start Kit		4,530	0	28%	$1,253	0	0%	0%	0%	100%
602052	HP E5406 zl Switch	Rplace RP-1 and RP-4 DCS WAN Routers	4,515	1,4	20%	$894	-	0%	0%	0%	100%
650070	High Speed Scanner for PTSC		4,484	0	28%	$1,241	0	0%	0%	0%	100%
600341	12 RP1 W SIDE EYEWASH STN UPG	05HR05002/06:RP1 - Digester Cleaning	4,448	1	13%	$556	0	0%	0%	0%	100%
300306	20FT. +/-30IN. VCP	OLD00237:RP2 - Primary/Secondary	4,447	2	4%	$198	0	0%	0%	0%	100%
300126	MODIFY IW CONNECTION	OLD00116:NRW General Administration	4,360	0	28%	$1,206	1	100%	0%	0%	0%
602024	Agency Wide Gate Tracking System Updates	Agency-wide entrance gates automatic	4,338	0	28%	$1,200	0	0%	0%	0%	100%
900139	ADDITION TO BERM	OLD05561:Cucamonga Creek Dechlor	4,329	0	28%	$1,198	0	0%	0%	0%	100%
900027	LACSD CAPITAL REPL 69/70	97LACSD003:NRW Northern System	-	0	28%	$0	0	0%	0%	0%	100%
400103	SEISMIC RVW OF PLANTS & EQUIP	99EN98019:Maintenance Facility-North	4,253	0	28%	$1,177	0	0%	0%	0%	100%
300138	LANGLOIS PICKLE CO.	OLD00146:NRW General Administration	4,185	0	28%	$1,158	1	100%	0%	0%	0%
601792	RP1 FLYT PUMP		4,165	1	13%	$521	0	0%	0%	0%	100%
601990	Dell Latitude E6410 Laptop		4,159	0	28%	$1,150	0	0%	0%	0%	100%
400672	RP1 Concrete Pad & Exaporator System		4,109	1	13%	$514	5	100%	0%	0%	0%
400673	RP2 Concrete Pad & Exaporator System		4,109	2	4%	$183	5	100%	0%	0%	0%
600342	11 TP1 E SIDE EYEWASH STN UPG	05HR05002/07:RP1 - Tertiary	4,077	1	13%	$510	0	0%	0%	0%	100%
400402	TP1- (9) LAGN CANNON	06PA06019:RP1 - Primary/Secondary	4,072	1	13%	$509	0	0%	0%	0%	100%
100016	ADDITIONAL COSTS 86/87	OLD05494:RP1 - Primary/Secondary	4,071	1	13%	$509	0	0%	0%	0%	100%
602313	RP1 Pump Station Air Conditioning Unit	Major Facilities Repairs/Replacements	4,059	1	13%	$507	0	0%	0%	0%	100%
602241	RP1 Ethernet/IP Module	Rockwell Automation PLC Upgrades RP1	4,009	1	13%	$501	0	0%	0%	0%	100%
601461	RP4 ROCKWELL MAINTENANCE AUTO CONTR(:		3,997	4	34%	$1,374	0	0%	0%	0%	100%
601988	Liberty SW Scanner Fujitsu FI6770A		3,988	0	28%	$1,103	0	0%	0%	0%	100%
602050	Cisco Network Routers	Rplace RP-1 and RP-4 DCS WAN Routers	3,978	1,4	20%	$787	0	0%	0%	0%	100%
300236	CONCRETE BLOCK & SLUMPSTONE	OLD01510:RP2 - Primary/Secondary	3,965	2	4%	$176	2	100%	0%	0%	0%
601564	STEAM CLEANER		3,942	0	28%	$1,090	0	0%	0%	0%	100%
400686	Multivariable Transmitter-3095MA2CA0013AA		3,940	0	28%	$1,090	0	0%	0%	0%	100%
400212	GRAVITY THICKENER STRUCTURE	OLD00514:RP1 - Solids Handling	3,893	1	13%	$487	8	0%	0%	100%	0%
300133	TAMCO	OLD00136:NRW General Administration	3,885	0	28%	$1,075	1	100%	0%	0%	0%
100015	ADDITIONAL COSTS 85/86	OLD05493:RP1 - Primary/Secondary	3,879	1	13%	$485	0	0%	0%	0%	100%
300151	UYEMURA INTERNATIONAL	OLD00173:NRW General Administration	3,875	0	28%	$1,072	1	100%	0%	0%	0%
300210	RP2 SLUDGE PUMP/GRINDER	99EN96038:RP2 - Primary/Secondary	3,863	2	4%	$172	0	0%	0%	0%	100%
602375	SARI Line Magnetic Flowmeter Flowtube and	Major Facilities Repairs/Replacements	3,856	0	28%	$1,067	10	0%	45%	55%	0%
300143	ENGR. & INSP. COSTS	OLD00156:NRW General Administration	3,846	0	28%	$1,064	0	0%	0%	0%	100%
900167	EN06811 SOFTWARE	EN06811 SOFTWARE	3,844	0	28%	$1,063	0	0%	0%	0%	100%
600949	TP1-SLUDGE RECIRCULATION PUMP	03PA03016/01:RP1 - Solids Handling	3,836	1	13%	$479	6	100%	0%	0%	0%
600950	TP1-SLUDGE RECIRCULATION PUMP	03PA03016/02:RP1 - Solids Handling	3,836	1	13%	$479	6	100%	0%	0%	0%
300206	72 IN. MANHOLE	OLD00232:RP2 - Primary/Secondary	3,812	2	4%	$169	1	100%	0%	0%	0%
300387	MCC NRW Connection Repair		3,799	0	28%	$1,051	10	0%	45%	55%	0%
400110	RP1 DIGESTER 3 SEAL REPAIR	00EN99013:RP1 - Digester Cleaning	3,795	1	13%	$474	9	0%	45%	55%	0%
600314	RP4 PUMPS-PIT RECY. STA. (3EA	99HPPR7401/3:RP4 - Tertiary	3,774	4	34%	$1,297	0	0%	0%	0%	100%
601726	DAHS Supplies	Workstation Replacements	3,738	0	28%	$1,034	0	0%	0%	0%	100%
300117	PACIFIC FORGE	OLD00103:NRW General Administration	3,730	0	28%	$1,032	0	0%	0%	0%	100%
900133	GAS SYSTEM AUTOMATION SOFTWARE		3,729	0	28%	$1,032	9	0%	45%	55%	0%
300130	ADDITION 75/76	OLD00121:NRW General Administration	3,709	0	28%	$1,026	0	0%	0%	0%	100%
300251	PIPE-ACP-ACT SLUDGE	OLD01567:RP2 - Primary/Secondary	3,621	2	4%	$161	4	0%	100%	0%	0%
400185	MANHOLE	OLD00053:RP1 - Primary/Secondary	3,606	1	13%	$451	1	100%	0%	0%	0%
602016	Cisco Catalyst 3560G-24TS Switch-RP1 DCS Sys	DCS Network Equipment Replacement	3,591	1	13%	$449	0	0%	0%	0%	100%
601992	Dell Precision T3500 Workstation		3,560	0	28%	$985	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
300237	REINFORCMNT STEEL-GRIT CHAMBE	OLD01511:RP2 - Primary/Secondary	3,558	2	4%	$158		100%	0%	0%	0%
602257	CCWRF WS-C3560X-24T-S Network Switch	Network Switch Replacement-Plant Net	3,531	c	49%	$1,715		0%	0%	0%	100%
600697	F-M PUMP/10HP MOTOR	OLD00189:NRW General Administration	3,510	0	28%	$971		0%	0%	0%	100%
900165	Model 3710FR Controller w/PWR PK High Cap		3,497	0	28%	$967		0%	0%	0%	100%
300111	CALIFORNIA FINISHED METALS	OLD00096:NRW General Administration	3,495	0	28%	$967		100%	0%	0%	0%
601563	Pressure Washer @ RP1		3,476	1	13%	$434		0%	0%	0%	100%
400410	RP2 CENTRIFUGE CATWALK CONSTR	04PB04008:RP2 - Solids Handling	3,442	2	4%	$153		0%	45%	55%	0%
400641	SPLASH PADS & CONC. PIPE SPR.	OLD02406:RP1 - Tertiary	3,424	1	13%	$428		0%	0%	0%	100%
400710	ST98 FLexMasster Flowmeter, Insertion		3,412	0	28%	$944		0%	0%	0%	100%
400010	CCW-CHLORINE SOLUTION SYSTEM	02EN01002:CCWRF - Primary/Secondary	3,411	c	49%	$1,657		100%	0%	0%	0%
150072	Asphalt Maintenance-TP1		3,407	1	13%	$426		0%	0%	0%	100%
150072	Asphalt Maintenance-RP5		16,492	5	33%	$5,497		0%	0%	0%	100%
150072	Asphalt Maintenance-RP1		25,397	1	13%	$3,175		0%	0%	0%	100%
900180	SYMC Backup EXEC 2010 Agent for SQL	RP-1, RP-2 & CCWRF Upgrade to Versio	3,377	1,2,c	18%	$612		0%	0%	0%	100%
300063	MO1-S.B. AVE INTERCEPTER & LA	02EN99002:Main Office Administration	3,350	0	28%	$927		100%	0%	0%	0%
601675	WW METER VAULT	OLD02409:RP1 - Tertiary	3,343	1	13%	$418		100%	0%	0%	0%
600339	9 CCW EYEWASH STATION UPGRADE	05HR05002/04:CCWRF - Primary/Secon	3,336	c	49%	$1,620		0%	0%	0%	100%
400085	CCWRP RPM SLDG WET WELL COATI	99EN97001:CCWRF - Primary/Secondary	3,313	c	49%	$1,609		0%	0%	0%	100%
400192	3760 GAL. HOLDING TANK	OLD00186:NRW General Administration	3,279	0	28%	$907		0%	45%	55%	0%
601919	ST98 FLEXMASSTER FLOWMETER		3,276	0	28%	$906		0%	0%	0%	100%
300150	AMERICAN FOODS CO.	OLD00172:NRW General Administration	3,260	0	28%	$902		100%	0%	0%	0%
400689	ABIC AC Input MOdule, Expansion Rack, Rack		3,236	0	28%	$895		0%	0%	0%	100%
300211	RP2 EYEWASH STATION UPGRADE	05HR05002/03:RP2 - Primary/Secondary	3,235	2	4%	$144		0%	0%	0%	100%
100040	LAND IMPROVEMENTS-MASINGALE P	OLD05508:RP2 - Tertiary	3,215	2	4%	$143		0%	0%	0%	100%
601906	MOTOROLA PTP 400 LITE		3,215	0	28%	$889		0%	0%	0%	100%
601993	Dell Precision R5400 Rack Workstation		3,198	0	28%	$885		0%	0%	0%	100%
400107	RP1 CHLORINATION STRCTRL UPGR	00EN98023:RP1 - Primary/Secondary	3,180	1	13%	$397		100%	0%	0%	0%
600315	RP4 PUMPS/BKWASH/PROC. (14 EA	99HPUMP7014:RP4 - Tertiary	3,157	4	34%	$1,085		100%	0%	0%	0%
400489	WURD GRNT/CEQMTCH CONS	:	3,154	0	28%	$873		0%	0%	0%	100%
700108	Taylor Dunn Electric Carts		3,133	0	28%	$867		0%	0%	0%	100%
601476	RP1 PURCHASE DAFT PUMPS	:	3,114	1	13%	$389		0%	100%	0%	0%
601900	RP5 DIGESTER ENGINE PERMITS	RP5 Digester Reliability	3,084	5	33%	$1,028		0%	45%	55%	0%
400082	RP1 UTILITY PUMP STATION MOD	00EN96057:RP1 - Primary/Secondary	3,072	1	13%	$384		0%	0%	0%	100%
601463	12 SETS OF VHP HEADS	:	3,038	0	28%	$840		0%	0%	0%	100%
601468	12 WAUKESHA VHP HEADS	:	3,038	0	28%	$840		0%	0%	0%	100%
300254	PIPE-VCP-ACT SLUDGE	OLD01575:RP2 - Primary/Secondary	3,036	2	4%	$135		0%	100%	0%	0%
300250	PIPE-ACP-PRIM CLAR	OLD01566:RP2 - Primary/Secondary	3,017	2	4%	$134		80%	0%	20%	0%
300252	PIPE-ACP-SEC CLAR	OLD01568:RP2 - Primary/Secondary	3,017	2	4%	$134		80%	20%	0%	0%
602066	Allen Bradley PLC-5 Ethernet Interface Comm	CCWRP DH+ To Ethernet Upgrade	2,978	0	28%	$824		0%	0%	0%	100%
150035	RP4 LIGHT. POLE LIGHTS (46 EA	99HLP7001/46:RP4 - Primary / Secondar	2,975	4	34%	$1,023		50%	50%	0%	0%
300060	RP4 APPRAISALS FOR OUTFALL	99EN97025702:RP4 - Administration	2,931	4	34%	$1,008		100%	0%	0%	0%
300098	PIPELINE & CHINO/FLUME	OLD00058:RP1 - Primary/Secondary	2,884	1	13%	$360		100%	0%	0%	0%
300238	REINFORCMNT STEEL-SCREEN/COMM	OLD01512:RP2 - Primary/Secondary	2,846	2	4%	$127		80%	0%	20%	0%
600208	RP1 RPCL HVAC IN CNTRL BLDG	99EN96010:RP1 - Primary/Secondary	2,764	1	13%	$345		0%	0%	0%	100%
300035	RP4 SECONDARY LABOR-OUTFALL	99EN93004701:RP4 - Primary / Seconda	2,753	4	34%	$946		100%	0%	0%	0%
700110	129 Chassis Trailer		2,731	0	28%	$755		0%	0%	0%	100%
601554	Glassware Washer		2,730	0	28%	$755		0%	0%	0%	100%
601921	MAGETIC FLOWMETER FLOWTUBE		2,716	0	28%	$751		0%	0%	0%	100%
601732	Wide Base Module		2,699	0	28%	$747		0%	0%	0%	100%
400640	SHEETING & SHORING	OLD02413:RP1 - Tertiary	2,696	1	13%	$337		0%	0%	0%	100%
600304	RP4 PANEL CONTROLS IPS#1 (3EA	99HPC7001/5:RP4 - Primary / Secondary	2,690	4	34%	$925		0%	0%	0%	100%
600695	5-6 IN. PLUG VALVES	OLD00187:NRW General Administration	2,689	0	28%	$744		0%	0%	0%	100%
300248	PIPE-CAST IRON-BUILDINGS	OLD01562:RP2 - Primary/Secondary	2,672	2	4%	$119		0%	0%	0%	100%
300249	PIPE-CAST IRON-MISC.	OLD01563:RP2 - Primary/Secondary	2,672	2	4%	$119		0%	0%	0%	100%
600229	RIP/RAP PRADO DECHLR GRNDWTR	01GS01002:Prado Dechlorination Statio	2,667	0	28%	$738		100%	0%	0%	0%
602269	RP1 Cisco 3560G-24TS-S Network Switch	Wireless communications for Montclair	2,665	1	13%	$333		100%	0%	0%	0%
602269	RP4 Cisco 3560G-24TS-S Network Switch	Wireless communications for Montclair	2,665	4	34%	$916		100%	0%	0%	0%
602269	DCS Cisco 3560G-24TS-S Network Switch	Wireless communications for Montclair	2,665	0	28%	$737		100%	0%	0%	0%
601930	RP1 Flow Meter(s) Replacement		2,664	1	13%	$333		0%	0%	0%	100%
601472	HAZARDOUS WASTE STORAGE FAC'S	:	2,647	0	28%	$732		0%	0%	0%	100%
600289	RP4 ANALYZER CHLORINE EFF CHN	99HJRA7401:RP4 - Tertiary	2,638	4	34%	$907		100%	0%	0%	0%
600291	RP4 SAMPLER-EFFLUENT. FINAL	99HJSP7401:RP4 - Administration	2,638	4	34%	$907		100%	0%	0%	0%
400653	PRADO DECHLOR. STAT.-STRUCTUR	OLD02711:Prado Dechlorination Station	2,600	0	28%	$719		100%	0%	0%	0%
900045	LACSD CAPITAL REPL 81/82	97LACSD014:NRW Northern System	-	0	28%	$0		0%	0%	0%	100%
602361	Dell Latitude E6400 Laptop	Major Facilities Repairs/Replacements	2,585	0	28%	$715		0%	0%	0%	100%
900189	Smart Management Pack License for APC UPS	Uninterruptable Power Supply (UPS) Re	2,567	0	28%	$710		0%	0%	0%	100%
602317	RP4 Grit Classifier Motor #1	Major Facilities Repairs/Replacements	2,535	4	34%	$871		100%	0%	0%	0%
300253	PIPE-VCP-PRIM CLAR	OLD01574:RP2 - Primary/Secondary	2,530	2	4%	$112		80%	0%	20%	0%
300255	PIPE-VCP-SEC CLAR	OLD01576:RP2 - Primary/Secondary	2,530	2	4%	$112	5	80%	20%	0%	0%
601796	Multiquip MT84F Rammer, Gas, 3550# Forc		2,503	0	28%	$692	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
300161	OUTFALL LINE R.P. #2	OLD00196:NRW General Administration	2,493	2	4%	$111	4	100%	0%	0%	0%
150063	MONTCLAIR L/S PAVEMENT MAINTENANCE	:	2,473	0	28%	$684	1	100%	0%	0%	0%
601763	Computer Supplies		2,461	0	28%	$681	1	0%	0%	0%	100%
601621	HEADWALL A/C 12	OLD02405:RP1 - Tertiary	2,426	1	13%	$303	3	0%	0%	0%	100%
400149	RP4 SPLITTER BOX #1 STRUCTURE	99HSSB7001:RP4 - Primary / Secondary	2,425	4	34%	$834	3	0%	0%	0%	100%
300235	CONCRETE 4000 PSI-BUILDINGS	OLD01508:RP2 - Primary/Secondary	2,420	2	4%	$108	4	0%	0%	0%	100%
400691	Rack Channel, Sensor HGS Comb H2S		2,420	0	28%	$669	1	0%	0%	0%	100%
601533	DCS - Mechancial Equip		2,416	0	28%	$668	1	0%	0%	0%	100%
601926	MAGETIC FLOWMETER FLOWTUBE		2,380	0	28%	$658	1	0%	0%	0%	100%
601987	Cisco Catalyst 3560G-48TS Network Switch		2,355	0	28%	$651	0	0%	0%	0%	100%
600945	RP1-IPS PUMP SUCTION BELLS	03PA03007/02:RP1 - Solids Handling	2,344	1	13%	$293	2	100%	0%	0%	0%
600944	RP1-IPS PUMP SUCTION BELLS	03PA03007/01:RP1 - Solids Handling	2,344	1	13%	$293	2	100%	0%	0%	0%
601845	EP08001 VALVE POSITIONER W/OUT MOUNTI	EP08001 VALVE POSITIONER W/OUT M	2,331	0	28%	$645	0	0%	0%	0%	100%
601845	EP08001 HART TRI-LOOPS,EMERSON	EP08001 VALVE POSITIONER W/OUT M	246	0	28%	$68	1	0%	0%	0%	100%
601845	EP08001 ELEC FAUCET#133175R	EP08001 VALVE POSITIONER W/OUT M	135	0	28%	$37	1	0%	0%	0%	100%
601845	EP08001 PLATE #1747556	EP08001 VALVE POSITIONER W/OUT M	1,072	0	28%	$297	1	0%	0%	0%	100%
601845	EP08001 TWO TON CHAIN HOIST	EP08001 VALVE POSITIONER W/OUT M	545	0	28%	$151	1	0%	0%	0%	100%
601845	EP08001 REPAIR Regional Facilities MISC TOO	EP08001 VALVE POSITIONER W/OUT M	21,730	0	28%	$6,011	1	0%	0%	0%	100%
601845	EP08001 AIRLIFT PUMP W/O HOUSING, PVC	EP08001 VALVE POSITIONER W/OUT M	5,509	0	28%	$1,524	1	0%	0%	0%	100%
601845	EP08001 SWC 3F SUBMERSIBLE CHEM,INDUC	EP08001 VALVE POSITIONER W/OUT M	2,186	0	28%	$605	2	0%	0%	0%	100%
601845	EP08001 SWC 10F SUBMERSIBLE CHEM, INDU	EP08001 VALVE POSITIONER W/OUT M	1,249	0	28%	$346	1	0%	0%	0%	100%
601845	EP08001 INSTALL FUEL TANK ON GENERATOR	EP08001 VALVE POSITIONER W/OUT M	4,552	0	28%	$1,259	0	0%	0%	0%	100%
601845	EP08001 BURNHAM BOILER TUBES	EP08001 VALVE POSITIONER W/OUT M	2,276	0	28%	$630	0	0%	0%	0%	100%
601845	EP08001 DC3500-EE-3A00-211-00000-E0-0	EP08001 VALVE POSITIONER W/OUT M	560	0	28%	$155	1	0%	0%	0%	100%
601845	EP08001 4-20 MA CONVERTER	EP08001 VALVE POSITIONER W/OUT M	303	0	28%	$84	1	0%	0%	0%	100%
601845	EP08001 DMMS300-2E-KV-A-KW-120-115A	EP08001 VALVE POSITIONER W/OUT M	324	0	28%	$90	1	0%	0%	0%	100%
601845	EP08001 Generator 350kw	EP08001 VALVE POSITIONER W/OUT M	1,412	0	28%	$391	1	0%	0%	0%	100%
601845	EP08001 COMBO STARTER ECN2424CBF	EP08001 VALVE POSITIONER W/OUT M	315	0	28%	$87	1	0%	0%	0%	100%
601845	EP08001 REPAIR FLYGT 3152.350, 20HP #454 I	EP08001 VALVE POSITIONER W/OUT M	870	0	28%	$241	0	0%	0%	0%	100%
601845	EP08001 CL-1 TES/CHILLED WATER INHIBITOR	EP08001 VALVE POSITIONER W/OUT M	845	0	28%	$234	0	0%	0%	0%	100%
601845	EP08001 RP5-ROOF HATCH & ACCESS LADDER	EP08001 VALVE POSITIONER W/OUT M	1,377	5	33%	$459	0	0%	0%	0%	100%
601845	EP08001 ASCO 4-WAY VALVE	EP08001 VALVE POSITIONER W/OUT M	422	0	28%	$117	1	0%	0%	0%	100%
900091	CONTRIBUTION 1982-83	OLD05590:NRW General Administration	2,311	0	28%	$639	1	0%	0%	0%	100%
300204	60 IN. MANHOLE	OLD00230:RP2 - Primary/Secondary	2,287	2	4%	$102	1	100%	0%	0%	0%
600910	RP1-DIGESTER#2 FEED VALVE-6"	02PA01012:RP1 - Digester Cleaning	2,257	1	13%	$282	1	0%	45%	55%	0%
601585	ISCO AUTOMATIC SAMPLER		2,247	0	28%	$621	1	0%	0%	0%	100%
601840	EN06811 CONTROL RELAY	EN06811 CONTROL RELAY	2,220	0	28%	$614	1	0%	0%	0%	100%
300058	RP4 TEMPORARY SERVICES-OUTFAL	99EN97021707:RP4 - Primary / Seconda	2,211	4	34%	$760	3	100%	0%	0%	0%
600309	RP4 PUMPS-PISTA GRIT HW#1(2EA	99HPCG7001:RP4 - Primary / Secondary	2,210	4	34%	$760	3	100%	0%	0%	0%
300000	COLA COLA ONTARIO CONNECTION	9500065:Main Office Administration	2,199	0	28%	$608	1	100%	0%	0%	0%
601589	Dell Precision T1500 PC		2,198	0	28%	$608	1	0%	0%	0%	100%
300070	ADDITION 78/79	OLD00007:NRW Southern System	2,194	0	28%	$607	1	100%	0%	0%	0%
300366	EN03750-NRWS Conn & Emerg Pipeline Rpr		2,192	0	28%	$606	111	0%	45%	55%	0%
601777	MS Windows Server 2003 32 Bit Standard Edit		2,168	0	28%	$600	1	0%	0%	0%	100%
601778	MS Windows Server 2003 32 Bit Standard Edit		2,168	0	28%	$600	1	0%	0%	0%	100%
300205	48 IN. MANHOLE	OLD00231:RP2 - Primary/Secondary	2,160	2	4%	$96	1	100%	0%	0%	0%
601795	Repair 8" Water Main & Remove Pine Tree		2,148	0	28%	$594	0	0%	0%	0%	100%
601531	DCS UPS		2,145	0	28%	$593	0	0%	0%	0%	100%
601531	DCS UPS		2,145	0	28%	$593	0	0%	0%	0%	100%
601927	MAGENITIC FLOWMETER TRANSMITTER		2,141	0	28%	$592	0	0%	0%	0%	100%
601790	Model 200 Hydroranger		2,134	0	28%	$590	0	0%	0%	0%	100%
400676	Regional Facilities Repair		2,114	0	28%	$585	0	0%	0%	0%	100%
300375	EN20893-Cal Leep-Hydroturbine Analysis	EN20893-Cal Leep-Hydroturbine Analysi	2,057	0	28%	$569	0	0%	0%	0%	100%
300039	FONTANA INTERCEPTOR ST REPAIR	95EN93022:RP1 - Primary/Secondary	2,043	1	13%	$255	1	100%	0%	0%	0%
400685	Differential Pressure Transmitter-3051CD1A0		2,020	0	28%	$559	0	0%	0%	0%	100%
400683	Differential Pressure Transmitter-3051CD1A0		2,020	0	28%	$559	0	0%	0%	0%	100%
400684	Differential Pressure Transmitter-3051CD1A0		2,020	0	28%	$559	0	0%	0%	0%	100%
300317	RP2 POLYMER FACILITIES	9600019:RP2 - Primary/Secondary	2,007	2	4%	$89	10	0%	45%	55%	0%
300096	SEWER LINE	OLD00054:RP1 - Primary/Secondary	1,983	1	13%	$248	1	100%	0%	0%	0%
602265	RP4 RTU 6 & MCC 4 Hardware Install	RP-4 Odor Control Backup Blower	1,978	4	34%	$680	0	0%	0%	0%	100%
600692	METER 1500-266NC/1212-107NC	OLD00107:NRW General Administration	1,960	0	28%	$542	1	100%	0%	0%	0%
601453	RP2 VFDs REPLACEMENT	:	1,950	2	4%	$87	0	0%	0%	0%	100%
400623	PRESS OTFLL PMP STAT STRUCTUR	OLD02352:RP1 - Tertiary	1,931	1	13%	$241	5	100%	0%	0%	0%
600933	RP1-SLUDGE GRINDER MUFFIN MON	02PA02023/03:RP1 - Solids Handling	1,928	1	13%	$241	9	0%	45%	55%	0%
600303	RP4 PRESS SCREENINGS HW#1	99HPBS7001:RP4 - Primary / Secondary	1,913	4	34%	$658	2	100%	0%	0%	0%
150000	CCWRF 7 SPRINKLER CONT PEDIST	05CP04007:CCWRF - Primary/Secondary	1,894	c	49%	$920	0	50%	50%	0%	0%
600931	RP1-SLUDGE GRINDER MUFFIN MON	02PA02023/01:RP1 - Solids Handling	1,893	1	13%	$237	9	0%	45%	55%	0%
900152	I/A Series Ver A Function Block SW License		1,886	0	28%	$522	0	0%	0%	0%	100%
602015	Dell Latitude E6510 Notebook and Accessorie	DCS Notebook Replacement 6 (AA00611	1,873	0	28%	$518	0	0%	0%	0%	100%
900172	G1701DA MSD CHEMSTATION SOFTWARE		1,867	0	28%	$517	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601908	iTRANS H2S SENSOR		1,859	0	28%	$514		0%	0%	0%	100%
601924	MAGETIC FLOWMETER FLOWTUBE		1,857	0	28%	$514		0%	0%	0%	100%
900150	VAS-S-IA-AP ADVANTAGE PROGRAM SERV		1,841	0	28%	$509		0%	0%	0%	100%
300116	ABITIBI - WEYERHAEUSER	OLD00102:NRW General Administration	1,810	0	28%	$501		100%	0%	0%	0%
400687	ABIC Analog Input Module		1,807	0	28%	$500		0%	0%	0%	100%
600267	RP4 BARSCREEN CLIMBER IPS#1	99HRSB7001:RP4 - Primary / Secondary	1,804	4	34%	$620		100%	0%	0%	0%
600268	RP4 BARSCREEN-MANUAL-IPS#1	99HBSM7001:RP4 - Primary / Secondary	1,804	4	34%	$620		100%	0%	0%	0%
600345	RP4 RAG & SCREENING BINS	99HBSC7001:RP4 - Primary / Secondary	1,804	4	34%	$620		100%	0%	0%	0%
150029	RP1-PHILADELPHIA STN LANDSCAP	03GS02011:NRW Philadephia Lift Statio	1,794	1	13%	$224		100%	0%	0%	0%
600938	PHIL STN:NRW LIFT STN IMPELLE	02PA02026:NRW Philadephia Lift Statio	1,782	0	28%	$493		0%	45%	55%	0%
300303	9 IN. PARSHALL FLUME	OLD00226:RP2 - Primary/Secondary	1,780	2	4%	$79		0%	0%	0%	100%
601913	CLAMP ON ULTRASONIC FLOWMETER		1,747	0	28%	$483		0%	0%	0%	100%
600932	RP1-SLUDGE GRINDER	02PA02023/02:RP1 - Solids Handling	1,660	1	13%	$207		0%	45%	55%	0%
400701	Two-Wire Transmitter pH/ORP Hart Communi		1,650	0	28%	$456		0%	0%	0%	100%
400702	Two-Wire Transmitter pH/ORP Hart Communi		1,650	0	28%	$456		0%	0%	0%	100%
400703	Two-Wire Transmitter pH/ORP Hart Communi		1,650	0	28%	$456		0%	0%	0%	100%
400704	Two-Wire Transmitter pH/ORP Hart Communi		1,650	0	28%	$456		0%	0%	0%	100%
400682	Pressure Transmitter-3051TG3A2B21AI5M5		1,638	0	28%	$453		0%	0%	0%	100%
400681	Pressure Transmitter-3051TG3A2B21AI5M5		1,638	0	28%	$453		0%	0%	0%	100%
601532	DCS - Mechancial Equip		1,615	0	28%	$447		0%	0%	0%	100%
400678	Two-Wire Transmitter Conductivity, Toroidal I		1,600	0	28%	$443		0%	0%	0%	100%
400677	Two-Wire Transmitter Conductivity, Toroidal I		1,600	0	28%	$443		0%	0%	0%	100%
601455	CCWRP DISSOLVED OXYGEN PROBES		1,589	c	49%	$772		0%	100%	0%	0%
400083	CCWRF SLIDE GATE REPLACEMENT	99EN96059:RP2/CCWRF - Administratio	1,579	2,c	24%	$375		0%	0%	0%	100%
601715	Power 1000 kit Dranetz BMI		1,573	0	28%	$435		0%	0%	0%	100%
601917	DISPLAY PDS 4" 4-20 FLOWMETER		1,531	0	28%	$423		0%	0%	0%	100%
900151	I/A Series Window XP WkStnt SW License		1,526	0	28%	$422		0%	0%	0%	100%
602224	HQB Dell Optiplex 390 FLX-HD Minitower	CCTV Software/Hardware Upgrade	1,517	0	28%	$420		0%	0%	0%	100%
300101	ADDITIONAL COSTS - 1985/1986	OLD00062:RP1 - Primary/Secondary	1,498	1	13%	$187		0%	0%	0%	100%
400663	RP1 Stormwater PS Upgrade-Misc Tools		1,495	1	13%	$187		0%	0%	0%	100%
602267	RP4 200A Disconnect Switch	RP-4 Odor Control Backup Blower	1,483	4	34%	$510		0%	0%	0%	100%
602268	RP4 Capacitor Bank Panel	RP-4 Odor Control Backup Blower	1,483	4	34%	$510		0%	0%	0%	100%
601471	RP1 REBUILD BELT PRESS		1,480	1	13%	$185		0%	45%	55%	0%
700109	KUDU, Solor Power Cart		1,465	0	28%	$405		0%	0%	0%	100%
602234	Gas Alert Docking Mod Max XT II	Flo-Dar Flow Monitoring and Data	1,464	0	28%	$405		100%	0%	0%	0%
602234	Gas Alert Docking Mod Max XT II	Flo-Dar Flow Monitoring and Data	1,464	0	28%	$405		100%	0%	0%	0%
602234	Gas Alert Docking Mod Max XT II	Flo-Dar Flow Monitoring and Data	1,464	0	28%	$405		100%	0%	0%	0%
400596	VALVE REPL TP1 SETTLING BASIN	9500087:RP1 - Tertiary	1,452	1	13%	$181		100%	0%	0%	0%
300139	ONTARIO AT PHIL. & MILLIKEN	OLD00148:NRW General Administration	1,442	0	28%	$399		100%	0%	0%	0%
300140	ONTARIO AT WINEVILLE	OLD00147:NRW General Administration	1,442	0	28%	$399		100%	0%	0%	0%
300097	EAST END & RIVERSIDE	OLD00057:RP1 - Primary/Secondary	1,442	1	13%	$180		100%	0%	0%	0%
300098	PIPELINE & EDISON	OLD00059:RP1 - Primary/Secondary	1,442	1	13%	$180		100%	0%	0%	0%
300100	CHINO AT NAPA AVE.	OLD00060:RP1 - Primary/Secondary	1,442	1	13%	$180		100%	0%	0%	0%
400654	CONCRETE SLAB	OLD02743:RP2 - Tertiary	1,420	2	4%	$63		0%	0%	0%	100%
400081	TP1 CHLORINE ROOM CONVERSION	9600033:RP1 - Tertiary	1,405	1	13%	$176		100%	0%	0%	0%
300309	10FT. +/-12IN. VCP	OLD00240:RP2 - Primary/Secondary	1,398	2	4%	$62		0%	0%	0%	100%
601470	RP1-DEWTRG CONVEYOR		1,386	1	13%	$173		0%	45%	55%	0%
400665	RP5 SOLIDS ENHANCEMENTS		1,364	5	33%	$455		0%	45%	55%	0%
602080	DELL Latitude Laptop E6410	Replacement PC's Laptops	1,346	0	28%	$372		0%	0%	0%	100%
400086	CCWRP LAGOON RET. PUMP STATIO	99EN97002:CCWRF-Emergency Storage	1,340	c	49%	$651		0%	0%	0%	100%
400053	NRW DUMP STATION	9500064:Main Office Administration	1,338	0	28%	$370		0%	45%	55%	0%
300148	ENGR & INSP COSTS	OLD00168:NRW General Administration	1,312	0	28%	$363		0%	0%	0%	100%
400692	Model 2602A Controller		1,282	0	28%	$355		0%	0%	0%	100%
400693	Model 2602A Controller		1,282	0	28%	$355		0%	0%	0%	100%
300120	PIPELINE 1500-26SNC/1212-107N	OLD00108:NRW General Administration	1,278	0	28%	$353		100%	0%	0%	0%
600085	RP1 COMPRESSOR CONTROL PANEL	99EA98006:RP1 - Primary/Secondary	1,277	1	13%	$160		0%	0%	0%	100%
400305	U.W.P.S. STRUCTURE	OLD01819:RP2 - Primary/Secondary	1,277	2	4%	$57		0%	0%	0%	100%
400168	RP1 LIFE RINGS & CABINETS	05OA05002:Regional Administration	1,276	1	13%	$160		0%	0%	0%	100%
600280	RP4 METERS HW#1.CONDUIT & INF	99HJCFM7001:RP4 - Primary / Secondar	1,274	4	34%	$438		100%	0%	0%	0%
400694	4802A Controller		1,269	0	28%	$351		0%	0%	0%	100%
400695	4802A Controller		1,269	0	28%	$351		0%	0%	0%	100%
400095	NRW PUMP STATION ASPHALT PVMN	00EN98001:Main Office Administration	1,253	0	28%	$347		0%	45%	55%	0%
602081	DELL Optiplex 380 Desktop&4 DELL P2210 22'	Replacement PC's Laptops	1,224	0	28%	$339		0%	0%	0%	100%
600662	TP1 TERTIARY EFF FILTER VALVE	99OA97001:RP1 - Tertiary	1,210	1	13%	$151		100%	0%	0%	0%
601729	OCS Computer Supplies		1,202	0	28%	$333		0%	0%	0%	100%
700106	Electric Cart		1,198	0	28%	$331		0%	0%	0%	100%
700107	Electric Cart		1,198	0	28%	$331		0%	0%	0%	100%
150037	RP4 LIGHT POLELIGHT (18 EA)	99HLS7001/8:RP4 - Tertiary	1,164	4	34%	$400		0%	0%	0%	100%
150038	RP4 LIGHTS. STREET (18 EA)	99HLP7401/18:RP4 - Primary / Secondar	1,164	4	34%	$400		50%	50%	0%	0%
601915	TRANSDUCER		1,141	0	28%	$316		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601725	3710FR Sampler Controller		1,128	0	28%	$312		0%	0%	0%	100%
400306	U.W.P.S.-ELECT. & INSTRUMENT	OLD01822:RP2 - Primary/Secondary	1,117	1	4%	$50		0%	0%	0%	100%
600344	3 RP4 EYEWASH STATION UPGRADE	05HR05002/09:RP4 - Primary / Seconda	1,112	4	34%	$382		0%	0%	0%	100%
600271	RP4 CONCENTRATOR-PISTA GRIT H	99HHPG7001:RP4 - Primary / Secondary	1,105	4	34%	$380		100%	0%	0%	0%
600273	RP4 DRIVE PADDLE GRIT HW#1	99HGCS7001:RP4 - Primary / Secondary	1,105	4	34%	$380		100%	0%	0%	0%
600276	RP4 CONVEYOR-GRIT SEPARATOR H	99HDPG7001:RP4 - Primary / Secondary	1,105	4	34%	$380		100%	0%	0%	0%
600278	RP4 HOIST-PISTA GRIT HW#1	99HCPG7001:RP4 - Primary / Secondary	1,105	4	34%	$380		100%	0%	0%	0%
601733	Hist Data Mining Module		1,096	0	28%	$303		0%	0%	0%	100%
601907	ITRANS LEL SENSOR		1,088	0	28%	$301		0%	0%	0%	100%
601794	6"C HVT-CI		1,085	0	28%	$300		0%	0%	0%	100%
600694	2-6 IN. PLUG VALVES	OLD00184:NRW General Administration	1,075	0	28%	$297		0%	0%	0%	100%
600367	RP4 VLVE.SLUICE GATES HW#1-4E	99HV5G7005/7:RP4 - Primary / Seconda	1,074	4	34%	$369		100%	0%	0%	0%
601456	MIELE GLASSWARE WASHER W/MOBILE INJEC :		1,071	0	28%	$296		0%	0%	0%	100%
400155	RP4 LAB SVS. SOIL TESTING	99HTEST7001:RP4 - Primary / Secondary	1,058	4	34%	$364		0%	0%	0%	100%
601914	FLOW CONTROL UNIT		1,051	0	28%	$291		0%	0%	0%	100%
601700	CONTROL ALARM SYSTEM		1,046	0	28%	$289		0%	0%	0%	100%
601909	ITRANS NH3 SENSOR		1,028	0	28%	$284		0%	0%	0%	100%
600085	RP1 EXPAND I/O HUB	99EA98007:RP1 - Primary/Secondary	1,025	1	13%	$128		0%	0%	0%	100%
600934	RP1-SLUDGE GRINDER MUFFIN MON	02PA02023/04:RP1 - Solids Handling	1,024	1	13%	$128		0%	45%	55%	0%
600004	RP4 VLV CHK FLTR1-8 BLOWER	99HVPE7401/8:RP4 - Tertiary	1,016	4	34%	$349		100%	0%	0%	0%
600347	RP4 VALVES-PNUEMATAIC FLTR#1-	99HVPB7401/8:RP4 - Tertiary	1,016	4	34%	$349		0%	0%	0%	100%
600349	RP4 VLVE-20"PNUE.FLTR#1-8 BKW	99HVEW7401/8:RP4 - Tertiary	1,016	4	34%	$349		0%	0%	0%	100%
600350	RP4 VLV CHK FLTR#1-8 AIR INLE	99HVCF7401/8:RP4 - Tertiary	1,016	4	34%	$349		100%	0%	0%	0%
600351	RP4 VLV-12"PNUE. FLTR#1-8 EFF	99HVC7401/8:RP4 - Tertiary	1,016	4	34%	$349		100%	0%	0%	0%
600359	RP4 VLV PNUEM.FILT#1-8 BLOWER	99HVBI7401/8:RP4 - Tertiary	1,016	4	34%	$349		100%	0%	0%	0%
600360	RP4 VLV 12' PNUEM.FLTR#1-8 FN	99HVAL7401/8:RP4 - Tertiary	1,016	4	34%	$349		100%	0%	0%	0%
601791	Model XPS10F Level Probe		1,010	0	28%	$279		0%	0%	0%	100%
400645	WASHWTR HLDG TANK CONTAINMENT	OLD02153:RP1 - Tertiary	1,009	0	28%	$279		100%	0%	0%	0%
601717	Fisher Porter Titrator		1,005	0	28%	$278		0%	0%	0%	100%
601716	Fluke T125 Thermal Imager		1,004	0	28%	$278		0%	0%	0%	100%
601771	\Dell-Quad Core Xeon E5440 Processor PE295		1,004	0	28%	$278		0%	0%	0%	100%
601772	\Dell-Quad Core Xeon E5440 Processor PE295		1,004	0	28%	$278		0%	0%	0%	100%
601773	\Dell-Quad Core Xeon E5440 Processor PE295		1,004	0	28%	$278		0%	0%	0%	100%
602266	RP4 OCP-8110-2 Control Panel	RP-4 Odor Control Backup Blower	989	4	34%	$340		0%	0%	0%	100%
300127	SWIFT & CO.	OLD00118:NRW General Administration	982	0	28%	$272		100%	0%	0%	0%
601458	CONFINED SPACE SAFETY EQUIP		969	0	28%	$268		0%	0%	0%	100%
300304	CO#2-1 MODIFICATION MTR M/H	OLD00229:RP2 - Primary/Secondary	953	2	4%	$42		0%	0%	0%	100%
601911	ITRANS AMONIA SENSOR		949	0	28%	$263		0%	0%	0%	100%
400061	RP1 - #4 DIGESTOR REFURBISH.	9500072:RP1 - Solids Handling	930	1	13%	$116		0%	45%	55%	0%
601734	Historian Alarm Extraction Module		913	0	28%	$252		0%	0%	0%	100%
601735	Historian Alert Module		913	0	28%	$252		0%	0%	0%	100%
600305	RP4 PANEL CNTRL LITE-OX DTCH#	99HPC7210:RP4 - Primary / Secondary	897	4	34%	$308		0%	0%	0%	100%
600306	RP4 PANEL CNTRL-PISTA GRIT HW	99HPC7004:RP4 - Primary / Secondary	897	4	34%	$308		100%	0%	0%	0%
600307	RP4 PANEL CNTRL-RECY.PUMPS	99HPC7002:RP4 - Solids Handling	897	4	34%	$308		0%	0%	0%	100%
601918	EMCO VORTEX GAS FLOWMETER		872	0	28%	$241		0%	0%	0%	100%
600084	RP1 DENSITY METER GRAVITY THC	99EA98005:RP1 - Primary/Secondary	869	1	13%	$109		0%	0%	100%	0%
601454	CW PUMP CONTROLLER		866	0	28%	$240		0%	0%	0%	100%
601882	Electric Chain Hoist		857	0	28%	$237		0%	0%	0%	100%
600281	RP4 METER FLOW/BIO-REC. (3EA)	99HJFM7002:RP4 - Primary / Secondary	820	4	34%	$282		0%	100%	0%	0%
601788	KTO: 1720E TURB w/sc 100 CONTROLLER		813	0	28%	$225		0%	0%	0%	100%
601774	Dell Computer - 2 POW		810	0	28%	$224		0%	0%	0%	100%
601916	011522-02 MTB6 HT MOTHER BOARD		795	0	28%	$220		0%	0%	0%	100%
400213	BELT PRESS STRUCTURE	OLD00532:RP1 - Solids Handling	770	1	13%	$96		0%	45%	55%	0%
601843	EN06811 ROTARY PRESS	EN06811 ROTARY PRESS	746	0	28%	$206		0%	45%	55%	0%
600338	PRADO PK EYEWASH STN UPGRADE	05HR05002/02:Prado Lift Station (CIW)	741	0	28%	$205		0%	0%	0%	100%
600340	2 PLS EYEWASH STATION UPGRADE	05HR05002/05:NRW Philadephia Lift Sta	741	0	28%	$205		0%	0%	0%	100%
300338	REINFORCEMNT STEEL-BUILDINGS	OLD01516:RP2 - Primary/Secondary	712	2	4%	$32		0%	0%	0%	100%
601876	Tools, Wrenches, Gauges		704	0	28%	$195		0%	0%	0%	100%
400478	RP1 SLUDGE HOPPER PORTS		695	1	13%	$87		0%	45%	55%	0%
400680	Toroidal Conductivity Sensor, Lo Temp Peek		686	0	28%	$190		0%	0%	0%	100%
400679	Toroidal Conductivity Sensor, Lo Temp Peek		686	0	28%	$190		0%	0%	0%	100%
601925	MAGETIC FLOWMETER FLOWTUBE		675	0	28%	$187		0%	0%	0%	100%
601728	DAHS Supplies		667	0	28%	$185		0%	0%	0%	100%
601841	EN06811 REBUILD KIT FOR VACUUM PUMP W	EN06811 REBUILD KIT FOR VACUUM PU	662	0	28%	$183		0%	0%	0%	100%
602002	Dell OptiPlex D745 Small Form Factor Core 2 I	RP-1 Engine Controls	659	1	13%	$82		0%	0%	0%	100%
602316	RP4 Primary Clarifier #1 Coll Drive Motor	Major Facilities Repairs/Replacements	655	4	34%	$225		80%	0%	20%	0%
600204	DEFOAMING FACILITIES RP2 DGST	97EN93026001:RP2 - Primary/Secondar	655	2	4%	$29		0%	45%	55%	0%
600284	RP4 LEVEL BUBBLER HW WW IPS#1	99HJSP7003:RP4 - Primary / Secondary	637	4	34%	$219		100%	0%	0%	0%
600288	RP4 PH INFLUENT. IPS#1	99HJPH7001:RP4 - Primary / Secondary	637	4	34%	$219		100%	0%	0%	0%
600290	RP4 SAMPLER - INF IPS#1	99HJLB7001:RP4 - Primary / Secondary	637	4	34%	$219		100%	0%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600365	RP4 VLV.SLUICE GATE#1&2 INF/E	99HVSG7003/4:RP4 - Primary / Seconda	631	4	34%	$217	0	0%	0%	0%	100%
600366	RP4 VLV.SLUICE GAT#3&4 INF/EF	99HVSG7001/2:RP4 - Primary / Seconda	631	4	34%	$217	0	0%	0%	0%	100%
400696	FM002A Facilities Module		629	0	28%	$174	0	0%	0%	0%	100%
400484	RP1 AERATED GRIT CHAMBER EFFLUENT		622	1	13%	$78	1	100%	0%	0%	0%
601464	RP1 BLOWER UPGRADE	:	616	1	13%	$77	1	0%	100%	0%	0%
300029	UPLAND INTERCEPTOR-ADD'L COST	EN91055:RP1 - Administration	611	1	13%	$76	1	100%	0%	0%	0%
601724	Turbidity Analyzer		609	0	28%	$168	0	100%	0%	0%	0%
601844	EN06811 ROTARY PRESS	EN06811 ROTARY PRESS	607	0	28%	$168	0	0%	45%	55%	0%
300347	PIPE-ACP-GRIT CHAMB	OLD01564:RP2 - Primary/Secondary	604	2	4%	$27	1	100%	0%	0%	0%
300348	PIPE-ACP-SCREEN/COMMIN.	OLD01565:RP2 - Primary/Secondary	604	2	4%	$27	1	100%	0%	0%	0%
300349	PIPE-ACP-SLUDGE THICK	OLD01569:RP2 - Primary/Secondary	604	2	4%	$27	1	0%	100%	0%	0%
100021	RIGHT OF WAY VS. BAINBRIDGE 8	OLD05499:RP1 - Primary/Secondary	603	1	13%	$75	1	100%	0%	0%	0%
601782	Dual Core Xeon Processor 5130 4MB Cache, 2		597	0	28%	$165	0	0%	0%	0%	100%
601770	INCUBATOR-30.4 CUFT REFRIG INCUBATOR		587	0	28%	$162	0	0%	0%	0%	100%
601457	ISCO FLOW MONITORING EQUIP	:	586	0	28%	$162	0	0%	0%	0%	100%
601762	Web Deflection Sys-Encoder w/Software		582	0	28%	$161	0	0%	0%	0%	100%
400697	Sensor H2S 4Wire AL 0-100		580	0	28%	$160	0	0%	0%	0%	100%
400698	Sensor H2S 4Wire AL 0-100		580	0	28%	$160	0	0%	0%	0%	100%
601779	XPLORE IX 104 Centrino Table PC		564	0	28%	$156	0	0%	0%	0%	100%
300337	CONCRETE 2000 PSI-MISC EQUIP	OLD01509:RP2 - Primary/Secondary	557	2	4%	$25	1	0%	0%	0%	100%
400186	INTERC VAULT	OLD00069:RP2 - Primary/Secondary	553	2	4%	$25	1	0%	0%	0%	100%
400666	CARBON CANYON SOLAR POWER PLANT STRU		549	0	28%	$152	0	0%	0%	0%	100%
200001	RP2 WATER WELL REHAB.	9500074:RP1 - Primary/Secondary	547	1,2	10%	$52	0	0%	0%	0%	100%
400705	TUpH Sensor for Use wth Remote Preamp, 15		545	0	28%	$151	0	0%	0%	0%	100%
400706	TUpH Sensor for Use wth Remote Preamp, 15		545	0	28%	$151	0	0%	0%	0%	100%
400707	TUpH Sensor for Use wth Remote Preamp, 15		545	0	28%	$151	0	0%	0%	0%	100%
400708	TUpH Sensor for Use wth Remote Preamp, 15		545	0	28%	$151	0	0%	0%	0%	100%
400486	WURD GRNT/CECMTCH PREL		536	0	28%	$148	0	0%	0%	0%	100%
400487	WURD GRNT/CECMTCH FINL	:	536	0	28%	$148	0	0%	0%	0%	100%
400191	MODIFICATION OF EXISTING MANH	OLD00151:NRW General Administration	532	0	28%	$147	0	100%	0%	0%	0%
600668	RP1 UTILITY WTR PMP STN'99 SP	00OA99004:RP1 - Primary/Secondary	530	1	13%	$66	1	0%	0%	0%	100%
601922	MAGETIC FLOWMETER FLOWTUBE		523	0	28%	$145	0	0%	0%	0%	100%
601003	RP1 REPLACE IMPELLER BOWL5	99PA99002:RP1 - Primary/Secondary	518	1	13%	$65	1	0%	0%	0%	100%
601846	EP08001 Computer-Latitude XFR D630	EP08001 Computer-Latitude XFR D630	515	0	28%	$142	0	0%	0%	0%	100%
601845	EP08001 Computer-Latitude ATG D630	EP08001 Computer-Latitude ATG D630	325	0	28%	$90	0	0%	0%	0%	100%
601846	EP08001 Computer-Latitude ATG D630	EP08001 Computer-Latitude ATG D630	325	0	28%	$90	0	0%	0%	0%	100%
601846	EP08001 Computer-Latitude ATG D630	EP08001 Computer-Latitude ATG D630	325	0	28%	$90	0	0%	0%	0%	100%
601846	EP08001 Computer-PowerEdge R300	EP08001 Computer-Latitude ATG D630	173	0	28%	$48	0	0%	0%	0%	100%
601846	EP08001 Computer-PowerEdge R300	EP08001 Computer-Latitude ATG D630	173	0	28%	$48	0	0%	0%	0%	100%
600356	RP4 VALVES-OX. DITCH #1	99HVOC7003&6:RP4 - Solids Handling	508	4	34%	$175	0	0%	100%	0%	0%
600357	RP4 VALVES-OX.DITCH #2	99HVOC7002&5:RP4 - Solids Handling	508	4	34%	$175	1	0%	100%	0%	0%
600358	RP4 VALVES - OX. DITCH#3	99HVOC7001&4:RP4 - Solids Handling	508	4	34%	$175	1	0%	100%	0%	0%
300352	PIPE-VCP-GRIT CHAMB	OLD01572:RP2 - Primary/Secondary	506	2	4%	$22	1	100%	0%	0%	0%
300353	PIPE-VCP-SCREEN/COMMIN	OLD01573:RP2 - Primary/Secondary	506	2	4%	$22	1	100%	0%	0%	0%
300354	PIPE-VCP-SLUDGE THICK	OLD01577:RP2 - Primary/Secondary	506	2	4%	$22	1	0%	100%	0%	0%
600696	1-6 IN. CHECK VALVE	OLD00188:NRW General Administration	492	0	28%	$136	0	0%	0%	0%	100%
601466	CAL LEEP-LIGHTING EQUIPMENT	:	478	0	28%	$132	0	0%	0%	0%	100%
601699	CANOPY COVER AT CARBON CANYON		466	0	28%	$129	0	0%	0%	0%	100%
600283	RP4 METER FLOW/BKWASH/PROC.2e	99HJFM7409/1:RP4 - Tertiary	451	4	34%	$155	1	100%	0%	0%	0%
300305	CO#2-2 EPOXY ADD. TO 30IN. ST	OLD00235:RP2 - Primary/Secondary	445	2	4%	$20	1	0%	0%	0%	100%
601727	Power Connection Kit for FPS 200-27		437	0	28%	$121	0	0%	0%	0%	100%
601705	POWERED WITH SENSORS		436	0	28%	$121	0	0%	0%	0%	100%
601703	POWERED WITH SENSORS		436	0	28%	$121	0	0%	0%	0%	100%
601704	POWERED WITH SENSORS		436	0	28%	$121	0	0%	0%	0%	100%
601920	7-TR16-R TRANSMITTER 20 MA		427	0	28%	$118	0	0%	0%	0%	100%
601702	PUMP MOTOR ASSEMBLY ISP DETECTOR-PUM		426	0	28%	$118	0	0%	0%	0%	100%
601701	PUMP MOTOR ASSEMBLY ISP DETECTOR-PUM		426	0	28%	$118	0	0%	0%	0%	100%
601745	BATTERY OPERATED PUMP		419	0	28%	$116	0	0%	0%	0%	100%
601923	MAGETIC FLOWMETER FLOWTUBE		416	0	28%	$115	0	0%	0%	0%	100%
300196	ADDITION 76/77	OLD00201:RP1 - Tertiary	409	1	13%	$51	6	100%	0%	0%	0%
601831	OXYGEN SENSOR MODIFICATIONS	OXYGEN SENSOR MODIFICATIONS	408	0	28%	$113	4	0%	100%	0%	0%
601780	ITRONIX DuoTouch		399	0	28%	$110	0	0%	0%	0%	100%
400105	RP2 SEISMIC RETROFIT-WASTE GA	00EN98020/02:RP2 - Primary/Secondary	385	2	4%	$17	9	0%	45%	55%	0%
600348	RP4 VAKVES/BKWASH/PROC. (3EA)	99HVG7007:RP4 - Tertiary	381	4	34%	$131	0	0%	0%	0%	100%
600355	RP4 VALVE-GATE/BIO-RECY. (3EA	99HVALV7401:RP4 - Primary / Secondar	381	4	34%	$131	0	0%	0%	0%	100%
601719	Salisbury 9 pcs tool kit, insul w/pouch,rated 1(		381	0	28%	$105	0	0%	0%	0%	100%
400699	Sensor STD IND HC		377	0	28%	$104	0	0%	0%	0%	100%
400700	Sensor STD IND HC		377	0	28%	$104	0	0%	0%	0%	100%
601787	Quad Core Xeon X3363 Processor 2x6M Cache		374	0	28%	$103	0	0%	0%	0%	100%
600343	RP1 MAINT EYEWASH STN UPGRADE	05HR05002/08:Maintenance Facility-No	371	1	13%	$46	1	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601740	ALTEK 311A UNIVERSAL RTD CALIBRATOR		367	0	28%	$101		0%	0%	0%	100%
601741	ALTEK 820E MULTIFUNC CALIBRATOR		367	0	28%	$101		0%	0%	0%	100%
601781	ITRONIX Keyboard, DVD/CDRW, Cradle, Case		361	0	28%	$100		0%	0%	0%	100%
601764	Computer Supplies		360	0	28%	$100		0%	0%	0%	100%
400488	WURD GRNT/CECMTCH BDDG		357	0	28%	$99		0%	0%	0%	100%
300342	PIPE-STNLSS STEEL-ACT SLUDGE	OLD01551:RP2 - Primary/Secondary	335	2	4%	$15		0%	100%	0%	0%
601783	Dual Core 3070 Processor, 4MB Cache, 2.66GH		332	0	28%	$92		0%	0%	0%	100%
601784	Dual Core 3070 Processor, 4MB Cache, 2.66GH		332	0	28%	$92		0%	0%	0%	100%
601473	ER TRAILER ARROW LIGHT BOARD	:	332	0	28%	$92		0%	0%	0%	100%
400106	TP1 SEISMIC RETROFIT-CHLOR BL	00EN98020/03:RP1 - Tertiary	330	1	13%	$41		100%	0%	0%	0%
601720	Portable Calibrator-X88-115VAC		326	0	28%	$90		0%	0%	0%	100%
601748	PORTABLE CALIBRATOR		326	0	28%	$90		0%	0%	0%	100%
601928	REMOTE MAGENITIC FLOWMETER TRANSMIT		322	0	28%	$89		0%	0%	0%	100%
600361	RP4 VLV.SLUICE-PLANT RECY. WW	99HVPR7201:RP4 - Solids Handling	316	4	34%	$109		0%	0%	0%	100%
600264	RP4 EQUIPMENT RENTAL	99HALLOC7003:RP4 - Administration	307	4	34%	$105		0%	0%	0%	100%
601749	SMALL MISC TESTING TOOLS		306	0	28%	$85		0%	0%	0%	100%
100023	P. AND J. WARE EASEMENT OR R/	OLD05501:RP1 - Primary/Secondary	305	1	13%	$38		100%	0%	0%	0%
300350	PIPE-ACP-BUILDINGS	OLD01570:RP2 - Primary/Secondary	302	2	4%	$13		0%	0%	0%	100%
300351	PIPE-ACP-MISC.	OLD01571:RP2 - Primary/Secondary	302	2	4%	$13		0%	0%	0%	100%
900153	Misc Software		297	0	28%	$82		0%	0%	0%	100%
300341	PIPE-STNLSS STEEL-PRIM CLAR	OLD01550:RP2 - Primary/Secondary	279	2	4%	$12		80%	0%	20%	0%
300343	PIPE-STNLSS STEEL-SEC CLAR	OLD01552:RP2 - Primary/Secondary	279	2	4%	$12		80%	20%	0%	0%
150007	RP4-ADD'L SIDEWALK-ADD'L COST	04EN20026/A:RP4 - Administration	277	4	34%	$95		0%	0%	0%	100%
600260	RP4 A/C UNIT-MCC#1 BUILDING	99HAC7403:RP4 - Primary / Secondary	273	4	34%	$94		0%	0%	0%	100%
600263	RP4 A/C#3 - MCC#1	99HAC7001:RP4 - Tertiary	273	4	34%	$94		0%	0%	0%	100%
150092	RP4 IRON GATES DESIGN	99HGATE7001:RP4 - Primary / Secondar	273	4	34%	$94		50%	50%	0%	0%
601613	6 IN. PLUG VALVE	OLD02085:RP1 - Tertiary	271	1	13%	$34		100%	0%	0%	0%
601910	ITRANS CHASSI WITH RELAYS		271	0	28%	$75		0%	0%	0%	100%
601739	ALTEK 434 MA CAUBRATOR		261	0	28%	$72		0%	0%	0%	100%
400414	REHAB. SLUDGE DRYING BEDS-RP2	9300082:RP1 - Primary/Secondary	260	1	13%	$33		0%	45%	55%	0%
601767	SONY AIT-2 TURBO 80/208GB EXT SCSI		258	0	28%	$71		0%	0%	0%	100%
300202	CONNECTION TO 30 IN. STUB	OLD00234:RP2 - Primary/Secondary	254	2	4%	$11		100%	0%	0%	0%
600353	RP4 VLVE-FLTR#1-8 FEED (2EA)	99HVFW7401/2:RP4 - Tertiary	254	4	34%	$87		100%	0%	0%	0%
600354	RP4 VALVE 30" FLTR BNK#3 WAST	99HVFF7401/2:RP4 - Tertiary	254	4	34%	$87		100%	0%	0%	0%
300355	PIPE-VCP-BUILDINGS	OLD01578:RP2 - Primary/Secondary	253	2	4%	$11		0%	0%	0%	100%
300356	PIPE-VCP-MISC.	OLD01579:RP2 - Primary/Secondary	253	2	4%	$11		0%	0%	0%	100%
601747	PROBES		243	0	28%	$67		0%	0%	0%	100%
601718	Altek 322-1 T/C Calibrator		242	0	28%	$67		0%	0%	0%	100%
601835	EN07004-Facilities Luminnare Replacement	EN07004-Facilities Luminnare Replacem	239	0	28%	$66		0%	0%	0%	100%
400491	WURD GRNT/CECMTCH RPT		238	0	28%	$66		0%	0%	0%	100%
601530	CCWRP Aeration System Modification		238	c	49%	$116		0%	100%	0%	0%
601775	QUAD Serial Card for P92 and Breakout Cable		236	0	28%	$65		0%	0%	0%	100%
601785	Port Expansion Module, USB, PS2		219	0	28%	$61		0%	0%	0%	100%
601721	Atek 821E Multi-Function Calibrator		215	0	28%	$59		0%	0%	0%	100%
300113	ADDITION 70/71	OLD00098:NRW General Administration	202	0	28%	$56		0%	0%	0%	100%
600107	RP2 DIGESTER BLDG LEAK DETECT	04EB04007/04:RP2 - Solids Handling	192	2	4%	$9		0%	45%	55%	0%
600104	RP2 DIGESTER BLDG LEAK DETEC	04EB04007/01:RP2 - Solids Handling	192	2	4%	$9		0%	45%	55%	0%
600105	RP2 DIGESTER BLDG LEAK DETECT	04EB04007/02:RP2 - Solids Handling	192	2	4%	$9		0%	45%	55%	0%
600106	RP2 DIGESTER BLDG LEAK DETECT	04EB04007/03:RP2 - Solids Handling	192	2	4%	$9		0%	45%	55%	0%
600279	RP4 ALARM HIGH LEVEL HW#1	99HAC7201:RP4 - Primary / Secondary	189	4	34%	$65		100%	0%	0%	0%
400709	Type430 SS Sure-fit solenoid Valve, Normally (		179	0	28%	$50		0%	0%	0%	100%
100024	CBMWD LABOR EXPENSE	OLD05503:RP1 - Primary/Secondary	167	1	13%	$21		100%	0%	0%	0%
601742	FLUKE-1587 INSUL TESTER		165	0	28%	$46		0%	0%	0%	100%
601738	Webbing,Harness,Straps,Locks,Wire		161	0	28%	$44		0%	0%	0%	100%
601834	EN07004-Facilities Luminnare Replacement	EN07004-Facilities Luminnare Replacem	159	0	28%	$44		0%	0%	0%	100%
601743	FLUKE T-1000 TESTER		156	0	28%	$43		0%	0%	0%	100%
150080	RP4 CLEAN UP	99HCLNUP7001:RP4 - Administration	152	4	34%	$52		0%	0%	0%	100%
601786	Dell 4210 Rack, Include Doors Bo Side Panels		152	0	28%	$42		0%	0%	0%	100%
601842	EN06811 REBUILD KIT FOR VACUUM PUMP W	EN06811 REBUILD KIT FOR VACUUM PU	147	0	28%	$41		0%	0%	0%	100%
300370	NRWS CONN & EMERG PIPELINE RPT		146	0	28%	$41		0%	45%	55%	0%
601746	TWO-ELECTRODE LABORATORY CORRATER PR		143	0	28%	$40		0%	0%	0%	100%
400656	CL CONTACT CHAMBER STRUCTURE	OLD02688:RP2 - Tertiary	141	2	4%	$6		100%	0%	0%	0%
400088	CCWRP AERATION BASIN REPAIR	99EN97007:CCWRF - Primary/Secondary	135	c	49%	$66		0%	100%	0%	0%
600886	RP1 FRT ON PHONE SYSTEM	OLD04947:RP1 - Administration	128	1	13%	$16		0%	0%	0%	100%
400384	PR CLFR SAFETY RAILING	OLD04932:RP2 - Solids Handling	128	2	4%	$6		80%	0%	20%	0%
600352	RP4 VLVE 36"-FLT. BANK#1 BYPA	99HVSE7003:RP4 - Tertiary	127	4	34%	$44		100%	0%	0%	0%
600362	RP4 VLV 30"-SECONDARY #1EFF	99HVSE7002:RP4 - Primary / Secondary	127	4	34%	$44		80%	20%	0%	0%
600363	RP4 VALVE 30" SEC#2 EFF	99HVSE7001:RP4 - Primary / Secondary	127	4	34%	$44		80%	20%	0%	0%
600364	RP4 VALVE 30" SEC.#3 EFF	99HVFB7401:RP4 - Primary / Secondary	127	4	34%	$44		80%	20%	0%	0%
150016	RP1 NITROGEN REMOVAL	99EN96054:RP1 - Administration	116	1	13%	$14		0%	100%	0%	0%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
650057	RP4 MISC. OFFIC FURNITURE	99HOFF7012:RP4 - Administration	105	4	34%	$36		0%	0%	0%	100%
400723	EN06812-RP5 Solid Fac - Temp Fans	EN06812-RP5 Solid Fac - Temp Fans	102	5	33%	$34		0%	0%	0%	100%
400619	ALL CITIES ENGR. SERV.	OLD02149:RP1 - Tertiary	93	1	13%	$12		0%	0%	0%	100%
601737	RP5 SHF Transformer Upgrade		83	5	33%	$28		0%	0%	0%	100%
300369	NRWS CONN & EMERG PIPELINE RPT		81	0	28%	$22		0%	45%	55%	0%
601744	CLAMP ON AMP METERS		78	0	28%	$22		0%	0%	0%	100%
601736	RP5 SHF Transformer Upgrade		67	5	33%	$22		0%	0%	0%	100%
150096	RP4 LIGHT.POLELIGHT-PLANT REC	99HLP7201:RP4 - Solids Handling	65	4	34%	$22		0%	0%	0%	100%
300939	PIPE-STNLSS STEEL-GRIT EHAMB	OLD01548:RP2 - Primary/Secondary	56	2	4%	$2		100%	0%	0%	0%
300940	PIPE-STNLSS STEEL-SCREEN/COMM	OLD01549:RP2 - Primary/Secondary	56	2	4%	$2		100%	0%	0%	0%
300944	PIPE-STNLSS STEEL-SLUDGE THIC	OLD01553:RP2 - Primary/Secondary	56	2	4%	$2	7	0%	100%	0%	0%
400721	RP5 H2S BIOLOGICAL REMOVAL SYSTEM	RP5 H2S BIOLOGICAL REMOVAL SYSTEM	54	5	33%	$18	9	0%	45%	55%	0%
601722	JB DV-200N 7CFM 2STG W/VALVE VAC PUMP		47	0	28%	$13	0	0%	0%	0%	100%
650037	RP4 OAK SEC. DESK W/RETURN	99HLBFF7001:RP4 - Primary / Secondary	47	4	34%	$16	0	0%	0%	0%	100%
601614	8 IN. CHECK VALVE	OLD02028:RP1 - Tertiary	47	1	13%	$6		100%	0%	0%	0%
600216	RP4 MOYNO PUMP ST#98 OUTFALL	99EN97020708:RP4 - Primary / Seconda	45	4	34%	$15		80%	20%	0%	0%
400089	RP4 ELECTRIC MAIN GATE	99EN97020703:RP4 - Administration	43	4	34%	$15		0%	0%	0%	100%
400664	RP5 SOLIDS ENHANCEMENTS		38	5	33%	$13		0%	45%	55%	0%
650043	RP4 HON SLED BASE CHAIR	99HLBFF7007:RP4 - Primary / Secondary	38	4	34%	$13		0%	0%	0%	100%
601723	3WU23 Scale Ditital Portable-Pull Line Measu		37	0	28%	$10		0%	0%	0%	100%
650045	RP4 FLAMM. CABINET -LAB SFTY	99HLBFF7009:RP4 - Primary / Secondary	36	4	34%	$12		0%	0%	0%	100%
650047	RP4 72" OAK CREDENZA M.	99HOFF7001:RP4 - Administration	35	4	34%	$12		0%	0%	0%	100%
650051	RP4 SIDE ARM CHAIR/BLUE	99HOFF7005:RP4 - Administration	33	4	34%	$11		0%	0%	0%	100%
650048	RP4 EXEC. OAK DESK 36X72	99HOFF7002:RP4 - Administration	32	4	34%	$11		0%	0%	0%	100%
601832	OXYGEN SENSOR MODIFICATIONS	OXYGEN SENSOR MODIFICATIONS	32	0	28%	$9		0%	100%	0%	0%
601833	OXYGEN SENSOR MODIFICATIONS	OXYGEN SENSOR MODIFICATIONS	30	0	28%	$8		0%	100%	0%	0%
300345	PIPE-STNLSS STEEL-BUILDINGS	OLD01554:RP2 - Primary/Secondary	28	2	4%	$1		0%	0%	0%	100%
300946	PIPE-STNLSS STEEL-MISC.	OLD01555:RP2 - Primary/Secondary	28	2	4%	$1		0%	0%	0%	100%
650038	RP4 UTILITY TABLE	99HLBFF7002:RP4 - Primary / Secondary	26	4	34%	$9		0%	0%	0%	100%
650040	RP4 MOBILE STAND	99HLBFF7004:RP4 - Primary / Secondary	26	4	34%	$9		0%	0%	0%	100%
300382	EN06013-Collection System Chino Ave1	Chino Ave Sewer Replacement	24	0	28%	$7		100%	0%	0%	0%
650053	RP4 TOWER OAK CART	99HOFF7007:RP4 - Administration	24	4	34%	$8		0%	0%	0%	100%
650052	RP4 4 DR LTR FILE CABINET	99HOFF7006:RP4 - Administration	19	4	34%	$7		0%	0%	0%	100%
650046	RP4 MISC. LAB FURNITURE	99HLBFF7010:RP4 - Primary / Secondary	17	4	34%	$6		0%	0%	0%	100%
601465	CCW PRIMARY CLARIFIER EQUIP REP & COAT	:	15	c	49%	$7		80%	0%	20%	0%
650055	RP4 HON HIGH EXEC. CHAIR	99HOFF7010:RP4 - Administration	14	4	34%	$5		0%	0%	0%	100%
650054	RP4 FAX OAK CART	99HOFF7008:RP4 - Administration	12	4	34%	$4		0%	0%	0%	100%
650050	RP4 STORAGE CABINET 36X72X18	99HOFF7004:RP4 - Administration	11	4	34%	$4		0%	0%	0%	100%
650041	RP4 24" LONG HANGING CABINET	99HLBFF7005:RP4 - Primary / Secondary	11	4	34%	$4		0%	0%	0%	100%
650042	RP4 STA. (OFFICE DEPOT#022180	99HLBFF7006:RP4 - Primary / Secondary	10	4	34%	$3		0%	0%	0%	100%
300381	EN06013-Collection System Chino Ave1	Chino Ave Sewer Replacement	10	0	28%	$3		100%	0%	0%	0%
650049	RP4 SIDE ARM GREY CHAIR	99HOFF7003:RP4 - Administration	8	4	34%	$3		0%	0%	0%	100%
650056	RP4 TASK CHAIR W/ARMS	99HOFF7011:RP4 - Administration	7	4	34%	$2		0%	0%	0%	100%
650039	RP4 CHOW WALNUT TABLE	99HLBFF7003:RP4 - Primary / Secondary	6	4	34%	$2		0%	0%	0%	100%
650044	RP4 CHAIR	99HLBFF7008:RP4 - Primary / Secondary	4	4	34%	$1		0%	0%	0%	100%
600122	2 CHEMICAL METERING PUMPS-NRW	06PA06006/04:NRW Northern System		0	28%	$0		0%	0%	0%	100%
150053	PHIL LIFT STATION ABESTOS RMV	97PA96004001:NRW Philadephia Lift Sta		0	28%	$0		0%	0%	0%	100%
400029	EMERGENCY NRW MANHOLE ADJ	04EN04037:NRW Northern System		0	28%	$0		0%	0%	0%	100%
600972	NRW LIFT STATION PUMP REPL	05PA04018:NRW Northern System		0	28%	$0		0%	0%	0%	100%
300001	UPPR CROSSING ENCASEMENT	9500067:Main Office Administration		0	28%	$0		0%	0%	0%	100%
300002	UPPR Crossing Encasement	9400015:NRW General Administration		0	28%	$0		0%	0%	0%	100%
300028	NRW SEWER LINE SUPRACOAT	97EN91015001:NRW Northern System		0	28%	$0		0%	0%	0%	100%
300032	MANHOLE REPAIR/MODIFICATIONS	97EN92031001:NRW General Administr		0	28%	$0		0%	0%	0%	100%
300033	SCE ETIWANDA METER	9500060:Main Office Administration		0	28%	$0		0%	0%	0%	100%
300065	PHILA-LIFT STATION TELEMENT E	9500061:Main Office Administration		0	28%	$0		0%	0%	0%	100%
300142	BONANZA ALUMINUM NRW SERVC CO	OLD00152:NRW General Administration		0	28%	$0		0%	0%	0%	100%
400196	LIFT STATION	OLD00278:NRW General Administration		0	28%	$0		0%	0%	0%	100%
400197	ELECTRICAL HARDWARE & WIRE	OLD00288:NRW General Administration		0	28%	$0		0%	0%	0%	100%
400198	MAGX SIGNAL CONV MOD .5OPZ 13	OLD00290:NRW General Administration		0	28%	$0		0%	0%	0%	100%
400199	MISC. PIPING & SUPPLIES FROM	OLD00297:NRW General Administration		0	28%	$0		0%	0%	0%	100%
400200	OTHER COSTS	OLD00298:NRW General Administration		0	28%	$0		0%	0%	0%	100%
600111	NRW N-SITE RECORDERS#S5DC0730	06EB05007/01:NRW Northern System		0	28%	$0		0%	0%	0%	100%
600112	NRW N-SITE RECORDERS#S5DC0730	06EB05007/02:NRW Northern System		0	28%	$0		0%	0%	0%	100%
600113	NRW N-SITE RECORDERS#S5DB0594	06EB05007/03:NRW Northern System		0	28%	$0		0%	0%	0%	100%
600114	NRW N-SITE RECORDERS#S5DC0577	06EB05007/04:NRW Northern System		0	28%	$0		0%	0%	0%	100%
600115	NRW N-SITE RECORDERS#S5DC0395	06EB05007/05:NRW Northern System		0	28%	$0		0%	0%	0%	100%
600116	NRW S-SITE RECORDER #S5DC0730	06EB05008/01:NRW Southern System		0	28%	$0		0%	0%	0%	100%
600117	NRW S-SITE RECORDDR #S5E10561	06EB05008/02:NRW Southern System		0	28%	$0		0%	0%	0%	100%
600123	PORTABLE GAS MONITOR	06PA06006/06:NRW General Administra		0	28%	$0		0%	0%	0%	100%
600124	PORTABLE GAS MONITOR	05EC05002/01:NRW General Administra		0	28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600125	PUMP FOR PORTABLE GAS MONITOR	05EC05002/03:NRW General Administra		0	28%	$0	0	0%	0%	0%	100%
600126	PUMP FOR PORTABLE GAS MONITOR	05EC05002/04:NRW General Administra		0	28%	$0	0	0%	0%	0%	100%
600583	FERROUS CHLORIDE INJECTION SY	97IW95032001:NRW General Administr		0	28%	$0	0	0%	0%	0%	100%
600707	MOTOR 100 HP 3 PH 60 CY 460 V	OLD00283:NRW General Administration		0	28%	$0	0	0%	0%	0%	100%
600708	4 MCC CONTROL UNIT 225 AMP MA	OLD00286:NRW General Administration		0	28%	$0	0	0%	0%	0%	100%
600709	MAG X MAG FLOW METER	OLD00287:NRW General Administration		0	28%	$0	0	0%	0%	0%	100%
600710	VERT. NON-CLOG CENTRIFUGAL PU	OLD00294:NRW General Administration		0	28%	$0	0	0%	0%	0%	100%
600711	BASE FOR PUMP	OLD00295:NRW General Administration		0	28%	$0	0	0%	0%	0%	100%
600712	3 PC PUMP DRIVE SHAFT	OLD00296:NRW General Administration		0	28%	$0	0	0%	0%	0%	100%
600988	PLS-CHECK VALVE.10"-PHIL LIFT	05EC05002/02:NRW Philadephia Lift Sta		0	28%	$0	0	0%	0%	0%	100%
600989	PLS-CHECK VALVE.10"-PHIL LIFT	06PA06006/01:NRW Philadephia Lift Sta		0	28%	$0	0	0%	0%	0%	100%
600990	(3)6"GATE VALVE.MATCO FLNG-PL	06PA06006/07:NRW Philadephia Lift Sta		0	28%	$0	0	0%	0%	0%	100%
600991	(6)8"GATE VALVE.MATCO FLNG-PL	06PA06006/02:NRW Philadephia Lift Sta		0	28%	$0	0	0%	0%	0%	100%
600992	(2)12"VALVES.EPOXY COATED-PLS	06PA06006/03:NRW Philadephia Lift Sta		0	28%	$0	0	0%	0%	0%	100%
600993	(3)10"GATE VALVE-PHIL LIFT ST	06PA06006/05:NRW Philadephia Lift Sta		0	28%	$0	0	0%	0%	0%	100%
600994	2 VALVE REDUCERS & NUTS-PLS	04EC04012:NRW Philadephia Lift Station		0	28%	$0	0	0%	0%	0%	100%
601449	CYCLONE CONVERSION KIT FOR VACTOR			0	28%	$0	0	0%	0%	0%	100%
601584	2-Channel Scanner			0	28%	$0	0	0%	0%	0%	100%
601584	2-Channel Scanner			0	28%	$0	0	0%	0%	0%	100%
601584	2-Channel Scanner			0	28%	$0	0	0%	0%	0%	100%
300013	MONTCLAIR INT TV INSPECTION	04EN03007:Regional Interceptors		0	28%	$0	0	0%	0%	0%	100%
300014	ARCHIBALD TR TV INSPECTION	04EN03008:Regional Interceptors		0	28%	$0	0	0%	0%	0%	100%
600118	MO1-MRC PORTS PH RECORDER MET	02EC02001:Main Office Administration		0	28%	$0	0	0%	0%	0%	100%
600120	2 ISCO 3700 AUTOMATIC SAMPLER	04EC03001:Regional Administration		0	28%	$0	0	0%	0%	0%	100%
600127	EC ISCO 6712 SMPLR#666710071	06EC05003:Regional Administration		0	28%	$0	0	0%	0%	0%	100%
600577	GAS DETECTOR W/ACCESSORIES	01IW01001/01:Regional Administration		0	28%	$0	0	0%	0%	0%	100%
600578	GAS DETECTOR W/ACCESSORIES	01IW01001/02:Regional Administration		0	28%	$0	0	0%	0%	0%	100%
600582	ISCO PORTABLE FLOW METER-WAST	00IW20003:RP4 - Recycled Water		0	28%	$0	0	0%	0%	0%	100%
601460	CCTV CRAWLER MOTOR ASSEMBLY	:		0	28%	$0	0	0%	0%	0%	100%
600133	DES-DELL PREC 370 MINI#1GT0T7	06EM05007/01:Chino Desalter Operatio		0	28%	$0	0	0%	0%	0%	100%
600134	DES-DELL PREC370 MINI #7GT0T7	06EM05007/02:Chino Desalter Operatic		0	28%	$0	0	0%	0%	0%	100%
150014	RP1 LANDSCAPING	9500189:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
150025	RP1 REFURBISH ASPHALT PAVEMENT	01EN98004:RP1 - Tertiary		1	13%	$0	1	100%	0%	0%	0%
150043	IRRIGATION & SOIL EROSION PLAN	OLD01180:RP1 - Solids Handling		1	13%	$0	11	0%	45%	55%	0%
150049	RP1 LIGHTS	OLD05471:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
150050	LAND IMPRVTS AROUND OPS CNTR	EN91054:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
150090	IRRIGATION AND EROSION CONTROL	OLD02399:RP1 - Tertiary		1	13%	$0	0	0%	0%	0%	100%
300007	RP1-LEL METERS - WATER COLLEC	05EM05004:Maintenance Administratio		1	13%	$0	0	0%	0%	0%	100%
300027	STATION REHAB - INTERCEPTOR	9500106:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
300034	FONTANA LINE REIMBURSEMENT	95EN92063:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%
300038	UPLAND INTERCEPTOR-EMG. REPAI	95EN93013:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
300042	TP1 FILTER INFLUENCE BYPASS	9600032:RP1 - Tertiary		1	13%	$0	0	0%	0%	0%	100%
300043	JURUPA AVE EMERG REPAIR	9500127:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
300044	JURUPA AVE SINKHOLE #2	9500126:RP1 - Administration		1	13%	$0	0	0%	0%	0%	100%
300045	EMERGENCY REPAIR - JURUPA AVE	97EN96047001:Regional Interceptors		0	28%	$0	0	0%	0%	0%	100%
300198	10" VENT AT TP #1 NEAR FLOW C	OLD00204:RP1 - Tertiary		1	13%	$0	6	100%	0%	0%	0%
400002	PANIC ALARM SYSTEMS	05CP05003:Regional Administration		0	28%	$0	0	0%	0%	0%	100%
400004	DIGESTER ELECTRICAL COMPLIANC	06EA03007:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%
400005	REPL LGHT FIXTURES RAS PMP ST	97EA97005001:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400006	EVAPORATOR-WSTWTR.ELEC 85 GAL	06EM06015/01:RP1 - Energy Recovery		1	13%	$0	0	0%	0%	0%	100%
400007	EVAPORATOR-WSTWTR.ELEC 125 GA	06EM06015/02:RP1 - Energy Recovery		1	13%	$0	0	0%	0%	0%	100%
400008	2 AUTO FILL SYS W/70GPM PUMP	06EM06015/03:RP1 - Energy Recovery		1	13%	$0	0	0%	0%	0%	100%
400014	RP1-POLYMER SYSTEM REPLACEMENT	02EN01017/01:Maintenance Facility-No		1	13%	$0	0	0%	0%	0%	100%
400015	RP1-POLYMER SYSTEM REPLACEMENT	02EN01017/02:Maintenance Facility-No		1	13%	$0	0	0%	0%	0%	100%
400016	RP1-POLYMER SYSTEM REPLACEMENT	02EN01017/03:Maintenance Facility-No		1	13%	$0	0	0%	0%	0%	100%
400017	RP1-POLYMER SYSTEM REPLACEMENT	02EN01017/04:Maintenance Facility-No		1	13%	$0	0	0%	0%	0%	100%
400026	RP1 GAS STORAGE TANKS. PHASEI	04EN03022:RP1 - Primary/Secondary		1	13%	$0	9	0%	45%	55%	0%
400039	TP1-CHLORINE SCRUBBER MOD'S	03EN20054:RP1 - Tertiary		1	13%	$0	6	100%	0%	0%	0%
400046	RP1 TRICKLING FILTER REHAB.	9500111:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%
400049	RP1 ODOR CONTROL - MISC. IMPR	9500112:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%
400060	GRIT CHAMBER IMPROVEMENTS	9500166:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400063	MODIFICATIONS AERATION BASIN#	97EN94028001:RP1 - Primary/Seconder		1	13%	$0	0	0%	0%	0%	100%
400066	FERRIC CHLORIDE FEEDING FACIL	97EN94040001:RP1 - Digester Cleaning		1	13%	$0	0	0%	0%	0%	100%
400072	RP1 SUPPLEMNTL ELECTRICAL IMP	97EN95015001:RP1 - Energy Recovery		1	13%	$0	0	0%	0%	0%	100%
400075	DEWATERING BUILDING IMPROVEMN	97EN96019001:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400102	RP1 ROOF ACCESS WALKWAY MAINT	98EN98016001:Maintenance Facility-No		1	13%	$0	0	0%	0%	0%	100%
400108	TP1 FIBERGLASS ENCLOSURE DECH	01EN99010/01:RP1 - Tertiary		1	13%	$0	0	0%	0%	0%	100%
400163	REPLC STEEL GRATE W/FIBERGLAS	9500077:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%
400164	STAR W/WALK/W/CONSTRUCTION	9500130:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%
400169	RP1 HEADWORKS POLYMER FEED MO	01OA20006:RP1 - Primary/Secondary		1	13%	$0	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400170	SODIUM BISULFATE INJECTION ST	9500159:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400172	REPLAC VENTILIATION FANS - RP	9500078:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400173	PRADO DECHLORINATION MODIFCTN	97OA96003001:Prado Dechlorination St		0	28%	$0		0%	0%	0%	100%
400174	RP1 IRON SPONGE MODIFICATIONS	97OA96009001:RP1 - Primary/Secondar		1	13%	$0		0%	0%	0%	100%
400175	RP1 PRIMARY CLARIFIER MOD.	9600013:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400176	BULK POLYMER STORAGE TANK	97OA97003001:RP2 - Primary/Secondar		2	4%	$0		0%	0%	0%	100%
400194	LAGOON #1 LINING	OLD00269:RP1 - Administration		1	13%	$0		0%	0%	0%	100%
400201	DIGESTER-70 FT D.X30 FT H.-FI	OLD00314:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400202	DIGESTER-70FT D. X30FT H.-FIX	OLD00313:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400203	PRIMARY CLARIFIER 90FT. DIA-F	OLD00315:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400204	CURRIE CLARIFIER 130FT. DIA-F	OLD00316:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400205	WALKER CLARIFIER 130 FT. DIA-	OLD00317:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400206	PRIM. CLARIFIER 100 FT. DIA.-	OLD00372:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400207	SEC. CLARIFIER 100 FT. DIA.-F	OLD00373:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400208	RECLASS PRIOR YR WIP 1500-902	OLD00430:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400215	LABOR/BURDEN/OH/G&A FY 1990/	OLD00584:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400216	RECLASS RIOR YR WIP	OLD00585:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400217	SODIUM BISULFATE INJECTION ST	OA93011Y:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400219	ELECTRICAL & INSTRUMENTATION	OLD00619:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400220	RP1 PRIMARY YARD PIPING	OLD00620:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400221	RP1 SECONDARY YARD PIPING	OLD00621:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400224	ELECT. AND INSTRUMENT.	OLD00715:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400227	ELECT. AND INSTRUMENT.	OLD00862:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400231	SLUDGE GRINDERS	OP92024Y:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400234	6000 GAL. PROPANE TANK	OLD01087:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400237	RP1 00' ALUMINUM STORAGE CONTAINE	OLD01104:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400245	WATERSTOP AND SEALANT	OLD01126:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400246	ACCESS COVER AND MISCL. METAL	OLD01127:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400247	PRIMARY CLARIFIER COVERS	OLD01128:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400248	PRIM. CLAR. ALUMINUM GRATING	OLD01129:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400249	16" DIAM C.I. MANUAL @ #4 BG	OLD01169:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400250	16" DIAM C.I. MANUAL @ #4 BG	OLD01168:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400251	16" DIAM C.I. MANUAL @ #4 BG	OLD01167:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400252	12 X 18 C.I. OPN DWN MAN.@ #4	OLD01170:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400253	16" DIAM C.I. MANUAL @ #5 BG	OLD01166:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400254	16" DIAM C.I. MANUAL @ #5 BG	OLD01165:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400255	16" DIAM C.I. MANUAL @ #5 BG	OLD01164:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400256	16" DIAM C.I. MANUAL @ #6 BG	OLD01163:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400257	16" DIAM C.I. MANUAL @ #6 BG	OLD01162:RP1 - Solids Handling		1	13%	$0	0	0%	0%	0%	100%
400258	16" DIAM C.I. MANUAL @ #5 BG	OLD01161:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400259	16" DIAM C.I. MANUAL @ #7 BG	OLD01160:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400260	16" DIAM C.I. MANUAL @ #7 BG	OLD01159:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400261	16" DIAM C.I. MANUAL @ #7 BG2	OLD01158:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400262	16" DIAM C.I. MANUAL @ #8 BG2	OLD01157:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400263	16" DIAM C.I. MANUAL @ #8 BG2	OLD01156:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400264	16" DIAM C.I. MANUAL @ #8 BG2	OLD01155:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400265	16" DIAM C.I. MANUAL @ #9 BG2	OLD01154:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400266	16" DIAM C.I. MANUAL @ #9 BG3	OLD01153:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400267	16" DIAM C.I. MANUAL @ #9 BG3	OLD01152:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400268	16" DIAM C.I. MANUAL @ #10 BG	OLD01150:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400269	16" DIAM C.I. MANUAL @ #10 BG	OLD01149:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400270	16" DIAM C.I. MANUAL @ #10 BG	OLD01148:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400271	12 X 18 C.I. OPN DWN @ #10 BG	OLD01151:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400272	PIPING. VALVES. & FITTINGS	OLD01176:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400273	YARD PIPINFG & MISCL.	OLD01177:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400274	ELECTRICAL.	OLD01178:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400284	REPLACE HEAT EXCHANGER	MT92087:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400285	AIR COMPRESSOR AT PRI CLARIFI	OP92020:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400286	S.C.B.A. UPGRADE	OA93010Y:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400381	OPERATIONS CENTER EXPANSION	EN91054:Operations Center RP-1		1	13%	$0		0%	0%	0%	100%
400382	WALK IN FREEZER IN OPS CNTR	EN91054:Operations Center RP-1		1	13%	$0		0%	0%	0%	100%
400385	ALUMINUM KICK PLATES	OLD05029:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400386	KICK PLATE INSTALLATION	OLD05030:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400387	DIGESTER GAS SYSTEM MODIFICAT	9500167:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
400389	REPLAC OP BUILDING ROOF	9500079:RP1 - Administration		1	13%	$0		0%	0%	0%	100%
400398	RP1 GRIT CLARIFIER REPL	05PA05011:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400399	RP1 EXT FIRE SPRINKLER MAINT	05PA05012:Maintenance Facility-North		1	13%	$0		0%	0%	0%	100%
400403	CAGE ON LADDER - RAS 2 AT RP1	9500142:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
400406	RP1 COMPLEX ROOF REFURBISHMEN	98PA98001001:RP1 - Administration		1	13%	$0		0%	0%	0%	100%
400411	RP1 5" CORE DRILL	05PB05002:Maintenance Facility-North		1	13%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
400597	TP1 POND STRUCTURE	OLD02102:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400598	TP1 SEDIMENTATION STRUCTURE	OLD02107:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400600	TP1 REPL OF COVER SUPP. BEAM	9500177:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400601	TP1 OUTFALL ENERGY RECOVERY	9500156:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400603	PUMP STATION MODIFICATION	9500162:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400604	BUILDING & IMPROVEMENTS	OLD02024:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400605	TP1 PMPNG STATN STRUCTURE	OLD02079:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400606	HIGH LIFT PUMPING STATION	OLD02087:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400607	TP1 FLOCCULATION STRUCTURE	OLD02108:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400608	STEEL TANKS & SCALES	OLD02123:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400609	T.P.1 FILTER FAC. STRUCTURE	OLD02131:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400610	ALL FIBERGLASS ITEMS	OLD02137:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400611	TP1 PLANT PRESSURE OUTFALL ST	OLD02080:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400612	18 IN & 12 IN PRESSURE OUTFALL	OLD02098:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400613	PIPE-12 IN. & LARGER	OLD02082:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400614	PIPE 12 IN. & LARGER	OLD02092:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400615	TRAVELING BRIDGE COLLECTOR	OLD02117:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400616	PIPE 12 IN. & LARGER	OLD02138:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400617	PIPE LESS THAN 12 IN.	OLD02139:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400520	PIPING	OLD02183:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400625	DIRECT & INDIRECT COSTS	OLD02272:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400626	LARGE PIPE & FITTINGS	OLD02292:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400627	SMALL PIPE & FITTINGS	OLD02293:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400628	MISCL. PIPING	OLD02302:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400629	PLANT AIR PIPING	OLD02366:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400633	FIBERGLAS AND MISC. METALS	OLD02395:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400634	PIPING, SMALL VALVES, FITTING	OLD02396:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400646	COVERS F/ FILTER CHANNELS & C	MT92086:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400649	RP1 LAND IMPROVEMENTS	EN90003:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
400650	Emergency Repair-TP1 Chlorine	9400011:RP1 - Tertiary		1	13%	$0		0%	0%	0%	100%
500007	VISITOR CENTER ONTARIO SOCCAR COMPLEX - :			0	28%	$0		0%	0%	0%	100%
600003	RP1 Digester PH Adj Facility	9400008:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
600015	RP1 AUTO IRRIGATION SYSTEM	05CP04008:RP1 - Primary/Secondary		1	13%	$0		0%	0%	0%	100%
600034	RP1-BINMINDER LEVEL RANGING S	02EA02001/01:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
600035	RP1-BINMINDER LEVEL RANGING S	02EA02001/02:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
600036	RP1-BINMINDER LEVEL RANGING S	02EA02001/03:RP1 - Solids Handling		1	13%	$0		0%	0%	0%	100%
600038	RP1-DISSOLVED OXYGEN PROBE	02EA02004/01:Operations Center RP-1		1	13%	$0		0%	0%	0%	100%
600039	RP1-DISSOLVED OXYGEN PROBE	02EA02004/02:Operations Center RP-1		1	13%	$0		0%	0%	0%	100%
600040	RP1-DISSOLVED OXYGEN PROBE	02EA02004/03:Operations Center RP-1		1	13%	$0		0%	0%	0%	100%
600041	RP1-DISSOLVED OXYGEN PROBE	02EA02004/04:Operations Center RP-1		1	13%	$0		0%	0%	0%	100%
600042	RP1-DISSOLVED OXYGEN PROBE	02EA02004/05:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600043	RP1-DISSOLVED OXYGEN PROBE	02EA02004/06:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600044	RP1-THERMAL TEMPERATURE PROBE	02EA02005:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600045	TP1-CHLORTROL 5000 ANALYZER R	02EA02006:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600046	RP1-JEROME H2S GAS ANALYZER	02EA02010:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600047	TP1-MOTOR CNTRL CTR/SED BAN P	03EA03002:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600048	RP1-DISSOLVED OXYGEN PROBES	03EA03003/01:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600049	RP1-DISSOLVED OXYGEN DO PROBE	03EA03003/02:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600050	RP1-DISSOLVED OXYGEN DO PROBE	03EA03003/03:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600051	RP1-DISSOLVED OXYGEN DO PROBE	03EA03003/04:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600052	RP1-DISSOLVED OXYGEN DO PROBE	03EA03003/05:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600053	RP1-DISSOLVED OXYGEN DO PROBE	03EA03003/06:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600054	RP1-RPLACE MOTR CTRL CTR HRDW	03EA03004:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600055	PRADO DESCHLOR-ANALYZERS	04EA03005:Prado Dechlorination Statio			28%	$0		0%	0%	0%	100%
600056	TP1 ABS PUMP STATION POWER FE	04EA04001:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600057	TP1 ABS PUMP STATION POWER FE	06EA04001:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600058	TP1 MCC UTILITY WATER PUMP	06EA04002:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600059	RP1 DISSOLVED OXYGEN PROBES	04EA04003:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600060	RP1-4WKSTN ULTRASPARC 60 UPGR	06EA04004/01:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600061	RP1-4 WKSTN ULTRASPARC 60 UPG	06EA04004/02:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600062	WKSTNS ULTRSPRC UPGD #13HCJ31	06EA04005/01:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600063	WKSTN ULTRSPRC UPGD #F2HCJ31	06EA04005/02:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600064	RP1 LAPTOP COMPUTER	05EA04006/01:RP1 - Administration			28%	$0		0%	0%	0%	100%
600065	RP1 LAPTOP COMPUTER	05EA04006/02:RP1 - Administration			28%	$0		0%	0%	0%	100%
600066	TP1 LAPTOP COMPUTER	05EA04006/03:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600067	TP1 LAPTOP COMPUTER	05EA04006/04:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600068	RP1 MONITOR	05EA04006/05:RP1 - Administration			28%	$0		0%	0%	0%	100%
600069	TP1 MONITOR	05EA04006/06:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600074	RP1 2 GAS DETECTORS	00EA20004:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600078	DEWTRING DISTRIBUTED CNTRL SY	97EA97006001:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600080	RP1 BELT PRESS CONTROL	00EA98001:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600081	RP1 DC DRVE MOTR & CNTRL BELT	01EA98002/01:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600082	RP1 DC DRVE MOTR & CNTLR BELT	01EA98002/02:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600083	RP1 DC DRVE MOTR & CNTLR BELT	01EA98002/03:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600087	RP1 INTERPLANT COMM LINK	01EA99001:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600089	RP1-WORKSTATIONS	04EB03001/01:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600090	RP1 WORKSTATION	04EB03001/02:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600093	RP1 PC WORKSTATION REPL	05EB04001/01:CCWRF - Primary/Second			28%	$0	0	0%	0%	0%	100%
600094	RP1 PC WORKSTATION REPL	05EB04001/03:CCWRF - Primary/Second			28%	$0	0	0%	0%	0%	100%
600101	RP1 NT WORKSTATION	05EB04004/01:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600102	TP1 NT WORKSTATION	05EB04001/02:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600119	RP1-INFLUENT pH MONITORING	02EC02010:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600121	GAS POWERED GENERATOR	04EC03010:Regional Administration			28%	$0	0	0%	0%	0%	100%
600131	RP1-EXPLOSION PROOF CAMERA &	05EM05005:Maintenance Administratio			28%	$0	0	0%	0%	0%	100%
600135	RP1-PREC 370 MINI #9GT0T71	06EM05007/03:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600136	TP1-DELL PREC 370MINI #DGT0T7	06EM05007/04:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600137	RP1-D810 M770 LAPTOP #5W20T71	06EM05008/01:RP1 - Primary/Secondar			28%	$0	0	0%	0%	0%	100%
600138	RP1-LAPTOP D810 M770 #8X20T71	06EM05008/02:RP1 - Primary/Secondar			28%	$0	0	0%	0%	0%	100%
600142	RP1-(2)COMMUNICATION KITS	06EM05008/06:RP1 - Primary/Secondar			28%	$0	0	0%	0%	0%	100%
600143	ANALYZER.OPTIVIEW SERIES 2PRO	06EM05015/01:RP1 - Primary/Secondar			28%	$0	0	0%	0%	0%	100%
600144	ANALYZER.OPTIVIEW WKGROUP PRO	06EM05015/02:RP1 - Primary/Secondar			28%	$0	0	0%	0%	0%	100%
600145	RP1-NEW VACTOR/JETTER	06EM06001:Other Maintenance Equip.			28%	$0	0	0%	0%	0%	100%
600147	GEL PLC UPGRD-COGEN CNTRL SYS	06EM06008:RP1 - Energy Recovery			28%	$0	0	0%	0%	0%	100%
600157	DCS LAPTOP PNTUM M780 #FL77V9	06EM06011/01:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600158	DCS LAPTOP-PNTUM M780 #HL77V9	06EM06011/02:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600159	DCS LAPTOP-PNTUM M780 #3M77V9	06EM06011/03:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600160	DCS LAPTOP-PNTUM M780 #6M77V9	06EM06011/04:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600161	DCS LAPTOP-PNTUM M780 #9M77V9	06EM06011/05:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600162	DCS LAPTOP-PNTUM M780 #FM77V9	06EM06011/06:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600163	6 GAS FLOW & KW MTRS	06EM06014:RP1 - Energy Recovery			28%	$0	0	0%	0%	0%	100%
600176	RP1 AUTO PANEL FLEXING SYST	05EN02003:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600177	TP1 PH CONTROL SYSTEM	04EN02006:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600181	RP1-REPLACE AERATED GRIT CHMB	04EN03011:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600185	BELT PRESS FILTRATE TRTMNT SY	06EN04020:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600194	RP1 MOTORIZE LAGOON VALVE	01EN20001/01:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600195	RP1 MOTORIZED LAGOON VALVE	01EN20001/02:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600196	RP1 MOTORIZED LAGOON VALVE	01EN20001/03:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600197	RP1 UTILITY WATER PUMP	01EN20038/01:RP4 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
600198	RP1 UTILITY WATER PUMP	01EN20038/02:RP4 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
600200	RP1 DIGESTER SLUDGE CIRC PUMP	97EN92016001:RP1 - Digester Cleaning			28%	$0	0	0%	0%	0%	100%
600205	RP1 DAFT #1 UF/TF EFF MODS	97EN94053001:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600231	RP1-AGENCY SECURITY ENHANCEME	02GS01003/02:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600241	RP1 HEAVY DUTY VIDEO RECORDER	03GS02012/02:Regional Administration			28%	$0	0	0%	0%	0%	100%
600242	TP1-HEAVY DUTY VIDEO RECORDER	03GS02012/03:Regional Interceptors			28%	$0	0	0%	0%	0%	100%
600243	TP1-HEAVY DUTY VIDEO RECORDER	03GS02012/04:Regional Administration			28%	$0	0	0%	0%	0%	100%
600244	HEAVY DUTY VIDEO RECORDERS-SW	03GS02012/05:Regional Administration			28%	$0	0	0%	0%	0%	100%
600245	TP1-PAN & TILT CAMERA SYSTEM	02GS02016:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
600248	RP1-CCTV-1 PAN & TILT CAMERA	02GS02025:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%
600426	RP1-ADDL WORKSTATION PROCESSO	03IS02006:RP1 - Administration			28%	$0	0	0%	0%	0%	100%
600440	RP1-WORKSTATION-BLOWER BLDG	03IS02019/01:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600441	RP1-WORKSTATION-ENGY RCVRY BL	03IS02019/02:RP1 - Energy Recovery			28%	$0	0	0%	0%	0%	100%
600442	RP1-WORKSTATION-CEM BLDG	03IS02019/03:Maintenance Facility-Nor			28%	$0	0	0%	0%	0%	100%
600444	RP1-CONTROL PROCESSORS REPLMN	03IS02021/01:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600445	RP1-CONTROL PROCESSORS RPLCMN	03IS02021/02:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600455	RP1-PWRDG4210 CNT PROC#JB4K03	06IS03011/01:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600456	RP1-PWRDG4210 CNT PROC#JW4943	06IS03011/02:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600457	RP1 (2) SYSTEM REDUNDNCY MOD	06IS03011/03:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600458	RP1-CISCO CATALYST 2955 12PT	06IS03011/06:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600459	RP1(2)CISCO CATALYST 3550 12P	06IS03011/07:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600460	RP1(3) ADTRAN DUL-SLOT RTR 1	06IS03011/08:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600461	RP1-CABLE & INSTL -CNTRL PRCS	06IS03011/09:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600462	RP1-1.5MBITE MEM PROCSR & SUP	06IS03011/05:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600579	RP1 ISCO 3700C PROTABLE SAMPL	01IW01002/01:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600580	RP1 ISCO PORABLE SAMPLER	01IW01002/02:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600626	RP1-CLEAN BENCH	06LB06005:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600627	RP1-TURBO VAP	06LB06006:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600628	AUTOSAMPLER-DIONEX UPGRADE	06LB06007:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600629	2ND MFC DRCII NO GETTERKIT-DR	06LB06008:Operations Center RP-1			28%	$0	0	0%	0%	0%	100%
600643	AUTO LUBE FOR SCREEN PUMP	9500132:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
600651	MUFFIN MNSTR#10305-4 ADDL COS	04OA03003/A:RP1 - Solids Handling			28%	$0	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600652	RP1-SLUDGE GRINDER	03OA03003:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600653	RP1-GRAVITY THICKENER FLOW MT	04OA03004/A:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600654	RP1-GRAVITY THICKENER FLOW ME	03OA03004:RP1 - Digester Cleaning			28%	$0		0%	0%	0%	100%
600655	RP1-STANDY GRAVITY THKNER PUM	03OA03005:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600656	DAFT FLOW METER-ADD'L COST	04OA03006/A:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600657	RP1-DAFT FLOW METER	03OA03006:RP1 - Digester Cleaning			28%	$0		0%	0%	0%	100%
600659	PRADO DECHLOR-REPL FLOW METER	9600029:Prado Dechlorination Station			28%	$0		0%	0%	0%	100%
600660	RP1 SLUDGE GRINDER	97OA95004001:RP1 - Primary/Secondar			28%	$0		0%	0%	0%	100%
600663	TP1 FILTER DRAIN VALVES	98OA97002001:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600664	RP1 ONE SAMPLE UNIT	98OA98001001:RP1 - Primary/Secondar			28%	$0		0%	0%	0%	100%
600713	WORTHINGTO RECIR PUMP-GAS ENG	OLD00391:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600715	2.2M BELT PRESS	OLD00534:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600716	SLUDGE GRINDER - RP1	OP92024Z:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600717	GATE-INFL. SCUM BG1	OLD00690:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600718	GATE-INFL. SCUM BG15	OLD00689:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600719	16IN DIAM GATE-INFL. BG2	OLD00688:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600720	16IN DIAM GATE-INFL. BG3	OLD00687:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600721	16IN DIAM GATE-INFL. BG4	OLD00686:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600722	16IN DIAM GATE-INFL BG5	OLD00685:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600723	16IN DIAM GATE-INFL BG6	OLD00684:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600724	16IN DIAM GATE-INFL BG7	OLD00683:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600725	16IN DIAM GATE-INFL. BG8	OLD00682:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600726	16IN DIAM GATE-INFL. BG9	OLD00681:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600727	16IN DIAM GATE-INFL. BG10	OLD00680:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600728	12IN X 18IN GATE-INFL. BG11	OLD00691:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600729	16IN DIAM. GATE-INFL. BG12	OLD00692:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600730	MAG. METER-SLUDGE BM1	OLD00694:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600731	DENS. METER-SLUDGE BM2	OLD00695:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600732	BAL. PIPE FITTINGS. & VALVES	OLD00713:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600733	100/56 HP 2 SPEED U S MOTOR	OLD00744:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600734	SLUDGE COLLECTOR #1 EME1	OLD00775:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600735	SLUDGE COLLECTOR #2 EME2	OLD00774:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600736	SLUDGE COLLECTOR #3 EME3	OLD00773:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600737	SLUDGE COLLECTOR #4 EME4	OLD00772:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600739	R.A.S. PUMP FP1	OLD00796:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600740	R.A.S. PUMP FP2	OLD00795:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600741	R.A.S. PUMP FP3	OLD00794:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600742	R.A.S. PUMP FP4	OLD00793:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600743	R.A.S. PUMP FP5	OLD00792:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600744	R.A.S. PUMP FP6	OLD00791:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600745	W.A.S. PUMP FP7	OLD00799:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600746	W.A.S. PUMP FP8	OLD00798:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600747	W.A.S. PUMP FP9	OLD00797:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600748	CENTRIFUGAL BLOWER BME6	OLD01046:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600749	CENTRIFUGAL BLOWER BME7	OLD01045:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600750	CENTRIFUGAL BLOWER DME17	OLD01048:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600751	CENTRIFUGAL BLOWER DME18	OLD01047:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600752	WEIRS AND LAUNDERS	OLD01130:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600753	SLUDGE COLLECTOR @ #4 BME2	OLD01132:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600754	SLUDGE COLLECTOR @ #5 BME1	OLD01138:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600755	SLUDGE COLLECTOR @ #6 BME1	OLD01137:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600756	SLUDGE COLLECTOR @ #7 BME1	OLD01136:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600757	SLUDGE COLLECTOR @ #8 BME1	OLD01135:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600758	SLUDGE COLLECTOR @ #9 BME1	OLD01134:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600759	SLUDGE COLLECTOR @ #10 BME	OLD01133:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600760	SCUM COLLECTOR @ #4 BME5	OLD01140:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600761	SCUM COLLECTORS @ #5 BME	OLD01146:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600762	SCUM COLLECTOR @ #6	OLD01145:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600763	SCUM COLLECTOR @ #7 BME1	OLD01144:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600764	SCUM COLLECTORS @ #8 BME1	OLD01143:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600765	SCUM COLLECTORS @ #9 BME1	OLD01142:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600766	SCUM COLLECTORS @ #10 BME	OLD01141:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600767	MISC. EQUIPMENT	OLD01175:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600768	INSTRUMENTATION	OLD01179:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600769	PNEUMATIC OPERATORS B	OLD01209:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600770	PNEUMATIC OPERATORS B	OLD01202:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600771	PNEUMATIC OPERATORS B	OLD01201:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600772	PNEUMATIC OPERATORS B	OLD01200:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600773	8" MANUAL PLUG VALVE BP	OLD01211:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600774	30" C.I. SLUICE GATE MG1	OLD01248:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600775	8" ECCENTRIC PLUG VALVE-SCUM	OLD01251:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600776	8" ECCENTRIC PLUG VALVE-SCUM	OLD01250:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600779	100 AMP. 440 VOLT SWITCHES-AE	MT91036:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600780	REPLACE DORR-OLIVER PUMPS	MT91048:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600781	REBUILD RAS PUMPS	MT91050:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600782	OVERHAUL AIR BLOWER	MT92080:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600783	HDWKS POYMER FEED SYS	OP92017:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600784	RAG COMPACTOR	OP92016:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600785	SUMP PUMP SYS C METER VAULT	OP92018:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600786	PRIMARY CLARIFIER VALVE	MT92084:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600787	AERATION BASIN BAFFLES	OP92072:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600788	WEIS BY PASS VALVE - TP1	OP92028Z:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600789	TRICKLING FILTER VALVE - RP1	OP91048Z:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600790	SIZE 3 WINKLEPRESS	OLD01287:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600797	MAGNETIC FLOW METER	MT92071:Prado Lift Station (CIW)			28%	$0		0%	0%	0%	100%
600885	CONCRETE SLAB FOR PALLET RACK	MT92088:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600887	(9) MODEL B 4 WHEEL ELEC BURD	OLD04981:RP1 - Administration			28%	$0		0%	0%	0%	100%
600889	KENWORTH TRUCK/LOADING EQUIPM	OLD05108:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600893	3 TAYLOR DUNN MODEL B 4-WHEEL	OLD05360:Regional Administration			28%	$0		0%	0%	0%	100%
600894	J.D. 544B TRACTOR/LOADER S.H.	OLD05368:District Fleet Expense			28%	$0		0%	0%	0%	100%
600900	RP1-IMPELLERS-PUMPS CCW ROTAT	02PA01001/01:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600901	RP1-IMPELLERS-PUMPS CCW ROTAT	02PA01001/02:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600902	RP1-IMPELLERS-PUMPS CCW ROTAT	02PA01001/03:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600903	RP1-IMPELLERS-PUMPS CW ROTATI	02PA01001/04:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600904	RP1-IMPELLERS-PUMPS CW ROTATI	02PA01001/05:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600905	RP1-IMPELLERS-PUMPS CW ROTATI	02PA01001/06:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600907	R1/RP4 CYLINDER HEAD HYDRAULI	01PA01007:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
600921	RP1-DIGESTER GAS MIXER BLOWER	03PA02013:RP1 - Digester Cleaning			28%	$0		0%	0%	0%	100%
600924	RP1-LAGOON CLEANING PUMP	02PA02019:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600925	RP1-DECHLORINATION SAMPLE PUM	02PA02021/01:Cucamonga Creek Dechl			28%	$0		0%	0%	0%	100%
600926	RP1-DECHLORINATION SAMPLE PUM	02PA02021/02:Cucamonga Creek Dechl			28%	$0		0%	0%	0%	100%
600927	RP1-DECHLORINATION SAMPLE PUM	02PA02021/03:Cucamonga Creek Dechl			28%	$0		0%	0%	0%	100%
600928	TP1-FLOCCULATOR DRIVES-REDUCE	02PA02022/01:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600929	TP1-FLOCCULATOR DRIVES-REDUCE	02PA02022/02:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600930	TP1-FLOCCULATOR DRIVES-REDUCE	02PA02022/03:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600935	RP1-DIGESTER PUMP ROTOR-ROPER	02PA02024/05:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600936	RP1-DIGESTER PUMP STATOR	02PA02024/06:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600937	RP1-DIGESTER PUMP STATOR	02PA02024/10:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600941	RP1-PUMP FOR DIGESTER PROCESS	02PA02087:RP1 - Digester Cleaning			28%	$0		0%	0%	0%	100%
600943	RP1-DATA LOGGER & PROCESS CAL	03PA03005:RP1 - Energy Recovery			28%	$0		0%	0%	0%	100%
600947	RP1 REBUILD IPS PUMPS 1,2 & 3	06PA03011:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600948	RP1-REBLD/REPLC DEWTR HOPPER	06PA03014:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600951	TP1-REPLACE FLOCCULATOR	03PA03018/01:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600952	TP1-REPLACE FLOCCULATOR	03PA03018/02:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600953	TP1-REPLACE FLOCCULATOR	03PA03018/03:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600954	APPL WKSTN-ULTRASPA UPGRADE	06PA03020/01:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600955	APPL WKSTN-ULTRASPA UPGRADE	06PA03020/02:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600956	RP1 (3) FOXBORO AW STN UPGRDE	06PA03021/01:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600958	RP1 (4)FOXBORO SFTWR V7.X UPG	06PA03022:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600962	TP1-CHEMICAL MIXER	04PA03024:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600963	1FDYW80U8GVA48289 U2RP1-CRANE	04PA03025:Operations Center RP-1			28%	$0		0%	0%	0%	100%
600966	2 TP1 FLOCCULATORS	04PA04010:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600967	RP1-HOT WTR ISOLATION VALVES	04PA04011:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600968	TP1 UNINTERRUPTIBLE POWER SPL	05PA04012:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
600969	RP1/RP2 PORTABLE GAS MONITOR	04PA04013:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600970	RP1/RP2 VIDEO SCOPE & TECHNOP	04PA04014:RP1 - Energy Recovery			28%	$0		0%	0%	0%	100%
600973	RP1 MAINT BANK SAW REPL	05PA05001:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
600974	RP1 PNEUMATIC LINE PLUGS	05PA05002:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
600975	PMP,STATOR-DIG#402 1450.1 PE/	06PA05007/01:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600976	PMP,ROTR-DIG#401 SEP 1450.1TS	06PA05007/02:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600977	PMP,STTR-DIG#C820KC/MOYNO 200	06PA05007/03:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600978	PMP,ROTR-DIG#C72IKX-MOYNO 200	06PA05007/04:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600979	PMP,ROTR-DIG#SBLN-11-2525(LZR	06PA05007/05:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600980	PMP,STTR-DIG #NITRILE RRLN112	06PA05007/06:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600981	PMP,ROTOR-DIG#C72GH1-MOYNO	06PA05007/07:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600982	REBLD GAS COMPRESSOR @ ERB	06PA05008:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600983	RP1-12KV METERS TESTING	06PA05009:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
600996	REBLD IPS PUMPS 4 & 5	06PA06009:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601015	RP1 SAMPLER HEAD REPL	05PB05001/01:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601016	RP1 SAMPLER HEAD REPL	05PB05001/02:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601017	RP1 SAMPLER HEAD REPL	05P805001/03:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601018	RP1 SAMPLER HEAD REPL	05P805001/04:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601019	RP1 SAMPLER HEAD REPL	05P805001/05:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601479	CORROSION PROTECTION				28%	$0	0	0%	0%	0%	100%
601593	REPL LIGHTING FIX-FILTER BANK	9500083:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601594	LEVEL TRANSMITTERS/TP1 FILTER	9500085:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601595	TP1 REPL OF SURFACE WASH VALV	9500176:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601596	TP1 REPL ALUM. PUMP	9500178:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601597	TP1 FILTERS PIPE GALLERY MOD	9500154:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601598	TP1 CHLOR. ANGLE VALVE REPAIR	9500163:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601599	2" COMB.AIR RLF VLV-RIVERSIDE	OLD00205:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601600	2" C.A.R.VALVE-CHINO AVE. - E	OLD00206:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601601	2" C.A.R.VALVE- CHINO AVE. -	OLD00207:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601602	1" C.A.R.VALVE CARPENTER - NO	OLD00208:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601603	2" C.A.R.VALVE - CARPENTER -	OLD00209:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601604	2" C.A.R.VALVE -CARPENTER S O	OLD00210:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601605	3" C.A.R.VALVE - REMINGTON	OLD00211:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601606	2" C.A.R.VALVE - PINE AVE.	OLD00212:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601607	TP1 STANDBY GENERATOR	OLD05125:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601608	ELECTRICAL WORK & MOTOR CONTR	OLD02038:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601609	FLOCCULATORS	OLD02128:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601610	BUTTERFLY VALVES	OLD02140:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601611	METERS & INSTRUMENTATION	OLD02146:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601612	ELECT. WORK & MOTOR CONTROL	OLD02148:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601615	ELECT. AND INSTRUMENT.	OLD02181:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601617	AIR COMPRESSOR	OLD02279:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601618	ELECT. AND INSTRUMENT.	OLD02295:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601619	ELECT. AND INSTRUMENT.	OLD02304:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601620	ELECT. AND INSTRUMENT.	OLD02350:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601622	REPLACE MOTOR STARTERS	MT91233:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601627	ROTARY SURFACE WASHERS-2B	OLD02235:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601629	FIBERGLAS WEIR PLATES & TROUG	OLD02236:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601630	6 IN. LIQUID VORTEX METER TM4	OLD02237:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601631	30 IN. VENTURI METER TM8	OLD02238:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601632	30 IN BUTTERFLY VALVE TBV9	OLD02242:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601633	42 IN BUTTERFLY VALVE TBV10	OLD02243:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601634	30 IN BUTTERFLY VALVE TBV19	OLD02244:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601635	24 IN BUTTERFLY VALVE TBV20	OLD02245:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601636	30 IN BUTTERFLY VALVE TBV21	OLD02246:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601637	20 IN. BUTTERFLY VALVE TVB23	OLD02248:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601638	20 IN. BUTTERFLY VALVE TVB24	OLD02249:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601639	20 IN. BUTTERFLY VALVE TVB26	OLD02251:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601640	20 IN. BUTTERFLY VALVE TVB27	OLD02252:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601641	20 IN. BUTTERFLY VALVE TVB29	OLD02254:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601642	20 IN. BUTTERFLY VALVE TVB30	OLD02255:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601643	20 IN. BUTTERFLY VALVE TVB32	OLD02257:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601644	20 IN. BUTTERFLY VALVE TVB33	OLD02258:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601645	20 IN. BUTTERFLY VALVE TVB35	OLD02260:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601646	20 IN. BUTTERFLY VALVE TVB36	OLD02261:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601647	20 IN. BUTTERFLY VALVE TVB38	OLD02263:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601648	20 IN. BUTTERFLY VALVE TVB39	OLD02264:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601649	12 IN. BUTTERFLY VALVE TVB40	OLD02265:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601650	30 IN. BUTTERFLY VALVE TVB50	OLD02266:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601651	SMALL PIPE, VALVES & FITTINGS	OLD02268:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601652	VERTICAL-NON CLOG PUMP TP12	OLD02276:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601653	VERTICAL NON CLOG PUMP TP13	OLD02277:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601654	SUBMERS. NON CLOG PUMP TP14	OLD02278:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601655	6 IN MAG. METER TM6	OLD02280:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601656	24 IN. BUTTERFLY VALVE TBV49	OLD02290:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601657	30 IN. BUTTERFLY VALVE TBV50	OLD02291:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601659	40 GPM NON CLOG PUMP TP17	OLD02299:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601660	36 IN. VENTURI METER TM1	OLD02300:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601661	BUTTERFLY VALVE 12" PNEU TBV	OLD02374:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601662	BUTTERFLY VALVE 20" TBV 52	OLD02375:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601663	BUTTERFLY VALVE 20" MAU. TBV	OLD02376:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601664	FILTER SURFACE EQUIPMENT	OLD02377:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601665	BUTTERFLY VALVE 12" PNEU. TBV	OLD02380:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601666	BUTTERFLY VALVE 20" TBV 55	OLD02381:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601667	BUTTERFLY VALVE 20" MAN. TBV	OLD02382:RP1 - Tertiary			28%	$0	0	0%	0%	0%	100%
601668	FILTER SURFACE EQUIPMENT	OLD02383:RP1 - Tertiary			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601669	BUTTERFLY VALVE 12" PNEU. TBV	OLD02386:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601670	BUTTERFLY VALVE 20" TBV 58	OLD02387:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601671	BUTTERFLY VALVE MAN. TBV 59	OLD02388:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601672	FILTER SURFACE EQUIPMENT	OLD02389:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601673	6" MAG FLOW TUBE METER-NEW TM	OLD02240:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601674	WATER METER FOR ONGC	OLD02170:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601676	WATER METER FOR ONGC	OLD02168:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
601677	REPLACE SLUDGE PUMP	MT91055:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
700005	RP1-WESTERN MULE BMPR	06EC06012:Regional Administration			28%	$0		0%	0%	0%	100%
700025	2001 ELECTRIC VEHICLE	04OA03D07:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
700031	RP1 1985 FORD #8	OLD05366:District Fleet Expense			28%	$0		0%	0%	0%	100%
700072	SLUDGE TRUCK REPAIR	05PA04019:RP1 - Solids Handling			28%	$0		0%	0%	0%	100%
700073	ELECTRICAL CART #167281	06PA06021/01:Maintenance Facilitiy-Nc			28%	$0		0%	0%	0%	100%
700074	ELECTRICAL CART #167282	06PA06021/02:Maintenance Facilitiy-Nc			28%	$0		0%	0%	0%	100%
900000	RP1- (2) RSLOGIX SOFTWARE	06EM05008/07:RP1 - Primary/Secondar			28%	$0		0%	0%	0%	100%
900001	10 LIC-CONCEPT SFTWRE-PLC POR	06EM06011/07:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
900014	RP1-RSLOGIX SOFTWARE	06IS03011/04:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
900118	RP5-TIME SYNCHRONIZATION SFTWR				28%	$0		0%	0%	0%	100%
300207	RP1 PERMANENT MIXED LIQUID PM	00EN96051:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300208	RP2-ANALYZER,CHLORTROL 5000 R	02PA02011/02:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
300209	RP2-CLARIFIER SWEEP ARM REPL	04PB02008:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300212	RP2 CONVERT OZONE BLDG TO MAN	97MA95001:Maintenance Facilitiy-Nortl			28%	$0		0%	0%	0%	100%
300214	INSTALL 4 MIXERS AT RP2	9500141:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300216	RP2 GRITS SYSTEM	9600022:Grit & Screen Equip.			28%	$0		0%	0%	0%	100%
300218	RP2-PRIMARY CLARIFIER DRIVE P	02PA02025:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300220	RP2 DIGESTER COVER COATING	04EN02024:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300222	RP2 OPERATN RELIBLTY PHASE II	97EN95006001:RP2 - Primary/Secondar			28%	$0		0%	0%	0%	100%
300223	POLYMER FEED SYSTEM REPLACEMN	97OA96004001:RP2 - Primary/Secondar			28%	$0		0%	0%	0%	100%
300224	BELT PRESS POLYMER FEED SYS	98PB97001001:RP2 - Primary/Secondar			28%	$0		0%	0%	0%	100%
300225	PAINTING/COATING-PRIM CLAR	OLD01497:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300226	PAINTING/COATING-ACT SLUDGE	OLD01498:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300227	PAINTING/COATING-SEC CLAR	OLD01499:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300228	PAINTING/COATING-SLUDGE THICK	OLD01500:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300229	PAINTING/COATING-BUILDINGS	OLD01501:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300256	ALL BUILDINGS SHARED	OLD01701:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300295	TP2 SODIUM BISULFATE FEED SYS	97OB96003001:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
300297	12 MANHOLES-CHINO CREEK	OLD00087:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300298	2 MANHOLES-AIRPORT AVE.	OLD00088:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300299	2 MANHOLES-PHILLIPS AVE.	OLD00089:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300300	RP2 STORM WATER CONTROL	9500121:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300301	CHINO CREEK - EMERGENCY REPAI	9500125:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300310	RP2 SPARE GEARBOX REPLACEMENT	97PB96001001:RP2 - Primary/Secondar			28%	$0		0%	0%	0%	100%
300311	REPLACE RAS SCUM WELL PUMPS	9600014:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
300312	RP2 EROSION CONTROL	9600021:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
300313	RP2 CHINO CREEK RIP RAP	9600023:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300314	TP2 TERTIARY FILTER CONTROL	9600025:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
300315	APPLY BASE MATL -STRG BASIN R	9500140:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300316	LOS SERRANOS SEWER SIPHON REP	9500186:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300318	HOURS METER	9600030:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300321	EARTHWORK-EXCAVATION-GRIT CHA	OLD01475:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
300322	EARTHWORK-EXCAVATION-SCREEN	OLD01476:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300323	EARTHWORK-SLUDGE BED MEDIA	OLD01477:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300324	EARTHWORK-EXCAVATION-PRIM CLA	OLD01478:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300325	EARTHWORK-EXCAVATION-ACT SLUD	OLD01479:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300326	EARTHWORK-EXCAVATION-SEC. CAL	OLD01480:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300327	EARTHWORK-EXCAVATION-BUILDING	OLD01481:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300328	EARTHWORK-BACKFILL-GRIT CHAMB	OLD01482:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300329	EARTHWORK-BACKFILL-SCREEN	OLD01483:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300330	EARTHWORK-BACKFILL-PRIM CLAR	OLD01484:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300331	EARTHWORK-BACKFILL-ACT SLUDGE	OLD01485:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300332	EARTHWORK-BACKFILL-SEC. CLAR	OLD01486:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300333	EARTHWORK-BACKFILL-BUILDING	OLD01487:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300334	PAINTING/COATING-GRIT CHAMBER	OLD01495:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300335	PAINTING/COATING-SCREEN/COMMI	OLD01496:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300336	PAINTING/COATING-OFFICE	OLD01502:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300357	IRRIGATION SYSTEM-SHARED	OLD01703:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300358	PLANTINGS SHARED	OLD01704:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300359	MISC. C/O ITEMS-PRIM CLAR	OLD01706:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300360	MISC. C/O ITEMS-ACT SLUDGE	OLD01707:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
300361	MISC. C/O ITEMS-SEC. CLAR	OLD01708:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
300362	MISC. C/O ITEMS-SLUDGE THICK	OLD01709:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400009	RPLC CONDUIT RP2 BASIN	9500068:RP1 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
400041	UPGRADE PRADO DECHLOR STATION	EN91011:Prado Dechlorination Station			28%	$0	0	0%	0%	0%	100%
400055	RP2/CCWRP H2S MITIGATION	9500115:RP2/CCWRF - Administration			28%	$0	0	0%	0%	0%	100%
400056	RP2 RELIAB. IMPROVEMENT	9500116:RP2/CCWRF - Administration			28%	$0	0	0%	0%	0%	100%
400187	CIW PRADO LIFT STAT STRUCTURE	OLD00071:RP2 - Primary/Secondary			28%	$0	0	0%	0%	0%	100%
400298	SLUDGE DRY BED SYSTEM	OLD01384:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400299	SECONDARY CLARIFIER #1 EIMCO	OLD01386:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400300	SECONDARY CLARIFIER #2 EIMCO	OLD01385:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400301	DIGESTER #1 55 FT. DIAM.	OLD01389:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400302	DIGESTER #2 55 FT. DIAM.	OLD01390:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400303	3-V WINKLEPRESS SLDE DWTR	OLD01753:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400312	RP2 COGENERATION ENGINE	EN91055:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
400314	LAND IMPROVEMENTS	EN91055:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
400315	SIGNAL WIRING - RP2	MT91071:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400316	AERATION BSAIN REACTIVATION	T591002:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400317	EMERGENCY LIGHTING	MT91085:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400318	SAFTY RAILS & KICK PLATES	MT91086:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400390	REPAIR RP2 CHEM. BLDG ROOF	9500080:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400413	NEW ASPHALTA AREA - RP2	9500147:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400415	INSTALL LANDSCAPE - RP2	9500148:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400416	SAFETY CAGE FOR LADDERS - RP2	9500149:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400651	EMERG REHAB-PRADO DECHLOR	9500084:Prado Dechlorination Station			28%	$0		0%	0%	0%	100%
400652	STAIRWAY & VENT/TP2 PIPE GALL	9500155:RP1 - Tertiary			28%	$0		0%	0%	0%	100%
400655	GEN. AREA ELECTRICAL	OLD02662:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
400658	ROOF REPAIR	OLD02629:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
400659	12IN.X12IN. C.I. SLUICE GATE	OLD00224:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400660	30IN X 36 IN S.S. SLUICE GATE	OLD00225:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400662	AERATION BASIN 1 MODS - CCWRP	9500124:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600072	RP2-2 PROC PUMP 8196 MTP W/SE	06EA05002:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600091	RP2 WORKSTATION	04EB03001/03:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600092	RP2 WORKSTATION	04EB03001/04:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600097	RP2 PLC NETWORK TO DCS	05EB04003/04:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600098	RP2 PLC NETWORK TO DCS	05EB04003/05:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600099	RP2 PLC NETWORK TO DCS	05EB04003/06:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600100	RP2 PLC NETWORK TO DCS	05EB04003/07:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600103	3 RP2 FLOW METER REPLACEMENT	04EB04006:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600108	RP2-CONTROL BLDG HVAC UNITS	06EB05001:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600139	RP2-LAPTOP D810 M770 #9X20T71	06EM05008/03:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600140	RP2 LAPTOP D810 M770 #CX20T71	06EM05008/04:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600165	RP2 REPLACE HVAC-MAIN OFFICE	9500069:RP1 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600184	RP2-ENGINE RM VENTILATION SYS	04EN03025:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600203	RP2 LOW NOX BURNER	97EN93017001:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600218	TABLE TOP 20" MONITOR CF36191	00EN98008/02:RP2/CCWRF - Administra			28%	$0		0%	0%	0%	100%
600240	RP2 HEAVY DUTY VIDEO RECORD	03GS02012/01:Regional Administration			28%	$0		0%	0%	0%	100%
600247	RP2-CCTV PANT & TILT CAMERA	02GS02023:RP5 - Administration			28%	$0		0%	0%	0%	100%
600670	RP1 DOMESTIC WELL PUMP REPLCM	01OB01002:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
600676	RP2 ISCO 9700 FR REGREARTOR(2	00OB20001:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600678	GAS SYSTEM PRESSURE SENSOR RP	97OB96002001:RP2 - Primary/Secondar			28%	$0		0%	0%	0%	100%
600679	MICAROWAVE TSS/TVS ANALYZER	97OB97001001:RP2 - Primary/Secondar			28%	$0		0%	0%	0%	100%
600687	RP2/RP5 FORKLIFT-TOWMOTOR I/C	04OE04002:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
600690	STANDBY GENERATOR	OLD00073:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600791	8" MAG FLOW METER M-1	OLD01778:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600792	MODIFICATION TO WAS PUMPS	OLD01829:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600793	STANDBY EMERG GENERATOR	MT91083:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
600794	CATERPILLER FORKLIFT	OP92068:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
600888	TRINOCULATOR MICROSCOPE	OLD05071:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
600895	J.D. 401 C TRACTOR/LOADER-R.	OLD05373:Regional Administration			28%	$0		0%	0%	0%	100%
600896	JO 644E LOADER	OLD05381:Regional Administration			28%	$0		0%	0%	0%	100%
600912	RP2-DAFT PUMP-SOLID	02PA02006:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600914	RP2-THERMAL MASS GAS METER	02PA02010/01:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600915	RP2-THERMAL MASS GAS METER	02PA02010/02:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600916	RP2-THERMAL MASS GAS METER	02PA02010/03:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600917	RP2-THERMAL MASS GAS METER	02PA02010/04:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
600918	RP2-ANALYZER.CHLORTROL 5000 R	02PA02011/01:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
600997	SUCTION BELL FOR FLOWAY PUMP	00PA20001/01:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600998	SUCTION BELL FOR FLOWAY PUMP	00PA20001/02:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601004	RP2 RECYLE FLOW PUMP	01PB01001:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
601009	RP2 3 TAS PUMP REPLACEMENT	04PB04004:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
601010	RP2 DAFT PRESSURE PUMP REPLAC	04PB04005:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601011	RP2 BELT PRESS FEED PUMP	04PB04006:RP2 - Solids Handling			28%	$0		0%	0%	0%	100%
601012	RP2/CCW/TIG WELDING MACHINES	04PB04007:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601021	RP2 NASH METHANE GAS COMPRESS	00PB20001/02:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601026	RP2 EQUIPMENT	15EN95028/33:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601623	20 SPRAY NOZZLES	OLD02647:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601624	ELECTRICAL & INSTRUMENT.	OLD02661:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601625	10HP AIR COMPRESSOR	MT91114:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601679	CHEMICAL PUMP-PRADO DECHLOR	9500175:Prado Dechlorination Station			28%	$0		0%	0%	0%	100%
601680	2-6 IN BUTTERFLY VALVES/MTR.	OLD02650:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601681	12 IN. BTTRFLY VALVE V-11	OLD02652:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601682	12 IN. BTTRFLY VALVE V-12	OLD02653:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601683	20 IN. BTTRFLY VALVE V-13	OLD02654:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601684	20 IN. BTTRFLY VALVE V-14	OLD02655:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601685	16 IN. BTTRFLY VALVE V-15	OLD02656:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601686	16 IN. BTTRFLY VALVE V-16	OLD02657:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601687	20 IN. BTTRFLY VALVE V-18	OLD02658:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601688	20 IN. BTTRFLY VALVE V-19	OLD02659:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601689	BUTTERFLY VALVE #BV63 20"	OLD02559:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601690	REBUILD 3 INTAKE PUMPS	MT91115:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601691	REBILD 3 WATER PUMPS	MT91116:RP2 - Tertiary			28%	$0		0%	0%	0%	100%
601692	RP2 PLC NETWORK TO DCS	05EB04003/01:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601693	RP2 PLC NETWORK TO DCS	05EB04003/02:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
601694	RP2 PLC NETWORK TO DCS	05EB04003/03:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
650067	FURNITURE CCWWRP	OP92069:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
900074	RP#2 SERVICE AREA	OLD05565:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
150028	RP3/RP4 LAND ACQUISITION	04EN99005:RP2/CCWRF - Administratio			28%	$0		0%	0%	0%	100%
300009	RP4-TRUNK SEWER	02EN01021:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
400035	RP4 WASHDOWN NOZZLE @ STRG PN	01EN20027/01:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
400036	RP4 WASHDOWN NOZZLE @ STRG PN	01EN20027/02:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
400037	RP4-MOTOR OPERATORS F/2 GATES	04EN20029:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
400112	RP4 ENVIRONMENTAL STUDY	99HENV7001:RP4 - Administration			28%	$0		0%	0%	0%	100%
600030	RP4-FILTER IMPROV FOR TERITAR	02EA01001:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
600031	RP4 SUMP PUMP	01EA01003:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
600130	RP4 MAINT BLDG HVAC	05EM05003:RP4 - Solids Handling			28%	$0		0%	0%	0%	100%
600167	RP4-STANDBY CLIMBER SCREEN &	03EN01012:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
600211	RP4 ENCORE 700 METER PUMP	00EN96043/01:RP4 - Primary / Seconda			28%	$0		0%	0%	0%	100%
600212	RP4 RPII 500 AMPS 208/480 VOL	00EN96043/02:RP4 - Primary / Seconda			28%	$0		0%	0%	0%	100%
600217	RP4 FOXBORO STA. - OUTFALL	99EN97020709:RP4 - Primary / Seconda			28%	$0		0%	0%	0%	100%
600228	RP4-MAIN GATE MOTOR & INTERCO	02GS01001:Maintenance Facility-North			28%	$0		0%	0%	0%	100%
600232	RP4-AGENCY SECURITY ENHANCEME	02GS01003/03:RP4 - Administration			28%	$0		0%	0%	0%	100%
600261	RP4 A/C UNITS ADMIN BLDG (6ea	99HAC7002/7:RP4 - Administration			28%	$0		0%	0%	0%	100%
600262	RP4 A/C-SOLIDS BLDG CONTROL R	99HJAN7001:RP4 - Solids Handling			28%	$0		0%	0%	0%	100%
600266	RP4 ALARM SYSTEM	99HALRM7001:RP4 - Primary / Seconda			28%	$0		0%	0%	0%	100%
600274	RP4 FIRE EXTINQUISHERS	99HFEXT7001:RP4 - Primary / Secondary			28%	$0		0%	0%	0%	100%
600277	RP4 STANDBY GENERATOR	99HGSB7001:RP4 - Primary / Secondary			28%	$0		0%	0%	0%	100%
600285	RP4 PA/PHONE SYSTEMS-COMPLEX	99HJPA7201:RP4 - Administration			28%	$0		0%	0%	0%	100%
600286	RP4 INTERCOM SYSTEM	99HJPA7007/1:RP4 - Administration			28%	$0		0%	0%	0%	100%
600287	RP4 PA/PHONE SYSTEM CENTRIFUG	99HJPA7001:RP4 - Solids Handling			28%	$0		0%	0%	0%	100%
600292	RP4 RAM#140136 LAB EQUIPMENT	99HLBEQ7001:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600293	RP4 MAX ERB INSTRUMENT A 2054	99HLBEQ7002:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600294	RP4 TREDENT DAT SYS#T40286	99HLBEQ7003:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600295	RP4 LAB. MISC. MARK IV COMM.	99HLBEQ7004:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600296	RP4 LABWAVE CEM CORP#38455	99HLBEQ7006:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600297	RP4 GE REFRIGERATOR 21.CF	99HLBEQ7007:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600298	RP4 19" ZENITH COLOR TV	99HLBEQ7008:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600299	RP4 ZENITH 4 HD VCR W/R	99HLBEQ7009:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600300	RP4 MISC. LAB EQUIPMENT	99HLBEQ7010:RP4 - Primary / Secondar			28%	$0		0%	0%	0%	100%
600301	RP4 ISCO REFRIGERATION (2EA)	99HLBEQ7011:RP4 - Administration			28%	$0		0%	0%	0%	100%
600581	ISCO PORT FLOW METER-WSTEWTR	00IW20001:RP4 - Recycled Water			28%	$0		0%	0%	0%	100%
600683	RP4 COMPLIANCE SAMPLER REPL	05OD05001/01:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
600684	RP4 COMPLIANCE SAMPLER REPL	05OD05001/02:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
600685	RP4 COMPLIANCE SAMPLER REPL	05OD05001/03:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
600686	3,000 LBS FORKLIFT - RP4	99OD99001:RP4 - Primary / Secondary			28%	$0		0%	0%	0%	100%
600795	FORCE MAIN FR PUMP HSE TO FON	OLD02010:RP3 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600796	ENGR. FEES-GRNDWTR MONITORING	OLD02011:RP3 - Primary/Secondary			28%	$0		0%	0%	0%	100%
600897	FORD TRACTOR-LOADER	OLD05382:Regional Administration			28%	$0		0%	0%	0%	100%
600898	CATERPILLAR FORKLIFT	OP91037:Regional Administration			28%	$0		0%	0%	0%	100%
600942	PR4-HEADWORKS LOCAL CONTROL S	04PA03003:RP4 - Primary / Secondary			28%	$0		0%	0%	0%	100%
600959	RP4-LAP TOP COMPUTER	03PA03023/01:RP4 - Administration			28%	$0		0%	0%	0%	100%
600960	RP4-LAP TOP COMPUTER	03PA03023/02:RP4 - Administration			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
600961	RP4-LAP TOP COMPUTER	03PA03023/03:RP4 - Administration			28%	$0		0%	0%	0%	100%
600965	RP4-IPS PUMP OVERHAUL	04PA04008:RP4 - Primary / Secondary			28%	$0		0%	0%	0%	100%
600971	RP4 TERTIARY FILTER REPAIRS	05PA04016:RP4 - Tertiary			28%	$0		0%	0%	0%	100%
700027	RP4 1/2T PICKUP TRUCK	05OD05002:RP4 - Primary / Secondary			28%	$0		0%	0%	0%	100%
700097	RP4 TRAILER IERCF	:			28%	$0		0%	0%	0%	100%
900003	TP3 ENVIRONMENTAL IMPACT REPR	97EN91005001:RP3 - Tertiary			28%	$0	0	0%	0%	0%	100%
400451	PUMP-TRNF PUMP-MIX TNK1-WET W	RP5JPMT0820A:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
400452	PUMP-TRNF PUMP-MIX TNK 2-WET	RP5JPMT0820B:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
400453	FILTER RECYCLE PUMP #1	RP5JPRE8403:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
400454	FILTER RECYCLE PUMP #2	RP5JPRE8402:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
400455	FILTER RECYCLE PUMP #3	RP5JPRE8401:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
400456	GRIT PUMP STRUCT SUMP PUMP #1	RP5JPSP8004:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
400457	GRIT PUMT STRUCT SUMP PUMP #2	RP5JPSP8003:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
600985	2 PUMPS-2" SUBMERSIBLE	06PA06003/01:Maintenance Facility-Soi			28%	$0	0	0%	0%	0%	100%
600986	PUMP-6" SELF PRIMING TRASH PU	06PA06003/02:Maintenance Facility-Soi			28%	$0	0	0%	0%	0%	100%
600987	2 PUMPS-4" SELF PRIMING TRASH	06PA06003/03:Maintenance Facility-Soi			28%	$0	0	0%	0%	0%	100%
601027	MICROWAVE	RP513835:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601028	DISSOLVED OXYGEN ANALYZER	RP527376:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601029	SAMPLER	RP5363752006:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
601030	SAMPLER	RP5363752004:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
601031	SAMPLER	RP5363752003:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
601032	SAMPLER	RP5363752002:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
601033	SAMPLER	RP5363752001:RP5 - Primary / Seconda			28%	$0	0	0%	0%	0%	100%
601034	SAMPLER	RP5363750005:RP5 - Primary / Seconda			28%	$0		0%	0%	0%	100%
601035	Z-CHLOR CTR ZERO DECHLOR ANLZ	RP55456/01:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601036	ZCHLOR CTR ZERO DECHLOR ANA	RP55456/02:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601037	SUBMERSIBLE PUMP	RP5BPLS4042:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601038	SUBMERSIBLE PUMP	RP5BPLS4041:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601039	SUBMERSIBLE PUMP	RP5BPLS4043:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601040	CHLORTROL 5000 RESIDUAL ANA	RP5CF3600/01:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601041	CHLORTROL 5000 RESIDUAL ANA	RP5CF3600/02:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601042	CHLORTROL 5000 RESIDUAL ANA	RP5CF3600/03:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601043	CHLORTROL 5000 RESIDUAL ANA	RP5CF3600/04:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601044	BLOWER AERATION 1A	RP5JBA8052:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601045	BLOWER AERATION 1B	RP5JBA8051:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601046	PANEL LC. BOILERS (SO BOILER	RP5JPL8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601047	PANEL LC. BOILERS (SO BOILER	RP5JPL8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601048	PRIMARY POLYMER BLENDER 1A	RP5JBP8402:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601049	PREMARY POLYMER BLENDER 1B	RP5JBP8401:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601050	TERTIARY POLYMER BLENDER 1A	RP5JBP8022:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601051	TERTIARY POLYMER BLENDER 2A	RP5JBP8021:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601052	MECHANICAL BAR SCREEN-1C	RP5JGBI8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601053	MECHANICAL BAR SCREEN-1B	RP5JBS8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601054	MECHANICAL BAR SCREEN	RP5JBS8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601055	COMPRESSOR AIR	RP5JCA8401:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601056	FILTER/PLANT AIR COMPRESSOR #	RP5JCA8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601057	FILTER/PLANT AIR COMPRESSOR #	RP5JCA8402:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601058	AERATION BLOWER LOCAL CN PANE	RP5JPCP8040:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601059	AERATION BLOWER 1A LC PANEL	RP5JPFC8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601060	AERATION BLOWER 1B L CN PANEL	RP5JMCP80501:RP5 - Primary / Seconda			28%	$0		0%	0%	0%	100%
601061	TERTIARY FILTER CONTROL PANEL	RP5JHC8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601062	SCREENINGS CONVEYOR	RP5JCS8001/1:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601063	SCREENINGS CONVEYOR	RP5JCS8001/2:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601064	PRIMARY CLARIFIER 4 DRIVE	RP5JSSC8058:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601065	PRIMARY CLARIFIER 3 DRIVE	RP5JSSC8057:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601066	SECONDARY CLARIFIER DRIVE 3A	RP5JSSC8056:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601067	SECONDARY CLARIFIER DRIVE 3B	RP5JSSC8055:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601068	SECONDARY CLARIFIER DRIVE 4A	RP5JDSC8058:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601069	SECONDARY CLARIFIER DRIVE 4B	RP5JDSC8057:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601070	EXHAUST FAN	RP5JFSR8051:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601071	FAN EXHAUST	RP5JFSR8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601072	FAN EXHAUST	RP5JFES8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601073	FAN, EXHAUST (WEST)	RP5JFES8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601074	FAN, EXHAUST (EAST)	RP5JFES8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601075	EXHAUST FANS	RP5JFER8052:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601076	EXHAUST FANS	RP5JFER8051:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601077	BIOFILTER FAN #1A	RP5JFER8006:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601078	BIOFILTER FAN #1B	RP5JFER8005:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601079	BIOFILTER #1C	RP5JFER8004:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601080	VERTICAL FLOCCULATOR	RP5JFLO8408:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601081	VERTICAL FLOCCULATOR	RP5JFLO8407:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601082	VERTICAL FLOCCULATOR	RP5JFLO8406:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601083	VERTICAL FLOCCULATOR	RP5JFLO8405:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601084	SUPPLY FAN	RP5JFER8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601085	SUPPLY FAN	RP5JFER8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601086	BAR SCREEN INLET GATE 1	RP5JBS8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601087	BAR SCREEN INLET GATE 1B	RP5JGBO8003:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601088	BAR SCREEN INLET GATE 1C	RP5JGBO8002:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601089	BAR SCREEN OUTLET GATE 1A	RP5JGSI8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601090	BAR SCREEN OUTLET GATE 1B	RP5JGBI8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601091	BAR SCREEN OUTLET GATE 1C	RP5JGBI8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601092	GRIT BASIN OUTLET GATE 1B	RP5JGK8021:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601093	GRIT BASIN OUTLET CONN GATE 1	RP5JGGO8003:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601094	AERATION BASIN INLET GATE	RP5JGGO8002:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601095	PRIMARY SLUDGE GRINDER #4	RP5JGSC8022:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601096	PRIMARY SLUDGE GRINDER #5	RP5JGS8026:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601097	PRIMARY SLUDGE GRINDER #6	RP5JGS8025:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601098	PRIMARY SCUM GRINDER	RP5JGS8024:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601099	PRIM SPLITR STRUC INLET GATE1	RP5JGSO8001:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601100	PRIM SPLTR STRUC INLET GATE 1	RP5JGSI8004:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601101	PRIMARY SPLITTER INLET GATE 1	RP5JGBO8001:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601102	PRIM SPLTR STRUC INLET GATE 1	RP5JGSI8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601103	PRIM SPLTR STRUC OUTLT GATE 1	RP5JGSI8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601104	PRIM SPLTR STRUC OUTLT GATE 1	RP5JGSO8004:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601105	PRIM SPLTR STRUC OUTLT GATE 1	RP5JGSO8003:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601106	PRIM SPLTR STRUC OUTLT GATE 1	RP5JGSO8002:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601107	PRIMARY EFFLUENT DIV WEIR GAT	RP5JGW8021:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601108	PANEL 3-PHASE	RP5JCP8401:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601109	ANOXIC ZONE MIXER 3A1A	RP5JMCD8403:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601110	ANOXIC ZONE MIXER 3A1B	RP5JMA8084:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601111	ANOXIC ZONE MIXER 3A1B	RP5JMA8085:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601112	ANOXIC ZONE MIXER 3A2A	RP5JMA8083:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601113	ANOXIC ZONE MIXER	RP5JMA8082:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601114	ANOXIC ZONE MIXER 3A3A	RP5JMA8081:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601115	ANOXIC ZONE MIXER 3B1A	RP5JMA8080:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601116	ANOXIC ZONE MIXER 3B1B	RP5JMA8079:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601117	ANOXIC ZONE MIXER 3B1B	RP5JMA8078:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601118	ANOXIC ZONE MIXER 3B2A	RP5JMA8077:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601119	ANOXIC ZONE MIXER 3B2B	RP5JMA8076:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601120	ANOXIC ZONE MIXER 3C1A	RP5JMA8075:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601121	ANOXIC ZONE MIXER 3C1B	RP5JMA8074:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601122	ANOXIC ZONE MIXER 3C2A	RP5JMA8073:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601123	ANOXIC ZONE MIXER 3C2B	RP5JMA8071:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601124	ANOXIC ZONE MIXER 4B2B	RP5JMA8072:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601125	ANOXIC ZONE MIXER 3D1A	RP5JMA8070:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601126	ANOXIC ZONE MIXER 3D1B	RP5JMA8066:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601127	ANOXIC ZONE MIXER 4A1A	RP5JMA8065:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601128	ANOXIC ZONE MIXER 4A1B	RP5JMA8064/1:RP5 - Primary / Seconda			28%	$0		0%	0%	0%	100%
601129	ANOXIC ZONE MIXER 4A2A	RP5JMA8064:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601130	ANOXIC ZONE MIXER 4A2B	RP5JMA8063:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601131	ANOXIC ZONE MIXER 4A3A	RP5JMA8062:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601132	ANOXIC ZONE MIXER 4A3B	RP5JMA8061:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601133	ANOXIC ZONE MIXER 4B1A	RP5JMA8060:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601134	ANOXIC ZONE MIXER 4B1B	RP5JMA8059:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601135	ANOXIC ZONE MIXER-4B2A	RP5JMA8058:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601136	ANOXIC ZONE MIXER-4B2B	RP5JMA8057:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601137	ANOXIC ZONE MIXER 4C1A	RP5JMA8056:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601138	ANOXIC ZONE MIXER 4C1B	RP5JMA8055:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601139	ANOXIC ZONE MIXER 4C2A	RP5JMA8054:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601140	ANOXIC ZONE MIXER 4C2B	RP5JMA8053:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601141	ANOXIC ZONE MIXER 4D1A	RP5JMA8052/1:RP5 - Primary / Seconda			28%	$0		0%	0%	0%	100%
601142	ANOXIC ZONE MIXER 4D1B	RP5JMA8052:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601143	MOTOR CONTROL CENTER	RP5JMCC8014:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601144	MOTOR CONTROL CENTER	RP5JMCC8013:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601145	MOTOR CONTROL CENTER	RP5JMCC8012:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601146	MOTOR CONTROL CENTER	RP5JMCC8011:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601147	MOTOR CONTROL CN 21.22.23.24	RP5JMCC8021:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601148	MOTOR CONTROL CN 21.22.23.24	RP5JMCC8022:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601149	MOTOR CONTROL CN 21.22.23.24	RP5JMCC8023:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601150	MOTOR CONTROL CN 21.22.23.24	RP5JMCC8024:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601151	MOTOR CONTROL CENTER	RP5JMCC8031:RP5 - Primary / Secondar			28%	$0		0%	0%	0%	100%
601152	MOTOR CONTROL CENTER	RP5JMCC8032:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601153	DECHLORINATION MIXER NO.1	RP5JMA8051:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601154	AERATION BLOWER MASTER CTR PN	RP5JCP8052:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601155	RP5 AERATION BLOWER MASTER CENTER PN	RP5JMCP8050:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601156	RAPID MIXER	RP5JMF8402:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601157	PRIMARY SCUM MIXER	RP5JMPS8022:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601158	ALUM PUMP 1A	RP5JPA8402:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601159	ALUM PUMP 2A	RP5JPA8401:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601160	CONTROL POWER PANEL	RP5JCP8051/1:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601161	PUMP. CONST VOLUME CIRCULATIO	RP5JPCV8002:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601162	PUMP. CONST VOLUME CIRCULATIO	RP5JPCV8001:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601163	PMP.ROTARY LOBE TFR. MX TANK	RP5JPF0821:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601164	FERRIC CHLORIDE PUMP 4	RP5JPSP8406:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601165	FERRIC CHLORIDE PUMP 5	RP5JPSP8405:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601166	FERRIC CHL LVL ALM RLY CNT PN	RP5JCP8051:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601167	PUMP #2 GRIT	RP5JVUW8005:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601168	PUMP #3 GRIT	RP5JVUW8004:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601169	PANEL HOUSE	RP5JBCP8002:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601170	PANEL HOUSE	RP5JBCP8001:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601171	LIGHTING PANEL	RP5JPL8040:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601172	PROPELLER PUMP	RP5JPML8055:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601173	PROPELLER PUMP	RP5JPML8054:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601174	PROPELLER PUMP	RP5JPML8053:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601175	PUMP-SUMP-DEWATERING	RP5JPS0827/A:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601176	PUMP-SUMP-BIOFILTER VAULT	RP5JPS0827/B:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601177	SODIUM BISULFITE PUMP 1A	RP5JPSP8404:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601178	SODIUM BISULFATE PUMP 2A	RP5JPSP8403:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601179	SODIUM BISULFITE PUMP 3A	RP5JPSP8402:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601180	SODIUM BISULFITE PUMP	RP5JPSP8401:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601181	SODIUM HYPOCHLORITE PUMP 1A	RP5JPSH8412:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601182	SODIUM HYPOCHLORITE PUMPS	RP5JPSH8413:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601183	SODIUM HYPOCHLORITE PUMP 2A	RP5JPSH8409:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601184	SODIUM HYPOCHLORITE PUMP 1B	RP5JPSH8408:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601185	SODIUM HYPOCHLORITE PUMP 2B	RP5JPSH8407:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601186	SODIUM HYPOCHLORITE PUMP 3B	RP5JPSH8406:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601187	SODIUM HYPOCHLORITE PUMP 4B	RP5JPSH8405:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601188	SODIUM HYPOCHLORITE PUMP 5B	RP5JPSH8402:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601189	SODIUM HYPOCHLORITE PUMP 3C	RP5JPSH8401A:RP5 - Solids Handling			28%	$0	0	0%	0%	0%	100%
601190	SODIUM HYPOCHLORITE PUMP 4C	RP5JPSH8401:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601191	SECONDARY SCUM PUMP #3	RP5JPSM8054:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601192	SECONDARY SCUM PUMP #4	RP5JPSM8053:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601193	BIOFILTER SUMP PUMP #1	RP5JWSP8005:RP5 - Primary / Secondar			28%	$0	0	0%	0%	0%	100%
601194	BIOFILTER SUMP PUMP #2	RP5JPSP8408:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601195	EM STORAGE BASIN SUMP PUMP #1	RP5JPSP8407:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601196	EM STORAGE BASIN SUMP PUMP #2	RP5JPSP8026:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601197	PRIM CHEM FACLTY SUMP PUMP #1	RP5JPSP8024:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601198	PRIM CHEM FACLTY SUMP PUMP #2	RP5JPSP8023:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601199	PRIM SLUDGE SUMP PUMP #1	RP5JPSP8025:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601200	PRIM SLUDGE SUMP PUMP #2	RP5JPSP8022:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601201	RAS/WAS PUMP STN SUMP PUMP#1	RP5JPSP8051:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601202	SODIUM HYPOCHLORITE SUMP PMP#	RP5JPSB8404:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601203	SODIUM HYPOCHLORITE SUMP PMP#	RP5JPSB8403:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601204	POLYMER/ALUM SUMP PUMP #1	RP5JPSB8402:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601205	POLYMER/ALUM SUMP PUMP #2	RP5JPSB8401:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601206	SODIUM BISULFITE SUMP PUMP #1	RP5JPF8025:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601207	SODIUM BISULFITE SUMP PUMP #2	RP5JPF8024:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601208	EFFLUENT MAGMETER SUMP PUMP #	RP5JPSP8021:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601209	EFFLUENT MAGMETER SUMP PUMP #	RP5JPSP8002:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601210	TURBINE VERTICLE PUMP	RP5JPSW8405:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601211	TURBINE VERTICAL PUMP	RP5JPSW8404:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601212	TURBINE VERTICAL PUMP	RP5JPSW8403:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601213	VERTICAL TURBINE PUMP	RP5JPSW8402:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601214	TURBINE VERTICAL PUMP	RP5JPSW8401:RP5 - Tertiary Operation			28%	$0	0	0%	0%	0%	100%
601215	SECONDARY CLRFIER 3A SCUM SKIMME	RP5JDSC8056:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601216	SECONDARY CLRFIER 3B SCUM SKIMME	RP5JDSC8055:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601217	SECONDARY CLRFIER 4A SCUM SKIMME	RP5JDPC8021:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601218	SECONDARY CLRFIER 4B SCUM SKIMME	RP5JDP8022:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601219	TRANSFORMER LIGHTING PANEL	RP5JTLP8001:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%
601220	LIGHTING PANEL TRANSFORMER	RP5JTLP8040:RP5 - Primary / Secondary			28%	$0	0	0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601221	RP5 AERATION BLOWER MN HDR BLW-OFF	RP5JVAA8051:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601222	AERATION AIR ZN FD VLV 3A2/3A	RP5JVAA8052:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601223	AERATION AIR ZN FD VLV 3B2/3B	RP5JVAA8053:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601224	AERATION AIR ZN FD VLV 3C2/3C	RP5JVAA8054:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601225	AERATION AIR ZON FEED VALVE 3D	RP5JVAA8055:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601226	AERATION AIR ZN FD VLV 4A2/4A	RP5JVAA8060:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601227	AERATION AIR ZN FD VLV 4B2/4B	RP5JVAA8061:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601228	AERATION AIR ZN FD VLV 4C2/4C	RP5JVAA8062:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601229	AERATION AIR ZONE FEED VALVE 4D	RP5JVAA8063:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601230	BLOWER 1A BLOW-OFF VALVE	RP5JVBB8051:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601231	AERATION FLWR MN HDR B-OFF VL	RP5JVBB8052:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601232	BLOWER 1B BLOW OFF VALVE	RP5JVBB8052A:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601233	POLYMER SUPPLY VALVE 1	RP5JVCF8021:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601234	POLYMER SUPPLY VALVE 1	RP5JVCF8021A:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601235	POLYMER SUPPLY VALVE 2	RP5JVCF8022:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601236	POLYMER SUPPLY VALVE 1A/2A	RP5JVCF8401:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601237	VFD.PUMP.CHLD WTR RECIRC 10HP	RP5JVFD8006:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601238	VFD.PUMP.CHLD WTR RECIRC 25HP	RP5JVFD8005:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601239	VFD.PUMP.CHLD WTR RECIRC 15HP	RP5JVFD8004:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601240	VFD	RP5JVFD8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601241	VFD	RP5JVFD8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601242	VFD	RP5JVFD8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601243	VFD	RP5JVFD8007:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601244	VARIABLE FREQUENCY DRIVE	RP5JVFD8042:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601245	VARIABLE FREQUENCY DRIVE	RP5JVFD8044:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601246	VARIABLE FREQUENCY DRIVE	RP5JVFD8043:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601247	FILTER 2A1 FEED VALVE	RP5JVFF8401:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601248	FILTER 2A2 FEED VALVE	RP5JVFF8402:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601249	FILTER 2A3 FEED VALVE	RP5JVFF8403:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601250	FILTER 2A4 FEED VALVE	RP5JVFF8404:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601251	FILTER 2B1 FEED VALVE	RP5JVFF8405:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601252	FILTER 2B2 FEED VALVE	RP5JVFF8406:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601253	FILTER 2B3 FEED VALVE	RP5JVFF8407:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601254	FILTER 2B4 FEED VALVE	RP5JVFF8408:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601255	FILTER 2C1 FEED VALVE	RP5JVFF8409:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601256	FILTER 2C2 FEED VALVE	RP5JVFF8410:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601257	FILTER 2C3 FEED VALVE	RP5JVFF8411:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601258	FILTER 2C4 FEED VALVE	RP5JVFF8412:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601259	PRIM SCUM DISCHARGE VALVE 3	RP5JVP8023:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601260	PRIM SCUM DISCHARGE VALVE 4	RP5JVP8024:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601261	PRIM SLUDGE DISCHARGE VALVE 4	RP5JVPS8024:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601262	PRIM SLUDGE DISCHARGE VALVE 4	RP5JVPS80241:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601263	PRIM SLUDGE DISCHARGE VLAVE 5	RP5JVPS8025:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601264	PRIM SLUDGE DISCHARGE VALVE 6	RP5JVPS8026:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601265	RAS AERA BSIN 3 FLOW CNTR VAL	RP5JVRF8053:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601266	RAS AERA BSIN 4 FLW CNTR VALV	RP5JVRF8054:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601267	SEAL WATER SOLENOID VALVE	RP5JVSW8056:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601268	SEAL WATER SOLENOID VALVE	RP5JVSW8057:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601269	SEAL WATER SOLENOID VALVE	RP5JVSW8058:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601270	SEAL WATER SOLENOID VALVE	RP5JVSW8059:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601271	SEAL WATER SOLENOID VALVE	RP5JVSW8060:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601272	SEAL WATER SOLENOID VALVE	RP5JVSW8061:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601273	SEAL WATER SOLENOID VALVE	RP5JVSW8062:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601274	GRIT PUMP 2 W3 WTR FLUFF VALV	RP5JPGS8003:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601275	GRIT PUMP 3 W3 WTR FLUFF VAL	RP5JPGS8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601276	SPRAY WATER VALVE	RP5JVUW8006:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601277	SPRAY WATER VALVE	RP5JVUW8007:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601278	WASHER FEED VALVE	RP5JVUW8009:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601279	GRIT WASHER	RP5JWG8002:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601280	GRIT WASHER 1	RP5JWG8002/1:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601281	GRIT WASHER	RP5JWG8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601282	GRIT WASHER 2	RP5JWG8001/1:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601283	SCREEN WSHR/COMPCTOR SUMP PUM	RP5JPSP8001:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601284	SCREEN WSHR/COMPCTR SUMP PUMP	RP5JWSP8006:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601285	TERTIARY FILTER CONTROL PANEL	RP5LCP2C3:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601286	TERTIARY FILTER CONTROL PANEL	RP5LCP2C1:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601287	TERTIARY FILTER CONTROL PANEL	RP5LCP2B4:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601288	TERTIARY FILTER CONTROL PANEL	RP5LCP2B3:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601289	TERTIARY FILTER CONTROL PANEL	RP5LCP2B2:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601290	TERTIARY FILTER CONTROL PANEL	RP5LCP2B1:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
601291	TERTIARY FILTER CONTROL PANEL	RP5LCP2A4:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601292	TERTIARY FILTER CONTROL PANEL	RP5LCP2A3:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601293	TERTIARY FILTER CONTROL PANEL	RP5LCP2A2:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601294	TERTIARY FILTER CONTROL PANEL	RP5LCP2A1:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
601295	TERTIARY FILTER CONTROL PANEL	RP5LCP2C4:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
601296	TERTIARY FILTER CONTROL PANEL	RP5LPC2C2:RP5 - Tertiary Operation			28%	$0		0%	0%	0%	100%
700075	FORKLIFT-MTSBSH TIRE#AF17D010	06PA06023:RP5 - Primary / Secondary			28%	$0		0%	0%	0%	100%
150060	CCWF COATING MAINTENANCE PHASE I				28%	$0		0%	0%	0%	100%
400042	CCWRF ODOR CONTROL IMPROVEMENTS	9500107:RP2/CCWRF - Administration			28%	$0		0%	0%	0%	100%
400080	CCWRF SLUDGE SYS AIR BLOWERS	98EN96044001:CCWRF - Solids Handling			28%	$0		0%	0%	0%	100%
400096	CCW-CHLORINE CONT TANK GATE	02EN98006:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
400177	CCWRF SEC CLARIFIER WEIR WASH	05OB04002:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
400178	SIDEWALK/HANDRAILS - CCWRP	9500135:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400179	INSTALL WALL AT CCWRP	9500137:RP2 - Primary/Secondary			28%	$0		0%	0%	0%	100%
400408	CHEM/LUB CONTAINER-CCWRP	04PB03005:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
400412	CCW-EMERGENCY SCRUBBER MODIFI	02PB20002:CCWRF-Emergency Storage			28%	$0		0%	0%	0%	100%
600071	CCW GRIT AUGERS AND TROUGHS	05EA05001:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
600073	CCW-3 UNIPROP MIXER & HOIST A	05EA05003:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
600095	CCWRP PC WORKSTATION REPL	05EB04004/02:CCWRF - Primary/Second			28%	$0		0%	0%	0%	100%
600096	CCWRP PC WORKSTATION REPL	05EB04001/04:CCWRF - Primary/Second			28%	$0		0%	0%	0%	100%
600141	CCW LAPTOP D810 M770 #FX20T71	06EM05008/05:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600148	DCS-WKSTN EE840 #4V1VJ91	06EM06009/01:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600149	DCS WKSTN EE840 #7V1VJ91	06EM06009/02:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600150	DCS-WKSTN EE840 #9V1VJ91	06EM06009/03:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600151	DCS-WKSTN EE840 #CV1VJ91	06EM06009/04:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600152	DCS-WKSTN EE840 #DV1VJ91	06EM06009/05:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600153	DCS-WKSTN EE840 #HV1VJ91	06EM06009/06:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600154	DCS WKSTN EE840 #2W1VJ91	06EM06009/07:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600155	DCS WKSTN PREC670 #D1WPJ91	06EM06009/08:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600156	DCS WKSTN PREC 670 #D1WPJ91	06EM06009/09:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600182	CCWRF BLOWER SOFT START	04EN03012:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
600210	CCRWP INSTALL SPRAY HEADS	97EN96029001:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600219	CCWRF-AERATION BASIN GATE	01EN99007/01:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600220	CCWRF-AERATION BASIN GATE	01EN99007/02:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600221	CCWRF-AERATION BASIN GATE	01EN99007/03:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600222	CCWRF-AERATION BASIN GATE	01EN99007/04:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600223	CCWRF-AERATION BASIN GATE	01EN99007/05:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600224	CCWRF-AERATION BASIN GATE	01EN99007/06:CCWRF - Primary/Secon			28%	$0		0%	0%	0%	100%
600230	CCW-AGENCY SECURITY ENHANCEME	02GS01003/01:RP2/CCWRF - Administra			28%	$0		0%	0%	0%	100%
600249	CCWRF-1 DIGITAL RECORDER	02GS02026:RP2/CCWRF - Administratio			28%	$0		0%	0%	0%	100%
600425	CCWRF-ALLEN BRADLEY NETWORK	03IS02004:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
600443	CCWRF-WORKSTATION-TERTIARY BL	03IS02019/04:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600669	BAR SCREEN ENCLOSURE-CCWRP	04OB01001:CCWRF - Primary/Secondar			28%	$0		0%	0%	0%	100%
600671	CCW TAYLOR DRUM CARTS	06OB05001:CCWRF - Primary/Secondar			28%	$0		0%	0%	0%	100%
600672	CCW WATER-CHAMP MIXER	05OB05002/01:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600673	CCW WATER-CHAMP MIXER	05OB05002/02:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600674	CCW WATER-CHAMP MIXER	05OB05002/03:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600675	CCW WATER-CHAMP MIXER	05OB05002/04:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600677	ISCO 3700 FR RGRIGERATORS (2)	00OB20002:RP2/CCWRF - Administratio			28%	$0		0%	0%	0%	100%
600682	3700 FR REFRIGERATED SAMPLER	00OB99002:CCWRF - Primary/Secondar			28%	$0		0%	0%	0%	100%
600913	CCW-GRIT SLURRY PUMP REPLACEM	02PA02007:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
600919	CCW-ANALYZER.CHLORTROL 5000 R	02PA02011/03:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600920	CCW-ANALYZER.CHLORTROL 5000 R	02PA02011/04:CCWRF - Tertiary			28%	$0		0%	0%	0%	100%
600923	CCW-AIR CONDITIONER INSTALLAT	02PA02016:RP2/CCWRF - Administratio			28%	$0		0%	0%	0%	100%
600957	CCW (1)FOXBORO AW STN UPGRADE	06PA03021/02:CCWRF - Solids Handling			28%	$0		0%	0%	0%	100%
601008	7 CCWRF MIXERS/LIFTING HOIST	04PB04002:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
601022	CCWRP DEWATER PUMP	9600020:CCWRF - Primary/Secondary			28%	$0		0%	0%	0%	100%
150058	PRADO DECHLOR STATION PAVEMENT MAINT	:			28%	$0		0%	0%	0%	100%
601459	COMBINATION TRUCK HP HOSE	:			28%	$0		0%	0%	0%	100%
300162	OUTFALL LINE RP#2 ORIG. PURCH	OLD00199:NRW General Administration			28%	$0		100%	0%	0%	0%
600128	NRW-SAMPLERS.COMPACT 6712	06EC06011/01:Regional Administration			28%	$0		0%	0%	0%	100%
600129	NRW-SAMPLERS.COMPACT 6712	06EC06011/02:Regional Administration			28%	$0		0%	0%	0%	100%
601500	Safety Equipment				28%	$0		0%	0%	0%	100%
700098	Collections Group Water Truck				28%	$0		0%	0%	0%	100%
601586	CCTV Camera Cable				28%	$0		0%	0%	0%	100%
700101	53" Federal Signal Amber Legend Lightbar				28%	$0		0%	0%	0%	100%
700102	CCTV Van Generator Replacement				28%	$0		0%	0%	0%	100%
700099	2008 Ford-F150 Extended Cab Pick-up Truck				28%	$0		0%	0%	0%	100%
700099	2008 Ford-F150 Extended Cab Pick-up Truck				28%	$0		0%	0%	0%	100%
700099	2008 Ford-F150 Extended Cab Pick-up Truck				28%	$0		0%	0%	0%	100%

Asset #	Asset description	Additional description	RCNLD	RP Association (RP # or "c" for CCWRF)	% Available for Growth	Value of Available Capacity	Unit Process Allocation	Flow	BOD	TSS	Assets Receiving Weighted Average Allocation
700099	2008 Ford-F150 Extended Cab Pick-up Truck		-		28%	$0	0	0%	0%	0%	100%
700099	2008 Ford-F150 Extended Cab Pick-up Truck		-		28%	$0	0	0%	0%	0%	100%
700099	2008 Ford-F150 Extended Cab Pick-up Truck		-		28%	$0		0%	0%	0%	100%
700103	6 Ford Escape Hybrid Vehicles		-		28%	$0		0%	0%	0%	100%
700104	15 TON CRANE		-		28%	$0		0%	0%	0%	100%
601534	DCS - Computer Hardware		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601562	Dell Precision 390		-		28%	$0		0%	0%	0%	100%
601576	DCS VER 7 HARDWARE UPGRADE		-		28%	$0		0%	0%	0%	100%
601527	PowerEdge 2850		-		28%	$0		0%	0%	0%	100%
601527	PowerEdge 860		-		28%	$0		0%	0%	0%	100%
601527	CISCO PN-MARS 50 IRU 1000 EPS 24GB RAID0		-		28%	$0		0%	0%	0%	100%
601527	PowerEdge 860		-		28%	$0		0%	0%	0%	100%
601527	PowerEdge 860		-		28%	$0		0%	0%	0%	100%
601527	PowerEdge 860		-		28%	$0		0%	0%	0%	100%
601492	Ruggedized WIFI PC Tablets-Computer		-		28%	$0		0%	0%	0%	100%
601492	Ruggedized WIFI PC Tablets-Computer		-		28%	$0		0%	0%	0%	100%
601492	Ruggedized WIFI PC Tablets-Laptop		-		28%	$0		0%	0%	0%	100%
601492	Ruggedized WiFi PC Tablets-Laptop		-		28%	$0		0%	0%	0%	100%
601571	SAFETY EQUIPMENT		-		28%	$0		0%	0%	0%	100%
601506	Manhole Sealing Pans-PVC		-		28%	$0		0%	0%	0%	100%
RA02040	Land and IKEA Property		8,861,875		37%	$3,246,330	11	0%	45%	55%	0%
RA02041	Storage Facility and Operations Equip		39,374,653		37%	$14,423,934	11	0%	45%	55%	0%
RA08003	Plant Upgrades & Improvements		1,218,813		37%	$446,482	11	0%	45%	55%	0%
RA08004	Laterals & Capacity Rights		150,508		37%	$55,135	11	0%	45%	55%	0%
RA09003	Ventilation System & Equip		249,451		37%	$91,380	11	0%	45%	55%	0%
RA09004	Backdraft Dampers		144,936		37%	$53,094	11	0%	45%	55%	0%
RA09005	Landscape Improvements		81,944		37%	$30,018	11	0%	45%	55%	0%
RA11001	Loaders & Improvements		421,150		37%	$154,278	11	0%	45%	55%	0%
RA11003	Hopper Improvements		59,453		37%	$21,779	11	0%	45%	55%	0%
RA11005	Emission Reduction Credits		460,538		37%	$168,707	11	0%	45%	55%	0%
RA12007	Dell Host Server		11,182		37%	$4,096	11	0%	45%	55%	0%
RA12010	Roll Up Door		145,946		37%	$53,464	11	0%	45%	55%	0%
RA12012	Belt Conveyor & Catwalk Improvements		144,603		37%	$52,972	11	0%	45%	55%	0%
RA13005	Desktop PC's		5,088		37%	$1,864	11	0%	45%	55%	0%
RA13006	Tablet Replacement		586		37%	$215	11	0%	45%	55%	0%
RA13007	UPS Replacement		10,160		37%	$3,722	11	0%	45%	55%	0%
RA14005	Emission Reduction Credits		56,117		37%	$20,557	11	0%	45%	55%	0%

			Total Value of Fixed Assets (RCNLD)			Total Value of Fixed Assets Available for Growth					
			$ 570,746,114			$ 146,441,580					

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Inland Empire Utilities Agency
Schedule of Construction In Progress
- Alphabetical by Fund
as of June 30, 2014

Average Allocation 39%

fund	project	Project Description	Begining Balance	Current Fiscal Year	Ending Balance	Planned End Date	Growth	Replacement	Growth Allocation	Total Allocation	Existing Customer Allocation
10200	EQ14006	REPLACEMENT TRUCK	0	31,108	31,108	06/30/2015	39%	61%	12,132	31,108	
10200	EN11010	Headquarters Central Plant Improvements	217,621	523,345	740,985	08/12/2014	39%	61%	204,104	523,345	
10200	EN14002	CIPO Enhancements	0	4,824	4,824	11/03/2014	39%	61%	1,881	4,824	
10200	IS13006	eProcure-to-Pay	28,417	0	28,417	06/30/2015	39%	61%	0	0	
10200	IS13030	Server Replacement - Biz Net Forecast	0	20,131	20,131	06/30/2015	39%	61%	7,851	20,131	
10200	IS13103	Long Range Financial Planning App	68,158	70,471	138,629	06/30/2015	39%	61%	27,484	70,471	
10200	MM14001	ASSET HEALTH MONITORING PROJECT	0	199,393	199,393	09/30/2014	39%	61%	77,763	199,393	
10200	SR12002	CCTV Equipment Replacement	13,844	25,982	39,826	01/30/2015	39%	61%	10,133	25,982	
10300	EN14038	CB20 Noise Mitigation Measures	0	3,513	3,513	12/19/2014	39%	61%	1,370	3,513	
10300	EN14040	Jurupa Pump Station HVAC Improvements	0	21,119	21,119	10/06/2014	24%	76%	5,069	21,119	
10300	RW14001	GWR Argo Vehicle Purchased	0	27,775	27,775	07/31/2014	39%	61%	10,832	27,775	
10300	WR13022	Prado Basin Habitat Well Monitoring-O&M	0	85,712	85,712	06/30/2015	39%	61%	33,428	85,712	
10300	WR13023	USBR Vegetative Monitoring	0	20,000	20,000	06/30/2022	39%	61%	7,800	20,000	
10500	EN11034	NRW Collection System Repairs Phase 3	114,385	295,774	9,597	03/24/2015	39%	61%	115,352	295,774	
10500	EN11035	Philadelphia Pump Station Upgrades	147,920	419,262	567,182	01/15/2015	24%	76%	100,623	419,262	
10500	EN13027	Casing Extension For NRW Crossing UPRR	0	110,190	110,190	05/28/2015	39%	61%	42,974	110,190	
10500	EN13042	Philly Pump Station Communication System	373	37,545	37,918	04/30/2015	24%	76%	9,011	37,545	
10500	EN14008	NRWS Conn & Emergency Projects FY13/14	0	19,788	19,788	12/31/2014	39%	61%	7,717	19,788	
10500	EN14036	NRW Collection System Repair Phase 4 - R	0	126,131	126,131	04/07/2015	39%	61%	49,191	126,131	
10800	EN08023	RP-1 Asset Replacement	2,845,788	715,853	3,561,641	06/03/2015	24%	76%	171,805	715,853	
10800	EN09021	RP-4 Headworks Retrofit	706,647	158,826	865,473	03/01/2016	34%	66%	54,001	158,826	
10800	EN10012	RP-1 Fuel Cell	614,624	18,461	633,085	02/05/2015	24%	76%	4,431	18,461	
10800	EN13016	SCADA Enterprise System	26,798	576,659	603,457	03/31/2016	39%	61%	224,897	576,659	
10800	EN13049	RP-2 Digester No. 4 Dome Improvements	11,151	1,394,592	1,405,743	08/06/2014	4%	96%	55,784	1,394,592	
10800	EN13053	RP-2 GT Splitter Box Gates Replacement	93	27,750	27,843	09/22/2014	43%	57%	11,932	27,750	
10800	EN13054	Montclair Lift Station Upgrades	255,727	402,099	657,826	04/10/2015	100%	0%	402,099	402,099	
10800	EN14012	RP-2 Drying Beds Rehabilitation	0	47,728	47,728	04/08/2015	4%	96%	1,909	47,728	
10800	EN14025	Misc RO Constr & Emerg Proj FY13/14	0	2,356	2,356	07/30/2014	39%	61%	919	2,356	
10800	EN14027	CCWRF Secondary Clarifier No. 3 Rehab	0	35,036	35,036	05/29/2015	49%	51%	17,168	35,036	
10800	EN14052	RP1 Primary Clarifier West Effluent Pipe	0	499,498	499,498	09/30/2014	13%	87%	64,935	499,498	
10800	EP13002	Major Facilities Repair/ Replacement	464,596	95,912	560,508	08/29/2014	39%	61%	37,406	95,912	
10800	EP14002	Major Facilities Repairs/Replacements	0	535,231	535,231	12/01/2014	39%	61%	208,740	535,231	
10800	LB14003	Autoclave Replacement	0	10,515	10,515	06/30/2015	39%	61%	4,101	10,515	
10800	PA14003	REPLACE FILTER CLOTH SOCKS ON 4 DISC FIL	0	28,233	28,233	12/01/2014	39%	61%	11,011	28,233	
10800	PK14001	Chino Creek Park Modular Office/Educ Ctr	0	33,000	33,000	07/31/2014	39%	61%	12,870	33,000	
10900	EN06050	RP2 Digester Gas Sys Modifications	336,496	254,930	574,934	06/30/2014	4%	96%	10,197	254,930	
10900	EN06015	RP1 Dewatering Facility Expansion	28,720,817	761,412	29,512,229	10/15/2015	24%	76%	189,939	761,412	
10900	EN08009	New Operations Laboratory	616,634	33,248	649,882	02/06/2015	39%	61%	12,967	33,248	
10900	EN09023	RP-5 SHF/REEP Independent Review	449,946	24	449,969	12/01/2014	39%	61%	9	24	
10900	EN11027	Headquarters Repairs and Drainage Improv	68,330	13,612	81,942	07/07/2017	39%	61%	5,309	13,612	
10900	EN11031	RP-5 Flow Equalization and Effluent Moni	30,240	96,883	127,123	03/23/2016	56%	44%	54,254	96,883	
10900	EN11036	HVAC & Server Room Fire Suppresalon Impr	472,534	849,263	1,321,797	03/19/2015	39%	61%	331,212	849,263	
10900	EN11039	TP-1 Disinfection Pump Improvements	69,671	3,123	72,794	06/28/2016	36%	64%	1,124	3,123	
10900	EN11042	RP-1/RP-2 Boiler Replacements	1,512,781	439,621	1,952,402	07/02/2015	39%	61%	171,452	439,621	
10900	EN11044	Casing Ext for Reg and NRW Crossing UPRR	10,921	202,940	213,860	05/19/2015	39%	61%	79,146	202,940	
10900	EN11051	Central Plant for the New Operations Lab	125,891	1,750,893	1,876,784	08/12/2014	39%	61%	682,848	1,750,893	
10900	EN12020	Chino Creek Invert Repair	4,319	8,367	12,686	06/23/2015	39%	61%	3,263	8,367	
10900	EN12021	RP-5 Pond/Drainage Improvements	44,798	421,719	466,507	03/18/2015	56%	44%	236,163	421,719	
10900	EN12022	RP-1 Aeration Ducting	10,648	451,806	462,454	02/13/2015	13%	87%	58,735	451,806	
10900	EN12028	Montclair Lift Station Upgrades	13,465	2,517	15,982	07/22/2014	100%	0%	2,517	2,517	
10900	EN13018	CCWRF Odor Control System Replacement	3,109	146,975	150,084	04/13/2017	49%	51%	72,018	146,975	
10900	EN13043	Montclair Lift Stn Communicaiton System	373	43,908	44,281	04/30/2015	100%	0%	43,908	43,908	
10900	EN13046	RP1 Flare System Improvements	5,367	27,184	32,571	04/10/2015	0%	100%	0	27,184	
10900	EN13047	RP-5 Standby Generators Control Mods	2,588	83,250	85,838	02/02/2015	56%	44%	46,620	83,250	
10900	EN13056	Agency-Wide HVAC Improvments- Pckg No. 2	0	36,477	36,477	04/30/2015	39%	61%	14,226	36,477	
10900	EN13300	Regional Sewer Spl. Proj FY12/13	5,953	681	6,634	06/01/2014	39%	61%	266	681	
10900	EN14006	Misc WW Construction & Emerg Proj FY13/1	0	10,124	10,124	07/30/2014	39%	61%	3,948	10,124	
10900	EN14015	RP-4 Process Improvements	0	56,307	56,307	06/06/2016	34%	66%	19,144	56,307	
10900	EN14019	RP-1 Headworks Gate Replacement	0	4,810	4,810	07/28/2014	24%	76%	1,154	4,810	
10900	EN14020	RP-1 Sludge Thickening Systemimprovement	0	5,951	5,951	07/21/2014	11%	89%	655	5,951	
10900	EN14037	Sewer Collection System Manhole Rehabili	0	65,456	65,456	04/22/2015	24%	76%	15,709	65,456	
10900	EN14050	Collection System Repairs Phase V , West	0	59,593	59,593	11/18/2014	24%	76%	14,302	59,593	
10900	EN14051	RP1 Centrifuge Stair and Catwalk Install	0	70,917	70,917	11/18/2014	24%	76%	17,020	70,917	
10900	EP11016	Sub-metering All Facilities	126,709	121,711	250,420	06/30/2016	39%	61%	47,467	121,711	
10900	EP14004	Agency Wide Chlorine Res Analyzer Rep	0	102,756	102,756	06/20/2015	39%	61%	40,075	102,756	
10900	PA14001	REPLACE RP1 EAST & WEST IRON SPONGES	0	89,973	89,973	07/01/2014	24%	76%	21,593	89,973	
		total project	**38,149,743**	**12,870,239**	**50,602,927**						
		project count	**66**	**66**	**66**						
								Unescalated	**4,205,964**	**12,870,239**	**8,664,275**
								Escalated	**4,377,581**	**13,395,388**	**9,017,807**

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Inland Empire Utilities Agency
Schedule of Completed Projects - Alphabetical by Fund
as of June 30, 2014

Average Allocation 39%

fund	project	Project Description	Begining Balance	Closed Projects	Accounting Close-out	Growth	Replacement	Growth Allocation	Total Value	Existing Customer Allocation
10200	EC13005	Combination Truck (JetterVactor) Pur	0	(434,735)	6/30/2014	39%	61%	(169,547)	(434,735)	
10200	EN10002	~~Construction Mgmt Tracking Projects Sys~~	~~10,829~~	~~(36,060)~~	6/30/2014		100%			
10200	EN13044	Barton Speech Privacy Improvements	15,941	(16,352)	6/30/2014	39%	61%	(6,377)	(16,352)	
10200	IS12010	HCM System (Formerly Payroll Rplcmnt)	0	(48,800)	6/30/2014	39%	61%	(19,032)	(48,800)	
10200	IS14017	~~Software Licenses - PAC Network~~	~~0~~	~~(16,482)~~	6/30/2014		100%			
10200	IS14021	WORKSTATION REPLACEMENT-BUSINESS NETWORK	0	(76,468)	6/30/2014	39%	61%	(29,823)	(76,468)	
10200	IS14022	SOFTWARE LICENSE-BUSINESS NETWORK	0	(25,585)	6/30/2014	39%	61%	(9,978)	(25,585)	
10200	IS14023	INTRUSION PREVENTION SYSTEM (IPS) FOR IN	0	(13,865)	6/30/2014	39%	61%	(5,408)	(13,865)	
10200	IS14024	LASER PRINTER REPLACEMENT-BUSINESS NETWO	0	(14,544)	6/30/2014	39%	61%	(5,672)	(14,544)	
10200	MM13001	New Offices in Warehouse Building	0	(63,085)	6/30/2014	39%	61%	(24,603)	(63,085)	
10300	EN12025	Hickory Basin - Arizona Crossing	210,829	(225,244)	6/30/2014	39%	61%	(87,845)	(225,244)	
10300	RW13002	Ford F-250 4 Wheel Drive and Srvc Bed	0	(74,402)	6/30/2014	39%	61%	(29,017)	(74,402)	
10500	EC14009	~~CSDLAC Capital Replacement 4Re~~	~~0~~	~~(778,336)~~	6/30/2014		100%			
10500	EC14012	~~CSDLAC 4RS OUTSTANDING SRF LOAN~~	~~0~~	~~(4,425,448)~~	6/30/2014		100%			
10500	EN07011	NRW System Upgrades	841,626	(1,055,264)	Multiple	39%	61%	(411,553)	(1,055,264)	
10500	EN13011	~~CM Misc NRWS Const & Emerg Proj F~~	~~3,932~~	~~0~~	6/30/2014		100%			
10500	EN13021	~~Philly PS Wet Well Condition Assessment~~	~~36,927~~	~~(36,347)~~	6/30/2014		100%			
10500	EN13026	NRWS Philadelphia Ave AIRVAC Installatio	96,309	(131,709)	6/30/2014	39%	61%	(51,367)	(131,709)	
10500	EN13039	Philly PS Force Main Cleanout Install	66,231	(185,542)	6/30/2014	24%	76%	(44,530)	(185,542)	
10800	EN08013	Plant Equipment Improvements	525,882	(315,629)	6/30/2014	39%	61%	(123,095)	(315,629)	
10800	EN11032	CCWRF 12 kV Switchgear Repair	203,122	(203,233)	6/30/2014	49%	51%	(99,584)	(203,233)	
10800	EN11045	CCWRF Secondary Clarifiers Rehab Phase 1	835,250	(848,317)	6/30/2014	49%	51%	(415,675)	(848,317)	
10800	EN12018	CCWRF Secondary Clarifier No.2 Rehab.	533,389	(862,486)	6/30/2014	49%	51%	(422,618)	(862,486)	
10800	EN13020	RP-2 Digester No. 4 Dome Guides Repair	282,718	(285,875)	6/30/2014	4%	96%	(11,435)	(285,875)	
10800	EP13005	Install New Screens Washr Compactr CCWRF	0	(185,793)	6/30/2014	49%	51%	(91,039)	(185,793)	
10800	EP13006	Install New Rag Compactor at RP5	0	(231,291)	6/30/2014	56%	44%	(129,523)	(231,291)	
10800	IS13061	UPS Replacement PAC	1,291	(12,395)	6/30/2014	39%	61%	(4,834)	(12,395)	
10800	IS13081	Workstation Replace-PAC Network	5,937	(40,198)	6/30/2014	39%	61%	(15,677)	(40,198)	
10800	IS13107	RAGC Replace Project (CCWRF,RP2,RP5)	22,437	(23,230)	6/30/2014	39%	61%	(9,060)	(23,230)	
10800	IS14004	Server Replacement Project - PAC Network	0	(50,063)	6/30/2014	39%	61%	(19,525)	(50,063)	
10800	IS14007	~~Software Licenses - PAC Network~~	~~0~~	~~(37,398)~~	6/30/2014		100%			
10800	IS14008	Core Switch RP1 - PAC Network	0	(14,535)	6/30/2014	39%	61%	(5,669)	(14,535)	
10800	IS14010	Replace PLC-5 Rack Sol w/ControlLogix	0	(75,213)	6/30/2014	39%	61%	(29,333)	(75,213)	
10800	IS14011	PACNet-Replace L55 Processors	0	(20,880)	6/30/2014	39%	61%	(8,143)	(20,880)	
10800	IS14012	Switch/Router Replacement-PAC Network	0	(64,719)	6/30/2014	39%	61%	(25,241)	(64,719)	
10800	IS14026	Workstation Replacement - PAC Network	0	(10,035)	6/30/2014	39%	61%	(3,914)	(10,035)	
10900	EN04018	~~Engineering As-Building~~	~~13,636~~	~~0~~	6/30/2014		100%			
10900	EN08020	RP5 System Fac Upgrade & Imprv	7,478,830	(7,751,366)	6/30/2014	56%	44%	(4,340,766)	(7,751,366)	
10900	EN08002	~~Facility Operations and Maintenance (O&M~~	~~11,796~~	~~0~~	6/30/2014		100%			
10900	EN10011	RP-4 Wind Turbine Power Plant	129,324	(129,324)	6/30/2014	39%	61%	(50,436)	(129,324)	
10900	EN11029	~~Facilities SCADA Master Plan~~	~~334,896~~	~~0~~	6/30/2014		100%			
10900	EN11040	RP-1 Outdoor Lighting Improvements	117,981	(118,650)	6/30/2014	24%	76%	(28,476)	(118,650)	
10900	EN12017	RP-4 Grading and Drainage Improvements	50,698	(445,195)	6/30/2014	34%	66%	(151,366)	(445,195)	
10900	EN12023	RP-5 Power Center 1 & 3 Stairs	21,461	(21,758)	6/30/2014	56%	44%	(12,185)	(21,758)	
10900	EN12027	Ramona Ave Siphon Lining & Manholes	73,035	(33,680)	6/30/2014	39%	61%	(13,135)	(33,680)	
10900	EN13009	~~CM Misc RC Const & Emerg Proj FY12/13 &~~	~~305,774~~	~~(107,303)~~	6/30/2014		100%			
10900	EN13017	RP-2 Drying Beds Drainage Improvments	23,602	(24,330)	6/30/2014	4%	96%	(973)	(24,330)	
10900	EN13024	~~Mountain Avenue Improvements~~	~~90,442~~	~~(288,803)~~	6/30/2014		100%			
10900	EN14009	~~CM Misc RC Constructn & Emerg Proj 13/14~~	~~0~~	~~(80,480)~~	6/30/2014		100%			
10900	EN14300	~~Regional Sewer Special Projects FY13/14~~	~~0~~	~~0~~	6/30/2014		100%			
10900	EP13007	~~RP-1 Aeration Basin Membrane Repl~~	~~477,472~~	0	6/30/2014		100%			
10900	IS11014	Replace Telephone System Server Hardware	42,334	(42,334)	6/30/2014	39%	61%	(16,510)	(42,334)	
10900	IS12001	~~Upgrade DCS Foxboro I/A to Infusion (Wan~~	~~2,542~~	~~0~~	6/30/2014					
				(14,151,800)			Unescalated	6,922,964	14,176,130	7,253,166
							Escalated	7,205,444	14,754,564	7,549,120

APPENDIX C – WASTEWATER CAPITAL IMPROVEMENT PLAN

Inland Empire Utilities Agency
IEUA Connection Fee
Capital Improvement Projects

Unit Process Allocation

Unit Process	Flow	BOD	TSS
1. Collection System	100%		
2. Preliminary Treatment	100%		
3. Primary Clarifiers	80%		20%
4. Activated Sludge		100%	
5. Secondary Clarifiers	80%	20%	
6. Tertiary Treatment	100%		
7. DAF Thickening (WAS)		100%	
8. Gravity Thickening (Primary Sludge)			100%
9. Anaerobic Digestion		45%	55%
10. Sludge Dewatering		45%	55%
11. Sludge Disposal		45%	55%
4 & 5	40%	60%	0%
3 & 7	40%	50%	10%
7 & 8	0%	50%	50%

	Total	Flow	BOD	TSS	Projects Receiving Weighted Average Allocation
Allocation of Project Costs	$ 829,377,911	$ 199,687,609	$ 206,368,021	$ 109,917,771	$ 313,404,510
Reallocation of Project Costs, including those Receiving Weighted Average Allocation	$ 829,377,911	$ 316,745,996	$ 356,358,751	$ 156,273,163	$ -

	Total	Flow	BOD	TSS	Projects Receiving Weighted Average Allocation
Allocation of Capacity Related Project Costs	$ 437,023,184	$ 116,056,047	$ 148,706,398	$ 45,958,463	$ 126,302,276
Reallocation of Capacity Related Project Costs, including those Receiving Weighted Average Allocation	$ 437,023,184	$ 163,230,674	$ 209,152,786	$ 64,639,724	$ -

Weighted Average of Project Costs Allocation to Unit Process		
37%	48%	15%

Wastewater Capital Improvement Projects; Costs Allocated to Growth (TM Table 4.7)

Fund	Total Wastewater Project Costs by Fund	Total Costs Allocated to Growth by Fund	Total Costs Allocated to Existing Customers	Flow	BOD	TSS	Projects Receiving Weighted Average Allocation
GG	$ 31,099,010	$ 12,053,663	$ 19,045,347	$ 18,411	$ -	$ -	$ 12,035,252
RC	$ 401,396,950	$ 272,213,159	$ 129,183,791	$ 106,238,509	$ 125,210,555	$ 25,437,650	$ 15,326,445
NC	$ 33,174,000	$ 7,961,760	$ 25,212,240	$ 7,961,760	$ -	$ -	$ -
RO	$ 345,532,951	$ 138,069,853	$ 207,463,098	$ 1,837,368	$ 20,469,706	$ 16,822,200	$ 98,940,579
RM	$ 18,175,000	$ 6,724,750	$ 11,450,250	$ -	$ 3,026,138	$ 3,698,613	$ -
Reallocation of Capacity Related Project Costs by Fund	$ 829,377,911	$ 437,023,184	$ 392,354,727				

Include	Proj #	Fund	Project Title	Total Budget	Growth	Replacement	Unit Process Allocation				
	EN15052	GG	Upgrades to Existing P6 Application	$ 100,000	39%	61%	0	0%	0%	0%	100%
	TBD	GG	Headquarters Maintenance/Improvements	$ 200,000	39%	61%	0	0%	0%	0%	100%
	TBD	GG	SAP User Interface Improvement	$ 225,000	39%	61%	0	0%	0%	0%	100%
✓	TBD	GG	SAP Strategy and Roadmap (TMP)	$ 2,850,000	39%	61%	0	0%	0%	0%	100%
	EN14002	GG	CIPO Enhancements	$ 150,000	39%	61%	0	0%	0%	0%	100%
	IS15001	GG	HCM Phase 2 HR Process & Automation & ESS/MSS Enhancements	$ 200,000	39%	61%	0	0%	0%	0%	100%
✓	IS15003	GG	Document Management System - Implementation	$ 300,000	39%	61%	0	0%	0%	0%	100%
	IS16001	GG	HCM Phase 2 Position Budgeting & Control	$ 200,000	39%	61%	0	0%	0%	0%	100%
✓	IS16003	GG	SAP Archiving	$ 50,000	39%	61%	0	0%	0%	0%	100%
	TBD-06	GG	HQ Parking Lot	$ 600,000	39%	61%	0	0%	0%	0%	100%
✓	PA15002	GG	Agency Wide Coatings and Paving	$ 2,200,000	39%	61%	0	0%	0%	0%	100%
✓	PA15008	GG	Major Asset Rehab/Replace	$ 1,100,000	39%	61%	0	0%	0%	0%	100%
	TBD-18	GG	As Built Database Upgrades (TMP)	$ 200,000	39%	61%	0	0%	0%	0%	100%
	TBD	GG	GIS Master Plan (TMP)	$ 50,000	39%	61%	1	100%	0%	0%	0%
	TBD	GG	SCADA Enterprise System-- long term	$ 15,000,000	39%	61%	0	0%	0%	0%	100%
	IS15005	GG	New GIS Plotter	$ 4,800	39%	61%	0	0%	0%	0%	100%
✓	IS15012	GG	Business Network IT Improvements (TMP)	$ 4,600,000	39%	61%	0	0%	0%	0%	100%
✓		GG	Conference Rooms AV (Agencywide)	$ 400,000	39%	61%	0	0%	0%	0%	100%
✓	TBD	GG	IS Improvement Projects (TMP)	$ 4,000,000	39%	61%	0	0%	0%	0%	100%
✓	EN15008	RC	New Water Quality Laboratory	$ 5,225,000	39%	61%	0	0%	0%	0%	100%
	EN16011	RC	Whispering Lakes LS Improvements	$ 5,000,000	100%	0%	1	100%	0%	0%	0%
	EN19005	RC	Haven LS Improvements	$ 1,000,000	100%	0%	1	100%	0%	0%	0%
	EN13056	RC	Agency-Wide HVAC Improvements - Pckg No. 2	$ 200,000	39%	61%	0	0%	0%	0%	100%
	EN15032	RC	Agency-Wide HVAC Improvements- Pckg No. 3	$ 1,100,000	39%	61%	0	0%	0%	0%	100%
	EN17003	RC	Aeration System Improvements	$ 6,250,000	39%	61%	4	0%	100%	0%	0%
	SR12001	RC	Agencywide Security Equipment Upgrade	$ 50,000	39%	61%	0	0%	0%	0%	100%
✓	EN13043	RC	Montclair Lift Station Communication System	$ 535,000	100%	0%	1	100%	0%	0%	0%
	TBD-02	RC	CCWRF Lagoon Riprap Reinforcement	$ 150,000	49%	51%	0	0%	0%	0%	100%
	TBD-01	RC	CCWRF Odor Control and Headworks Replacements (AMP)	$ 7,000,000	49%	51%	2	100%	0%	0%	0%
	TBD	RC	Montclair Interceptor Improvements	$ 17,130,000	100%	0%	1	100%	0%	0%	0%
	EN15019	RC	RP-1 Odor Control Improvements Evaluation	$ 300,000	24%	76%	0	0%	0%	0%	100%
	EN15020	RC	RP-1 Plant 3 Primary Scum Well Upgrade	$ 325,000	13%	87%	3	80%	0%	20%	0%
	EN18004	RC	RP-1 IPS System Improvements	$ 1,000,000	24%	76%	2	100%	0%	0%	0%
	EN19007	RC	RP-1 Primary Effluent EQ Elimination	$ 37,000,000	8%	100%	3	80%	0%	20%	0%
	EN20006	RC	RP-1 Digester Mixing Upgrade	$ 1,750,000	0%	100%	8	0%	45%	55%	0%
	TBD120	RC	RP-1 Liquid Treatment Expansion	$ 69,411,693	100%	0%	4.5	40%	60%	0%	0%
	TBD	RC	RP-1 Solids Treatment Expansion	$ 17,374,227	100%	0%	8	0%	45%	55%	0%
	TBD-17	RC	RP-1 Expansion PDR	$ 1,500,000	100%	0%	0	0%	0%	0%	100%
	EN14020	RC	RP-1 Sludge Thickening Upgrades	$ 8,500,000	20%	80%	7.8	0%	50%	50%	0%
	TBD	RC	RP-4 Tertiary Expansion8	$ 5,000,000	100%	0%	6	100%	0%	0%	0%
✓	EN09023	RC	RP-5 SHF/REEP Independent Evaluation	$ 25,000	4%	96%	9	0%	45%	55%	0%
	EN11081	RC	RP-5 Flow Equalization and Effluent Monitoring	$ 1,200,000	33%	67%	3	80%	0%	20%	0%
	EN19001	RC	RP-5 Liquid Treatment Expansion	$ 106,326,079	100%	0%	4.5	40%	60%	0%	0%
	EN19006	RC	RP-5 Solids Treatment Facility - RC	$ 57,924,951	45%	55%	9	0%	45%	55%	0%
	TBD-27	RC	RP-5 Process Improvements	$ 8,300,000	56%	44%	0	0%	0%	0%	100%
	TBD-21	RC	RP-5 Expansion PDR	$ 1,500,000	100%	0%	0	0%	0%	0%	100%
✓	EN13028	RC	Preserve Lift Station	$ 2,600,000	24%	76%	1	100%	0%	0%	0%
✓	TBD	RC	CEQA document for implementation of WWFMP, IRP, RWPS, etc.	$ 750,000	39%	61%	0	0%	0%	0%	100%
✓	TBD-11	RC	RC OE Projects	$ 1,000,000	39%	61%	0	0%	0%	0%	100%
	TBD-10	RC	RC Emergency O&M Projects	$ 12,000,000	39%	61%	0	0%	0%	0%	100%
	EN13018	RC	Montclair Diversion Structure Rehabilitation	$ 850,000	100%	0%	1	100%	0%	0%	0%
	TBD	RC	RC Planning Documents	$ 2,000,000	39%	61%	0	0%	0%	0%	100%
	EN12020	RC	Chino Creek Invert Repair	$ 300,000	49%	51%	1	100%	0%	0%	0%
	TBD	RC	CCWRF Aeration Blower Replacement	$ 5,000,000	49%	51%	1	0%	100%	0%	0%
	EN15045	RC	Collection System Manhole Upgrades FY 15/16	$ 1,500,000	24%	76%	1	100%	0%	0%	0%
✓	TBD-25	RC	Collection System Upgrades	$ 9,000,000	24%	76%	1	100%	0%	0%	0%
	EN11039	RC	TP-1 Disinfection Pump Improvements	$ 320,000	44%	56%	8	100%	0%	0%	0%
	EN13046	RC	RP-1 Flare System Improvements	$ 800,000	24%	76%	9	0%	45%	55%	0%
	TBD	RC	RP-1 Flare Improvements	$ 4,000,000	24%	76%	9	0%	45%	55%	0%
✓	TBD-20	RC	RP-1 Headworks Rehab	$ 7,000,000	24%	76%	2	100%	0%	0%	0%
	EN14019	RC	RP-1 Headworks Gate Replacement	$ 3,400,000	24%	76%	2	100%	0%	0%	0%
	TBD	RC	Regional Conveyance AMP	$ 2,000,000	24%	76%	1	100%	0%	0%	0%
	EN11035	NC	Philadelphia Pump Station Upgrades	$ 574,000	24%	76%	1	100%	0%	0%	0%
✓	EN13042	NC	Philadelphia Pump Station Communication System	$ 200,000	24%	76%	1	100%	0%	0%	0%
✓	EN15046	NC	NRW Manhole Upgrades FY 15/16	$ 350,000	24%	76%	1	100%	0%	0%	0%
	TBD-12	NC	NRWS OE Projects	$ 200,000	24%	76%	1	100%	0%	0%	0%
✓	TBD-13	NC	NRWS Emergency O&M Projects	$ 4,000,000	24%	76%	1	100%	0%	0%	0%
	TBD-23	NC	Philadelphia Lift Station Force Main Improvements	$ 6,000,000	24%	76%	1	100%	0%	0%	0%
	TBD	NC	Lift Station AMP Projects	$ 2,000,000	24%	76%	1	100%	0%	0%	0%

	TBD-14	NC	NRWS Manhole Upgrades	$ 19,550,000	24%	76%	1	100%	0%	0%	0%
	EN22002	NC	NRW East End Flowmeter Replacement	$ 300,000	24%	76%	1	100%	0%	0%	0%
✓	EN21002	RO	China Creek Wetlands and Educational Park Upgrades	$ 1,858,000	39%	61%	0	0%	0%	0%	100%
✓	EN15008	RO	New Water Quality Laboratory	$ 16,875,000	39%	61%	0	0%	0%	0%	100%
✓	EN15008	RO	New Water Quality Laboratory	$ 17,000,000	39%	61%	0	0%	0%	0%	100%
	EN13054	RO	Montclair Lift Station Upgrades	$ 416,000	100%	0%	1	100%	0%	0%	0%
	TBD-22	RO	Agencywide Energy Efficiency Improvements	$ 9,600,000	39%	61%	0	0%	0%	0%	100%
	EN13016	RO	SCADA Enterprise System	$ 8,700,000	39%	61%	0	0%	0%	0%	100%
	EN14027	RO	CCWRF Secondary Clarifier #3 Rehabilitation	$ 20,000	49%	51%	6	80%	20%	0%	0%
✓	TBD-05	RO	RP-1 NGO Meters Interconnection Agreement Installation	$ 800,000	24%	76%	9	0%	45%	55%	0%
	EN09021	RO	RP-4 Headworks Retrofit	$ 25,000	34%	66%	2	100%	0%	0%	0%
	EN14018	RO	RP-4 Chlorination Facility Retrofit	$ 2,050,000	26%	74%	5	100%	0%	0%	0%
	TBD-03	RO	RP-4 Process Improvements	$ 5,200,000	34%	66%	4.5	40%	60%	0%	0%
	EN19006	RO	RP-5 Solids Treatment Facility - RO	$ 57,924,851	45%	55%	9	0%	45%	55%	0%
	TBD	RO	RP-2 Microturbine Installation EMP	$ 4,180,000	4%	96%	9	0%	45%	55%	0%
	TBD	RO	RP-2 CNG Conversion Installation EMP	$ 4,750,000	4%	96%	9	0%	45%	55%	0%
	EP15002	RO	Major Equipment Rehab/Replace	$ 6,100,000	39%	61%	0	0%	0%	0%	100%
	TBD	RO	Agency Bypass Pumping Project	$ 2,000,000	39%	61%	0	0%	0%	0%	100%
	TBD-16	RO	RP-1 Mixed Liquor Return Pump Improvements	$ 4,000,000	100%	0%	9	0%	100%	0%	0%
	EN13012	RO	Magnolia Channel Monitoring & Maintenance	$ 30,000	39%	61%	1	100%	0%	0%	0%
	EN17004	RO	Agencywide Energy Efficiency Study	$ 200,000	39%	61%	0	0%	0%	0%	100%
	PA15001	RO	Underground Piping Rehab Assessments	$ 1,750,000	39%	61%	0	0%	0%	0%	100%
✓	TBD-09	RO	RO Emergency O&M Projects	$ 12,000,000	39%	61%	0	0%	0%	0%	100%
	TBD	RO	Agencywide Digester Cleaning and Rehab	$ 10,000,000	39%	61%	3	0%	45%	55%	0%
	TBD-04	RO	RP-2 Preliminary Design Report for Decommissioning	$ 600,000	45%	55%	0	0%	0%	0%	100%
	TBD	RO	RP-2 Decommission (2032- 2035)	$ 30,000,000	45%	55%	0	0%	0%	0%	100%
	PA15005	RO	Biofilter Media Replacement	$ 4,000,000	39%	61%	0	0%	0%	0%	100%
	PA15006	RO	Aeration Systems Rehab	$ 4,100,000	39%	61%	4	0%	100%	0%	0%
	TBD	RO	CCWRF Aeration Basin Equipment Removal	$ 100,000	49%	51%	4	0%	100%	0%	0%
	TBD-20	RO	Regional Wastewater Projects AMP	$ 150,000,000	39%	61%	0	0%	0%	0%	100%
	TBD-14	RO	Mag Channel Spillway Improvement	$ 300,000	39%	61%	0	0%	0%	0%	100%
	IS15015(not	RO	PAC- L55 Processor Replacement / Redundancy Modules	$ 45,000	39%	61%	0	0%	0%	0%	100%
	IS15020	RO	Process Automation Controls IT Improvements	$ 6,000,000	39%	61%	0	0%	0%	0%	100%
	TBD	RO	CCWRF Backup Generator Control Upgrade	$ 250,000	49%	51%	0	0%	0%	0%	100%
	EN15012	RO	RP-1 East Primary Effluent Pipe Rehab	$ 1,200,000	13%	87%	3	80%	0%	20%	0%
	EN15013	RO	RP-1 TWAS and Primary Effluent Piping Replacement 2014	$ 350,000	21%	79%	3.7	40%	50%	10%	0%
	RA11001	RM	IERCF Capital Replacement	$ 9,600,000	37%	63%	11	0%	45%	55%	0%
	RA11004	RM	IERCF Process Improvements	$ -	37%	63%	11	0%	45%	55%	0%
	RA12009	RM	IERCF Structure Protection	$ 260,000	37%	63%	11	0%	45%	55%	0%
✓	RA12011	RM	IERCF Lighting Improvements	$ 1,200,000	37%	63%	11	0%	45%	55%	0%
✓	RA14003	RM	IERCF Receiving Pit & Fan Corridor Drains	$ 200,000	37%	63%	11	0%	45%	55%	0%
	RA14004	RM	IERCF Harmonic Filter AC Improvements	$ -	37%	63%	11	0%	45%	55%	0%
	RA15001	RM	IERCF Baghouse Improvements	$ 500,000	37%	63%	11	0%	45%	55%	0%
✓	RA15005	RM	IERCF Trommel Screen Conversion to Compact Logix PLC	$ -	37%	63%	11	0%	45%	55%	0%
	TBD	RM	IERCF Trommel Screen Improvements	$ 1,200,000	37%	63%	11	0%	45%	55%	0%
	TBD	RM	IERCF Fire Sprinkler Improvements	$ 575,000	37%	63%	11	0%	45%	55%	0%
✓	TBD	RM	IERCF Transition Air Duct Improvements	$ 1,250,000	37%	63%	11	0%	45%	55%	0%
✓	TBD	RM	IERCF Pugmill Improvements	$ 200,000	37%	63%	11	0%	45%	55%	0%
	TBD	RM	Amendment Hopper Improvements	$ 400,000	37%	63%	11	0%	45%	55%	0%
	TBD	RM	Biosolids Hopper Improvements	$ 400,000	37%	63%	11	0%	45%	55%	0%
✓	TBD	RM	Belt Conveyor Improvements	$ 1,200,000	37%	63%	11	0%	45%	55%	0%
	TBD	RM	Misc Fan Improvements	$ 1,300,000	37%	63%	11	0%	45%	55%	0%
Total Projects				**$ 829,377,911**	**53%**	**47%**					

Unescalated Growth Total
$ 437,023,184

General Notes:

The projects that are listed in this table are all the capital projects from the 10-year CIP. Regardless of which fund they are categorized as in the table, they have been allocated to projects for existing users and future users (growth). This allocation was completed using the methodology described in Appendix A. The fund classifications have no bearing on each project's allocation. The total of the growth related costs ($437,023,184) is the portion of the total CIP that is allocated to the connection fee.

95% of the GG Fund projects costs are allocated to the wastewaterconnection fee. This represents the approximate share of all Agency assets that are related to the wastewater system.

Notes:
(1) Assumes 1/2 for WAS thickening (35%) and 1/2 for primary sludge thickening (19%)
(2) Assumes 1/2 for EQ basins (13%) and 1/2 for Odor (24%)
(3) Assumes 1/2 for TWAS (19%) and 1/2 for Primary Effluent (13%)

APPENDIX D – SYSTEM FLOW AND LOADINGS CALCULATIONS

1.0 INTRODUCTION

The purpose of this appendix is to calculate the current and future system loadings of the Inland Empire Utilities Agency (IEUA) wastewater system. The results of this appendix constitute one of the three components of the Wastewater EDU Calculation.

Using the system flow values and projections in conjunction with influent loading concentrations at each regional water recycling plant, as developed in the Facilities Master Plan, the current and projected loadings totals at each plant can be calculated. These calculations are presented in detail below.

2.0 APPROACH

In the Facilities Master Plan, Carollo Engineers, Inc. has already calculated the current and projected flows for the Agency's wastewater system. However, to calculate the system loadings, this appendix will multiply the existing concentration data and the existing flow data.

3.0 DATA

3.1 Treatment Plant Projected Flows

As part of the Facilities Master Plan, Carollo Engineers, Inc. measured the current influent flow at each regional water recycling plant. Additionally, Carollo calculated a projection for each plant's flow by 2035.

Year	RP-1	RP-4	CCWRF	RP-5	**Total**
Current Flow, mgd	28	10.5	7.2	10	**55.7**
2035 Flow, mgd	33.1	14.7	7.3	18.4	**73.5**
Increase					**17.8**

Note (1) Current Flow is based on 2011-2013 data

3.2 Treatment Plant Current Concentrations

As part of the Facilities Master Plan, Carollo Engineers, Inc. conducted a study of each regional water recycling plant's influent concentrations. The results are presented in the table below.

Current Concentrations	RP-1	RP-4	CCWRF	RP-5
BOD, mg/L	434	352	455	321
TSS, mg/L	472	318	367	267

This appendix intends to produce a value in terms of pounds per day. Therefore, the milligram per liter concentrations above are converted into pounds per million gallon in the table below.

Current Concentrations	RP-1	RP-4	CCWRF	RP-5
BOD, (lbs/MG)	3,622	2,937	3,797	2,679
TSS, (lbs/MG)	3,939	2,654	3,063	2,228

4.0 LOADINGS CALCULATION

The total current wastewater system loading values for BOD and TSS are the sum of each plant's current BOD and TSS loading total. Each plant's current BOD total is calculated by multiplying its recorded BOD concentration in pounds per million gallons by the daily flow in millions of gallons per day. The formula below presents the calculation of each plant's BOD total.

$$BOD\ lbs/day = BOD\frac{lbs}{MG} * \frac{MG}{day}$$

Each plant's current TSS total is calculated in the same way. Future BOD and TSS loadings are calculated similarly. The one difference is that the future loadings calculations utilize each plant's 2035 projected flow value instead of the current value. The table below presents the results of these calculations as well as the wastewater system total. Additionally, the table presents the increase in the system loadings totals within the given timeframe.

Current Loadings	RP-1	RP-4	CCWRF	RP-5	Total
BOD, lbs/day	101,413	30,845	27,340	26,789	**186,386**
TSS, lbs/day	110,293	27,865	22,052	22,282	**182,492**
2035	RP-1	RP-4	CCWRF	RP-5	**Total**

Loadings					
BOD, lbs/day	119,885	43,182	27,719	49,291	**240,078**
TSS, lbs/day	160,382	39,011	22,358	40,999	**232,751**
Growth					**Difference**
BOD, lbs/day					**53,692**
TSS, lbs/day					**50,259**

Inland Empire Utilities Agency

2015 Water Connection Fee Update

FINAL REPORT

April 16 2015

3150 BRISTOL STREET, SUITE 500 • COSTA MESA, CALIFORNIA 92626 • P. 714.593.5100 • F. 714.593.5101

Inland Empire Utilities Agency

2015 Water Connection Fee Update

TABLE OF CONTENTS

LIST OF TABLES

APPENDICES

1.0 INTRODUCTION

The Inland Empire Utilities Agency (IEUA or Agency) is a public agency serving the Inland Empire region as a regional wastewater agency, as well as a wholesale supplier of imported and recycled water. The Agency contracted with Carollo Engineers, Inc. (Carollo) to conduct a Connection Fee Study for the regional wastewater and water systems. This report details the purpose and cost basis of implementing a new water connection fee.

IEUA supplies water to retail agencies through both imported water supplied by the Metropolitan Water District of Southern California (MWD) and recycled water. Due to the increasing need for reliable water supplies and for future supplies necessary to meet the needs of growth, IEUA will continue to invest in localized water supplies and conservation. The proposed water connection fee accounts for IEUA's multi-facet approach to providing long-term water supplies, including local supply development, imported water supplies, expansion of recycled water facilities, and conservation. This report addresses the One Water connection fees.

The water connection fee study builds on the Agency's other planning efforts that are currently being developed. These efforts include the following:

- Integrated Resources Planning
- Recycled Water Program Strategy
- Recharge Plan Update
- Facilities Master Plan
- Energy Management Plan
- Asset Management Plan
- Long Range Plan of Finance
- Connection Fee/Rate Study

IEUA does not currently impose any water or recycled water connection fee. The objective of the connection fee study is to develop a fee based on current system values and proposed capital improvements; and to develop a new connection fee for the Agency's water system. In order to determine conformance with industry standards and principles, legal requirements, and the Agency Board policy, the following criteria were used in evaluating the validity of the connection fee process:

- Do the connection fees represent a reasonable nexus to the costs incurred by the Agency on behalf of future users and the benefits received?

- Is the allocation approach consistent with industry practices and California Government Code §54999.7 and §66013?
- Is it likely that the allocation approach will be appropriate for use by the Agency in the future?

The connection fee analysis is based upon a point in time calculation based on the Agency's Fixed Asset Schedule, FY 2014/15 IEUA Ten Year Capital Improvement Plan (CIP), projected potable water and recycled water consumption, and other Agency Data. This report presents Carollo's findings and proposed connection fee.

2.0 BACKGROUND

2.1 Potable Water System

The regional water service system is comprised of imported water, water produced from local sources, and other purchased water. Imported water has historically, and will in the future, generally be purchased from the Metropolitan Water District of Southern California.

- Chino Basin Desalter Plant – Groundwater is pumped from supply wells throughout the Chino Basin area to the Chino I Desalter and the Chino II Desalter. Together they produce 24.6 million gallons of potable water each day. IEUA operates the Desalters.

2.2 Recycled Water System

IEUA treats over 50 million gallons per day of wastewater at its regional treatment plants in accordance with Title 22 regulations then distributes some of the treated water as recycled water throughout the service area.

- Direct Usage Customers – The Agency currently delivers approximately 25,000 acre-feet per year of recycled water for direct usage by approximately 800 customers.
- Recharge Facilities – The Agency resides over the majority of the 5 to 7 million acre-foot groundwater storage basin called Chino Basin. IEUA recharges the basin with recycled water, imported water, and storm water.

3.0 CONNECTION FEE OVERVIEW

Connection fees are a method by which local agencies can impose charges to offset the costs of new customers connecting to their water, wastewater, or other utility or infrastructure systems. Connection fees are governed by California Government Code §66000, which provides a legal framework for the applicability, assessment, and imposition of connection fees. There are various methods to calculate connection fees; the most appropriate method for any system is dictated by the system's specific characteristics. The proposed connection fees represent the maximum fees that the Agency can impose based on the calculations as discussed in this report.

3.1 Statutory Requirements

A connection fee that is levied on users of a water utility is subject to the requirements of Chapter 13.7 (commencing with Section §54999) of Part 1 of Division 2 of Title 5 of the California Government Code relating to the imposition of charges on customers that are public agencies. Connection fees are also subject to the requirements of Government Code §66013. Connection fees are "charges for facilities in existence at the time the charge is imposed or charges for new facilities to be constructed in the future, which are of benefit to the person or property being charged." Section §66013 provides that connection fees "shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed." Section §54999.7 establishes a similar cost-of-service requirement. As determined by *Richmond v. Shasta Community Services Dist. (2004) 32 Cal. 4th 409*, Connection fees are not subject to the provisions of California Constitution article XIII D (Proposition 218). A connection fee is imposed on new connections in order to recover a fair and equitable share of the costs of capacity within the utility facilities. A key tenet in adopting these connection fees is: "growth pays for growth." This means that the costs associated with building excess capacity to serve new customers ultimately should be borne by those new users who benefit from this available capacity.

3.2 Connection Fee Methodologies

Two general types of connection fees are used to recover system investments from new users. There is the System Buy-In Approach and the Incremental Cost Approach. Additionally, utilities can elect to use a Hybrid Approach that combines the Buy-In and Incremental Approaches. While all are valid, the best approach is dictated by each system's specific characteristics.

3.2.1 Buy-In Approach

Utilities often construct infrastructure capacity to meet projected future demands. The purpose of the Buy-In approach is to recover costs that have already been incurred by the Agency. Existing customers have paid for this system over time through their user rates and fees (through direct capital financing or retired debt). The Buy-In approach provides a mechanism to reimburse existing system users for the carrying costs of constructing system capacity that is available to be used by future users. In this sense, the Buy-In approach estimates the fraction of the existing system that will benefit future users.

There are further considerations when calculating the Buy-In approach. Given that the existing system was constructed over time, the original cost of constructing the system neither accurately reflects the current value of that system nor the cost to construct the facilities today. Consequently, original costs were escalated to (Fiscal Year) FY 2014/15 dollars using Engineering News Records Construction Cost Index (ENR-CCI). The Agency's FY 2012/13 fixed asset records were used as the basis for this analysis, which included original costs, acquisition dates, and estimated useful lives.

Replacement costs alone might not be the best estimate of system value, because system assets have a finite lifespan and must be replaced and/or rehabilitated in time. The Agency adjusts the existing cost basis by deducting straight-line depreciation. Accumulated depreciation is determined by dividing the age of each asset by the projected useful life and reducing the asset value by that percentage. By accounting for accumulated depreciation in the Buy-In cost approach, the Agency may recover a proportionate value of capital improvements that will replace depreciated assets or will be undertaken to extend the useful lives of these assets through the future cost component of the connection fee.

The Buy-In approach should not include costs of assets that were grant-funded or donated assets and should only include those costs incurred by the Agency ratepayers for the development of the existing system, which includes the accumulation of fund reserves as well as expenses associated with construction in progress.

Finally, in the calculation of the Buy-In approach, the existing system value is segregated into the portions for existing customers and future users. This is achieved by dividing the total value of the entire system over all projected users by buildout. Because the existing customers have already paid their share of costs through prior connection fees and rates, only the future users pay their fraction of costs upon connecting to the system.

The Buy-In approach divides the value of the existing system that benefits future users by the number of future users that are expected to benefit from the system in order to calculate the connection fee.

$$\textbf{\textit{Buy In Connection Fee}} = \frac{\textbf{\textit{Value of System Benefitting Future Users}}}{\textbf{\textit{Expected Future Users}}}$$

3.2.2 Incremental Approach

The Incremental approach recovers the cost in present value (FY 2014/15) dollars of the Agency's planned investments that it will undertake to add to serve future development. Projects included in the Agency's capital improvement program have two primary purposes – maintain reliability of existing infrastructure; and increase system capacity. In the Incremental approach, the future system value is segregated between those two purposes. The costs of each project are associated in some percentage to either or both of these purposes. This is achieved by determining the approximate portion of each asset that benefits either existing customers or future users. In the incremental approach, the current value of planned capital improvements that will serve future users through the Agency's planning horizon of 2035 is divided by the expected number of future users through 2035.

The future cost basis accounts for capacity related improvements that will be constructed through 2035. The costs of these improvements are estimated in present value terms (FY 2014/15 dollars). Costs are fairly and reasonably spread over all future users by dividing the

total system value by the total number of future users that are projected to receive water service by 2035.

$$Incremental\ Capacity\ Fee = \frac{Capacity\ Related\ CIP}{Expected\ Future\ Users}$$

3.2.3 Hybrid Connection Fee Approach

The Hybrid (Combined) Approach combines the Buy-In and Incremental approaches. Current system value is added to the costs of capacity related capital projects, and divided by the expected future customers.

$$Hybrid\ Connection\ Fee =$$

$$\frac{Value\ of\ System\ Benefitting\ Future\ Users}{Expected\ Future\ Users} + \frac{Capacity\ Related\ CIP}{Expected\ Future\ Users}$$

3.2.4 Recommended Approach

Based on the characteristics of the Agency's water system and discussion with Agency Staff, Carollo recommends that the hybrid approach be used for the calculation of the water connection fee. Both the IEUA's potable water system and recycled water system hold available capacity that has been funded by existing users, which drives the need for a Buy-In component. Additionally, the CIP is designed to expand system capacity, calling for an incremental component. Using the hybrid approach establishes a nexus between the value of the existing and future system, and between the benefits of capital investments to existing customers and future users. The hybrid approach is commonly utilized by other agencies such as the comparable agencies of the City of Riverside, Sacramento Regional County Sanitation District, and the San Diego County Water Authority.

4.0 WATER CONNECTION FEE

In order to calculate the Water connection fee for IEUA, based on the equation presented above, three separate steps must be taken as follows:

1. The Value of the Existing System must be determined. This includes determining the value of the existing assets.
2. The Value of the Future System, or synonymously the Capacity Related CIP, and the portion allocated to future users must be determined.
3. The Customer Base must be determined. This includes the number of Expected Future Users by buildout and the number of Total Users by buildout.

The following sections of the report outlines each of these steps.

4.1 Value of the Existing System

This section presents the value of the combined existing system and accounts for fixed assets, construction in progress, reserves, and contributions from grants and the Chino Basin Watermaster (CBWM).

4.1.1 Net Capital Asset Equity

Net capital asset equity represents the current value of the physical water systems funded by existing ratepayers, less accumulated depreciation. This approach accounts for the fact that system assets have been in service and no longer have the full useful life. The terms related to the calculation of net capital asset equity are defined as shown below.

1. Replacement Cost New- Current value of the existing water or sewer system. Original costs are escalated to FY 2014/15 dollars using Engineering News Record Construction Cost Index (ENR-CCI).
2. Construction in Progress- capital projects currently under construction, not captured in the Existing Plant-In-Service asset records.
3. Capital Costs Not Funded by Existing Ratepayers- These include developer-funded assets and are excluded from the ratepayers' equity calculation.
4. Depreciation- Represents the loss in value of the system as the useful life of that asset is exhausted.

Throughout the remainder of this report, the value of the physical system will be referred to as Replacement Cost New Less Depreciation (RCNLD).

4.1.1.1 Valuation of Physical Assets

The RCNLD represents the value of each system's physical assets. The RCNLD for each system was calculated based on the Agency's Fixed Asset Schedule (physical asset records). The RCNLD of all Agency Fixed Assets are summed into different assigned asset groups. Table 4.1 presents the RCNLD for the water system. The value of the RCNLD that is benefitting future users is based on the ratio of existing to total future MEUs.

Table 4.1 Value of Fixed Assets

System	RCNLD ($ million)	Value Benefitting Future Users[1]
Water	$55.5	$10.3
Recycled Water	147.5	27.2
Total	**$203.1**	**$37.5**

Notes:
(1) Future users' benefit calculated based on the percentage of all MEUs, by buildout, that will be new (connected after 2015), 18%.

It is important to note that the value of the existing system assets have been reduced by depreciation in order to prevent double counting of asset values. The calculations for these allocated asset values are included in Appendix A.

4.1.2 Construction in Progress

The Agency's Construction in Progress are costs associated with the portion of Capital Improvement Plan projects that have been expensed. However, the projects are not yet recorded as Fixed Assets. These can include construction-in-progress projects as well as projects completed in a fiscal year. In this case we are concerned with projects from FY 2013/14 because they are projects that are not included in the fixed asset list described above and are also not included in the future capital projects, which will be described below. We have allocated these projects to growth and existing users on a project-by-project basis in the same fashion that the fixed assets were allocated. Table 4.2 below presents the results of these calculations. A listing of these projects is included at the end of Appendix B.

Table 4.2 Construction in Progress & Completed Projects FY 2013/14

Fund	Total Construction in Progress Costs ($ millions)	Costs Allocated To Growth ($ millions)	Costs Allocated to Existing Customers ($ millions)
Recycled Water (WC)	$29.0	$5.7	$23.4
Recharge Water Fund (RW)	0.5	0.1	0.4
Water Resources Fund (WW)	0.2	0.0	0.1
Total Cost	**$29.8**	**$5.8**	**$24.1**

4.1.3 Reserves

The fund balances at the beginning of FY 2014/15 in the Water Resources Fund make up the potable reserves component of the value of the existing water system. The Recycled Water Fund and the Recharge Water Fund together make up the recycled reserves component. Additionally, portions of the Administrative Service Fund, proportionate to the percentage of all Fixed Assets that are associated with the potable water and recycled water systems, are included in the value of the combined existing water system. These portions of the Administrative Service Fund are included because they are assets that future users benefit from that have already been paid for by existing users. Other funds, which have not been included within this connection fee calculation, are associated with the wastewater system. Table 4.3 presents the water fund balances at the beginning of FY 2014/15.

Table 4.3 Reserves

Fund	Balance ($ million)	Value Benefitting Future Users[1]
Water Resources (WW)	$1.3	$0.2
Recycled Water Fund (WC)	17.3	3.2

Table 4.3 Reserves		
Fund	**Balance ($ million)**	**Value Benefitting Future Users[1]**
Recharge Water (RW)	3.4	0.6
Administrative Services (GG)	5.3	1.0
Total Water Reserves	**$27.3**	**$5.0**

Notes:
(1) Benefit calculated based on the percentage of all MEUs by Buildout that are new, 18%.

Each reserve balance represents monetary value that a new user buys into when they join the system. Therefore, reserves are assets that are divided amongst both the existing customers and future users in the system. After estimating the number of future users in the system in a later section, the future users' share of the reserve balances can be calculated. The funds are assets that benefit both existing customers and future water users. Therefore, they are included in the value of the existing system as costs for which future users must reimburse existing customers.

4.1.4 Offsetting Revenues

4.1.4.1 Property Tax Credit

The Agency has not used property tax revenue to fund water system capital projects. Therefore, there is no credit for property tax collections from undeveloped properties.

4.1.4.2 Grant and Water Master Funded Projects

The Agency provided a summary of project costs from FY 2001/02 through FY 2013/14 that are eligible to be reimbursed by the Chino Basin Watermaster (CBWM). Additionally, data describing the value of grant funding over the same time period was provided. Each year's funding receipt was escalated to FY 2014/15 and summed. The present value of the grant and CBWM contributions are excluded from the value of the existing system because they represent values of fixed assets that were not funded by rate payers. Table 4.4 presents the total credit representing contributions made by outside sources.

Table 4.4 Outside Funding Contributions		
Source	**Escalated Contribution, $M**	**Value Benefitting Future Users[1]**
Grants	$36.2	$6.7
CBWM	3.7	0.7
Total	**$39.9**	**$7.4**

Notes:
(1) Benefit calculated based on the percentage of all MEUs by Buildout that are new, 18%.

4.2 Value of the Future System

4.2.1 Capital Projects

The value of the future system is determined by evaluating the capital investments that will expand system capacity in order to provide water supplies for future users. As noted previously, IEUA has developed several planning documents to help determine the need for capital investments. These documents include Capital Improvement Plans (CIPs) for both the water and sewer systems through 2035. Only the projects that provide a benefit to future users are included as a cost element in the calculation of connection fees.

The potable and recycled water CIP projects that are included in the calculation of the connection fee include the following:

- Potable:
  - Agency Headquarters maintenance and improvements
  - Conservation Programming
  - Planning Documents
  - Drought Resiliency Projects
- Recycled:
  - Agency Headquarters maintenance and improvements
  - Reservoir and Basin Improvements
  - Pipeline Capacity Upgrades
  - Hydraulic Modeling
  - Recharge Basin Construction

The future capital projects that add capacity specifically benefitting future development or upgrade the system in a manner that benefits both future and existing users are evaluated on a project-by-project basis to determine the amount that should be allocated to future users. Based on this approach, projects that are undertaken strictly to expand capacity for future users are allocated 100% to future customers. Appendix B presents the total project cost and allocation to future users of each CIP project. In Appendix B most of the projects are allocated based on the proportion of existing MEUs versus future total MEUs (identical to that which was completed for the existing assets). However, some projects are allocated based on a known proportion of capacity that is for existing users versus future users. For example, the RP-1 1158 Pump Station Expansion (about 1/2 way down in the Appendix B list of projects) has an existing capacity of 14 million gallons per day (MGD), the proposed expansion will increase it to approximately 32 MGD to have the ability to deliver all of the treated wastewater into the northern RW pressure zones. Project costs corresponding to existing customers is calculated to be 44% (14 / 32) and future customers 56% (18 / 32). A description of the other projects that are allocated in this way is included in Appendix B.

Table 4.5 summarizes the portion of the project costs, by fund, that are allocated to future users and that are planned for the Agency's water system through 2035. It should be noted that regardless of which fund the capital projects are listed in (e.g., WW, WC, RW) they are all capital projects and can have allocations to both existing and future customers (growth).

Table 4.5 Water Capital Improvement Projects			
Fund	**Total Water Project Costs ($ million)**	**Total Costs Allocated to Growth ($ million)**	**Total Costs Allocated to Existing Customers ($ million)**
Water Resources (WW)	$53.7	$7.7	$46.0
Recycled Water (WC)	151.4	80.9	70.5
Recharge Water (RW)	2.4	0.2	2.2
Administrative Services (GG)[1]	1.5	0.3	1.2
Total Projects	**$209.0**	**$89.1**	**$120.0**

Notes:

(1) 95% of the costs in the CIP that are both associated with the GG Fund and allocated to growth are spent towards projects to develop the wastewater system. 5% of the GG Fund costs are allocated to the water CIP. 5% of the GG Fund capital expenses are included here.

4.3 Customer Base

As stated above, connection fees are calculated by dividing the monetary value of the existing and/or future system by the number of existing and/or future customers. The number of customers is typically expressed as meter equivalent units (MEUs).

4.3.1 Meter Equivalent Units

The MEU is the measure of a customer's water consumption as a ratio to the consumption of a typical single-family residence. A commercial customer's impact is calculated based on this ratio while a single-family residence is assumed to have the consumption of exactly one MEU. The number of MEUs in the water system is calculated through the following steps:

1. Determine the MEU consumption assumption.
2. Determine the current water consumption in order to calculate the number of existing customers; and determine the projected water consumption in order to calculate the number of future users.
3. Calculate the number of MEUs.

4.3.1.1 MEU Water Consumption Assumption

The first step is to determine the appropriate assumed water consumption of a single-family residence. The local member agencies each provided account data describing their total number of accounts of each meter size. IEUA provided the assumed relationship between the

number of MEUs and meter size. The current calculated number of MEUs within the water system is 414,529. Appendix C presents the details of these calculations.

The Agency provided historical and projected potable and recycled water consumption. To calculate the consumption assumption per MEU, the combined water consumption was divided by the calculated total number of MEUs. Table 4.6 presents the results of this calculation.

Table 4.6 MEU Consumption Assumption	
Current Consumption, AFY	234,082[1]
MEUs	414,529[2]
AFY/MEU	0.56
gpd/MEU	500

Notes:
(1) Current consumption was estimated using actual 2013 and 2014 consumptions and growth rate.
(2) Includes MEUs for potable and recycled water connections.

The Agency and the member agencies provided historical water consumption and projected growth data. This information is presented in Table 4.7. Using this information and the calculated MEU consumption assumption, the new and total number of MEUs by buildout was calculated.

4.3.1.2 Total Water Consumption

Table 4.7 Water Customer Base			
	Existing, 2015	**Total, 2035**	**New**
Consumption Projection, AFY	234,082	287,082	53,000
Consumption Projection, mgd	209	256	47
MEU Consumption, gpd	500	500	500
MEUs	414,529	508,385	93,856

4.4 Proposed Connection Fees

Based on the defined Value of the Existing System, the Value of the Future System (Capacity Related CIP), and the Number of Expected Future and Total Users, the hybrid potable water connection fee is calculated as follows:

$$\textit{Hybrid Connection Fee} = \frac{\textit{Value of System Benefitting Future Users} + \textit{Capacity Related CIP}}{\textit{Expected Future Users}} =$$

$$\frac{\textbf{\textit{Value of System Benefitting Future Users}}}{\textbf{\textit{Expected Future Users}}} = \frac{\$40,951,523}{93,856} = \$436$$

+

$$\frac{\textbf{\textit{Capacity Related CIP}}}{\textbf{\textit{Expected Future Users}}} = \frac{\$89,059,698}{93,856} = \$949$$

The hybrid connection fee is shown below.

$$\textbf{\textit{Hybrid Connection Fee}} = \$436 + \$949 = \$1,385$$

5.0 SUMMARY

In summary, the proposed water connection fee is $1,385 per MEU. Table 5.1 shows the detailed calculation of the charge.

Table 5.1 Summary Potable Water Fee Calculation	
Buy-In Portion	
RCNLD	$37,491,974
Construction in Progress	5,792,700
Reserves	5,031,408
Less: Grant and Water Master Funding	(7,364,559)
Subtotal: Reimbursement Value	*$40,951,523*
Customer Base	
Future Customers, 2035	93,856
Buy-In (Reimbursement)	**$436**
Incremental Portion	
Subtotal: Growth Related Costs by 2035	*$89,059,698*
Customer Base	
Additional Customers	93,856
Incremental (Expansion)	**$949**
Total Water Hybrid Connection Fee	**$1,385**

APPENDIX A – FIXED ASSET RECORDS

Summary By Group

Assigned Asset Group		Trended Acq Cost	Trended Accumulated Depr	RCNLD	Percent of RCNLD	Percent Depreciated	Percent of RCNLD (Excluding General)	Allocation to Growth
Recycled Water		170,917,572	(23,368,312)	147,549,260	18.9%	14%	19.5%	$ 27,239,977
Water		65,034,776	(9,503,357)	55,531,418	7.1%	15%	7.3%	$ 10,251,997
One Water	**One Water**			**$ 203,080,679**				**$ 37,491,974**

Asset	Asset description	Additional description	Assigned Asset Group	Acq Year	ENR Factor	Trended Acq Cost	Trended Accumulated Depr	RCNLD
200017	TS07404-Package D, Ph 2A Wells RP3	Recharge Enhancement Project	Water	2008	1.20	615,946	(13,246)	602,700
150068	MWD TURNOUT TO 8TH ST. BASINS	:	Water	2007	1.25	253,213	(32,918)	220,295
200002	GROUNDWATER HYDRAULIC MONT. WELLS	:	Water	2007	1.25	831,756	(108,128)	723,628
200003	HCMP NON WELL SPECIFIC	:	Water	2007	1.25	498,951	(64,864)	434,087
200004	HICKORY BASIN LYSIMETER-PHASE 1	:	Water	2007	1.25	132	(17)	115
200005	HCMP Well #2	:	Water	2007	1.25	125,642	(16,334)	109,309
200006	HCMP Well #3	:	Water	2007	1.25	177,040	(23,015)	154,025
200007	Banana Basin Lysimeters(2)Phsl	:	Water	2007	1.25	264	(34)	230
200008	HCMP Well #5	:	Water	2007	1.25	138,247	(17,972)	120,275
200009	Gmdwtr Monitoring Well BH1	:	Water	2007	1.25	153,694	(19,980)	133,714
200010	HCMP Well #7	:	Water	2007	1.25	264,096	(34,332)	229,763
200011	HCMP Well #8	:	Water	2007	1.25	119,423	(15,525)	103,898
200012	HCMP Well #9	:	Water	2007	1.25	128,897	(16,757)	112,141
200013	HCMP Well-Turner #2 & #4	:	Water	2007	1.25	282,626	(36,741)	245,885
200014	GMW DECLEZ BASIN PHASE 1	:	Water	2007	1.25	820	(107)	714
200015	RP3 BASIN #1,3,4 (Phase 1)	:	Water	2007	1.25	4,914	(639)	4,275
200016	TS07404-Package D, Ph 2A Wells RP3	TS07404-Package D, Ph 2A Wells RP3	Water	2008	1.20	2,858	(257)	2,601
200017	TS07404-Package D, Ph 2A Wells RP3	TS07404-Package D, Ph 2A Wells RP3	Water	2008	1.20	1,298,839	(116,896)	1,181,943
200018	TS07404-Package D, Ph 2A Wells RP3	TS07404-Package D, Ph 2A Wells RP3	Water	2008	1.20	5,540	(499)	5,041
200019	TS07404-Package D, Ph 2A Wells RP3	TS07404-Package D, Ph 2A Wells RP3	Water	2008	1.20	4,654	(419)	4,235
400499	JRS 500 GALLON FUEL TANK & TRAILER		Water	2007	1.25	12,079	(12,079)	-
500008	TITLE 22 PHASE II REPORT		Water	2007	1.25	308,590	(308,590)	-
601481	3 10HP MODY PUMPS	:	Water	2007	1.25	19,847	(19,847)	-
600630	RP1-FLOWMETER.110V.PHOENIX	06LB06009/01:Recharge Water Prog. Admin	Water	2006	1.28	28,321	(28,321)	-
600631	RP1 SAMPLER. STS-8000	06LB06009/02:Recharge Water Prog. Admin	Water	2006	1.28	10,181	(10,181)	-
600632	RP1-WKSTN W/TOC TALK SOFT W/K	06LB06009/03:Recharge Water Prog. Admin	Water	2006	1.28	6,631	(6,631)	-
600633	SEGMNTD FLOW ANALYZR	06LB06010:Recharge Water Prog. Admin	Water	2006	1.28	70,933	(70,933)	-
601480	ION CHROMATOGRAPH		Water	2007	1.25	41,839	(41,839)	-
400495	RP3 Basin-IEUA		Water	2007	1.25	5,786,624	(828,539)	4,958,085
400496	RUBBER DAMS-IEUA		Water	2007	1.25	783,621	(112,200)	671,421
400497	SCADA SYSTEMS-IEUA		Water	2007	1.25	5,617,649	(804,345)	4,813,304
400498	CB MWD TURNOUTS-IEUA		Water	2007	1.25	1,936,448	(277,264)	1,659,183
400499	JURUPA FORCE MAIN PIPELINE-IEUA		Water	2007	1.25	4,090,469	(585,681)	3,504,788
400500	HICKORY FORCE MAIN PIPELINE-IEUA		Water	2007	1.25	942,561	(134,958)	807,604
400501	MITIGATION SITE DEVELOPMENT-IEUA		Water	2007	1.25	440,785	(63,112)	377,672
400502	RW02428-RUBBER DAM @ SAN SEVAINE-IEUA		Water	2007	1.25	177,237	(25,377)	151,860
400503	RW02411-UPLAND BASIN-IEUA		Water	2007	1.25	835,642	(119,649)	715,994
400504	CB RECHARGE FACILITY IMPROVEMENT@ 41%-IEUA		Water	2007	1.25	2,819,311	(403,674)	2,415,637
400505	CB RECHARGE FAC 2/19/02 & PRIOR-IEUA		Water	2007	1.25	283,064	(40,530)	242,534
400536	SAN DEVAINE BASINS #1, #2, #3-SBCFCD		Water	2008	1.20	99,071	(10,898)	88,173
400536	LOWER DAY CREEK BASIN #1, #2-SBCFCD		Water	2008	1.20	1,215,121	(133,663)	1,081,458
400536	8TH ST BASINS #1, #2-SBCFCD		Water	2008	1.20	2,322,321	(255,455)	2,066,866
400536	DECLEX BASIN-SBCFCD		Water	2008	1.20	1,182,591	(130,085)	1,052,506
400536	ETIWANDA CONSERVATIONS PONDS -SBCFCD		Water	2008	1.20	40,096	(4,411)	35,685
400536	BANANA BASIN-SBCFCD		Water	2008	1.20	352,329	(38,756)	313,572
400536	HICKORY BASIN-SBCFCD		Water	2008	1.20	1,011,580	(111,274)	900,306
400536	JURUPA BASIN-SBCFCD		Water	2008	1.20	3,553,414	(390,875)	3,162,538
400536	TURNER BASIN #1-SBCFCD		Water	2008	1.20	1,790,022	(196,902)	1,593,119
400536	TURNER BASIN #2, #3, #4-SBCFCD		Water	2008	1.20	1,798,485	(197,833)	1,600,652
400536	ELY BASIN #1, #2-SBCFCD		Water	2008	1.20	1,156,918	(127,261)	1,029,657
400536	VICTORIA BASIN-SBCFCD		Water	2008	1.20	1,302,045	(143,225)	1,158,820
400536	SAN SEVAINE BASINS #4,#5-SBCFCD		Water	2008	1.20	779,938	(85,793)	694,145
400536	ETIWANDA SPREADING BASINS-SBCFCD		Water	2008	1.20	1,695	(186)	1,508
400536	CB RECHARGE FACILITY IMPROV-SBCFCD		Water	2008	1.20	2,271,425	(249,857)	2,021,568
400536	CB-RECHARGE FAC 2/19/02 & PRIOR-SBCFCD		Water	2008	1.20	228,055	(25,086)	202,969
400536	COLLEGE HEIGHT BASIN-CBWCD		Water	2008	1.20	2,631,063	(289,417)	2,341,646
400536	BROOKS STREET BASIN-CBWCD		Water	2008	1.20	1,204,510	(132,496)	1,072,014
400536	MONTCLAIR BASINS #1,2,3,4-CBWCD		Water	2008	1.20	6,826	(751)	6,075
400536	ELY BASIN #3		Water	2008	1.20	902	(99)	803
400536	CB RECHARGE FACILITY IMPROVEMENT-CBWCD		Water	2008	1.20	525,712	(57,828)	467,883
400536	CB RECHARGE FAC 2/19/02 & PRIOR		Water	2008	1.20	52,782	(5,806)	46,976
900135	SCADA SYSTEM EXPANSIONS		Water	2008	1.20	104,103	(57,256)	46,846
300434	36" SD & Catch Basins - Upland	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	1,036,889	(38,883)	998,006
400840	San Sevaine Basin S New Gate	Recharge Enhancement Project	Water	2012	1.07	34,951	(1,049)	33,902
400841	RP1 Com Tower	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	171,906	(5,157)	166,749
400842	RP4 Com Tower	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	191,895	(5,757)	186,138
400843	CB20 Meter-Upland MWD	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	53,789	(1,614)	52,175
400844	CB14 Floe Meter-Rancho MWD	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	62,875	(1,886)	60,989
400845	Rancho Cucamonga CB14 Piping	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	199,164	(5,975)	193,189
400846	San Sevaine Berm	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	104,027	(3,121)	100,906
400847	Upland CB20 Structure	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	1,005,997	(30,180)	975,817
400848	Rancho Cucamonga CB14 Structure	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	1,071,416	(32,142)	1,039,273
602172	Turner Basin SCADA Improvements	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	380,170	(38,017)	342,153
602173	Lower Day SCADA Improvemetns	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	380,056	(38,006)	342,050
602174	San Savine Basin SCADA Improvements	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	343,812	(34,381)	309,431
602175	Upland Basin SCADA Improvements	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	252,953	(25,295)	227,658
602176	Brooks Basin SCADA Improvements	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	289,297	(28,930)	260,367
602177	Upland CB20 Electrial Run	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	280,938	(28,094)	252,844
602178	Rancho Cucamonga CB14 Electrial Run	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	335,453	(33,545)	301,908
602179	CB20 Butterfly Valve-Upland MWD	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	96,843	(14,526)	82,316
602180	CB14 Butterfly Valve-Rancho MWD	CB-14 & CB-20 Pipe Installation and Basin	Water	2012	1.07	96,641	(14,496)	82,145
200020	TS07404-4 Package D Phase 2A Wells RP3	TS07404-4 Package D Phase 2A Wells RP3	Water	2009	1.16	715	(64)	651
200021	TS07404-4 Package D Phase 2A Wells RP3	TS07404-4 Package D Phase 2A Wells RP3	Water	2009	1.16	261	(24)	238
200022	TS07404-4 Package D Phase 2A Wells RP3	TS07404-4 Package D Phase 2A Wells RP3	Water	2009	1.16	183	(16)	166
200023	TS07404-4 Package D Phase 2A Wells RP3	TS07404-4 Package D Phase 2A Wells RP3	Water	2009	1.16	9,007	(811)	8,197
200024	TS07404-4 Package D Phase 2A Wells RP3	TS07404-4 Package D Phase 2A Wells RP3	Water	2009	1.16	56	(5)	51
200025	TS07404-4 Package D Phase 2A Wells RP3	TS07404-4 Package D Phase 2A Wells RP3	Water	2009	1.16	113,810	(10,243)	103,567
400593	EXPANSION RECHARGE SYSTEM		Water	2008	1.20	229,406	(25,235)	204,172
400743	CBFI-RECHARGE BASIN IMPROVEMENTS-PHASE II		Water	2010	1.13	2,782,756	(194,792)	2,587,964
601567	MECHANCIAL EQUIP		Water	2008	1.20	293,668	(107,678)	185,990
601567	MECHANCIAL EQUIP		Water	2008	1.20	2,642	(969)	1,673
601567	MECHANCIAL EQUIP		Water	2008	1.20	710	(260)	450
601567	MECHANCIAL EQUIP		Water	2008	1.20	7,345	(2,454)	4,891
300441	Turner Basin 4" Under Ground Pipeline	Temporary Turner Basin Turnout	Water	2013	1.04	24,947	(312)	24,635
602309	Turner Basin Cla-Val Valve Assembly	Temporary Turner Basin Turnout	Water	2013	1.04	12,057	(603)	11,454
602310	Turner Basin MC Propeller Meter	Temporary Turner Basin Turnout	Water	2013	1.04	7,355	(368)	6,987
602311	V Mueller Gate Valve	Temporary Turner Basin Turnout	Water	2013	1.04	5,272	(264)	5,009

601836	STEPSAVER EXTRACTION HEAD 47MM FILTER	STEPSAVER EXTRACTION HEAD 47MM FILTER	Water	2009	1.16	[illegible]	(408)	45
601837	STEPSAVER EXTRACTION HEAD 90MM FILTER	STEPSAVER EXTRACTION HEAD 47MM FILTER	Water	2009	1.16	1,341	(1,207)	134
601838	STEPSAVER KIT 47MM 100ML	STEPSAVER EXTRACTION HEAD 47MM FILTER	Water	2009	1.16	630	(567)	63
601839	6-PLACE STAINLESS STEEL MANIFOLD	STEPSAVER EXTRACTION HEAD 47MM FILTER	Water	2009	1.16	1,887	(1,698)	189
601889	5975C STAND TURBO W/IGE - AUTOSAMPLER		Water	2010	1.13	64,441	(32,221)	32,221
601890	LASERJET P3005D		Water	2010	1.13	827	(413)	413
601891	DC7700 SFF COMPAQ		Water	2010	1.13	6,307	(3,153)	3,153
601892	G1701EA MS SW		Water	2010	1.13	10,262	(5,131)	5,131
601893	7890, SSV! - SAMPLE CONCENTRATOR		Water	2010	1.13	20,768	(10,384)	10,384
601894	AGILENT G3242A 5975C		Water	2010	1.13	50,253	(25,127)	25,127
601895	SOFTWARE		Water	2010	1.13	11,075	(7,753)	3,323
601896	REFRIGERATOR EQUATHERM 11 FT.		Water	2010	1.13	4,005	(2,002)	2,002
700111	Modular Building		Water	2008	1.20	45,838	(13,751)	32,087
700112	Skirting; Includes Installation		Water	2009	1.16	2,069	(621)	1,448
601582	INSTALL 6 TURBIDITY METERS		Water	2008	1.20	47,360	(37,211)	10,148
400504	WR02016-CB RECHARGE FACILITY IMPROVEMENT@ 41%-IEUA		Water	2007	1.25	292,684	(20,488)	272,196
150069	INTERIM GROUND WATER RECHARGE		Recycled Water	2007	1.25	254,626	(33,101)	221,525
300171	RECYCLE WATER EMERGENCY PIPLINE REPAIRS		Recycled Water	2007	1.25	1,017	(1,017)	-
300376	EN06023-RW Lines Reimbursement City Chino	EN06023-RW Lines Reimbursement City Chino	Recycled Water	2008	1.20	6,547	(589)	5,957
601483	ETIWANDA AVE PUMP STN-12KGPM	:	Recycled Water	2007	1.25	3,391	(1,469)	1,921
150055	AIR PHOTOS CHINO BASIN.DIGITAL	04PL04003:Regional Administration	Recycled Water	2004	1.40	18,421	(18,421)	-
150071	RECYCLE WATER SYSTEM ETIWANDA POWER PLANT	:	Recycled Water	2007	1.25	1,381,255	(179,563)	1,201,692
300008	4TH ST RECYCLED WATER PIPELIN	06EN01020:RP1 - Recycled Water	Recycled Water	2006	1.28	9,599,713	(1,439,957)	8,159,756
300010	PINE AVENUE RECYCLED WATER LINE	06EN01025:RP1 - Recycled Water	Recycled Water	2006	1.28	1,345,304	(201,796)	1,143,508
300015	PHILADELPHIA RECYC WTR PIPLIN	06EN03028:RP1 - Recycled Water	Recycled Water	2006	1.28	4,371,065	(655,660)	3,715,405
300172	WINEVILLE AVE REG PIPELINE PHASE I	:	Recycled Water	2007	1.25	1,715,329	(222,993)	1,492,336
600166	20 REC WTR SYS HYDRANTS/METER	06EN01007:RP2 - Solids Handling	Recycled Water	2006	1.28	222,413	(166,810)	55,603
150070	RP4 OUTFILL GROUNDWATER REC	:	Recycled Water	2007	1.25	334,096	(43,432)	290,664
300168	RP4 ETIWANDA EXTENSION TO 210	06WR02002:RP4 - Recycled Water	Recycled Water	2006	1.28	3,986,444	(1,993,222)	1,993,222
400018	RP1/RP4 RECYCLE WATER PUMP STATION PH	06EN01024:RP4 - Recycled Water	Recycled Water	2006	1.28	10,011,680	(1,501,752)	8,509,928
900002	RP3-STORMWATER PERCOLATION FA	04EN01018:RP3 - Primary/Secondary	Recycled Water	2004	1.40	67,141	(21,261)	45,880
300011	WR-RECYCLED WATER PIPELINE RE	02EN01028:CCWRF - Recycled Water	Recycled Water	2002	1.52	433,627	(332,448)	101,180
300031	CCWRF Recycled Water System Phase	00EN92023:CCWRF - Recycled Water	Recycled Water	2000	1.60	9,404,759	(2,539,285)	6,865,474
400833	Philadelphia Pump Station 2" Sch 80 PVC pipe	NRWS Philadelphia Pump Station	Recycled Water	2012	1.07	30,888	(927)	29,961
400834	Philadelphia Pump Station 2" Galvanized Pipe	NRWS Philadelphia Pump Station	Recycled Water	2012	1.07	39,322	(1,180)	38,143
400835	Philadelphia Pump Station 6" PVC Pipe	NRWS Philadelphia Pump Station	Recycled Water	2012	1.07	12,846	(385)	12,461
602162	Philadelphia Pump Station PRV Valve	NRWS Philadelphia Pump Station	Recycled Water	2012	1.07	29,026	(4,354)	24,672
602163	Philadelphia Pump Station 6" Gate Valve	NRWS Philadelphia Pump Station	Recycled Water	2012	1.07	1,835	(275)	1,560
300405	RP1 Electrical	RP1 South RW Pump Station	Recycled Water	2011	1.10	468,789	(29,299)	439,490
300406	RP1 Mechanical	RP1 South RW Pump Station	Recycled Water	2010	1.13	533,136	(33,321)	499,815
300407	RP1 Panel Boards & G.P. Dry Type Transformer	RP1 South RW Pump Station	Recycled Water	2010	1.13	104,777	(6,549)	98,229
300408	RP1 480v Main Switchgear	RP1 South RW Pump Station	Recycled Water	2010	1.13	209,466	(13,092)	196,374
300409	RP1 Variable Frequency Drive Units	RP1 South RW Pump Station	Recycled Water	2010	1.13	519,760	(32,485)	487,275
300411	24" STEEL PIPING Transmission Lines	Installation of PRV Between 1158 and 1050	Recycled Water	2012	1.07	307,737	(11,540)	296,197
300412	1299 E RW Pipeline 36" 13,000 feet	SBLS Critical Spare Equip Purchase	Recycled Water	2012	1.07	5,880,855	(218,952)	5,661,903
300416	RW Pipeline 36" 13,000 feet	1630 E Pipeline Segment A	Recycled Water	2012	1.07	8,685,769	(325,716)	8,360,052
300438	1299 E Reservoir	1299 E Res Conv & 1630 E Pump Station	Recycled Water	2013	1.04	3,112,487	(38,906)	3,073,581
300439	1299 E Reservoir Conversion	1299 E Res Conv & 1630 E Pump Station	Recycled Water	2013	1.04	127,746	(1,597)	126,149
300442	Ontario/Rancho Cucamonga/Upind Recayled Wtr PIPEL	1630 W Recycled Pipeline Seg. B & Lateral	Recycled Water	2013	1.04	254,219	(3,178)	251,041
300444	Ontario/Rancho Cucamonga/Upland 24" CML&C Pipelir	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	6,758,188	(84,477)	6,673,711
300446	1630 W Pump Station Multiple Mechanical	Piping, Valves, Supports	Recycled Water	2013	1.04	1,138,046	(14,226)	1,123,821
400773	RW Fire Hydrant & Blow-off		Recycled Water	2011	1.10	58,620	(2,931)	55,689
400794	RP1 Pre-Engineered Metal Building	RP1 South RW Pump Station	Recycled Water	2010	1.13	166,611	(8,331)	158,280
400795	RP1 Pump Station Facility	RP1 South RW Pump Station	Recycled Water	2011	1.10	1,492,969	(74,648)	1,418,321
400859	1630 E Pump Station	1299 E Res Conv & 1630 E Pump Station	Recycled Water	2013	1.04	4,091,629	(40,916)	4,050,713
400868	1630 W Recycled Water Pump Station Structure	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	828,536	(8,285)	820,250
400869	1630 W Recycled Wtr Pump Station Surge Tank	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	204,323	(3,405)	200,918
602053	RP1 Vertical Turbine Pumps & Motors	RP1 South RW Pump Station	Recycled Water	2010	1.13	1,057,366	(264,341)	793,024
602054	RP1 Combination Air, Butterfly, Check, Prss VALVES	RP1 South RW Pump Station	Recycled Water	2010	1.13	291,186	(72,797)	218,390
602055	RP1 Low Voltage Motor Control Center	RP1 South RW Pump Station	Recycled Water	2010	1.13	71,383	(17,846)	53,538
602056	RP1 Medium Voltage Switching Center	RP1 South RW Pump Station	Recycled Water	2010	1.13	379,224	(189,612)	189,612
602057	RP1 HVAC	RP1 South RW Pump Station	Recycled Water	2010	1.13	45,427	(22,713)	22,713
602090	CLA-VAL PRV Discharge Valve	Installation of PRV Between 1158 and 1050	Recycled Water	2012	1.07	117,378	(17,607)	99,772
602091	24" Mag Flow Meters	Installation of PRV Between 1158 and 1050	Recycled Water	2012	1.07	60,119	(9,018)	51,101
602092	24" BUTTERFLY VALVE	Installation of PRV Between 1158 and 1050	Recycled Water	2012	1.07	15,386	(2,308)	13,078
602106	ABB Water Master 14" Mag Meter	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	23,580	(3,537)	20,043
602107	APCO Eccentric Plug Valve	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	8,885	(1,333)	7,552
602108	Combination Air Valve	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	8,885	(1,333)	7,552
602109	12" Sleeve Valve - Electric Actuator	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	241,232	(36,185)	205,047
602110	Encore 700 Metering Chemical Pump/Skid	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	191,535	(28,730)	162,805
602127	RP5 Allen-Bradley MCC's VFD's and Pwr Circuit Brks	RP-5 Recycled Water Pump Station Expansion	Recycled Water	2012	1.07	425,111	(42,511)	382,600
602128	RP5 5 12" Pressure & 2"&3" Combinatin Relief Valve	RP-5 Recycled Water Pump Station Expansion	Recycled Water	2012	1.07	43,938	(6,591)	37,347
602129	RP5 5 each 10"&12" and 9 each 14"DeZurik Butterfly	RP-5 Recycled Water Pump Station Expansion	Recycled Water	2012	1.07	75,079	(11,262)	63,817
602130	RP5 Pipe, Fittings & Tilted Disc Valves	RP-5 Recycled Water Pump Station Expansion	Recycled Water	2012	1.07	259,354	(38,903)	220,451
602131	RP5 Flowserve 12 HF-16HD Pumps	RP-5 Recycled Water Pump Station Expansion	Recycled Water	2012	1.07	539,579	(80,937)	458,642
602132	RP5 GE 150 HP, 1800 RPM Duty Motors	RP-5 Recycled Water Pump Station Expansion	Recycled Water	2012	1.07	548,845	(164,654)	384,192
602170	RP1 Soccer Complex Leeking Valve	CM Misc WC Construction & Emerg Proj	Recycled Water	2012	1.07	42,999	(6,450)	36,549
602211	1630 W Pump Station Communication Monopole Towe	1630 W. Pump Station Communication Tower	Recycled Water	2013	1.04	149,583	(14,958)	134,624
602228	800 Zone Electrical Contal Panels	800 Zone Flow Meter Installation	Recycled Water	2013	1.04	9,291	(465)	8,826
602228	800 Zone Electrical Contal Panels	800 Zone Flow Meter Installation	Recycled Water	2013	1.04	9,291	(465)	8,826
602228	800 Zone Electrical Contal Panels	800 Zone Flow Meter Installation	Recycled Water	2013	1.04	9,291	(465)	8,826
602229	800 Zone Pressure Regulating Valve System	800 Zone Flow Meter Installation	Recycled Water	2013	1.04	65,037	(3,252)	61,785
602236	Vertical Turbine Pump	1299 E Res Conv & 1630 E Pump Station	Recycled Water	2013	1.04	613,935	(30,697)	583,238
602236	Vertical Turbine Pump	1299 E Res Conv & 1630 E Pump Station	Recycled Water	2013	1.04	616,017	(30,801)	585,216
602236	Vertical Turbine Pump	1299 E Res Conv & 1630 E Pump Station	Recycled Water	2013	1.04	616,017	(30,801)	585,216
602332	8" Blind Flange Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	8,717	(436)	8,281
602333	4" ARI Air Relief Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	18,305	(915)	17,390
602334	4" Gate Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	2,179	(109)	2,070
602335	3" ARI Air Relief Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	15,254	(763)	14,492
602336	2" Butterfly Valve (Isolation)	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	1,308	(65)	1,242
602337	24" Butterfly Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	329,958	(16,498)	313,460
602338	24" Blind Flange Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	6,538	(327)	6,211
602339	8" Gate Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	62,541	(3,127)	59,414
602340	6" Blowoff Valve / Service Hydrant	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	34,514	(1,726)	32,788
602341	6" ARI Air Relief Valve	1630 W Recycled Water Pipeline Segment B	Recycled Water	2013	1.04	35,519	(1,776)	33,743
602345	1630 W Recycled Wtr Pump Station Electric Motors	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	169,369	(16,937)	152,432
602346	1630 W Recycled Wtr Pump Station HVAC	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	78,764	(7,876)	70,888
602347	1630 W Recycled Wtr Pump Stn Multiple Electrical	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	751,678	(75,168)	676,510
602348	1630 W Recycled Wtr Pump Station F/D Compressor	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	23,166	(772)	22,394
602349	1630 W Recycled Wtr Pump Stn Vertical Turbine Pump	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	361,740	(18,087)	343,653
602350	1630 W Recycled Wtr Pump Station Multiple PLC	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	259,978	(12,999)	246,979
602351	1630 W Pump Stn Multiple Insrumentation/Control	1630 W. Recycled Water Pump Station	Recycled Water	2013	1.04	1,025,771	(51,289)	974,482
900184	Construction Management Capital Improvement Progr	CM Program Management System	Recycled Water	2012	1.07	86,364	(12,955)	73,409
300174	RP1 Outfall Parallel Reg RWP		Recycled Water	2008	1.20	76,112	(8,372)	67,740
300186	PIPELINES		Recycled Water	2008	1.20	8,862	(975)	7,888
300186	PIPELINES		Recycled Water	2008	1.20	209,609	(23,057)	186,552
300186	PIPELINES		Recycled Water	2008	1.20	13,919	(1,531)	12,388
300186	PIPELINES		Recycled Water	2008	1.20	53	(6)	47
300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	7,716,687	(1,061,044)	6,655,642
300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	2,448	(337)	2,111
300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	4,630	(637)	3,993
300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	610	(84)	526
300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	10,572	(1,454)	9,119

300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	33,033	(4,542)	28,491
300187	WEST EDISON SAC RW PIPELINE-A		Recycled Water	2008	1.20	135,059	(18,571)	116,489
300187	WEST EDISON SAC RW PIPELINE-A	West Edison SAC RW Pipeline-A	Recycled Water	2008	1.20	22,825	(3,138)	19,686
300189	PIPELINES		Recycled Water	2008	1.20	3,392,124	(373,078)	3,019,046
300189	PIPELINES		Recycled Water	2008	1.20	108,026	(11,883)	96,143
300191	RECYCLE WATER DIST SYS-PHIL-PIPELINE		Recycled Water	2008	1.20	950,574	(130,351)	820,223
300377	EN06023-RW Lines Reimbursement City Chino	EN06023-RW Lines Reimbursement City Chino	Recycled Water	2009	1.16	23	(2)	21
300378	EN06023-RW Lines Reimbursement City Chino	EN06023-RW Lines Reimbursement City Chino	Recycled Water	2009	1.16	1,362,114	(122,590)	1,239,523
300378	EN06023-RW Lines Reimbursement City Chino	Capitalized Interested	Recycled Water	2009	1.16	33,125	(3,579)	29,546
300379	EN06023-RW Lines Reimbursement City Chino	EN06023-RW Lines Reimbursement City Chino	Recycled Water	2009	1.16	40	(4)	37
300380	EN06023-RW Lines Reimbursement City Chino	EN06023-RW Lines Reimbursement City Chino	Recycled Water	2009	1.16	678,203	(61,038)	617,165
300389	MISC WC CONSTRUCTION PROJECTS		Recycled Water	2010	1.13	86,396	(7,560)	78,837
300391	NORTH ETIWANDA REGIONAL RECYCLED WATER PIPELINE		Recycled Water	2010	1.13	468,290	(40,975)	427,315
300392	RECYCLED WATER DISTRIBUTN SYSTM FACILITS-ETIWANDA		Recycled Water	2010	1.13	1,286,824	(112,601)	1,174,222
300393	SAN ANTONIO CHANNEL RECYCLED WATER PIPELINE		Recycled Water	2010	1.13	10,206,417	(889,347)	9,317,071
300395	RP4 AREA 1158 RW PIPELINE		Recycled Water	2010	1.13	3,162,817	(276,746)	2,886,070
400535	RECYCLE WTR DIST SYS-PHIL-PLANT STRUCTURE		Recycled Water	2008	1.20	1,085,520	(119,407)	966,112
400747	RP4 RPZ 1158 ZONE RESERVIOR MODIFICATIONS		Recycled Water	2010	1.13	5,714,891	(664,966)	5,049,925
400753	RP4 AREA RW PUMP STATION AND RESERVIOR		Recycled Water	2010	1.13	1,295,311	(85,251)	1,150,060
400754	SAN ANTONIO CHANNEL RECYCLED PIPELINE		Recycled Water	2010	1.13	1,143,052	(79,992)	1,063,060
400754	SAN ANTONIO CHANNEL RECYCLED PIPELINE		Recycled Water	2010	1.13	736	(53)	683
400755	RP4 RECYCLED WATER PUMP STATION FIELD OFFICE		Recycled Water	2010	1.13	282,160	(19,751)	262,409
400756	RP4 TANK STRUCTURES		Recycled Water	2010	1.13	846,480	(148,134)	698,346
601847	Misc WC Construction Projects		Recycled Water	2008	1.20	90,393	(81,354)	9,039
601848	SOFTWARE LICENSES		Recycled Water	2008	1.20	9,880	(8,892)	988
601849	Misc WC Construction Projects		Recycled Water	2008	1.20	443,252	(443,252)	-
601850	Misc WC Construction Projects		Recycled Water	2008	1.20	47	(47)	-
601851	60hp IR 4X3X8 OVERHUNG PUMP		Recycled Water	2008	1.20	7,013	(7,013)	-
601852	IR 4X3-8 OVERHUNG PUMP		Recycled Water	2008	1.20	8,534	(8,534)	-
601853	WORTHINGTON 4X3X8 OVERHUNG PUMP		Recycled Water	2008	1.20	13,170	(13,170)	-
601854	GRUNDFOS CR 10/7 VERTICAL INLINE PUMP WITH MOTOR		Recycled Water	2008	1.20	2,512	(2,512)	-
601855	POCKET LOGGER, CABLE, MODULE, SNESOR, BATTERY		Recycled Water	2008	1.20	4,756	(4,756)	-
601856	FH14 CF HYDRANT MTR STD REG ALUM BODY		Recycled Water	2008	1.20	4,839	(4,839)	-
601857	BR450 TURBO SERIES FIRE HYDRANT METER BODY		Recycled Water	2008	1.20	2,001	(2,001)	-
601858	Misc WC Construction Projects		Recycled Water	2008	1.20	34,150	(34,150)	-
601859	Misc WC Construction Projects		Recycled Water	2008	1.20	335	(335)	-
601860	MISC WC CONSRUCTION PROJECTS		Recycled Water	2009	1.16	17,508	(15,757)	1,751
601861	Misc WC Construction Projects		Recycled Water	2009	1.16	243,770	(219,393)	24,377
601862	Misc WC Construction Projects		Recycled Water	2009	1.16	19,984	(17,986)	1,998
601863	Misc WC Construction Projects		Recycled Water	2009	1.16	54,735	(54,735)	-
601863	Misc WC Construction Projects		Recycled Water	2009	1.16	1,277	(1,277)	-
601864	Misc WC Construction Projects		Recycled Water	2009	1.16	221,229	(199,106)	22,123
601864	Misc WC Construction Projects		Recycled Water	2009	1.16	63,810	(57,429)	6,381
601865	Misc WC Construction Projects		Recycled Water	2009	1.16	6,510	(5,859)	651
601866	Misc WC Construction Projects		Recycled Water	2009	1.16	61,947	(61,947)	-
601884	80 ft. Self-Supporting Valmont Radio Tower		Recycled Water	2010	1.13	45,954	(32,168)	13,786
601940	RECYCLED WATER TANK		Recycled Water	2010	1.13	677,368	(237,079)	440,289
601943	RP4 DCS NETWORK EQUIPMENT		Recycled Water	2010	1.13	395,024	(276,517)	118,507
601944	RP4 CCTV CAMERA CABLES		Recycled Water	2010	1.13	28,216	(19,751)	8,465
601945	RP4 LATERAL PIPING POTHOLES		Recycled Water	2010	1.13	11,286	(3,950)	7,336
601949	RP4 DCS NETWORK EQUIPMENT		Recycled Water	2010	1.13	2,809,585	(1,404,767)	1,404,767
601950	RP4 SURGE TANKS / COMPRESSOR		Recycled Water	2010	1.13	1,082,833	(757,983)	324,850
601951	ELECTRICAL SWITCHGEAR		Recycled Water	2010	1.13	2,257,281	(790,048)	1,467,233
601952	SC PUMP		Recycled Water	2010	1.13	3,385,921	(790,048)	2,595,873
900177	Recycled Water SCADA Master Plan Report		Recycled Water	2011	1.10	220,195	(55,049)	165,146
200026	San Sevaine Basin Monitoring Well-SSV1	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	391,505	(11,745)	379,760
200027	Victoria Basin Monitoring Well-VCT1	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	392,302	(11,769)	380,533
200028	San Sevaine Basin Monitoring Well-VCT2	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	392,302	(11,769)	380,533
200029	Victoria Basin Lysimeter Cluster 1	Prado Lake Discharge Control Valve	Recycled Water	2012	1.07	181,808	(5,454)	176,353
300414	Turnout - San Sevaine Recharge Basin	1630 E Pipeline Segment A	Recycled Water	2012	1.07	308,014	(11,551)	296,464
300415	Turnout - Victoria Basin	1630 E Pipeline Segment A	Recycled Water	2012	1.07	387,362	(14,526)	372,836
602199	RP1 VFD, Electrical and Programing	RP-1 930 PS Fifth Pump	Recycled Water	2012	1.07	157,200	(7,860)	149,340
602200	RP1 Peerless 26 HXB Vertical Turbine Pump	RP-1 930 PS Fifth Pump	Recycled Water	2012	1.07	330,564	(16,528)	314,036
602201	RP1 Butterfly Valve	RP-1 930 PS Fifth Pump	Recycled Water	2012	1.07	26,216	(1,311)	24,905
602202	RP1 24" Tilted Disc Check Valve	RP-1 930 PS Fifth Pump	Recycled Water	2012	1.07	49,162	(2,458)	46,704
602203	RP1 Circuit Breaker 800 AMP	RP-1 930 PS Fifth Pump	Recycled Water	2012	1.07	43,645	(2,182)	41,462
300417	CCWRF 300 LF of 10" PVC Recycled Water Pipeline	RP5/RP2 Recyc Water Pipelines	Recycled Water	2012	1.07	231,530	(8,682)	222,848
300418	RP5 5,265 IF of 18" Recycled Water Pipeline	RP5/RP2 Recyc Water Pipelines	Recycled Water	2012	1.07	1,292,081	(48,453)	1,243,628
300419	Bickmore 868 LF of 30" Recycled Water Pipeline	RP5/RP2 Recyc Water Pipelines	Recycled Water	2012	1.07	259,322	(9,725)	249,597
300420	Bickmore 367 LF of 30" Recycled Water Pipeline	RP5/RP2 Recyc Water Pipelines	Recycled Water	2012	1.07	841,426	(31,553)	809,873
300447	24" CML&C 10,500 Linear Ft Pipeline	Ontario, Rancho, Upland	Recycled Water	2013	1.04	6,034,094	(75,426)	5,958,668
300448	8" CML&C Pipeline	Rancho, Upland	Recycled Water	2013	1.04	76,909	(961)	75,948
602213	68 Reservior Communication Tower	Northwest Communication Towers	Recycled Water	2013	1.04	595,801	(59,580)	536,221
602352	3" ARI Air Relief Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	21,857	(1,093)	20,764
602353	6" Blowoff / Service Hydrant	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	10,408	(520)	9,888
602354	Muller 24" Butterfly Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	62,448	(3,122)	59,326
602355	Muller 6" Gate Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	8,743	(437)	8,306
602356	Muller 4" Gate Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	1,873	(94)	1,780
602357	Muller 3" Gate Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	6,245	(312)	5,933
602358	Muller 8" Gate Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	19,924	(996)	18,927
602359	3" ARI Air Relief Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	1,249	(62)	1,187
602360	18" Gate Valve	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	12,537	(627)	11,910
300388	RP-4 OUTFALL PIPELINE REPAIR		Recycled Water	2010	1.13	378,653	(26,506)	352,148
300397	CIM RECYCLED WATER PIPELINE		Recycled Water	2010	1.13	63,825	(8,783)	55,042
601953	CIM RECYCLED WATER CONNECTION		Recycled Water	2010	1.13	99,065	(34,673)	64,392
300173	Edison-Merrill Recycle Water Pipeline		Recycled Water	2008	1.20	10,819,590	(1,190,152)	9,629,438
300173	Edison-Merrill Recycle Water Pipeline		Recycled Water	2008	1.20	13,215	(1,400)	11,814
300173	Edison-Merrill Recycle Water Pipeline	Construction Work	Recycled Water	2008	1.20	340	(37)	302
400856	Prado DeClorination Station Drainage Improvements	Prado Dechlor Station Drainage Repair	Recycled Water	2013	1.04	78,007	(780)	77,227
602210	RP1 2" Air Valves	RP-1 Outfall Modifications	Recycled Water	2013	1.04	141,887	(7,094)	134,793
300443	Upland / Rancho Cucamonga Recycled Water Pipeline	1630 W Recycled Water Pipeline Segment A	Recycled Water	2013	1.04	177,543	(2,219)	175,324
300445	800 Linear Ft 24" Diameter Pipe	and 7700 Linear Ft 30" Ductile Iron	Recycled Water	2013	1.04	5,652,043	(70,651)	5,581,393
602212	1630 W. Reservoir Communication Monopole Tower	1630 W. Reservoir Communication Tower	Recycled Water	2013	1.04	297,468	(29,747)	267,721
602342	30" Butterfly Valve and Tee	1630 W Recycled Pipeline Segment C	Recycled Water	2013	1.04	54,018	(2,701)	51,317
602343	4" Blowoff Valve	1630 W Recycled Pipeline Segment C	Recycled Water	2013	1.04	28,102	(1,405)	26,697
602344	4" Air Valve	1630 W Recycled Pipeline Segment C	Recycled Water	2013	1.04	56,216	(2,811)	53,405
601996	4790-03-EP-D Automated Organics Extraction System		Recycled Water	2011	1.10	53,630	(19,153)	34,476
601997	Turbo II Evaporation System		Recycled Water	2011	1.10	19,879	(7,100)	12,779
601998	Dell Latitude E6410 laptop		Recycled Water	2011	1.10	2,363	(1,477)	886
500016	HQ 6" Pipe and Materials for Emergency Fire Servic	Misc WC Construction Projects & Emergenc	Recycled Water	2011	1.10	21,408	(1,338)	20,070
300440	Recycled Water Vault Hatch Lid	CM Misc RW Construction & Emerg Proj FY1	Recycled Water	2013	1.04	18,734	(234)	18,500
602047	RW RP1 Horizontal Split Case Pump Parts	Misc WC Construction Projects & Emergenc	Recycled Water	2011	1.10	36,067	(9,017)	27,050
602048	RW RP4 Gate Valve & Ball Valve	Misc WC Construction Projects & Emergenc	Recycled Water	2011	1.10	21,571	(5,393)	16,178
602049	Philly PS Wastewater Conduit	Misc WC Construction Projects & Emergenc	Recycled Water	2011	1.10	7,991	(1,998)	5,993
602303	RP4 12" Water Valve	CM Misc RW Construction & Emerg Proj FY1	Recycled Water	2013	1.04	17,993	(900)	17,093
602304	RP4 6" Recycled Water Valve	CM Misc RW Construction & Emerg Proj FY1	Recycled Water	2013	1.04	8,966	(448)	8,518
700114	RW 2009 Freightliner M2106 Single Response Vehicle	RW Maintenance Response Vehicle	Recycled Water	2012	1.07	188,642	(56,593)	132,049
400373	YORBA LINDA STUDY	OLD02826:Main Office Administration	Water	1970	7.20	9,714	(9,714)	-
900070	CONTRIB. TO MWD FOR ACQUEDUCT	OLD05559:Main Office Administration	Water	1970	7.20	1,431,058	(1,216,399)	214,659
900075	MASTER PLANNING	OLD05571:Main Office Administration	Water	1968	8.60	185,896	(165,447)	20,449
900076	ORGANIZATION - ORIGINAL	OLD05572:Main Office Administration	Water	1968	8.60	119,052	(105,956)	13,096
900077	ORGANIZATION - MID VALLEY	OLD05573:Main Office Administration	Water	1968	8.60	57,715	(51,367)	6,349
300169	MO1-WR-DESIGN BASELINE FEEDER	02WR20004:Water System Administraiton	Water	2002	1.52	41,489	(9,542)	31,946

APPENDIX B – ALLOCATION OF PROJECT COSTS

1.0 OVERALL APPROACH

In order to account for system costs and equitably charge customers for their use of water, project costs must be distributed to the individual user in proportion to their water resource needs. Projects have been divided into two categories: the allocation available for existing users and the allocation necessary to accommodate future growth. Below is a summary of the methods for the allocation of projects to accommodate existing and future customers. Attached to this Appendix is IEUA's CIP which includes a complete list of projects, project costs, and cost allocations.

1.1 Meter Equivalent Basis (MEU)

This approach allocated the percent of the project based upon the total number of MEUs in the system belonging to existing and future customers. There are currently 414,529 existing MEUs in the system. Based upon demand forecasts, there will be an additional 93,856 new MEUs, or a total of 508,385 MEUs connected to the system by 2035. To equitably charge customers based upon their use of water, the portion of project costs corresponding to existing customers is calculated to be 82 percent (414,529 / 508,385), and the portion corresponding to future customers is 18 percent (93,856 / 508,385). Projects allocated under this approach are identified as MEU.

1.2 Project Expansion Basis

This approach allocated the percent of the project based upon the ratio of the existing to future facility capacity. Similar to the MEU basis, the project expansion basis allocates project costs to existing and future customers based on the portion of total future capacity that addresses the respective capacity requirements of existing and future demands. Multiple projects use this approach and their costs are allocated as follows:

1.2.1 RP-1 1158 Pump Station Expansion

The existing capacity of the pump station is 14 million gallons per day (MGD) while the proposed expansion will increase it to approximately 32 MGD as a means to deliver treated wastewater into the northern RW pressure zones. Project costs corresponding to existing customers are calculated to be 44 percent (14 / 32) and future customers 56 percent (18 / 32). Projects allocated under this approach are identified as 1158 Exp.

1.2.2 RP-5 800 Pump Station Modifications

The existing capacity of the discharge manifold is 10 MGD. The proposed piping modifications will increase it to approximately 12 MGD to eliminate existing velocity and pressure deficiencies. These projects are limited to improvements within the RP-5 facility. Project costs corresponding to existing customers are calculated to be 83 percent (10 / 12) and future customers 17 percent (2 / 12). Projects allocated under this approach are identified as 800 Exp.

1.2.3 RP-4 1299 Pump Station Expansion

The existing capacity of the pump station is 24 MGD. The proposed expansion will increase capacity to approximately 50 MGD with the ability to deliver all of the treated wastewater from RP-1 and 4 into the northern RW pressure zones. Project costs corresponding to existing customers are calculated to be 48 percent (24 / 50) and future customers 52 percent (26 / 50). Projects allocated under this approach are identified as 1299 Exp.

1.2.4 San Sevaine Basin Expansion

The existing RW recharge capacity of the basin is 500 acre-foot per year (AFY). The proposed expansion will increase this capacity to approximately 6,000 AFY with the ability to send RW to basins 1 thru 3. Project costs corresponding to existing customers are calculated to be 8 percent (500 / 6,000) and future customers 92 percent (5,500 / 6,000). Projects allocated under this approach are identified as SSV Exp.

1.2.5 RP-3 Basin Expansion

The existing RW recharge capacity of the basin is 6,500 acre-foot per year (AFY). The proposed expansion will increase it to approximately 9,400 AFY by constructing a new cell. Project costs corresponding to existing customers are calculated to be 69 percent (6,500 / 9,400) and future customers 31 percent (2,900 / 9,400). Projects allocated under this approach are identified as RP-3 Exp.

1.2.6 Victoria Basin Expansion

The existing RW recharge capacity of the basin is 1,600 acre-foot per year (AFY). The proposed expansion will increase it to approximately 1,800 AFY by constructing a new cell. Project costs corresponding to existing customers is calculated to be 89 percent (1,600 / 1,800) and future customers 11 percent (200 / 1,800). Projects allocated under this approach are identified as Vic. Exp.

1.2.7 Wineville Basin Expansion

This project will primarily serve the RP-3 basin for RW recharge. The current RW recharge deliveries to the RP-3 basin is approximately 1,000 AFY. The proposed pipeline will ultimately provide up to an additional 8,400 AFY after completion of the basin expansion, or total RW recharge deliveries of 9,400 AFY. Project costs corresponding to existing customers are calculated to be 11% (1,000/9,400) and future customers 89% (8,400/9,400). Projects allocated under this approach are identified WVB Exp.

1.2.8 Recharge Water (RW) Program Expansion

The current RW program delivers approximately 28,000 acre-foot per year (AFY). The proposed program expansion will increase deliveries to approximately 54,500 AFY. Project costs corresponding to existing customers are calculated to be 51 percent (28,000 / 54,500) and future customers 49 percent (26,500 / 54,500). Projects allocated under this approach are identified as RWP Exp.

1.3 Project Allocation to Existing Customers

This approach allocated the entire project cost to existing customers. Projects under this approach are primarily replacement, or R&R projects. Projects allocated under this approach are identified as Existing.

1.4 Project Allocation to Future Users

This approach allocated the entire project cost to future customers. Projects under this approach are primarily needed to provide additional capacity for increased water resource needs due to growth. Whereas the current facility can accommodate the existing customers water demand. Projects allocated under this approach are identified as Future.

2.0 CONSTRUCTION IN PROGRESS

Projects that are still under construction and recently completed are not yet included in IEUA's fixed asset schedule. Table 1 below presents a summary of the allocation of the value of projects that are still in progress as well as the portion of the projects that have recently been completed but not yet included in IEUA's fixed asset schedule. Attached to this appendix, following the Agency's CIP, is a list project by project allocations of costs to future and existing customers.

Table 1 Name of Table - Auto Numbering is on for Tables

$M	Growth	Existing	Total
Recharge Program	$0.1	$0.4	$0.5
Recycled Water Program	5.7	23.4	29.0
Water Resources Program	0.0	0.1	0.2
Total Construction in Progress + Completed in FY 2013/14[(1)]	**$5.8**	**$24.0**	**$29.8**

Notes:

(1) Totals may not foot due to rounding.

Inland Empire Utilities Agency
IEUA Connection Fee
Capital Improvement Projects

CAPITAL IMPROVEMENT PROJECTS

	Include	Proj. #	Fund	Project Title	Total Budget	Growth	Replacement
MEU	✓	EN15052	GG	Upgrades to Existing P6 Application	$ 100,000	18%	82%
MEU	✓	TBD	GG	Headquarters Maintenance/Improvements	$ 200,000	18%	82%
MEU	✓	TBD	GG	SAP User Interface Improvement	$ 225,000	18%	82%
MEU	✓	TBD	GG	SAP Strategy and Roadmap (TMP)	$ 2,850,000	18%	82%
MEU	✓	EN14002	GG	CIPO Enhancements	$ 150,000	18%	82%
MEU	✓	IS15001	GG	HCM Phase 2 HR Process & Automation & ESS/MSS Enhancements	$ 200,000	13%	82%
MEU	✓	IS15003	GG	Document Management System - Implementation	$ 400,000	18%	82%
MEU	✓	IS16001	GG	HCM Phase 2 Position Budgeting & Control	$ 206 000	18%	82%
MEU	✓	IS16003	GG	SAP Archiving	$ 50,000	18%	82%
MEU	✓	TBD-06	GG	HQ Parking Lot	$ -	18%	82%
MEU	✓	PA15002	GG	Agency Wide Coatings and Paving	$ -	18%	82%
MEU	✓	PA15008	GG	Major Asset Rehab/Replace	$ 1,100,000	18%	82%
MEU	✓	TBD-18	GG	As Built Database Upgrades (TMP)	$ 200,000	18%	82%
MEU	✓	TBD	GG	GIS Master Plan (TMP)	$ 50,000	18%	82%
MEU	✓	TBD	GG	SCADA Enterprise System– long term	$ 15,000,000	18%	82%
MEU	✓	IS15005	GG	New GIS Plotter	$ 4,800	18%	82%
MEU	✓	IS15012	GG	Busniness Network IT Improvements (TMP)	$ 4,600,000	18%	82%
MEU	✓		GG	Conference Rooms AV (Agencywide)	$ 400,000	18%	82%
MEU	✓	TBD	GG	IS Improvement Projects (TMP)	$ 4,000 000	18%	82%
MEU	✓	RW15004[1]	RW	Lower Day RMPU Project	$ -	18%	82%
MEU	✓	TBD-17[1]	RW	RMPU Construction Costs	$ -	18%	82%
MEU	✓	TBD[1]	RW	Agencywide GWR Environmental Permits	$ 50,000	18%	82%
MEU	✓	TBD	RW	Ely Basin Turnout Remote Control Upgrades	$ 600 000	18%	82%
CDA EXP	✓	TBD[1]	RW	Prado Basin Adaptive Management Plan Monitoring & Report	$ 300,000	0%	100%
EXISTING	✓	TBD[1]	RW	RW Asset Management	$ 1,250,000	0%	100%
MEU	✓	RW15003[1]	RW	RMPU Soft Costs	$ 181 000	18%	82%
MEU	✓	EN13040	WC	Prado Dechlor Communication System	$ 181 735	18%	82%
MEU	✓	EN06025	WC	Wineville Extension Pipeline Segment A	$ 2 150,000	18%	82%
MEU	✓	EN12016	WC	North CIM Lateral	$ 210,000	18%	82%
SSV EXP	✓	EN13001[1]	WC	San Sevaine Improvements	$ 3,000,000	92%	8%
FUTURE	✓	EN13022	WC	930 RW Reservoir	$ 50,000	100%	0%
FUTURE	✓	EN13023	WC	930 Pressure Zone Pipeline	$ 50,000	100%	0%
MEU	✓	EN13041	WC	RP-5 RW PS Process Control Sys Migration	$ 280,000	18%	82%
MEU	✓	EN13045	WC	Wineville Extension Pipeline Segment B	$ 1,650,000	18%	82%
1158 EXP	✓	EN13048	WC	Second 12kV Feeder to TP-1	$ 1,500 000	56%	44%
1158 EXP	✓	EN14042	WC	RP-1 1158 Pump Station Improvements	$ 3,900,000	56%	44%
800 EXP	✓	EN14043	WC	800 Zone Capacity Implementation	$ 1,000,000	17%	83%
MEU	✓	EN15002	WC	1158 Reservoir Site Cleanup Project	$ 500,000	18%	82%
MEU	✓	EN15050	WC	1630 W PS Improvements (Surge Protection & VFD Replacement)	$ 1,400,000	18%	82%
MEU	✓	EN19003	WC	RP-1 Parallel Outfall Pipeline from RP-1 to Riverside Dr	$ 5,000,000	18%	82%
MEU	✓	TBD-21	WC	RP-1 Utility Water Flow Meter	$ 300,000	18%	82%
MEU	✓	TBD	WC	930 to 800 West CCWRF PRV	$ 600,000	18%	82%
MEU	✓	TBD-26	WC	1299 pressure zone pipeline surge tank	$ 400,000	18%	82%
		~~TBD~~	WC	~~Energy Management system EMP~~	~~$ -~~	~~18%~~	~~82%~~
EXISTING	✓	TBD	WC	RW Pressure Sustaining Valve	$ 850,000	0%	100%
FUTURE	✓	TBD	WC	1299 Pressure Zone Pipeline Capacity Upgrades	$ 9,000,000	100%	0%
MEU	✓	TBD-28	WC	Recycled Water Pump Station Emergency Generation Upgrade	$ 6,000,000	18%	82%
WVB EXP	✓	TBD	WC	Wineville Basin Pipeline	$ 1,000,000	89%	11%
RP-3 EXP	✓	WR15019[1]	WC	RP-3 Basin Improvements	$ 1,850,000	31%	69%
VIC EXP	✓	WR15020[1]	WC	Victoria Basin Improvements	$ 65,000	11%	89%
FUTURE	✓	WR15021	WC	Napa Lateral/SB Speedway	$ 6,000,000	100%	0%
		~~EN20001~~	WC	~~Lower Day Basin Pipeline~~	~~$ -~~	~~18%~~	~~82%~~
FUTURE	✓	EN09007	WC	1630 East Reservoir & Segment B Pipeline	$ 14,000,000	100%	0%
1299 EXP	✓	TBD	WC	RP-4 1158 and 1299 Pump Station Upgrades	$ 5,600,000	52%	48%
MEU	✓	EN20002	WC	Etiwanda Debris Basin Pipeline and Pump Station	$ 4,000,000	18%	82%
FUTURE	✓	TBD	WC	RP-1 Parallel Outfall Line (Chino to Schaeffer)	$ 10,000,000	100%	0%
RWP EXP	✓	TBD	WC	2025-2030 Recycled Water Projects	$ 20,000,000	49%	51%
RWP EXP	✓	TBD	WC	2030-2035 Recycled Water Projects	$ 20,000,000	49%	51%
		~~TBD~~	WC	~~2035-2040 Recycled Water Projects~~	~~$ -~~	~~80%~~	~~20%~~
MEU	✓	EN12019[1]	WC	GWR & RW SCADA Communication System Upgrades	$ 232,500	18%	82%
EXISTING	✓	TBD-08	WC	WC Emergency O&M Projects	$ [illegible]	0%	100%
MEU	✓	TBD-07	WC	WC OE Projects	$ [illegible]	18%	82%
MEU	✓	EN14044	WC	RW Hydraulic Modeling for FY 14/15	$ [illegible]	18%	82%
MEU	✓	TBD-109	WC	RW Hydraulic Modeling	$ [illegible]	18%	82%
MEU	✓	TBD	WC	RW Program Strategy	$ [illegible]	18%	82%
MEU	✓	TBD	WC	WC Planning Documents	$ 1,000,000	18%	82%
EXISTING	✓	TBD	WC	WC Asset Management	$ 12,500,000	18%	82%
MEU	✓	TBD	WC	RW Injection Pilot Study	$ 500,000	18%	82%
FUTURE	✓	TBD	WC	WRCWRA.1	$ 1,000,000	100%	0%
EXISTING			WC	~~RW AMP~~	~~$ -~~	~~18%~~	~~82%~~
FUTURE	✓	TBD	WC	WRCWRA.2	$ 3,750,000	100%	0%
MEU	✓	TBD	WW	UWMP	$ 1,000,000	18%	82%
MEU	✓	TBD[2]	WW	Conservation Programing	$ 32,000,000	18%	82%
CDA EXP.	✓	TBD	WW	Chino Basin Groundwater Supply Wells and Raw Water Pipeline (Plume)	$ 12,000,000	0%	100%
MEU	✓	TBD	WW	WW Planning Documents	$ 1,000,000	18%	82%
MEU	✓	TBD-Drought	WW	Wells 4/27 Ion Exchange Treatment Project	$ 225,000	18%	82%
MEU	✓	TBD-Drought	WW	Well 14 wellhead Treatment	$ 300,000	18%	82%
MEU	✓	TBD-Drought	WW	Well 12 wellhead Treatment	$ 200,000	18%	82%
MEU	✓	TBD-Drought	WW	Wells 4 and 6 wellhead Treatement	$ 250,000	18%	82%

MEU	✓	TBD-Drought	WW	Wellhead Treatment	$ 1,200,000	18%	82%
MEU	✓	TBD-Drought	WW	Reservoir 2A Wellhead Treatment	$ 750,000	18%	82%
MEU	✓	TBD-Drought	WW	Plant F21 Water Treatment Facility	$ 425,000	18%	82%
MEU	✓	TBD-Drought	WW	Plant F26 Water Treatment Facility	$ 450,000	18%	82%
MEU	✓	TBD-Drought	WW	Plant F22 Water Treatment Facility	$ 425,000	18%	82%
MEU	✓	TBD-Drought	WW	Plant F10 Water Treatment Facility	$ 212,500	18%	82%
MEU	✓	TBD-Drought	WW	Plant F59 Water Treatment Facility	$ 125,000	18%	82%
MEU		~~TBD-Drought~~	WW	~~Arsenic Removal Well Head Treatment at Well 19~~	$ -	~~18%~~	~~82%~~
MEU		~~TBD-Drought~~	WW	~~Ontario Plume Cleanup~~	$ -	~~18%~~	~~82%~~
MEU	✓	TBD-Drought	WW	Recycled Water Phase II Retail Distribution System Expansion & On-Site I	$ 82,662	18%	82%
MEU	✓	TBD-Drought	WW	Recycled Water Central-North Retail Distribution System Expansion &	$ 224,883	18%	82%
MEU	✓	TBD-Drought	WW	Recycled water retrofits	$ 20,200	18%	82%
MEU	✓	TBD-Drought	WW	Recycled Water Distribution System	$ 285,000	18%	82%
MEU	✓	TBD-Drought	WW	Wineville Extension	$ 25,000	18%	82%
MEU	✓	TBD-Drought	WW	1158 Zone Master Engineering Report	$ 24,937	18%	82%
MEU	✓	TBD-Drought	WW	Recycled Water Conversions	$ 623,950	18%	82%
MEU		~~TBD-Drought~~	WW	~~WRCRWA Plant Recycled Water Project~~	$ -	~~18%~~	~~82%~~
MEU	✓	TBD-Drought	WW	Recycled Water Projects*#1	$ 125,000	18%	82%
MEU	✓	TBD-Drought	WW	Recycled Water Projects*#2	$ 140,000	18%	82%
MEU	✓	TBD-Drought	WW	Chino Basin Recharge Project	$ 14,000	18%	82%
MEU	✓	TBD-Drought	WW	Cucamonga Crosswall repair and desilting project	$ 3,000	18%	82%
MEU	✓	TBD-Drought	WW	Cucamonga Basin 6 Desilting - 19th Street & Campus Avenue, Upland	$ 7,500	18%	82%
MEU	✓	TBD-Drought	WW	Plant F62 Storage and Recovery Facility	$ 60,000	18%	82%
MEU	✓	TBD-Drought	WW	Well 31 - Benson Feeder Pipeline Project	$ 90,000	18%	82%
MEU	✓	TBD-Drought	WW	New Chino Basin Well 48	$ 175,000	18%	82%
MEU	✓	TBD-Drought	WW	New Chino Basin Well 49	$ 175,000	18%	82%
MEU	✓	TBD-Drought	WW	New Cucamonga Basin Well	$ 175,000	18%	82%
MEU	✓	TBD-Drought	WW	Ontario-Chino-Monte Vista Water District Three-Way Interconnection	$ 37,500	18%	82%
MEU	✓	TBD-Drought	WW	Emergency Water System Interconnections	$ 75,000	18%	82%
MEU		~~TBD-Drought~~	WW	~~Inland Valley Pipeline Supplemental Water Project~~	$ -	~~18%~~	~~82%~~
MEU	✓	TBD-Drought	WW	WFA Pipeline Connection. 17th & Benson Avenue, Upland	$ 8,500	18%	82%
MEU	✓	TBD-Drought	WW	Zonal Water Loss Analysis	$ 5,000	18%	82%
MEU	✓	TBD-Drought	WW	Advanced Meter Infrastructure (AMI) Retrofit Project	$ 650,000	18%	82%
MEU	✓	TBD-Drought	WW	Budget-Based Tiered Rate Structure Improvement Project	$ 31,750	18%	82%
MEU	✓	TBD-Drought	WW	WaterSmart Software Program	$ 1,500	18%	82%
MEU		~~TBD-Drought~~	WW	~~Well 18 conversion to recycled water injection well~~	$ -	~~18%~~	~~82%~~
MEU	✓	TBD-Drought	WW	Fixed Network	$ 100,000	18%	82%
	Total Projects				$ 209,009,907	40%	60%

Water System Allocation of Costs to Growth

$	89,059,698

Water Projects; Costs Allocated to Growth (TM Table 4.5)

Fund	Total Water Project Costs	Total Costs Allocated to Growth	Total Costs Allocated to Existing Customers
WW	$53,722,882	$7,702,718	$46,020,164
WC	151,419,235	80,929,079	$70,490,156
RW	2,381,000	153,416	$2,227,584
GG	1,486,790	274,485	$1,212,305
Total	$209,009,907	$89,059,698	$119,950,208

General Notes:

The total of the growth related costs ($89,059,698) is the portion of the total CIP that is allocated to the connection fee.

5% of the GG Fund projects costs are allocated to the water connection fee. This represents the approximate share of all Agency assets that are related to the water system.

The TBD-Drought projects are projects submitted by the member agencies. The listed amount is 5% of the total cost submitted by the agencies.

Notes:

(1) Project partially funded by the Chino Basin Water Master. Total Budget represents the portion of the project funded by IEUA.

(2) The specific list of Conservation Programing projects is attached.

"DRAFT"

WATER USE EFFICIENCY PROGRAMMATIC LIST

Program Evaluation Against Criteria

Program / Measure	Avg Annual AF Water Savings	Lifetime AF Savings	Annual Production	Years Implemented	External Funding	IEUA Funding	Cost per Acre-Foot_ IEUA Only	Cost Benefit Ratio_IEUA Only	Cost per AF_All Funding Agencies	Cost Benefit Ratio_All Funding Agencies	Scalability	Assumptions
Water Budget Rate Structure	2,492	49,844	50,469	5	$41.61	$17.83	$24	52.36	$80.00	15.71	High	Could be implemented at all agencies. Agency and customer acceptance are significant barriers. Assumptions are based on 25% of regional water accounts converted, or the equivalent of two agencies beginning in year 3 (2015-2020). Water savings assumptions are based on a reduction of 5% per year for 3-5 years with an average lifetime savings of 20 years. This is a conservative estimate with water savings potential as high as 7%-8% per year. Cost assumptions are based on $1.5M per agency to implement with a $5 per account maintenance fee thereafter.
Home Water Use Reports	1,542	6,168	97,600	4	$0.00	$2.00	$127	6.44	$127.00	6.44	Low - Above Current Modeling	Assumptions are based on 50% of regional water accounts utilizing this program at $2 per account per year. Programming is assumed to begin in year 2 (2015-2020). Water Savings assumptions are based on 2% per year with an average lifetime savings over 4 years.
High Efficiency Sprinkler Nozzles SCWS Rebate (SF)	12	110	1,000	5	$4.00	$0.00	$0	NA	$193.00	4.53	Medium	There are millions of nozzles in the IEUA territory. To move, rebate money would need to be added to rebate and additional marketing.
FreeSprinklerNozzles.com Voucher (All Classes)	733	6,600	20,000	5	$4.00	$0.75	$36	24.18	$230.00	3.82	Medium	There are millions of nozzles in the IEUA territory. To move, rebate money would need to be added to rebate and additional marketing.
High Efficiency Sprinkler Nozzles SCWS Rebate (CII)	122	1,100	10,000	5	$4.00	$1.00	$48	18.13	$242.00	3.63	Medium	There are millions of nozzles in the IEUA territory. To move, rebate money would need to be added to rebate and additional marketing.
Cooling Tower Conductivity Controllers SCWS Rebate	18	161	10	5	$625.00	$375.00	$124	7.08	$330.00	2.65	Low	Limited participation.
Premium High Efficiency Toilets SCWS Rebate (MF 1.0 gpf or less)	234	5,610	1,500	5	$145.00	$55.00	$97	12.85	$354.00	3.53	Medium	Rebate is offered for replacement of ULFTs. Market is large but rebate format will not produce large numbers.
Smart Controllers SCWS Rebate (SF)	7	104	50	5	$70.00	$80.00	$221	4.46	$415.00	2.38	Low	Limited opportunity for water savings through single family controllers offered in rebate format.
CBWCD Landscape Evaluation Program	20	119	150	5	$66.00	$200.00	$1,710	0.48	$424.00	1.92	Low	Savings are not long term. Can be used as leader into other programs.
Smart Controllers SCWS Rebate $50 per Station	2	32	50	5	$35.00	$15.00	$133	7.41	$444.00	2.22	Low	Limited participation.
High Efficiency Toilets SCWS Rebate (SF)	50	1,107	750	3	$100.00	$50.00	$185	6.03	$555.00	2.01	Low	High efficiency tiolets are required by law. Current program has high freeridership.
High Efficiency Toilets SCWS Rebate (CII 1.28 gpf)	20	443	300	3	$100.00	$50.00	$185	6.03	$555.00	2.01	Low	High efficiency tiolets are required by law. Current program has high freeridership.
High Efficiency Toilets SCWS Rebate (MF 1.28 gpf)	20	443	300	3	$100.00	$50.00	$185	6.03	$555.00	2.01	Low	High efficiency tiolets are required by law. Current program has high freeridership.
IEUA Multi-Family Premium Toilet Direct Install Prog.	264	5,610	1,500	5	$145.00	$105.00	$237	5.04	$564.00	2.12	High	Program is replacing ULFTs so all multi family toilets are eligible.
IEUA Premium Efficiency Direct Install (SF)	468	11,200	3,000	5	$145.00	$155.00	$334	3.60	$647.00	1.86	High	Program is replacing ULFTs so all single family toilets are eligible.
High Efficiency Clothes Washers SCWS Rebate (SF)	62	863	500	5	$85.00	$65.00	$303	3.15	$699.00	1.37	Medium	Market is not saturated but units being sold are mostly efficient. Program has many freeriders.
HE Sprinkler Nozzle Direct Installation Program (All classes)	147	1,479	10,000	5	$4.00	$6.00	$426	2.02	$709.00	1.21	High	There are millions of nozzles in the IEUA territory. Amount could be used to pay contractors directly as well.
Residential Landscape Retrofit Program	93	1,027	300	3	$1,500.00	$0.00	$0	NA	$1,286.00	0.71	Medium	Could install in smaller sites but not all controllers save water.
Air-Cooled Ice Machine SCWS Rebate	-	2	0	5	$1,000.00	$1,000.00	$744	1.33	$1,489.00	0.66	Low	Limited number of ice machines. Need to influence upstream.
Turf Removal $2.00 (CII)	232	3,250	500,000	5	$2.00	$0.00	$0	NA	$1,763.00	0.56	High	There are millions of square feet of turf in IEUA's territory. Not cost effective. Assumption is MWD will continue to pay $2.00.
Turf Removal $2.00 (SF)	46	650	100,000	5	$2.00	$0.50	$441	2.24	$2,204.00	0.45	High	There are millions of square feet of turf in IEUA's territory. Not cost effective. Assumption is MWD will continue to pay $2.00.
Rain Barrels SCWS Rebate (SF)	-	-	50	5	$75.00	$0.00	$0	NA	$8,376.00	0.10	Low	Savings are minimal.

*Please note that pilot projects such as: drip irrigation, home pressure regulation, and education are not included on this list. This list is a condensed version of all regional programming activities.

Construction in Progress and Completed Projects for FY 2013/14

Project	Project Description	Beginning Balance	Current Fiscal Year	Closed Projects	Growth Allocation	Replcmt Allocation	Constrc In Progress Allocation to Growth	Constrc In Progess Allocation to Existing Customers	Total Constrc In Progress Allocation	Completed Constrc Allocation to Growth	Completed Constrc to Existing Customers	Total Completed Constrc Allocation
EN12025	Hickory Basin - Arizona Crossing	$ 210,829	$ 14,415	$ (225,244)	18%	82%	$ 2,595	$ 11,820	$ 14,415	$ 40,544	$ 184,700	$ 225,244
EN14038	CB20 Noise Mitigation Measures	$ -	$ 3,513	$ -	18%	82%	$ 632	$ 2,881	$ 3,513	$ -	$ -	$ -
EN14040	Jurupa Pump Station HVAC Improvements	$ -	$ 21,119	$ -	18%	82%	$ 3,801	$ 17,318	$ 21,119	$ -	$ -	$ -
RW13002	Ford F-250 4 Wheel Drive and Srvc Bed	$ -	$ 74,402	$ (74,402)	18%	82%	$ 13,392	$ 61,010	$ 74,402	$ [illegible]	$ 61,010	$ 74,402
RW14001	GWR Argo Vehicle Purchased	$ -	$ 27,775	$ -	18%	82%	$ 4,999	$ 22,775	$ 27,775	$ -	$ -	$ -
WR13022	Prado Basin Habitat Well Monitoring-O&M	$ -	$ 85,712	$ -	18%	82%	$ 15,428	$ 70,283	$ 85,712	$ -	$ -	$ -
WR13023	USBR Vegetative Monitoring	$ -	$ 20,000	$ -	18%	82%	$ 3,600	$ 16,400	$ 20,000	$ -	$ -	$ -
CW16112	Recycled Water Reimb Projects FY 11/12	$ 5,124	$ 2,671	$ -	18%	82%	$ 481	$ 2,190	$ 2,671	$ -	$ -	$ -
EN08025	Wineville Ext Recy Wtr Pipline Seg A	$ 1,894,910	$ [illegible]	$	89%	11%	$ 363,231	$ 44,894	$ 408,125	$ -	$ -	$ -
EN07010	CCWRF RW Pump Station Expansion	$ 6,726,176	$ [illegible]	$ -	18%	82%	$ 630,643	$ 2,873,842	$ 3,504,686	$ -	$ -	$ -
EN08018	1630 W. Recycled Water Pipeline Segment	$ 7,177,688	$ [illegible]	$ (7,505,544)	18%	82%	$ 59,014	$ 268,841	$ 327,855	$ 1,350,998	$ 6,154,546	$ 7,505,544
EN11047	Memorial Park Lateral 11th Street Lutara	$ 673,781	$ (35,752)	$ (638,029)	18%	82%	$ (6,435)	$ (29,317)	$ (35,752)	$ 114,845	$ 523,184	$ 638,029
EN11050	Turner Basin Turnout Capacity Improvemen	$ 321,525	$ 14,015	$ (335,540)	18%	82%	$ 2,523	$ 11,492	$ 14,015	$ 60,397	$ 275,143	$ 335,540
EN12014	East Avenue 1630 E RWP Relocation	$ 139,995	$ 20,995	$ -	18%	82%	$ 3,779	$ 17,216	$ 20,995	$ -	$ -	$ -
EN12016	North CIM Lateral	$ 12,109	$ 1,173	$ -	18%	82%	$ 211	$ 962	$ 1,173	$ -	$ -	$ -
EN12019	GWR and RW Comm. Sys. Upgrades	$ 89,448	$ 107,210	$ -	18%	82%	$ 19,298	$ 87,912	$ 107,210	$ -	$ -	$ -
EN13001	San Sevaine Basin Improvements	$ 39,417	$ 49,104	$	92%	8%	$ 45,176	$ 3,928	$ 49,104	$ -	$ -	$ -
EN13007	Misc Recycled Water Projects FY12/13	$ 8,647	$ 1,889	$ (10,536)	18%	82%	$ 340	$ 1,549	$ 1,889	$ 1,898	$ 8,640	$ 10,536
EN13010	CM Misc WC Construction & Emerg Proj FY1	$ 37,495	$ (37,495)	$ -	18%	82%	$ (6,749)	$ (30,746)	$ (37,495)	$ -	$ -	$ -
EN13022	930 Zone RW Reservoir Construction	$ 927,140	$ [illegible]	$ -	18%	82%	$ 975,965	$ 4,446,062	$ 5,422,027	$ -	$ -	$ -
EN13023	930 Zone RW Pipeline Construction	$ 441,066	$ [illegible]	$ -	18%	82%	$ 1,311,287	$ 5,973,643	$ 7,284,930	$ -	$ -	$ -
EN13025	800 Zone Flow Meter Installation	$ 158,382	$ 37,174	$ (195,556)	18%	82%	$ 6,691	$ 30,483	$ 37,174	$ 35,200	$ 160,356	$ 195,556
EN13029	Turner 1 Turnout & Deer Creek Drop-Inlet	$ 408,360	$ 91,639	$ -	18%	82%	$ 16,531	$ 75,308	$ 91,839	$ -	$ -	$ -
EN13031	Wineville Proof of Concept	$ 66,889	$ 294,634	$ -	18%	82%	$ 53,034	$ 241,600	$ 294,634	$ -	$ -	$ -
EN13032	1630 E RW Pipeline - Corrosion Repairs	$ 4,436	$ 310,162	$ -	18%	82%	$ 55,829	$ 254,333	$ 310,162	$ -	$ -	$ -
EN13036	Redevelop of the Monitoring Well MW-VCT2	$ 19,813	$ (19,813)	$ -	18%	82%	$ (3,566)	$ (16,247)	$ (19,813)	$ -	$ -	$ -
EN13040	Prado Dechlor Communication System	$ 373	$ 55,892	$ -	18%	82%	$ 10,060	$ 45,831	$ 55,892	$ -	$ -	$ -
EN13045	Wineville RW Extension Segment B	$ -	$ 100,448	$	89%	11%	$ 89,399	$ 11,049	$ 100,448	$ -	$ -	$ -
EN13051	1630 E RW Pipeline Surge Tank Rpdmnt	$ 5,378	$ 9,170	$ -	18%	82%	$ 1,651	$ 7,519	$ 9,170	$ -	$ -	$ -
EN13055	RP-4 Power Distribution Assessment & Rep	$ 217,711	$ 96,117	$	56%	44%	$ 53,825	$ 42,291	$ 96,117	$ -	$ -	$ -
EN14007	Misc Recycled Water Projects FY13/14	$ -	$ 174,879	$ -	18%	82%	$ 31,478	$ 143,401	$ 174,879	$ -	$ -	$ -
EN14010	CM Misc WC Construction & Emerg Proj FY1	$ -	$ 15,267	$ (15,267)	18%	82%	$ 2,748	$ 12,519	$ 15,267	$ 2,748	$ 12,519	$ 15,267
EN14028	Vulcan Basin Development	$ -	$ 4,415	$ -	18%	82%	$ 795	$ 3,620	$ 4,415	$ -	$ -	$ -
EN14044	RW Hydraulic Modeling	$ -	$ 55,858	$ -	18%	82%	$ 10,055	$ 45,804	$ 55,858	$ -	$ -	$ -
EN14045	RW Program Strategy	$ -	$ 23,675	$ -	18%	82%	$ 4,261	$ 19,413	$ 23,675	$ -	$ -	$ -
EN14048	RP-5 Recycled Water Pump Station O&M Man	$ -	$ 43,745	$ (43,745)	18%	82%	$ 7,874	$ 35,871	$ 43,745	$ 7,874	$ 35,871	$ 43,745
EN14047	GWR and RW SCADA Control Upgrades	$ -	$ 31,290	$ -	18%	82%	$ 5,632	$ 25,658	$ 31,290	$ -	$ -	$ -
LB14002	ICP - MS	$ -	$ 184,969	$ -	18%	82%	$ 33,294	$ 151,674	$ 184,969	$ -	$ -	$ -
PU09908	Public Retrofit IEUA	$ 737,949	$ (64,874)	$ (673,075)	18%	82%	$ (11,677)	$ (53,197)	$ (64,874)	$ 121,153	$ 551,921	$ 673,075
WR05020	Recycled Water Misc Connections and Retr	$ 124,250	$ -	$ -	18%	82%	$ -	$ -	$ -	$ -	$ -	$ -
WR08023	1630 W Pipeline Phase 1	$ 7,235	$ 2,020	$ (9,255)	18%	82%	$ 364	$ 1,656	$ 2,020	$ 1,666	$ 7,589	$ 9,255
WR08032	1630 W. Recycled Water Pump Station	$ 14,136	$ 101,863	$ -	18%	82%	$ 18,335	$ 83,528	$ 101,863	$ -	$ -	$ -
WR11017	Turner Basin Recharge Improvements	$ 520,854	$ 379,942	$ -	18%	82%	$ 68,390	$ 311,552	$ 379,942	$ -	$ -	$ -
WR11018	Northwest Recycled Water SCADA Upgrades	$ 557,210	$ 9,091	$ (566,301)	18%	82%	$ 1,636	$ 7,455	$ 9,091	$ 101,934	$ 464,367	$ 566,301
WR13024	Urban Runoff Capture Retrofits at Recher	$ -	$ 16,937	$ -	18%	82%	$ 3,049	$ 13,888	$ 16,937	$ -	$ -	$ -
WR13025	Wastewater Change Petition	$ -	$ 25,916	$ -	18%	82%	$ 4,665	$ 21,253	$ 25,918	$ -	$ -	$ -
WR08010	FY 07/08 -FY09/10 Multi-Family Direct	$ 1,121,836	$ 7,530	$ -	18%	82%	$ 1,355	$ 6,175	$ 7,530	$ -	$ -	$ -
WR13028	FONTANA UNIFIED SCHOOL RETROFIT PRGM	$ 159,886	$ (159,886)	$ -	18%	82%	$ (28,779)	$ (131,106)	$ (159,886)	$ -	$ -	$ -
WR14001	WATER USE EFFICIENCY BUSINESS PLAN UPDT	$ 2,531	$ 135	$ -	18%	82%	$ 24	$ 111	$ 135	$ -	$ -	$ -
WR14011	FREE NOZZLE VOUCHER PROGRAM	$ -	$ 111,308	$ -	18%	82%	$ 20,035	$ 91,273	$ 111,308	$ -	$ -	$ -
WR14013	SPONSORSHIPS & PUBLIC OUTREACH	$ -	$ 43,382	$ -	18%	82%	$ 7,809	$ 35,573	$ 43,382	$ -	$ -	$ -
WR14017	LANDSCAPE TRANSFORMATION PROGRAM	$ -	$ 176,894	$ -	18%	82%	$ 31,841	$ 145,053	$ 176,894	$ -	$ -	$ -
	Recharge Program						$ 44,449	$ 202,486	$ 246,936	$ 83,938	$ 245,710	$ 329,646
	Recycled Water Program						$ 3,863,317	$ 15,188,733	$ 19,052,050	$ 1,758,713	$ 8,194,136	$ 9,952,849
	Water Resources Program						$ 32,285	$ 147,078	$ 179,364	$ -	$ -	$ -
	Totals						$ 3,940,051	$ 15,538,299	$ 19,478,350	$ 1,852,649	$ 8,439,846	$ 10,292,495

	Growth	Existing	Total
Recharge Program	$0.1	$0.4	$0.5
Recycled Water Program	5.7	23.4	29.0
Water Resources Program	0.0	0.1	0.2
Total Construction in Progress and Completed in FY 2013/14	**$5.8**	**$24.0**	**$29.8**

APPENDIX C – MEU CALCULATION

1.0 INTRODUCTION

The purpose of this appendix is to use existing account data provided by the Inland Empire Utilities Agency (IEUA) to calculate the total number of MEUs in the water system. This total will subsequently be used to calculate the MEU consumption assumption and future customer base.

2.0 METER EQUIVALENT UNITS

2.1 Potable MEUs

Based on the total number of accounts by meter size reported by each member agency, Table 1 presents the calculation of the total number of MEUs consuming potable water in the Agency's water service area.

Table 1 Member Agency FY 2013/14 Potable Accounts and MEUs

Meter Size	Chino	Chino Hills	CVWD	FWC	MVWD	Ontario	SAWCO	Upland	WECWC	MEUs/ Accnt	Total MEUs
5/8"	13,513	4,300	16	22,528	1	27,021	0	16,105	0	1	83,484
3/4"	2,237	12,150	29,955	54	8,376	20	0	53	0	1	52,845
1"	1,475	3,692	14,061	16,286	2,494	2,509	0	1,723	0	2.5	105,600
1.5"	707	447	1,179	651	318	1,356	0	519	0	5	25,887
2"	943	576	2,095	1,331	358	2,136	0	716	0	8	65,242
3"	123	29	166	52	34	190	0	22	0	17.5	10,772
4"	41	46	78	7	18	104	0	28	0	31.5	10,154
6"	20	33	21	23	4	64	0	2	0	70	11,690
8"	8	107	58	12	3	60	0	0	0	120	29,755
10"	2	9	9	17	1	3	0	0	0	150	6,222
12"	0	0	1	0	0	0	0	0	0	175	175
Total Potable Water MEUs											**401,826**

2.2 Recycled MEUs

Due to an increased emphasis on the substitution of potable water use for recycled water use as a result of conservation efforts, the per capita recycled water consumption has trended upwards since the last time the Agency calculated single-family residential water consumption and wastewater flow. The Agency provided recycled water account data. While all accounts listed annual recycled water consumption, most accounts did not list a meter size. As a result, meter size assumptions were calculated based on the average consumption per known meter size. The accounts with unknown meter sizes were grouped

according to these assumptions. Table 2 presents these assumptions and the range in consumption of each group.

Table 2 Meter Size Assignment Groupings			
Meter Size	**Average AFY**	**Min AFY**	**Max AFY**
1"	1.5	0.0	1.9
1.5"	6.1	1.9	7.1
2"	9.8	7.1	12.2
3"	15.0	12.2	17.5
4"	34.6	17.5	43.3
6"	279.8	43.3	326.5
8"	56.6	326.5	500.0(1)
10"	435.3	500.0(1)	N/A

Notes:

(1) Based on an assigned value instead of the average consumption per known meter size due to insufficient sample sizes in 8" and 10" meter data.

The AFY consumption ranges calculated above were used to assign meter sizes to accounts with unrecorded meter sizes. Table 3 presents the known and assigned accounts within each range of meter size grouping.

Table 3 Member Agency FY 2013/14 Recycled Accounts and MEUs											
Meter Size	**Chino**	**Chino Hills**	**CVWD**	**FWC**	**MVWD**	**Ontario**	**Upland**	**SBC**	**IEUA**	**MEUs/ Accnt**	**Total MEUs**
1"	44	12	37	0	1	49	0	0	3	2.5	146
1.5"	95	55	33	1	2	88	0	0	0	5	274
2"	44	63	12	2	16	40	25	0	0	8	202
3"	12	7	8	0	2	17	2	0	1	17.5	49
4"	19	0	11	0	2	31	6	0	1	31.5	70
6"	17	3	4	0	0	23	1	0	2	70	50
8"	3	1	0	0	0	3	0	0	0	120	7
10"	5	1	1	0	0	3	0	2	1	150	13
Total Recycled Water MEUs											**12,704**

2.3 Total MEUs

The total number of water consuming MEUs is the sum of the potable and recycled water MEUs, 414,529.