



**FINANCE AND ADMINISTRATION
COMMITTEE MEETING
OF THE BOARD OF DIRECTORS
INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS, CHINO, CALIFORNIA**

**WEDNESDAY, MARCH 13, 2019
10:30 A.M.**

*Or immediately following the
Engineering, Operations, &
Water Resources Committee Meeting*

CALL TO ORDER

PUBLIC COMMENT

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a "Request to Speak" form which is available on the table in the Board Room. Comments will be limited to three minutes per speaker. Thank you.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

1. CONSENT ITEMS

A. MINUTES

The Committee will be asked to approve the Finance and Administration Committee meeting minutes of February 13, 2019.

B. REPORT ON GENERAL DISBURSEMENTS

Staff recommends that the Committee/Board approve the total disbursements for the month of January 2019, in the amount of \$15,930,152.02.

2. ACTION ITEMS

A. ADOPTION OF RESOLUTION NO. 2019-3-1, APPROVING THE AGENCY'S INVESTMENT POLICY UPDATE

Staff recommends that the Committee/Board adopt Resolution No. 2019-3-1, approving the update of the Agency's Investment Policy for Fiscal Year 2019/20.

B. CHINO BASIN PROGRAM PRELIMINARY DESIGN REPORT CONSULTING ENGINEERING SERVICES

Staff recommends that the Committee/Board:

1. Award a consulting engineering services contract to Brown & Caldwell for the not-to-exceed amount of \$3,978,506;
2. Amend the total project budget for the Chino Basin Program from \$6.3M to \$15M for the planning phase through Fiscal Year 2021/22; and
3. Authorize the Interim General Manager to execute the contract, subject to non-substantive changes.

C. RP-5 EXPANSION DESIGN CONTRACT AMENDMENT

Staff recommends that the Committee/Board:

1. Approve a consulting engineering services contract amendment for the RP-5 Expansion, Project Nos. EN19001 and EN19006, to Parsons Water and Infrastructure Inc., in the amount of \$495,979; and
2. Authorize the Interim General Manager to execute the consulting engineering services contract amendment, subject to non-substantive changes.

3. INFORMATION ITEM

A. FISCAL YEAR 2018/19 SECOND QUARTER BUDGET VARIANCE, PERFORMANCE GOAL UPDATES, AND BUDGET TRANSFERS (WRITTEN/POWERPOINT)

B. PROPOSED TEN YEAR CAPITAL IMPROVEMENT PLAN, FISCAL YEARS 2019/20 -2028/29

C. ASSET MANAGEMENT PROGRAM UPDATE

RECEIVE AND FILE INFORMATION ITEM

**D. TREASURER'S REPORT OF FINANCIAL AFFAIRS (WRITTEN/
POWERPOINT)**

- 4. GENERAL MANAGER'S COMMENTS**
- 5. COMMITTEE MEMBER COMMENTS**
- 6. COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS**
- 7. ADJOURN**

*A Municipal Water District

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909-993-1736), 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

Proofed by: *jh*

DECLARATION OF POSTING

I, April Woodruff, Board Secretary/Office Manager of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of the agenda has been posted by 5:30 p.m. in the foyer at the Agency's main office, 6075 Kimball Ave., Building A, Chino, CA on Thursday, March 7, 2019

 April Woodruff
April Woodruff

CONSENT
ITEM
1A



**MINUTES
FINANCE AND ADMINISTRATION
COMMITTEE MEETING
INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS, CHINO, CA**

**WEDNESDAY, FEBRUARY 13, 2019
10:30 A.M.**

COMMITTEE MEMBERS PRESENT

Jasmin A. Hall, Chair
Paul Hofer

COMMITTEE MEMBERS ABSENT

None

STAFF PRESENT

Kati Parker, Secretary/Treasurer
Kirby Brill, Interim General Manager
Chris Berch, Executive Manager of Engineering/AGM
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM
Randy Lee, Executive Manager of Operations/AGM
Shaun Stone, Acting Executive Manager of Engineering/AGM
Christina Valencia, Executive Manager of Finance & Administration/AGM
Elizabeth Hurst, Water Resources Planner
Cathleen Peroni, Manager of Government Relations
Teresa Velarde, Manager of Internal Audit
April Woodruff, Board Secretary/Office Manager

OTHERS PRESENT

None

The meeting was called to order at 10:38 a.m. There were no public comments received or additions to the agenda.

CONSENT CALENDAR ITEMS

The Committee:

- ◆ Approved the Finance and Administration Committee meeting minutes of January 9, 2019.
- ◆ Recommended that the Board approve the total disbursements for the month of December 2018, in the amount of \$22,239,814.84.

ACTON ITEMS:

The Committee:

◆ Recommended that the Board:

1. Award the construction contract for the Baseline Recycled Water Pipeline Extension, Project No. EN17049, to Trauwein Construction, Inc., in the amount of \$4,896,641;
2. Approve a contract amendment to Carollo Engineering for engineering services during construction for the not-to-exceed amount of \$150,826; and
3. Authorize the Interim General Manager to execute the contract and contract amendment subject to non-substantive changes;

as an Action Item on the February 20, 2019 Board meeting agenda.

INFORMATION ITEMS

The following information item was presented or received and filed by the Committee:

- ◆ Treasurer's Report of Financial Affairs

GENERAL MANAGER'S COMMENTS

There were no General Manager comments.

COMMITTEE MEMBER COMMENTS

There were no Committee member comments.

COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS

There were no Committee member requests for future agenda items.

With no further business, Director Hall adjourned the meeting at 10:53 a.m.

Respectfully submitted,

April Woodruff
Board Secretary/Office Manager

**A Municipal Water District*

APPROVED: MARCH 13, 2019

**CONSENT
ITEM
1B**



Date: March 20, 2019

To: The Honorable Board of Directors
Committee: Finance & Administration

From: Kirby Brill, Interim General Manager

03/13/19

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Report on General Disbursements

Executive Summary:

Total disbursements for the month of January 2019 were \$15,930,152.02. Disbursement activity included check payments of \$4,024,419.83 to vendors and \$6,008.57 for worker's compensation related costs. Electronic payments included Automated Clearing House (ACH) of \$4,377,255.19 and wire transfers (excluding payroll) of \$5,952,538.55. Total payroll was \$1,563,971.63 for employees and \$5,958.25 for the Board of Directors.

Staff's Recommendation:

1. Approve the total disbursements for the month of January, 2019, in the amount of \$15,930,152.02.

Budget Impact *Budgeted* (Y/N): N *Amendment* (Y/N): N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

On February 20, 2019 the Board of Directors approved the December 2018 Report on General Disbursements totaling \$22,239,814.84

Environmental Determination:

Not Applicable

Business Goal:

The report on general disbursements is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for general disbursements associated with operating requirements.

Attachments:

Attachment 1 - Background

Attachment 2 - Details of General Disbursements

Attachment 1 - Background

Subject: Report on General Disbursements

Table 1 summarizes the disbursements detailed in each of the six attachments affixed to this letter. Table 2 lists the disbursements in excess of an aggregated \$500,000 per vendor, and is presented in largest to smallest dollar value.

Table 1: Disbursement Details

Attachment	Payment Type	Amount
2A	Vendor Checks	\$ 4,024,419.83
2B	Workers' Comp Checks	\$ 6,008.57
2C	Vendor ACHs	\$ 4,377,255.19
2D	Vendor Wires (excludes Payroll)	\$ 5,952,538.55
2E	Payroll-Net Pay-Directors	\$ 5,958.25
2F	Payroll-Net Pay-Employees	\$ 1,563,971.63
Total Disbursements		\$15,930,152.02

Table 2: Disbursements in Excess of \$500,000 per Vendor

Vendor	Amount	Description
MWD	\$ 4,388,096.77	November 2018 Water Purchases
CAROLLO ENGINEERS	\$ 1,302,141.06	<p>10/2018 Professional Svc's for: EN16060-RW Connections to City of Pomona EN17049-Baseline RWPL Extension EN19051-RW Hydraulic Modeling</p> <p>11/2018 Professional Svc's for: RW15003-Recharge Master Plan Update EN16060-RW Connections to City of Pomona EN17043- RP4 Primary Clarifier Rehab; EN17110- RP-4 Process Improvements; EN19001- RP-5 Expansion to 30mgd; EN19006- RP-5 Biosolids Facility; EN24001- RP-1 Liquid Treatment Capacity Recovery; EN24002- RP-1 Solids Treatment Expansion.</p>

Table 2: Disbursements in Excess of \$500,000 per Vendor (continued)

MYERS & SONS CONSTRUCTION LP	\$1,270,971.78	12/18 Professional Services for: EN14019-RP-1 Headworks Primary & Secondary Upgrades
PARSONS WATER & INFRASTRUCTURE	\$ 940,018.21	11/2018 Professional Svc's for: EN19001-RP-5 Expansion to 30 mgd; EN19006- RP-5 Biosolids Facility.
IRS	\$ 709,110.48	P/R 01, 02: Dir 01 Payroll Taxes
PERS	\$ 692,972.32	01/19 Health Ins / P/R 01, 02 Def Comp/ 2019 RBP-Replacement Benefit Contribution

Attachment 2A

Vendor Checks

Bank		CBB		CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149					
Acct number		CHECK		231167641			
Check							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
227070	2200096175	01/03/2019	USD	360.98	BONTON INDUSTRIES INC YORBA LINDA CA		01/14/2019
227071	2200096164	01/03/2019	USD	12,460.00	POWER SYSTEMS SERVICES INC CHINO CA		01/10/2019
227072	2200096191	01/03/2019	USD	15,722.77	PRIORITY BUILDING SERVICES LLC BREA CA		01/10/2019
227073	2200096195	01/03/2019	USD	176.32	QUINN COMPANY LOS ANGELES CA		01/07/2019
227074	2200096198	01/03/2019	USD	608.98	RAM METER ROYAL OAK MI		01/08/2019
227075	2200096153	01/03/2019	USD	110.50	RAYNE WATER CONDITIONING COVINA CA		01/07/2019
227076	2200096154	01/03/2019	USD	2,558.91	ROYAL INDUSTRIAL SOLUTIONS LOS ANGELES CA		01/07/2019
227077	2200096178	01/03/2019	USD	662.26	RSD LAKE FOREST CA		01/07/2019
227078	2200096179	01/03/2019	USD	658.06	S&C ELECTRIC COMPANY CHICAGO IL		01/07/2019
227079	2200096168	01/03/2019	USD	6,555.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA		01/08/2019
227080	2200096216	01/03/2019	USD	300.00	SCHOLL, STEVEN RANCHO CUCAMONGA CA		01/07/2019
227081	2200096201	01/03/2019	USD	525.04	SO CALIF EDISON ROSEMEAD CA		01/08/2019
227082	2200096202	01/03/2019	USD	334.19	SO CALIF GAS MONTEREY PARK CA		01/10/2019
227083	2200096163	01/03/2019	USD	9,592.00	STATE WATER RESOURCES CNTRL BRSACRAMENTO CA		01/09/2019
227084	2200096167	01/03/2019	USD	720.00	STRADLING YOCCA CARLSON & RAUTINEWPORT BEACH CA		01/08/2019
227085	2200096165	01/03/2019	USD	1,519.45	TELEDYNE INSTRUMENTS INC CHICAGO IL		01/07/2019
227086	2200096197	01/03/2019	USD	214.47	TESTAMERICA LABORATORIES INC NORTH CANTON OH		01/08/2019
227087	2200096182	01/03/2019	USD	1,500.00	TOTALFUNDS BY HASLER CAROL STREAM IL		01/10/2019
227088	2200096190	01/03/2019	USD	283.75	TRIEPEI SMITH AND ASSOCIATES, IRVINE CA		01/09/2019
227089	2200096170	01/03/2019	USD	342.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA		01/07/2019
227090	2200096155	01/03/2019	USD	373.00	UNDERGROUND SERVICE ALERT/SC CORONA CA		01/09/2019
227091	2200096205	01/03/2019	USD	243.33	US DEPARTMENT OF EDUCATION ATLANTA GA		01/14/2019
227092	2200096192	01/03/2019	USD	7,711.05	VIRAMONTES EXPRESS INC CORONA CA		01/14/2019
227093	2200096176	01/03/2019	USD	596.94	YORK EMPLOYMENT SERVICES INC ONTARIO CA		01/07/2019
227094	2200096254	01/10/2019	USD	352.96	ACCUSTANDARD INC NEW HAVEN CT		02/06/2019
227095	2200096237	01/10/2019	USD	429.60	AIRGAS WEST INC PASADENA CA		01/14/2019
227096	2200096282	01/10/2019	USD	1,160.64	ALTA FOODCRAFT COFFEE LONG BEACH CA		01/15/2019
227097	2200096310	01/10/2019	USD	188.02	AMERICAN HERITAGE LIFE INSURANCE DALLAS TX		01/24/2019
227098	2200096277	01/10/2019	USD	298.38	AMERICAN PRINTING & PROMOTIONS CHINO CA		01/22/2019
227099	2200096244	01/10/2019	USD	2,443.20	APPLEONE EMPLOYMENT SERVICES GLENDALE CA		01/16/2019
227100	2200096283	01/10/2019	USD	2,726.01	ASAP INDUSTRIAL SUPPLY FONTANA CA		01/15/2019
227101	2200096266	01/10/2019	USD	204.00	AUTOMATIONDIRECT.COM INC ATLANTA GA		01/16/2019
227102	2200096288	01/10/2019	USD	1,258.58	BERLIN PACKAGING LLC CHICAGO IL		01/14/2019
227103	2200096246	01/10/2019	USD	299.85	BLAZE CONE COMPANY PORTLAND OR		01/15/2019
227104	2200096233	01/10/2019	USD	1,919.89	BRITHINEE ELECTRIC COLTON CA		01/14/2019
227105	2200096307	01/10/2019	USD	5,205.08	BURRTEC WASTE INDUSTRIES INC FONTANA CA		01/17/2019
227106	2200096248	01/10/2019	USD	87.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA		01/17/2019
227107	2200096279	01/10/2019	USD	8,000.00	CALIFORNIA STRATEGIES LLC SACRAMENTO CA		01/16/2019
227108	2200096289	01/10/2019	USD	3,742.17	CALIFORNIA WATER TECHNOLOGIES, PASADENA CA		01/15/2019
227109	2200096316	01/10/2019	USD	133.53	CAMACHO, MICHAEL CHINO HILLS CA		01/14/2019
227110	2200096256	01/10/2019	USD	28,263.18	CAROLLO ENGINEERS INC SALT LAKE CITY UT		01/15/2019
227111	2200096267	01/10/2019	USD	1,958.22	CASC ENGINEERING AND CONSULTING COLTON CA		01/16/2019
227112	2200096250	01/10/2019	USD	8,160.50	CHAMPION NEWSPAPERS CHINO CA		02/05/2019
227113	2200096249	01/10/2019	USD	3,840.00	CHINO BASIN WATER CONSERVATION MONTCLAIR CA		01/22/2019

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

Check Register
 CEB Disbursement Account-January 2019

02/25/2019 / 20:36:02
 User: CCAMPBRL
 Page: 3

Bank		CEB	CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149				
Acct number		CHECK	231167641			
Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
227114	2200096255	01/10/2019	USD	54.50	CHINO CREEK TOASTMASTER CLUB CHINO HILLS CA	
227115	2200096274	01/10/2019	USD	407.14	CINTAS CORPORATION ONTARIO CA	01/17/2019
227116	2200096264	01/10/2019	USD	978.34	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	01/15/2019
227117	2200096240	01/10/2019	USD	376.00	CITY OF CHINO CHINO CA	01/15/2019
227118	2200096241	01/10/2019	USD	404.00	CITY OF ONTARIO ONTARIO CA	01/15/2019
227119	2200096247	01/10/2019	USD	200.00	CITY OF RANCHO CUCAMONGA RANCHO CUCAMONGA CA	01/16/2019
227120	2200096323	01/10/2019	USD	88.00	CORREIA, DAVID CHINO HILLS CA	01/11/2019
227121	2200096322	01/10/2019	USD	314.65	DELGADO, ROBERTO CHINO HILLS CA	
227122	2200096321	01/10/2019	USD	125.00	DIAS, MICHAEL CHINO HILLS CA	01/14/2019
227123	2200096319	01/10/2019			voided by RJACKSON - Check not needed	01/10/2019
227124	2200096293	01/10/2019	USD	17,366.75	ECOTECH SERVICES INC MONROVIA CA	02/07/2019
227125	2200096286	01/10/2019	USD	1,550.00	EPI-USE AMERICA INC ATLANTA GA	01/22/2019
227126	2200096292	01/10/2019	USD	4,451.00	FIREHAWK FIRE & SAFETY ESCONDIDO CA	01/22/2019
227127	2200096234	01/10/2019	USD	1,555.70	FISHER SCIENTIFIC LOS ANGELES CA	01/14/2019
227128	2200096243	01/10/2019	USD	199.15	FONTANA HERALD NEWS FONTANA CA	01/16/2019
227129	2200096304	01/10/2019	USD	825.46	FONTANA WATER COMPANY FONTANA CA	01/17/2019
227130	2200096309	01/10/2019	USD	2,947.63	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	01/16/2019
227131	2200096273	01/10/2019	USD	7,564.00	GET CONSULTANTS INC BOSTON MA	01/15/2019
227132	2200096285	01/10/2019	USD	5,499.00	GHD PASADENA CA	01/14/2019
227133	2200096239	01/10/2019	USD	3,107.37	GRAINGER PALATINE IL	01/15/2019
227134	2200096299	01/10/2019	USD	7,635.00	HEAVENLY PET RESORT INC WEST COVINA CA	01/14/2019
227135	2200096324	01/10/2019	USD	50.00	Hallihan, Diane Alta Loma CA	02/04/2019
227136	2200096251	01/10/2019	USD	25.00	IAPMA-HR RIVERSIDE CA	
227137	2200096271	01/10/2019	USD	8,000.00	INNOVATIVE FEDERAL STRATEGIES WASHINGTON DC	01/16/2019
227138	2200096272	01/10/2019	USD	636.00	INSIDE PLANTS INC CORONA CA	01/16/2019
227139	2200096296	01/10/2019	USD	55,067.77	KEARNS & WEST SAN FRANCISCO CA	01/18/2019
227140	2200096253	01/10/2019	USD	1,593.50	KONICA MINOLTA PASADENA CA	01/14/2019
227141	2200096308	01/10/2019	USD	847.34	LEVEL 3 COMMUNICATIONS LLC DENVER CO	01/15/2019
227142	2200096314	01/10/2019	USD	14,835.69	LIFE INSURANCE COMPANY OF PHILADELPHIA PA	01/17/2019
227143	2200096291	01/10/2019	USD	3,185.88	MANAGED MOBILE INC PLACENTIA CA	01/15/2019
227144	2200096252	01/10/2019	USD	1,350.00	MBC APPLIED ENVIRONMENTAL SCIECOSTA MESA CA	01/16/2019
227145	2200096262	01/10/2019	USD	650.27	MCR TECHNOLOGIES INC LAKE FOREST CA	01/17/2019
227146	2200096297	01/10/2019	USD	11,317.74	MEANS CONSULTING LLC NEWPORT BEACH CA	01/15/2019
227147	2200096278	01/10/2019	USD	15,332.83	NEW YORK BLOWER COMPANY WILLOWBROOK IL	01/17/2019
227148	2200096315	01/10/2019	USD	197.68	O'BRIEN, MICHELLE CHINO HILLS CA	01/18/2019
227149	2200096245	01/10/2019	USD	5,877.44	ONTARIO FIRE EXTINGUISHER CO ONTARIO CA	01/23/2019
227150	2200096300	01/10/2019	USD	304.00	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	01/14/2019
227151	2200096318	01/10/2019	USD	28.72	ORTIZ, BRIAN CHINO HILLS CA	01/18/2019
227152	2200096313	01/10/2019	USD	205.38	PERS LONG TERM CARE PROGRAM PASADENA CA	01/14/2019
227153	2200096238	01/10/2019	USD	345.07	PETTY CASH EXPENDITURES CHINO CA	01/15/2019
227154	2200096312	01/10/2019	USD	6,722.64	PUBLIC EMPLOYEES RETIREMENT SACRAMENTO CA	01/25/2019
227155	2200096261	01/10/2019	USD	223.03	RED WING BUSINESS ADVANTAGE DALLAS TX	01/15/2019
227156	2200096320	01/10/2019	USD	125.00	REED, MICHELLE CHINO HILLS CA	01/17/2019
227157	2200096301	01/10/2019	USD	17,002.88	SO CALIF EDISON ROSEMEAD CA	01/23/2019

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

Check Register
 CBB Disbursement Account-January 2019

02/25/2019 / 20:36:02
 User: CCAMPBRL
 Page: 4

Bank		CITIZENS BUSINESS BANK		ONTARIO CA 917610000		
Bank Key		122234149				
Acct number		CHECK 231167641				
Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
227158	2200096302	01/10/2019	USD	38,810.32	SO CALIF EDISON ROSEMEAD CA	01/15/2019
227159	2200096303	01/10/2019	USD	2,713.97	SO CALIF GAS MONTEREY PARK CA	01/18/2019
227160	2200096281	01/10/2019	USD	25.00	SOUTHERN CALIFORNIA PUBLIC LOS ANGELES CA	01/17/2019
227161	2200096287	01/10/2019	USD	5,296.10	STAFFING NETWORK LLC CAROL STREAM IL	01/17/2019
227162	2200096258	01/10/2019	USD	1,638.00	STATE WATER RESOURCES CNTRL BRSACRAMENTO CA	01/22/2019
227163	2200096260	01/10/2019	USD	4,823.06	U S BANK ST PAUL MN	01/16/2019
227164	2200096275	01/10/2019	USD	17,269.00	U S BANK ST LOUIS MO	01/17/2019
227165	2200096265	01/10/2019	USD	240.00	U S HEALTHWORKS MEDICAL GROUP LOS ANGELES CA	01/14/2019
227166	2200096263	01/10/2019	USD	1,251.82	VERIZON WIRELESS DALLAS TX	01/17/2019
227167	2200096270	01/10/2019	USD	1,605.36	WORLDWIDE EXPRESS ALBANY NY	01/23/2019
227168	2200096269	01/10/2019	USD	1,925.62	YORK EMPLOYMENT SERVICES, INC SAN FRANCISCO CA	01/14/2019
227169	2200096280	01/10/2019	USD	222.47	YRC PASADENA CA	01/17/2019
227170	2200096393	01/17/2019	USD	443.33	10-8 RETROFIT INC ONTARIO CA	01/23/2019
227171	2200096406	01/17/2019	USD	215.00	AACE INTERNATIONAL MORGANTOWN WV	01/23/2019
227172	2200096359	01/17/2019	USD	2,852.02	AGILENT TECHNOLOGIES, INC. CHICAGO IL	01/22/2019
227173	2200096358	01/17/2019	USD	600.37	AGILENT TECHNOLOGIES INC LOS ANGELES CA	01/22/2019
227174	2200096347	01/17/2019	USD	2,252.04	AIRGAS WEST INC PASADENA CA	01/22/2019
227175	2200096375	01/17/2019	USD	298.38	AMERICAN PRINTING & PROMOTIONSCHINO CA	01/30/2019
227176	2200096352	01/17/2019	USD	1,221.60	APPLEBONE EMPLOYMENT SERVICES GLENDALE CA	01/23/2019
227177	2200096376	01/17/2019	USD	4,495.29	AQUA-AEROBIC SYSTEMS INC LOVES PARK IL	01/23/2019
227178	2200096381	01/17/2019	USD	217.72	ASAP INDUSTRIAL SUPPLY FONTANA CA	01/24/2019
227179	2200096385	01/17/2019	USD	1,830.77	AUTOZONE INC ATLANTA GA	01/23/2019
227180	2200096377	01/17/2019	USD	2,298.97	BIOTAGE LLC PHILADELPHIA PA	01/23/2019
227181	2200096367	01/17/2019	USD	950.28	BOOT BARN INC IRVINE CA	01/22/2019
227182	2200096340	01/17/2019	USD	536.60	BRITHINEE ELECTRIC COLTON CA	01/22/2019
227183	2200096389	01/17/2019	USD	23,809.84	BUSINESS CARD WILMINGTON DE	01/25/2019
227184	2200096355	01/17/2019	USD	188.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	01/31/2019
227185	2200096400	01/17/2019	USD	47.80	CALIFORNIA DEPARTMENT OF TAX SACRAMENTO CA	01/25/2019
227186	2200096388	01/17/2019	USD	15,797.27	CALIFORNIA WATER TECHNOLOGIES,PASADENA CA	01/22/2019
227187	2200096341	01/17/2019	USD	4,255.36	CALITROL INC LOS ANGELES CA	01/22/2019
227188	2200096425	01/17/2019	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	01/23/2019
227189	2200096368	01/17/2019	USD	657.28	CHINO MFG & REPAIR INC CHINO CA	01/23/2019
227190	2200096374	01/17/2019	USD	1,497.03	CINTAS CORPORATION LOC#150 PHOENIX AZ	01/29/2019
227191	2200096365	01/17/2019	USD	61.31	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	01/25/2019
227192	2200096423	01/17/2019	USD	425.50	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	01/25/2019
227193	2200096407	01/17/2019	USD	1,784.35	CITY OF CHINO CHINO CA	01/22/2019
227194	2200096342	01/17/2019	USD	329.69	COLE PARMER INSTRUMENT CO CHICAGO IL	01/22/2019
227195	2200096384	01/17/2019	USD	6,612.43	CONSERV CONSTRUCTION INC MENIFEE CA	01/22/2019
227196	2200096409	01/17/2019	USD	282.51	CUCAMONGA VALLEY WATER DISTRICTLOS ANGELES CA	01/23/2019
227197	2200096351	01/17/2019	USD	2,000.00	CUCAMONGA VALLEY WATER DISTRICTRANCHO CUCAMONGA CA	
227198	2200096343	01/17/2019	USD	1,146.70	FISHER SCIENTIFIC LOS ANGELES CA	01/22/2019
227199	2200096353	01/17/2019	USD	3,222.44	FLUID COMPONENTS INTERNATIONALSAN MARCOS CA	01/23/2019
227200	2200096422	01/17/2019	USD	235.00	FRANCHISE TAX BOARD SACRAMENTO CA	02/13/2019
227201	2200096413	01/17/2019	USD	3,499.09	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	01/25/2019

Bank		CBB	CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149				
Acct number		CHECK	231167641			
Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
227202	2200096404	01/17/2019	USD	6,345.95	FUEL TRANSFER LLC ONTARIO CA	01/22/2019
227203	2200096429	01/17/2019	USD	509.68	GALLAGHER, MICHAEL CHINO HILLS CA	01/23/2019
227204	2200096383	01/17/2019	USD	48,436.03	GHD PASADENA CA	01/22/2019
227205	2200096350	01/17/2019	USD	6,582.93	GRAINGER PALATINE IL	01/23/2019
227206	2200096399	01/17/2019	USD	81,610.51	GWINGO CONSTRUCTION & ENGINEERONTARIO CA	01/23/2019
227207	2200096345	01/17/2019	USD	446.06	HOME DEPOT CREDIT SERVICES PHOENIX AZ	01/23/2019
227208	2200096395	01/17/2019	USD	233.26	IDEXX DISTRIBUTION INC ATLANTA GA	01/22/2019
227209	2200096418	01/17/2019	USD	51.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	01/22/2019
227210	2200096403	01/17/2019	USD	420,745.50	KIEWIT INFRASTRUCTURE WEST CO SANTA FE SPRINGS CA	01/25/2019
227211	2200096382	01/17/2019	USD	140.00	KIM'S MASTER AUTO REPAIR CHINO CA	01/24/2019
227212	2200096426	01/17/2019	USD	195.44	KING, JEFFREY L CHINO HILLS CA	01/29/2019
227213	2200096357	01/17/2019	USD	417.58	KONICA MINOLTA BUSINESS SOLUTIPASADENA CA	01/22/2019
227214	2200096401	01/17/2019	USD	8,145.00	LITTLER MENDELSON PC SAN FRANCISCO CA	01/23/2019
227215	2200096405	01/17/2019	USD	1,186.05	MARTIN ENGINEERING NEPONSET IL	01/24/2019
227216	2200096356	01/17/2019	USD	4,050.00	MBC AQUATIC SCIENCES INC COSTA MESA CA	01/22/2019
227217	2200096387	01/17/2019	USD	282.31	MICROAGE PHOENIX AZ	01/23/2019
227218	2200096362	01/17/2019	USD	265.82	MIDPOINT BEARING ONTARIO CA	01/22/2019
227219	2200096408	01/17/2019	USD	6,185.12	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	01/22/2019
227220	2200096427	01/17/2019	USD	129.00	POMPA, JESSE CHINO HILLS CA	02/01/2019
227221	2200096428	01/17/2019	USD	61.80	ROBSON, PAT CHINO HILLS CA	01/29/2019
227222	2200096371	01/17/2019	USD	6,270.00	SAGE SOFTWARE INC CHICAGO IL	01/22/2019
227223	2200096364	01/17/2019	USD	1,250.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	
227224	2200096414	01/17/2019	USD	887.14	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	01/24/2019
227225	2200096410	01/17/2019	USD	112,441.77	SO CALIF EDISON ROSEMEAD CA	01/30/2019
227226	2200096411	01/17/2019	USD	4,273.67	SO CALIF EDISON ROSEMEAD CA	01/28/2019
227227	2200096373	01/17/2019	USD	400.00	SOUTHERN CALIFORNIA EDISON ROSEMEAD CA	01/25/2019
227228	2200096386	01/17/2019	USD	2,118.74	STAFFING NETWORK LLC CAROL STREAM IL	01/28/2019
227229	2200096379	01/17/2019	USD	200.00	ULLOA, EUNICE M CHINO CA	
227230	2200096420	01/17/2019	USD	243.33	US DEPARTMENT OF EDUCATION ATLANTA GA	01/28/2019
227231	2200096412	01/17/2019	USD	460.18	VERIZON BUSINESS ALBANY NY	01/23/2019
227232	2200096435	01/17/2019	USD	504.00	PETE'S ROAD SERVICE FULLERTON CA	01/24/2019
227233	2200096433	01/17/2019	USD	3,869.70	RMA GROUP RANCHO CUCAMONGA CA	01/25/2019
227234	2200096434	01/17/2019	USD	28,594.28	ROYAL INDUSTRIAL SOLUTIONS LOS ANGELES CA	01/22/2019
227235	2200096442	01/17/2019	USD	230.32	SO CALIF GAS MONTEREY PARK CA	01/28/2019
227236	2200096436	01/17/2019	USD	538.58	SOUTH COAST AQMD DIAMOND BAR CA	01/28/2019
227237	2200096440	01/17/2019	USD	24,602.82	STANTEC CONSULTING INC CHICAGO IL	01/22/2019
227238	2200096437	01/17/2019	USD	1,651.00	STATE WATER RESOURCES CNTRL BRSACRAMENTO CA	01/28/2019
227239	2200096438	01/17/2019	USD	5,608.07	SYSTEMS SOURCE INC NEWPORT BEACH CA	01/22/2019
227240	2200096441	01/17/2019	USD	835.00	TRIEPEI SMITH AND ASSOCIATES, IRVINE CA	01/25/2019
227241	2200096439	01/17/2019	USD	26.94	URIMAGE BLOOMINGTON CA	01/25/2019
227242	2200096443	01/21/2019	USD	2,497.40	KONICA MINOLTA PASADENA CA	01/28/2019
227243	2200096469	01/24/2019	USD	147.14	AGILENT TECHNOLOGIES INC LOS ANGELES CA	01/28/2019
227244	2200096459	01/24/2019	USD	560.36	AIRGAS WEST INC PASADENA CA	01/29/2019
227245	2200096470	01/24/2019	USD	816.66	ARC IMAGING RESOURCES CALIFORNMONTEREY PARK CA	01/29/2019

Bank		CITIZENS BUSINESS BANK		ONTARIO CA 917610000		
Bank Key		122234149				
Acct number		CHECK 231167641				
Check						
Check number from to	Payment	Rmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
227246	2200096474	01/24/2019	USD	52.00	AUTOMATIONDIRECT.COM INC ATLANTA GA	01/28/2019
227247	2200096483	01/24/2019	USD	1,495.00	BUSINESS & LEGAL RESOURCES BRENTWOOD TN	01/31/2019
227248	2200096462	01/24/2019	USD	420.00	CALIF WATER ENVIRONMENT ASSOC OAKLAND CA	02/01/2019
227249	2200096482	01/24/2019	USD	10,362.75	CALIFORNIA WATER TECHNOLOGIES,PASADENA CA	01/29/2019
227250	2200096457	01/24/2019	USD	196.95	CALITROL INC LOS ANGELES CA	01/28/2019
227251	2200096496	01/24/2019	USD	175.00	CAMBIASO, PIETRO CHINO HILLS CA	01/31/2019
227252	2200096476	01/24/2019	USD	19,137.74	CASC ENGINEERING AND CONSULTINCOLTON CA	01/30/2019
227253	2200096491	01/24/2019	USD	123,310.00	CASCADE DRILLING LP BOIHILL WA	02/06/2019
227254	2200096497	01/24/2019	USD	232.44	CHAGOYEN-LAZARO, JAVIER CHINO CA	02/05/2019
227255	2200096463	01/24/2019	USD	1,800.00	CHINO BASIN WATER CONSERVATIONMONTCLAIR CA	02/01/2019
227256	2200096471	01/24/2019	USD	54.50	CHINO CREEK TOASTMASTER CLUB CHINO HILLS CA	
227257	2200096478	01/24/2019	USD	7,782.86	CINTAS CORPORATION LOCH#150 PHOENIX AZ	01/31/2019
227258	2200096473	01/24/2019	USD	2,234.90	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	02/04/2019
227259	2200096486	01/24/2019	USD	1,140.00	CSI SERVICES INC SANITA CLARITA CA	01/31/2019
227260	2200096494	01/24/2019	USD	566.78	CUCAMONGA VALLEY WATER DISTRICLOS ANGELES CA	01/29/2019
227261	2200096477	01/24/2019	USD	1,961.79	DESERT PUMPS AND PARTS INC BELLA VISTA AR	02/08/2019
227262	2200096480	01/24/2019	USD	20,440.00	EUROFINS EATON ANALYTICAL LLC GRAPEVINE TX	01/29/2019
227263	2200096484	01/24/2019	USD	57,796.20	FACILITY SOLUTIONS GROUP INC PLACENTIA CA	01/29/2019
227264	2200096458	01/24/2019	USD	631.04	FISHER SCIENTIFIC LOS ANGELES CA	01/28/2019
227265	2200096461	01/24/2019	USD	159.32	FONTANA HERALD NEWS FONTANA CA	01/29/2019
227266	2200096495	01/24/2019	USD	716.42	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	01/31/2019
227267	2200096489	01/24/2019	USD	578.51	GARRATT CALLAHAN COMPANY BURLINGAME CA	01/30/2019
227268	2200096460	01/24/2019	USD	1,918.21	GRAINGER PALATINE IL	01/29/2019
227269	2200096468	01/24/2019	USD	395.00	GREATER ONTARIO BUSINESS COUNONTARIO CA	02/04/2019
227270	2200096472	01/24/2019	USD	3,258.36	HORIZON TECHNOLOGY SALEM NH	01/29/2019
227271	2200096465	01/24/2019	USD	167,269.78	J F SHEA CONSTRUCTION INC WALNUT CA	01/29/2019
227272	2200096492	01/24/2019	USD	971.81	KIRBY BRILL BOZEMAN MT	01/28/2019
227273	2200096464	01/24/2019	USD	5,175.68	KONICA MINOLTA BUSINESS SOLUTIPASADENA CA	01/28/2019
227274	2200096479	01/24/2019	USD	1,154.04	MARS ENVIRONMENTAL INC ANAHEIM CA	02/14/2019
227275	2200096488	01/24/2019	USD	10,356.68	MEANS CONSULTING LLC NEWPORT BEACH CA	01/28/2019
227276	2200096481	01/24/2019	USD	123.91	MICROAGE PHOENIX AZ	01/29/2019
227277	2200096490	01/24/2019	USD	85.00	MK AUTO DETAIL INC ONTARIO CA	02/14/2019
227278	2200096466	01/24/2019	USD	325.00	MONTCLAIR CHAMBER OF COMMERCE MONTCLAIR CA	02/20/2019
227279	2200096485	01/24/2019	USD	25,725.00	MWH CONSTRUCTORS INC BROOMFIELD CO	01/30/2019
227280	2200096487	01/24/2019	USD	1,270,971.78	MVERS AND SONS CONSTRUCTION LPSACRAMENTO CA	01/31/2019
227281	2200096499	01/24/2019	USD	145.89	NANGIA, SAPNA CHINO HILLS CA	02/04/2019
227282	2200096493	01/24/2019	USD	296.78	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	01/28/2019
227283	2200096498	01/24/2019	USD	8.00	SARMIENTO, JESSICA CHINO HILLS CA	02/12/2019
227284	2200096500	01/24/2019	USD		voided by KMCCHRIS - Reversed check payment	01/29/2019
227285	2200096475	01/24/2019	USD	10,000.00	SO CALIF SALINITY COALITION FOUNTAIN VALLEY CA	01/31/2019
227286	2200096467	01/24/2019	USD	165.00	UPLAND CHAMBER OF COMMERCE UPLAND CA	01/31/2019
227287	2200096668	01/29/2019	USD	187.74	EBREIG, ANNA VICTORVILLE CA	02/12/2019
227288	2200096671	01/29/2019	USD	511.48	HOBBS, DIANA APPLE VALLEY CA	02/05/2019
227289	2200096669	01/29/2019	USD	511.48	HORNE, WILLIAM YUCCA VALLEY CA	02/04/2019

Bank		CBB	CITIZENS BUSINESS BANK		ONTARIO CA 917610000		
Bank Key		122234149					
Acct number		CHECK	231167641				
Check							
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void	
227290	2200096670	01/29/2019	USD	806.38	MILLER, ELMER L BLUE JAY CA	02/14/2019	
227291	2200096667	01/29/2019	USD	412.40	SO CALIF EDISON ROSEMEAD CA	02/04/2019	
227292	2200096695	01/31/2019	USD	1,628.53	ACCURATE AIR ENGINEERING INC CERRITOS CA	02/05/2019	
227293	2200096779	01/31/2019	USD	300.00	AGUILERA, SAIL RANCHO CUCAMONGA CA	02/11/2019	
227294	2200096689	01/31/2019	USD	680.90	AIRGAS WEST INC PASADENA CA	02/04/2019	
227295	2200096720	01/31/2019	USD	12,287.36	ALLIED UNIVERSAL SECURITY SERVVPASADENA CA	02/04/2019	
227296	2200096750	01/31/2019	USD	188.02	AMERICAN HERITAGE LIFE INSURANDALLAS TX	02/11/2019	
227297	2200096702	01/31/2019	USD	11,655.18	ANTHRACITE FILTER MEDIA CO LOS ANGELES CA	02/13/2019	
227298	2200096693	01/31/2019	USD	916.20	APPLEONE EMPLOYMENT SERVICES GLENDALE CA	02/05/2019	
227299	2200096697	01/31/2019	USD	1,914.37	ARC IMAGING RESOURCES CALIFORNMONTEREY PARK CA	02/06/2019	
227300	2200096726	01/31/2019	USD	8,575.00	ATKINSON, ANDELSON, LOYA, RUUDCERRITOS CA	02/07/2019	
227301	2200096743	01/31/2019	USD	198,980.87	BEST CONTRACTING SERVICES INC GARDENA CA	02/11/2019	
227302	2200096774	01/31/2019	USD	87.53	BIESIADA, JOSH CHINO HILLS CA	02/06/2019	
227303	2200096728	01/31/2019	USD	17,339.00	BRIGHTVIEW LANDSCAPE SERVICES PASADENA CA	02/04/2019	
227304	2200096729	01/31/2019	USD	11,574.20	CALIFORNIA WATER TECHNOLOGIES,PASADENA CA	02/04/2019	
227305	2200096745	01/31/2019	USD	5,321.00	CALIFORNIA WATER EFFICIENCY SACRAMENTO CA	02/06/2019	
227306	2200096681	01/31/2019	USD	4,492.81	CALITROL INC LOS ANGELES CA	02/04/2019	
227307	2200096768	01/31/2019	USD	147.63	CARL H TAYLOR III CRYSTAL RIVER FL	02/05/2019	
227308	2200096706	01/31/2019	USD	2,440.00	CASC ENGINEERING AND CONSULTINCOLTON CA	02/06/2019	
227309	2200096746	01/31/2019	USD	4,216.00	CAUSEY CONSULTING WALNUT CREEK CA	02/04/2019	
227310	2200096771	01/31/2019	USD	45.78	CHAVEZ, NESTOR C CHINO HILLS CA		
227311	2200096705	01/31/2019	USD	7,250.52	CHINO MFG & REPAIR INC CHINO CA	02/04/2019	
227312	2200096714	01/31/2019	USD	2,393.72	CINTAS CORPORATION LOCH#150 PHOENIX AZ	02/08/2019	
227313	2200096765	01/31/2019	USD	425.50	CITY EMPLOYEES ASSOCIATES LONG BEACH CA	02/05/2019	
227314	2200096692	01/31/2019	USD	13,633.00	CITY OF CHINO HILLS CHINO HILLS CA	02/07/2019	
227315	2200096708	01/31/2019	USD	20,784.60	CITY OF MONICLAIR MONICLAIR CA	02/08/2019	
227316	2200096759	01/31/2019	USD	334.26	COLONIAL LIFE & ACCIDENT INSURCOLUMBIA SC	02/05/2019	
227317	2200096777	01/31/2019	USD	404.07	CORREIA, DAVID CHINO HILLS CA	02/05/2019	
227318	2200096703	01/31/2019	USD	135.00	COUNTY OF SAN BERNARDINO SAN BERNARDINO CA	02/11/2019	
227319	2200096682	01/31/2019	USD	8,796.62	COUNTY SANITATION DISTRICTS OFWHITTIER CA	02/05/2019	
227320	2200096740	01/31/2019	USD	13,300.00	CSI SERVICES INC SANTA CLARITA CA	02/11/2019	
227321	2200096722	01/31/2019	USD	4,315.00	DAVID WHEELER'S PEST CONTROL, NORCO CA	02/05/2019	
227322	2200096725	01/31/2019	USD	200.00	EUROFINS EATON ANALYTICAL LLC GRAPEVINE TX	02/05/2019	
227323	2200096767	01/31/2019	USD	2,264.28	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	02/07/2019	
227324	2200096683	01/31/2019	USD	12,175.01	FISHER SCIENTIFIC LOS ANGELES CA	02/04/2019	
227325	2200096684	01/31/2019	USD	4,643.29	FLO SYSTEMS INC ANAHEIM HILLS CA	02/05/2019	
227326	2200096763	01/31/2019	USD	235.00	FRANCHISE TAX BOARD SACRAMENTO CA	02/19/2019	
227327	2200096724	01/31/2019	USD	43,375.83	GHD PASADENA CA	02/04/2019	
227328	2200096738	01/31/2019	USD	19,350.00	GILLIS + PANICHAPAN ARCHITECTSCOSTA MESA CA	02/05/2019	
227329	2200096691	01/31/2019	USD	4,100.45	GRAINGER PALATINE IL	02/05/2019	
227330	2200096772	01/31/2019	USD	301.10	HAWES, STEPHANIE CHINO HILLS CA	02/01/2019	
227331	2200096742	01/31/2019	USD	196,725.28	HENKELS & MC COY INC BLUE BELL PA	02/06/2019	
227332	2200096685	01/31/2019	USD	1.62	HOME DEPOT CREDIT SERVICES PHOENIX AZ	02/07/2019	
227333	2200096770	01/31/2019	USD	88.39	HOOVEN, PAULA CHINO HILLS CA	02/11/2019	

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

Check Register
 CBB Disbursement Account-January 2019

02/25/2019 / 20:36:02
 User: CCAMPBEL
 Page: 8

Bank		CBB	CITIZENS BUSINESS BANK		ONTARIO CA 917610000	
Bank Key		122234149				
Acct number		CHECK	231167641			
Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
227334	2200096755	01/31/2019	USD	51.00	INLAND EMPIRE UNITED WAY RANCHO CUCAMONGA CA	02/04/2019
227335	2200096709	01/31/2019	USD	8,000.00	INNOVATIVE FEDERAL STRATEGIES WASHINGTON DC	02/11/2019
227336	2200096718	01/31/2019	USD	1,194.85	JB'S POOLS & PONDS INC UPLAND CA	02/05/2019
227337	2200096723	01/31/2019	USD	2,265.66	KIM'S MASTER AUTO REPAIR CHINO CA	02/05/2019
227338	2200096704	01/31/2019	USD	39,879.42	LEE & RO INC CITY OF INDUSTRY CA	02/06/2019
227339	2200096769	01/31/2019	USD	218.72	LEE, SYLVIE CHINO HILLS CA	
227340	2200096764	01/31/2019	USD	523.20	LEGALSHIELD ADA OK	02/08/2019
227341	2200096744	01/31/2019	USD	3,596.06	LONE STAR BLOWER FRIENDSWOOD TX	02/07/2019
227342	2200096735	01/31/2019	USD	1,354.03	MANAGED MOBILE INC PLACENTIA CA	02/05/2019
227343	2200096701	01/31/2019	USD	127.33	MIDPOINT BEARING ONTARIO CA	02/04/2019
227344	2200096721	01/31/2019	USD	6,332.61	MYERS & SONS HI-WAY SAFETY INCCHINO CA	02/05/2019
227345	2200096776	01/31/2019	USD	125.00	NASHED, KIROLS CHINO HILLS CA	
227346	2200096736	01/31/2019	USD	37,440.00	NATIONAL ASSOCIATION POTOMAC FALLS VA	02/05/2019
227347	2200096741	01/31/2019	USD	27,500.00	NATIONAL CENTER FOR CIVIC INNNEW YORK NY	02/12/2019
227348	2200096737	01/31/2019	USD	966.74	NEW MILLENNIUM CONSTRUCTION CHINO HILLS CA	02/04/2019
227349	2200096717	01/31/2019	USD	873.47	NEW YORK BLOWER COMPANY WILLOWBROOK IL	02/05/2019
227350	2200096761	01/31/2019	USD	410.76	PERS LONG TERM CARE PROGRAM PASADENA CA	02/04/2019
227351	2200096690	01/31/2019	USD	1,038.52	PETTY CASH EXPENDITURES CHINO CA	02/04/2019
227352	2200096778	01/31/2019	USD	50.00	Perez, Lisa Ontario CA	02/05/2019
227353	2200096696	01/31/2019	USD	395.00	RANCHO CUCAMONGA RANCHO CUCAMONGA CA	02/15/2019
227354	2200096780	01/31/2019	USD	300.00	SANTOS, GERARDO CHINO HILLS CA	
227355	2200096751	01/31/2019	USD	553.73	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	02/11/2019
227356	2200096775	01/31/2019	USD	210.00	SMITH, JASON D CHINO HILLS CA	02/05/2019
227357	2200096730	01/31/2019	USD	141.15	SPORT PINS INTERNATIONAL INC UPLAND CA	02/05/2019
227358	2200096727	01/31/2019	USD	5,570.91	STAFFING NETWORK LLC CAROL STREAM IL	02/06/2019
227359	2200096700	01/31/2019	USD	2,236.00	STATE WATER RESOURCES CNTRL BRSACRAMENTO CA	02/12/2019
227360	2200096694	01/31/2019	USD	4,014.44	TELEDYNE INSTRUMENTS INC CHICAGO IL	02/04/2019
227361	2200096710	01/31/2019	USD	160.00	THE INSTITUTE OF INTERNAL AUDIORLANDO FL	02/05/2019
227362	2200096734	01/31/2019	USD	60.00	THE SHREDDERS LOS ANGELES CA	02/11/2019
227363	2200096719	01/31/2019	USD	10,208.50	US BANK VOYAGER FLEET SYSTEMS KANSAS CITY MO	02/05/2019
227364	2200096758	01/31/2019	USD	243.33	US DEPARIMENT OF EDUCATION ATLANTA GA	02/08/2019
227365	2200096713	01/31/2019	USD	24,841.00	VAUGHAN'S INDUSTRIAL REPAIR COPARAMOUNT CA	02/05/2019
227366	2200096707	01/31/2019	USD	43,320.00	W A RASIC CONSTRUCTION CO INC LONG BEACH CA	02/06/2019
227367	2200096748	01/31/2019	USD	500.00	WEST COVINA UNIFIED SCHOOL DISWEST COVINA CA	02/19/2019
227368	2200096756	01/31/2019	USD	2,273.36	WESTERN DENTAL PLAN ORANGE CA	02/13/2019
227369	2200096762	01/31/2019	USD	25.00	WILCO LIFE INSURANCE COMPANY CHARLOTTE NC	02/12/2019
* Payment method Check			USD	4,024,419.83		

Total of all entries

Check Register
CBB Disbursement Account-January 2019

02/25/2019 / 20:36:02
User: CCAMPBEL
Page: 9

Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	4,024,419.83		

Attachment 2B

Workers' Comp Checks

Inland Empire Util. Agency
 Chino, CA
 Company code 1000

Check Register
 CBB Workers Comp Account-January 2019

02/25/2019 / 20:35:28
 User: CCAMPBELL
 Page: 1

Bank	CBB	CITIZENS BUSINESS BANK	ONTARIO CA 917610000
Bank Key	122234149		
Acct number	WCOMP	231159290	

Checks created manually

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
05064	2200096431	01/02/2019	USD	251.73	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	01/09/2019
05065	2200096432	01/02/2019	USD	104.75	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	01/07/2019
05066	2200096526	01/09/2019	USD	358.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05067	2200096527	01/09/2019	USD	349.77	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05068	2200096528	01/09/2019	USD	104.75	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05069	2200096529	01/09/2019	USD	290.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05070	2200096907	01/16/2019	USD	123.50	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05071	2200096908	01/16/2019	USD	16.94	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05072	2200096909	01/16/2019	USD	62.07	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05073	2200096910	01/23/2019	USD	1,608.92	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05074	2200096911	01/23/2019	USD	93.29	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05075	2200096912	01/23/2019	USD	2,416.19	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05076	2200096913	01/23/2019	USD	12.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05077	2200096914	01/30/2019	USD	204.66	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
05078	2200096915	01/30/2019	USD	12.00	YORK RISK SERVICES GROUP RANCHO CUCAMONGA CA	
* Payment method Checks created manually			USD	6,008.57		

Total of all entries

Check Register
C&B Workers Comp Account-January 2019

02/25/2019 / 20:35:28
User: OCAMPBEL
Page: 2

Check number from to	Payment	Print date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	6,008.57		

Attachment 2C

Vendor ACHs

Check	Payee / Description	Amount
ACH	ICMA RETIREMENT TRUST 457 P/R 1 1/4/19 Deferred Comp Ded	HR 0075200 45,208.43
	ICMA RETIREMENT TRUST 457	\$ 45,208.43
ACH	LINCOLN NATIONAL LIFE INS CO P/R 1 1/4/19 Deferred Comp Ded	HR 0075200 71,105.13
	LINCOLN NATIONAL LIFE INS CO	\$ 71,105.13
ACH	ICMA RETIREMENT TRUST 401 P/R 1 1/4/19 Exec Deferred Comp	HR 0075200 61,457.44
	ICMA RETIREMENT TRUST 401	\$ 61,457.44
ACH	AQUA BEN CORPORATION RP1-25,300 Lbs Hydrofloc 750E	38206 31,349.86
	AQUA BEN CORPORATION	\$ 31,349.86
ACH	SANTA ANA WATERSHED November 2018 Truck Discharge	9413 5,077.12
	SANTA ANA WATERSHED	\$ 5,077.12
ACH	UNIVAR USA INC CCWRP-12,796 Lbs Sodium Bisulfite	LA690307 2,983.68
	UNIVAR USA INC	\$ 2,983.68
ACH	WAXIE SANITARY SUPPLY Bleach, Towels, PaperTowels, Liners, ToiletP	77913726 3,643.46
	WAXIE SANITARY SUPPLY	\$ 3,643.46
ACH	HACH COMPANY Inv-Sensor Cap Replacmenets	11252420 3,467.05
	HACH COMPANY	\$ 3,467.05
ACH	NATIONAL CONSTRUCTION RENTALS RP1-12/6/18-1/2/18 Toilet, Handwash	5227636 211.55
	NATIONAL CONSTRUCTION RENTALS	\$ 211.55
ACH	OLIN CORP TP1-4,876 Gals Sodium Hypochlorite CCWRP-2,996 Gals Sodium Hypochlorite RP5-4,922 Gals Sodium Hypochlorite	2610433 3,774.02 2610434 2,510.65 2610902 3,809.63
	OLIN CORP	\$ 10,094.30
ACH	FERREIRA COASTAL CONSTRUCTION EN19019-Fill Sand at RP2	5216-003.1 200,000.00
	FERREIRA COASTAL CONSTRUCTION	\$ 200,000.00
ACH	JC LAW FIRM	

Check	Payee / Description	Amount
	11/18 RCA Legal	00518 875.00
	11/18 IEUA vs Spicer-EN17018	00519 1,225.00
	11/18 Watermaster	00520 2,420.00
	11/18 General Legal	00517 51,545.00
	JC LAW FIRM	\$ 56,065.00
ACH	U S BANK - PAYMENT PLUS	
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200095123	8,768.78
	107780 SUPERIOR ELECTRIC MOTOR SERVICE I 2200095616	24,407.51
	107889 ALS ENVIRONMENTAL 2200095617	5,525.00
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200095742	3,660.60
	107432 PMC ENGINEERING LLC 2200095615	1,170.84
	100319 MISSION REPROGRAPHICS 2200095743	199.24
	104896 WESTERN WATER WORKS SUPPLY CO 2200095744	930.96
	105133 BIRMINGHAM CONTROLS INC 2200095745	7,770.54
	101945 FLORENCE FILTER CORP 2200095614	919.91
	101945 FLORENCE FILTER CORP 2200095943	452.14
	107432 PMC ENGINEERING LLC 2200095945	537.01
	107780 SUPERIOR ELECTRIC MOTOR SERVICE I 2200095946	8,013.62
	101706 CALOLYMPIC SAFETY 2200095613	2,331.88
	101123 ALL AMERICAN CRANE MAINTENANCE 2200095612	315.00
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200095611	2,155.51
	100319 MISSION REPROGRAPHICS 2200095470	10.78
	100163 J G TUCKER & SON INC 2200095469	271.28
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200095468	3,447.01
	104896 WESTERN WATER WORKS SUPPLY CO 2200095161	459.23
	U S BANK - PAYMENT PLUS	\$ 71,346.84
ACH	AMAZON BUSINESS	
	200 Classic GrainTexture Covers 116P-D6NQ-HCV	23.97
	Microwave Oven 1P9R-YRKD-TMF	54.83
	144 Birthday Cards 16Y6-JVVX-KWJ	60.07
	AMAZON BUSINESS	\$ 138.87
ACH	IEUA EMPLOYEES' ASSOCIATION	
	P/R 1 1/4/19 Employee Ded HR 0075200	225.00
	IEUA EMPLOYEES' ASSOCIATION	\$ 225.00
ACH	IEUA SUPERVISORS UNION ASSOCIA	
	P/R 1 1/4/19 Employee Ded HR 0075200	330.00
	IEUA SUPERVISORS UNION ASSOCIA\$	330.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA	
	P/R 1 1/4/19 Employee Ded HR 0075200	1,081.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,081.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS	
	P/R 1 1/4/19 Employee Ded HR 0075200	470.00
	IEUA PROFESSIONAL EMPLOYEES AS\$	470.00
ACH	DISCOVERY BENEFITS INC	
	P/R 1 1/4/19 Cafeteria Plan HR 0075200	4,037.40

Check	Payee / Description	Amount
	DISCOVERY BENEFITS INC	\$ 4,037.40
ACH	PATRICK W HUNTER P/R 1 1/4/19	HR 0075200 248.50
	PATRICK W HUNTER	\$ 248.50
ACH	ELIE, STEVE MlgReim-12/18 Meetings-Elie,S	MLG 12/18 96.03
	ELIE, STEVE	\$ 96.03
ACH	HALL, JASMIN MlgReim-12/18 Meetings-Hall,J MlgReim-12/18 Meetings-Hall,J	MLG 12/18 A 171.40 MLG 12/18 B 73.08
	HALL, JASMIN	\$ 244.48
ACH	PARKER, KATI MlgReim-12/18 Meetings-Parker,K	MLG 12/18 96.19
	PARKER, KATI	\$ 96.19
ACH	AQUA BEN CORPORATION RP1-29,900 Lbs Hydrofloc 750A	38074 41,131.76
	AQUA BEN CORPORATION	\$ 41,131.76
ACH	SANTA ANA WATERSHED November 2018 Service	9420 100,638.02
	SANTA ANA WATERSHED	\$ 100,638.02
ACH	ENVIRONMENTAL RESOURCES ASSOC Semivolatiles,Pesticides	884796 628.56
	ENVIRONMENTAL RESOURCES ASSOC	\$ 628.56
ACH	MCMASTER-CARR SUPPLY CO V-Belt V-Belts	81817998 205.87 81897652 57.77
	MCMASTER-CARR SUPPLY CO	\$ 263.64
ACH	HACH COMPANY RP4Ops-Sample Cells-w/Cap/Portable Turbs	11256286 380.29
	HACH COMPANY	\$ 380.29
ACH	GK & ASSOCIATES 46-2054-11/18 Prof Svcs 46-2054-11/18 Prof Svcs 46-2054-11/18 Prof Svcs 46-2054-11/18 Prof Svcs	18-113 22,400.00 18-114 10,200.00 18-111 29,120.00 18-112 11,628.00
	GK & ASSOCIATES	\$ 73,348.00
ACH	DOWNS ENERGY	

Check	Payee / Description	Amount
	ICMA RETIREMENT TRUST 401	\$ 5,457.44
ACH	AQUA BEN CORPORATION DAFT-4,600 Lbs Hydrofloc 748E 38255	4,361.72
	AQUA BEN CORPORATION	\$ 4,361.72
ACH	NAPA GENUINE PARTS COMPANY 6 Qts Mobil 15W20,6 Qts Mobil 10W20 4584-268582	129.17
	NAPA GENUINE PARTS COMPANY	\$ 129.17
ACH	PACIFIC PARTS & CONTROLS Capacitors I425768	196.11
	PACIFIC PARTS & CONTROLS	\$ 196.11
ACH	CAROLLO ENGINEERS EN24001/EN24002-11/2018 Professional Svc 0173047 1,145,719.03 EN19051-10/2018 Professional Services 0172409 1,745.30	
	CAROLLO ENGINEERS	\$ 1,147,464.33
ACH	MCMASTER-CARR SUPPLY CO 2 Pressure Relief Valves 83170768 248.88 Buna-N Rubber Sheet 83160012 907.50 Yale Door Knob 83134451 95.39 Ratcheting Wrenches 82146541 389.31	
	MCMASTER-CARR SUPPLY CO	\$ 1,641.08
ACH	TOM DODSON & ASSOCIATES EN19017-9/25-9/28 Prof Svcs IE-312 18-1	450.00
	TOM DODSON & ASSOCIATES	\$ 450.00
ACH	PALM AUTO DETAIL INC 11/18 Carwash Svcs f/Agency Fleet Vehicl 181199-4	4,420.00
	PALM AUTO DETAIL INC	\$ 4,420.00
ACH	PARSONS WATER & INFRASTRUCTURE EN19001/EN19006-11/3-12/7 Prof Svcs 1812B549	940,018.21
	PARSONS WATER & INFRASTRUCTURE	\$ 940,018.21
ACH	HACH COMPANY RP4Ops-Tensette Pipets 11256859 459.02 RP4-Rpr/PM & Calibrate Solitax Sensor 11231715 481.61	
	HACH COMPANY	\$ 940.63
ACH	PEST OPTIONS INC JrpBsn 12/17 Clean Out 315094	2,250.00
	PEST OPTIONS INC	\$ 2,250.00
ACH	ADVANCED ENVIRONMENTAL COMPLIA Various Odor Control Study 7522	1,014.55

Check	Payee / Description	Amount
	ADVANCED ENVIRONMENTAL COMPLIA\$	1,014.55
ACH	KAMBRIAN CORPORATION ISS-OLP GOVT UPG WIN,Win Pro Lic KINV2275	2,214.40
	KAMBRIAN CORPORATION \$	2,214.40
ACH	DAVIS BARBER PRODUCTIONS INC EN14019-Grit and Grit Washers Training 00087	2,032.94
	DAVIS BARBER PRODUCTIONS INC \$	2,032.94
ACH	WEST COAST ADVISORS 12/18 Prof Svcs 11273	9,800.00
	WEST COAST ADVISORS \$	9,800.00
ACH	LINKO TECHNOLOGY INC ISS-9/18-8/19 Annl Sftwr Maint & Support 5643	7,330.00
	LINKO TECHNOLOGY INC \$	7,330.00
ACH	CHEMTRADE CHEMICALS US LLC RP1-11.041 Tons Aluminim Sulfate 92536813	3,588.33
	CHEMTRADE CHEMICALS US LLC \$	3,588.33
ACH	AMAZON BUSINESS Screwdrivers 1KNT-9XT7-LF4 65.86 Emergency Planning for Water Utilities 1HKP-YRC7-GLP 161.63 Pretzel Rods,LED Candlesticks,Wizard Gla 1M49-61YH-73H 626.33 Harry Potter Lanyards 191X-YYGC-VR3 158.75 Limit Switch 1CKT-HVV4-4QG 226.68	
	AMAZON BUSINESS \$	1,239.25
ACH	AMERICAN OFFICE PROFESSIONALS Service Call HP CP5225 1911 89.95 Waste Unit,Labor 1928 180.69 4 Toner Cartridges 1952 563.31	
	AMERICAN OFFICE PROFESSIONALS \$	833.95
ACH	VARIDESK LLC Dual Monitor Arms IVC-2-960824	378.21
	VARIDESK LLC \$	378.21
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 2 1/18 Employee Ded HR 0076200	225.00
	IEUA EMPLOYEES' ASSOCIATION \$	225.00
ACH	IEUA SUPERVISORS UNION ASSOCIA P/R 2 1/18 Employee Ded HR 0076200	330.00
	IEUA SUPERVISORS UNION ASSOCIA\$	330.00

Check	Payee / Description		Amount
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 2 1/18 Employee Ded	HR 0076200	1,081.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$		1,081.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 2 1/18 Employee Ded	HR 0076200	480.00
	IEUA PROFESSIONAL EMPLOYEES AS\$		480.00
ACH	DISCOVERY BENEFITS INC P/R 2 1/18 Cafeteria Plan	HR 0076200	4,037.40
	DISCOVERY BENEFITS INC \$		4,037.40
ACH	PATRICK W HUNTER P/R 2 1/18	HR 0076200	248.50
	PATRICK W HUNTER \$		248.50
ACH	AQUA BEN CORPORATION RP2-23,000 Lbs Hydrofloc 748E RP1-27,600 Lbs Hydrofloc 750E RP1-13,800 Lbs Hydrofloc 750E DAFT-11,500 Lbs Hydrofloc 748E	38289 38256 38293 38292	21,808.60 34,199.85 17,099.93 10,904.30
	AQUA BEN CORPORATION \$		84,012.68
ACH	UNIVAR USA INC TP1-13,036 Lbs Sodium Bisulfite TP1-11,059 Lbs Sodium Bisulfite TP1-13,046 Lbs Sodium Bisulfite TP1-13,025 Lbs Sodium Bisulfite TP1-12,735 Lbs Sodium Bisulfite	LA691515 LA690538 LA692352 LA692030 LA692291	3,039.51 2,578.65 3,041.89 3,037.14 2,969.43
	UNIVAR USA INC \$		14,666.62
ACH	WAXIE SANITARY SUPPLY Cups Automated Towel Dispensers	77888194 77919928	709.00 155.91
	WAXIE SANITARY SUPPLY \$		864.91
ACH	CAROLLO ENGINEERS EN17049-10/2018 Professional Services EN16060-2/2018 Professional Services	0172010 0171472	9,694.31 8,797.18
	CAROLLO ENGINEERS \$		18,491.49
ACH	MCMaster-CARR SUPPLY CO SS U-Bolts, Strut Connector Wrenches, Grease Gun, Ladder, Clamp U-Bolt, F Strut Channel, Concrete Anchors, Nuts w/Sp	82458931 82489407 83865590	227.63 1,879.01 4,131.76
	MCMaster-CARR SUPPLY CO \$		6,238.40
ACH	AGRICULTURAL RESOURCES 2/19 Wtr Quality Consult	2/19 WTR QLTY	3,500.00

Check	Payee / Description	Amount
	AGRICULTURAL RESOURCES	\$ 3,500.00
ACH	PALM AUTO DETAIL INC 12/18 Carwash Svcs f/Agency Fleet Vehicl 181299-4	6,045.00
	PALM AUTO DETAIL INC	\$ 6,045.00
ACH	SCHNEIDER ELECTRIC SYSTEMS INC 8/18-8/19 Foxboro System Auditor 93889686	6,020.28
	SCHNEIDER ELECTRIC SYSTEMS INC\$	6,020.28
ACH	LA OPINION PI-Water Conservation Ads-12/6/18 107291218	1,100.00
	LA OPINION	\$ 1,100.00
ACH	SHI INTERNATIONAL CORP 12/18-12/19 SecurityCenter Software Main B09240775	29,532.16
	SHI INTERNATIONAL CORP	\$ 29,532.16
ACH	NATIONAL CONSTRUCTION RENTALS 12/28-1/24/19 Potty/Handicap Potty/Sink 5245761	994.80
	NATIONAL CONSTRUCTION RENTALS \$	994.80
ACH	SAP PUBLIC SERVICES INC 1/19-12/19 SAP Business Suite Ltd Pro Su 6065038418 10/19-12/19 mySAP Business Suite Enterpr 6065038420 1/19-12/19 mySAP Business Suite Enterpri 6065038419 1/19-12/19 BSI US Payroll Tax Maint Supp 6065038414 1/19-12/19 SAP BusObj Enterprise Support 6065038415 1/19-12/19 SAP BusObj Enterprise Support 6065038416 1/19-12/19 SSO License Maint Enterprise 6065038417	6,523.00 961.55 134,020.15 5,443.20 20,838.61 16,839.90 4,365.90
	SAP PUBLIC SERVICES INC	\$ 188,992.31
ACH	OLIN CORP TP1-4,912 Gals Sodium Hypochlorite 2616229 RP5-4,964 Gals Sodium Hypochlorite 2608198 TP1-4,952 Gals Sodium Hypochlorite 2611369 CCWRP-2,970 Gals Sodium Hypochlorite 2611915 RP4-4,560 Gals Sodium Hypochlorite 2611916 TP1-4,806 Gals Sodium Hypochlorite 2611917 TP1-4,982 Gals Sodium Hypochlorite 2612263 TP1-4,904 Gals Sodium Hypochlorite 2612744 CCWRP-4,912 Gals Sodium Hypochlorite 2613386 TP1-4,978 Gals Sodium Hypochlorite 2613387 RP5-4,938 Gals Sodium Hypochlorite 2613997 RP4-4,872 Gals Sodium Hypochlorite 2613998 TP1-4,920 Gals Sodium Hypochlorite 2614583 RP5-4,946 Gals Sodium Hypochlorite 2615210 CCWRP-3,002 Gals Sodium Hypochlorite 2615211 TP1-4,936 Gals Sodium Hypochlorite 2615212	3,801.89 3,842.14 3,832.85 2,488.86 3,821.28 3,719.84 3,856.07 3,795.70 3,801.89 3,852.97 3,822.01 3,770.93 3,808.08 3,828.20 2,515.68 3,820.46
	OLIN CORP	\$ 58,378.85
ACH	DANRAE INC	

Check	Payee / Description	Amount
	EN14042-12/2018 Professional Services 151024	3,736.25
	EN15012-11/2018 Professional Services 151016	1,758.75
	EN14019-12/2018 Professional Services 151022	10,970.75
	DANRAE INC \$	16,465.75
ACH	HUMPHREY CONSTRUCTORS CCWRP-Rplc Wstng Actvtd Sldg Pmpng Systm 1225	84,400.00
	HUMPHREY CONSTRUCTORS \$	84,400.00
ACH	DAVIS BARBER PRODUCTIONS INC EN17110-12/2018 Professional Services 00093	2,390.81
	DAVIS BARBER PRODUCTIONS INC \$	2,390.81
ACH	AMAZON BUSINESS Kubota Tune Up Filter Kit 1YCX-MHQN-HG9 94.21 2 Pack Water Resistant Aprons 19VH-KNRX-Q3Y 16.75	110.96
	AMAZON BUSINESS \$	110.96
ACH	AMERICAN OFFICE PROFESSIONALS 4 Toner Cartridges 1955	421.23
	AMERICAN OFFICE PROFESSIONALS \$	421.23
ACH	SUEZ WTS ANALYTICAL INSTRUMENT TOC Analyzer Maintenance Agreement 99590316	5,465.00
	SUEZ WTS ANALYTICAL INSTRUMENTS \$	5,465.00
ACH	CDM CONSTRUCTORS INC EN13016.04-12/18 Pay Est 15 PE 15-EN13016 172,422.76 EN13016.03-12/18 Pay Est 11 PE 11-EN13016 141,579.73	314,002.49
	CDM CONSTRUCTORS INC \$	314,002.49
ACH	SCHULER CONSTRUCTORS INC EN17039-Ret Rls 1-Final EN17039-RET R	11,835.94
	SCHULER CONSTRUCTORS INC \$	11,835.94
ACH	PREFERRED BENEFIT INSURANCE 1/19 Agency Dental Plan EIA26824	17,351.50
	PREFERRED BENEFIT INSURANCE \$	17,351.50
ACH	DISCOVERY BENEFITS INC December 2018 Admin Fees 0000960442-IN	190.00
	DISCOVERY BENEFITS INC \$	190.00
ACH	ESTRADA, JIMMIE J Reim Monthly Health Prem HEALTH PREM	511.48
	ESTRADA, JIMMIE J \$	511.48
ACH	LICHTI, ALICE	

Check	Payee / Description	Amount
	Reim Monthly Health Prem	HEALTH PREM 187.74
	LICHTI, ALICE	\$ 187.74
ACH	MORASSE, EDNA Reim Monthly Health Prem	HEALTH PREM 187.74
	MORASSE, EDNA	\$ 187.74
ACH	NOWAK, THEO T Reim Monthly Health Prem	HEALTH PREM 511.48
	NOWAK, THEO T	\$ 511.48
ACH	SONNENBURG, ILSE Reim Monthly Health Prem	HEALTH PREM 187.74
	SONNENBURG, ILSE	\$ 187.74
ACH	DYKSTRA, BETTY Reim Monthly Health Prem	HEALTH PREM 187.74
	DYKSTRA, BETTY	\$ 187.74
ACH	TORRES, ROBERT G Reim Monthly Health Prem	HEALTH PREM 187.74
	TORRES, ROBERT G	\$ 187.74
ACH	MUELLER, CAROLYN Reim Monthly Health Prem	HEALTH PREM 187.74
	MUELLER, CAROLYN	\$ 187.74
ACH	GRIFFIN, GEORGE Reim Monthly Health Prem	HEALTH PREM 187.74
	GRIFFIN, GEORGE	\$ 187.74
ACH	CANADA, ANGELA Reim Monthly Health Prem	HEALTH PREM 187.74
	CANADA, ANGELA	\$ 187.74
ACH	CUPERSMITH, LEIZAR Reim Monthly Health Prem	HEALTH PREM 187.74
	CUPERSMITH, LEIZAR	\$ 187.74
ACH	DELGADO-ORAMAS JR, JOSE Reim Monthly Health Prem	HEALTH PREM 323.74
	DELGADO-ORAMAS JR, JOSE	\$ 323.74
ACH	GRANGER, BRANDON Reim Monthly Health Prem	HEALTH PREM 161.87
	GRANGER, BRANDON	\$ 161.87

Check	Payee / Description	Amount
ACH	GADDY, CHARLES L Reim Monthly Health Prem	HEALTH PREM 161.87
	GADDY, CHARLES L	\$ 161.87
ACH	BAKER, CHRIS Reim Monthly Health Prem	HEALTH PREM 25.87
	BAKER, CHRIS	\$ 25.87
ACH	WEBB, DANNY C Reim Monthly Health Prem	HEALTH PREM 136.00
	WEBB, DANNY C	\$ 136.00
ACH	HUMPHREYS, DEBORAH E Reim Monthly Health Prem	HEALTH PREM 161.87
	HUMPHREYS, DEBORAH E	\$ 161.87
ACH	MOUAT, FREDERICK W Reim Monthly Health Prem	HEALTH PREM 161.87
	MOUAT, FREDERICK W	\$ 161.87
ACH	MORGAN, GARTH W Reim Monthly Health Prem	HEALTH PREM 136.00
	MORGAN, GARTH W	\$ 136.00
ACH	ALLINGHAM, JACK Reim Monthly Health Prem	HEALTH PREM 25.87
	ALLINGHAM, JACK	\$ 25.87
ACH	MAZUR, JOHN Reim Monthly Health Prem	HEALTH PREM 476.19
	MAZUR, JOHN	\$ 476.19
ACH	RUDDER, LARRY Reim Monthly Health Prem	HEALTH PREM 25.87
	RUDDER, LARRY	\$ 25.87
ACH	HAMILTON, MARIA Reim Monthly Health Prem	HEALTH PREM 136.00
	HAMILTON, MARIA	\$ 136.00
ACH	PICENO, TONY Reim Monthly Health Prem	HEALTH PREM 187.74
	PICENO, TONY	\$ 187.74
ACH	RAMOS, CAROL Reim Monthly Health Prem	HEALTH PREM 25.87
	RAMOS, CAROL	\$ 25.87

Check	Payee / Description	Amount
ACH	FISHER, JAY Reim Monthly Health Prem	HEALTH PREM 136.00
	FISHER, JAY	\$ 136.00
ACH	KING, PATRICK Reim Monthly Health Prem	HEALTH PREM 25.87
	KING, PATRICK	\$ 25.87
ACH	HOWARD, ROBERT JAMES Reim Monthly Health Prem	HEALTH PREM 25.87
	HOWARD, ROBERT JAMES	\$ 25.87
ACH	DIETZ, JUDY Reim Monthly Health Prem	HEALTH PREM 136.00
	DIETZ, JUDY	\$ 136.00
ACH	DAVIS, GEORGE Reim Monthly Health Prem	HEALTH PREM 25.87
	DAVIS, GEORGE	\$ 25.87
ACH	MONZAVI, TAGHI Reim Monthly Health Prem	HEALTH PREM 25.87
	MONZAVI, TAGHI	\$ 25.87
ACH	PETERSEN, KENNETH Reim Monthly Health Prem	HEALTH PREM 187.74
	PETERSEN, KENNETH	\$ 187.74
ACH	TRAUTERMAN, HELEN Reim Monthly Health Prem	HEALTH PREM 187.74
	TRAUTERMAN, HELEN	\$ 187.74
ACH	TIEGS, KATHLEEN Reim Monthly Health Prem	HEALTH PREM 942.38
	TIEGS, KATHLEEN	\$ 942.38
ACH	DIGGS, GEORGE Reim Monthly Health Prem	HEALTH PREM 511.48
	DIGGS, GEORGE	\$ 511.48
ACH	HAYES, KENNETH Reim Monthly Health Prem	HEALTH PREM 511.48
	HAYES, KENNETH	\$ 511.48
ACH	HUNTON, STEVE Reim Monthly Health Prem	HEALTH PREM 161.87

Check	Payee / Description	Amount
	HUNTON, STEVE	\$ 161.87
ACH	RODRIGUEZ, LOUIS Reim Monthly Health Prem	HEALTH PREM 161.87
	RODRIGUEZ, LOUIS	\$ 161.87
ACH	VARBEL, VAN Reim Monthly Health Prem	HEALTH PREM 476.19
	VARBEL, VAN	\$ 476.19
ACH	CLIFTON, NEIL Reim Monthly Health Prem	HEALTH PREM 335.19
	CLIFTON, NEIL	\$ 335.19
ACH	DELGADO, FRANCOIS Reim Monthly Health Prem	HEALTH PREM 136.00
	DELGADO, FRANCOIS	\$ 136.00
ACH	WELLMAN, JOHN THOMAS Reim Monthly Health Prem	HEALTH PREM 618.64
	WELLMAN, JOHN THOMAS	\$ 618.64
ACH	SPEARS, SUSAN Reim Monthly Health Prem	HEALTH PREM 25.87
	SPEARS, SUSAN	\$ 25.87
ACH	TROXEL, WYATT Reim Monthly Health Prem	HEALTH PREM 187.74
	TROXEL, WYATT	\$ 187.74
ACH	CORLEY, WILLIAM Reim Monthly Health Prem	HEALTH PREM 476.19
	CORLEY, WILLIAM	\$ 476.19
ACH	CALLAHAN, CHARLES Reim Monthly Health Prem	HEALTH PREM 346.34
	CALLAHAN, CHARLES	\$ 346.34
ACH	LESNIAKOWSKI, NORBERT Reim Monthly Health Prem	HEALTH PREM 187.74
	LESNIAKOWSKI, NORBERT	\$ 187.74
ACH	VER STEEG, ALLEN J Reim Monthly Health Prem	HEALTH PREM 482.34
	VER STEEG, ALLEN J	\$ 482.34
ACH	HACKNEY, GARY Reim Monthly Health Prem	HEALTH PREM 476.19

Check	Payee / Description	Amount
	HACKNEY, GARY	\$ 476.19
ACH	CAREL, LARRY Reim Monthly Health Prem	HEALTH PREM 25.87
	CAREL, LARRY	\$ 25.87
ACH	TOL, HAROLD Reim Monthly Health Prem	HEALTH PREM 187.74
	TOL, HAROLD	\$ 187.74
ACH	BANKSTON, GARY Reim Monthly Health Prem	HEALTH PREM 492.63
	BANKSTON, GARY	\$ 492.63
ACH	ATWATER, RICHARD Reim Monthly Health Prem	HEALTH PREM 136.00
	ATWATER, RICHARD	\$ 136.00
ACH	FIESTA, PATRICIA Reim Monthly Health Prem	HEALTH PREM 476.19
	FIESTA, PATRICIA	\$ 476.19
ACH	DIGGS, JANET Reim Monthly Health Prem	HEALTH PREM 647.48
	DIGGS, JANET	\$ 647.48
ACH	CARAZA, TERESA Reim Monthly Health Prem	HEALTH PREM 173.32
	CARAZA, TERESA	\$ 173.32
ACH	ANDERSON, JOHN Reim Monthly Health Prem	HEALTH PREM 511.48
	ANDERSON, JOHN	\$ 511.48
ACH	SANTA CRUZ, JACQUELYN Reim Monthly Health Prem	HEALTH PREM 804.23
	SANTA CRUZ, JACQUELYN	\$ 804.23
ACH	HECK, ROSELYN Reim Monthly Health Prem	HEALTH PREM 25.87
	HECK, ROSELYN	\$ 25.87
ACH	SOPICKI, LEO Reim Monthly Health Prem	HEALTH PREM 323.74
	SOPICKI, LEO	\$ 323.74
ACH	GOSE, ROSEMARY	

Check	Payee / Description		Amount
	Reim Monthly Health Prem	HEALTH PREM	136.00
	GOSE, ROSEMARY	\$	136.00
ACH	KEHL, BARRETT Reim Monthly Health Prem	HEALTH PREM	136.00
	KEHL, BARRETT	\$	136.00
ACH	RITCHIE, JANN Reim Monthly Health Prem	HEALTH PREM	136.00
	RITCHIE, JANN	\$	136.00
ACH	LONG, ROCKWELL DEE Reim Monthly Health Prem	HEALTH PREM	482.64
	LONG, ROCKWELL DEE	\$	482.64
ACH	FATTAHI, MIR Reim Monthly Health Prem	HEALTH PREM	136.00
	FATTAHI, MIR	\$	136.00
ACH	VERGARA, FLORENTINO Reim Monthly Health Prem	HEALTH PREM	323.74
	VERGARA, FLORENTINO	\$	323.74
ACH	ROGERS, SHIRLEY Reim Monthly Health Prem	HEALTH PREM	187.74
	ROGERS, SHIRLEY	\$	187.74
ACH	WALL, DAVID Reim Monthly Health Prem	HEALTH PREM	309.32
	WALL, DAVID	\$	309.32
ACH	CHUNG, MICHAEL Reim Monthly Health Prem	HEALTH PREM	161.87
	CHUNG, MICHAEL	\$	161.87
ACH	ADAMS, PAMELA Reim Monthly Health Prem	HEALTH PREM	25.87
	ADAMS, PAMELA	\$	25.87
ACH	BLASINGAME, MARY Reim Monthly Health Prem	HEALTH PREM	482.64
	BLASINGAME, MARY	\$	482.64
ACH	ANDERSON, KENNETH Reim Monthly Health Prem	HEALTH PREM	161.87
	ANDERSON, KENNETH	\$	161.87

Check	Payee / Description	Amount
ACH	MOE, JAMES Reim Monthly Health Prem	HEALTH PREM 25.87
	MOE, JAMES	\$ 25.87
ACH	POLACEK, KEVIN Reim Monthly Health Prem	HEALTH PREM 804.23
	POLACEK, KEVIN	\$ 804.23
ACH	ELROD, SONDR Reim Monthly Health Prem	HEALTH PREM 173.32
	ELROD, SONDR	\$ 173.32
ACH	FRAZIER, JACK Reim Monthly Health Prem	HEALTH PREM 178.32
	FRAZIER, JACK	\$ 178.32
ACH	HOAK, JAMES Reim Monthly Health Prem	HEALTH PREM 136.00
	HOAK, JAMES	\$ 136.00
ACH	DEZHAM, PARIVASH Reim Monthly Health Prem	HEALTH PREM 178.32
	DEZHAM, PARIVASH	\$ 178.32
ACH	FOLEY III, DANIEL J. Reim Monthly Health Prem	HEALTH PREM 173.32
	FOLEY III, DANIEL J.	\$ 173.32
ACH	CLEVELAND, JAMES Reim Monthly Health Prem	HEALTH PREM 136.00
	CLEVELAND, JAMES	\$ 136.00
ACH	LANGNER, CAMERON Reim Monthly Health Prem	HEALTH PREM 632.25
	LANGNER, CAMERON	\$ 632.25
ACH	HAMILTON, LEANNE Reim Monthly Health Prem	HEALTH PREM 25.87
	HAMILTON, LEANNE	\$ 25.87
ACH	HOOSHMAND, RAY Reim Monthly Health Prem	HEALTH PREM 136.00
	HOOSHMAND, RAY	\$ 136.00
ACH	SCHLAPKOHL, JACK Reim Monthly Health Prem	HEALTH PREM 136.00
	SCHLAPKOHL, JACK	\$ 136.00

Check	Payee / Description	Amount
ACH	POOLE, PHILLIP Reim Monthly Health Prem	HEALTH PREM 173.32
	POOLE, PHILLIP	\$ 173.32
ACH	ADAMS, BARBARA Reim Monthly Health Prem	HEALTH PREM 161.87
	ADAMS, BARBARA	\$ 161.87
ACH	RUESCH, GENECE Reim Monthly Health Prem	HEALTH PREM 187.74
	RUESCH, GENECE	\$ 187.74
ACH	VANDERPOOL, LARRY Reim Monthly Health Prem	HEALTH PREM 492.63
	VANDERPOOL, LARRY	\$ 492.63
ACH	AMBROSE, JEFFREY Reim Monthly Health Prem	HEALTH PREM 471.19
	AMBROSE, JEFFREY	\$ 471.19
ACH	MERRILL, DIANE Reim Monthly Health Prem	HEALTH PREM 482.34
	MERRILL, DIANE	\$ 482.34
ACH	HOUSER, ROD Reim Monthly Health Prem	HEALTH PREM 644.21
	HOUSER, ROD	\$ 644.21
ACH	RUSSO, VICKI Reim Monthly Health Prem	HEALTH PREM 173.32
	RUSSO, VICKI	\$ 173.32
ACH	HUSS, KERRY Reim Monthly Health Prem	HEALTH PREM 828.68
	HUSS, KERRY	\$ 828.68
ACH	BINGHAM, GREGG Reim Monthly Health Prem	HEALTH PREM 668.23
	BINGHAM, GREGG	\$ 668.23
ACH	CHARLES, DAVID Reim Monthly Health Prem	HEALTH PREM 136.00
	CHARLES, DAVID	\$ 136.00
ACH	YEBOAH, ERNEST Reim Monthly Health Prem	HEALTH PREM 136.00

Check	Payee / Description		Amount
	YEBOAH, ERNEST	\$	136.00
ACH	ALVARADO, ROSEMARY Reim Monthly Health Prem	HEALTH PREM	335.19
	ALVARADO, ROSEMARY	\$	335.19
ACH	BARELA, GEORGE Reim Monthly Health Prem	HEALTH PREM	136.00
	BARELA, GEORGE	\$	136.00
ACH	FETZER, ROBERT Reim Monthly Health Prem	HEALTH PREM	804.23
	FETZER, ROBERT	\$	804.23
ACH	SPAETH, ERIC Reim Monthly Health Prem	HEALTH PREM	173.32
	SPAETH, ERIC	\$	173.32
ACH	DAVIS, MARTHA Reim Monthly Health Prem	HEALTH PREM	173.32
	DAVIS, MARTHA	\$	173.32
ACH	BRULE, CHRISTOPHER Reim Monthly Health Prem	HEALTH PREM	173.32
	BRULE, CHRISTOPHER	\$	173.32
ACH	ROOS, JAMES Reim Monthly Health Prem	HEALTH PREM	482.64
	ROOS, JAMES	\$	482.64
ACH	MULLANEY, JOHN Reim Monthly Health Prem	HEALTH PREM	309.32
	MULLANEY, JOHN	\$	309.32
ACH	VALENZUELA, DANIEL Reim Monthly Health Prem	HEALTH PREM	482.64
	VALENZUELA, DANIEL	\$	482.64
ACH	PACE, BRIAN Reim Monthly Health Prem	HEALTH PREM	482.64
	PACE, BRIAN	\$	482.64
ACH	KING, JOSEPH Reim Monthly Health Prem	HEALTH PREM	136.00
	KING, JOSEPH	\$	136.00
ACH	VILLALOBOS, HECTOR Reim Monthly Health Prem	HEALTH PREM	173.32

Check	Payee / Description	Amount
	VILLALOBOS, HECTOR	\$ 173.32
ACH	BAXTER, KATHLEEN Reim Monthly Health Prem	HEALTH PREM 309.32
	BAXTER, KATHLEEN	\$ 309.32
ACH	PENMAN, DAVID Reim Monthly Health Prem	HEALTH PREM 482.64
	PENMAN, DAVID	\$ 482.64
ACH	ANGIER, RICHARD Reim Monthly Health Prem	HEALTH PREM 482.64
	ANGIER, RICHARD	\$ 482.64
ACH	MERRILL, DEBORAH Reim Monthly Health Prem	HEALTH PREM 340.19
	MERRILL, DEBORAH	\$ 340.19
ACH	O'DEA, KRISTINE Reim Monthly Health Prem	HEALTH PREM 161.87
	O'DEA, KRISTINE	\$ 161.87
ACH	OAKDEN, LISA Reim Monthly Health Prem	HEALTH PREM 817.22
	OAKDEN, LISA	\$ 817.22
ACH	LAUGHLIN, JOHN Reim Monthly Health Prem	HEALTH PREM 136.00
	LAUGHLIN, JOHN	\$ 136.00
ACH	HUGHBANKS, ROGER Reim Monthly Health Prem	HEALTH PREM 173.32
	HUGHBANKS, ROGER	\$ 173.32
ACH	SPENDLOVE, DANNY Reim Monthly Health Prem	HEALTH PREM 161.87
	SPENDLOVE, DANNY	\$ 161.87
ACH	HOULIHAN, JESSE Reim Monthly Health Prem	HEALTH PREM 173.32
	HOULIHAN, JESSE	\$ 173.32
ACH	WARMAN, EVELYN Reim Monthly Health Prem	HEALTH PREM 25.87
	WARMAN, EVELYN	\$ 25.87
ACH	HERNANDEZ, DELIA	

Check	Payee / Description	Amount
	Reim Monthly Health Prem	HEALTH PREM 173.32
	HERNANDEZ, DELIA	\$ 173.32
ACH	AVILA, ARTHUR L Reim Monthly Health Prem	HEALTH PREM 173.32
	AVILA, ARTHUR L	\$ 173.32
ACH	GUARDIANO, GARY Reim Monthly Health Prem	HEALTH PREM 161.87
	GUARDIANO, GARY	\$ 161.87
ACH	POMERLEAU, THOMAS Reim Monthly Health Prem	HEALTH PREM 183.32
	POMERLEAU, THOMAS	\$ 183.32
ACH	BARRER, SATURNINO Reim Monthly Health Prem	HEALTH PREM 309.32
	BARRER, SATURNINO	\$ 309.32
ACH	LACEY, STEVEN Reim Monthly Health Prem	HEALTH PREM 668.23
	LACEY, STEVEN	\$ 668.23
ACH	MILLS, JOHN Reim Monthly Health Prem	HEALTH PREM 173.32
	MILLS, JOHN	\$ 173.32
ACH	REED, RANDALL Reim Monthly Health Prem	HEALTH PREM 618.64
	REED, RANDALL	\$ 618.64
ACH	RAMIREZ, REBECCA Reim Monthly Health Prem	HEALTH PREM 618.64
	RAMIREZ, REBECCA	\$ 618.64
ACH	RAZAK, HALLA Reim Monthly Health Prem	HEALTH PREM 272.00
	RAZAK, HALLA	\$ 272.00
ACH	OSBORN, CINDY L Reim Monthly Health Prem	HEALTH PREM 1,261.34
	OSBORN, CINDY L	\$ 1,261.34
ACH	ICMA RETIREMENT TRUST 457 P/R 3 2/1/19 Deferred Comp Ded	HR 0076600 20,239.77
	ICMA RETIREMENT TRUST 457	\$ 20,239.77

Check	Payee / Description	Amount
ACH	LINCOLN NATIONAL LIFE INS CO P/R 3 2/1/19 Deferred Comp Ded	HR 0076600 21,352.66
	LINCOLN NATIONAL LIFE INS CO \$	21,352.66
ACH	ICMA RETIREMENT TRUST 401 P/R 3 2/1/19 Exec Deferred Comp	HR 0076600 5,557.44
	ICMA RETIREMENT TRUST 401 \$	5,557.44
ACH	AQUA BEN CORPORATION RP1-29,900 Lbs Hydrofloc 750E DAFT-4,600 Lbs Hydrofloc 748E	38315 37,049.84 38327 4,361.72
	AQUA BEN CORPORATION \$	41,411.56
ACH	NAPA GENUINE PARTS COMPANY Purple Power, Brake Fluid	3973-953831 84.50
	NAPA GENUINE PARTS COMPANY \$	84.50
ACH	SANTA ANA WATERSHED December 2018 Truck Discharge	9430 4,066.09
	SANTA ANA WATERSHED \$	4,066.09
ACH	UNIVAR USA INC RP5-11,681 Lbs Sodium Bisulfite RP5-12,450 Lbs Sodium Bisulfite TP1-12,959 Lbs Sodium Bisulfite CCWRP-12,944 Lbs Sodium Bisulfite PradoLS-12,781 Lbs Sodium Bisulfite RP5-12,588 Lbs Sodium Bisulfite	LA690309 2,723.56 LA692629 2,902.91 LA692630 3,021.70 LA693202 3,018.13 LA693583 2,980.13 LA694557 2,935.27
	UNIVAR USA INC \$	17,581.70
ACH	CAROLLO ENGINEERS EN17043/EN17110-11/2018-Professional Srv 0173042	136,185.24
	CAROLLO ENGINEERS \$	136,185.24
ACH	MCMASTER-CARR SUPPLY CO 7 V-Belts, Roller Chain Breaker Phillips Screws 2 V-Belts Phillips Round Head Screws 10 Weather Resistant Padlocks V-Belt Clear PVC Tubing	84609016 386.64 84725888 22.63 82791259 36.11 82791258 20.87 84304207 174.31 84346792 18.97 84304206 154.63
	MCMASTER-CARR SUPPLY CO \$	814.16
ACH	NATIONAL CONSTRUCTION RENTALS RP1-1/3/19-1/30/19 Toilet, Handwash	5251524 211.55
	NATIONAL CONSTRUCTION RENTALS \$	211.55
ACH	PEST OPTIONS INC November 2018 GWR Weed Abatement Service 313669	6,275.91

Check	Payee / Description		Amount
	December 2018 Weed Abatement Services	315341	3,960.00
	December 2018 GWR Weed Abatement Service	315422	6,275.91
	PEST OPTIONS INC	\$	16,511.82
ACH	OLIN CORP		
	TP1-4,910 Gals Sodium Hypochlorite	2592817	3,800.34
	RP5-4,962 Gals Sodium Hypochlorite	2622603	3,840.59
	TP1-4,872 Gals Sodium Hypochlorite	2622602	3,770.93
	RP4-4,688 Gals Sodium Hypochlorite	2622601	3,928.54
	CCWRP-3,016 Gals Sodium Hypochlorite	2622600	2,527.41
	TP1-4,990 Gals Sodium Hypochlorite	2622047	3,862.26
	TP1-4,946 Gals Sodium Hypochlorite	2621645	3,828.20
	TP1-4,812 Gals Sodium Hypochlorite	2621189	3,724.49
	CCWRP-3,024 Gals Sodium Hypochlorite	2621187	2,534.11
	TP1-4,924 Gals Sodium Hypochlorite	2620567	3,811.18
	RP5-4,952 Gals Sodium Hypochlorite	2619994	3,832.85
	TP1-4,978 Gals Sodium Hypochlorite	2619724	3,852.97
	CCWRP-3,024 Gals Sodium Hypochlorite	2619723	2,534.11
	TP1-4,806 Gals Sodium Hypochlorite	2619519	3,719.84
	TP1-4,908 Gals Sodium Hypochlorite	2618751	3,798.79
	CCWRP-3,024 Gals Sodium Hypochlorite	2618750	2,534.11
	TP1-4,882 Gals Sodium Hypochlorite	2618169	3,778.67
	RP5-4,828 Gals Sodium Hypochlorite	2617527	3,736.87
	RP4-4,920 Gals Sodium Hypochlorite	2617526	3,808.08
	CCWRP-3,020 Gals Sodium Hypochlorite	2616908	2,530.76
	TP1-4,914 Gals Sodium Hypochlorite	2616907	3,803.44
	TP1-4,890 Gals Sodium Hypochlorite	2596753	3,784.86
	TP1-4,952 Gals Sodium Hypochlorite	2594843	3,832.85
	OLIN CORP	\$	81,176.25
ACH	DAVE'S PLUMBING		
	2 Water Softener Removal 12/2018	5207	500.00
	2 Water Softener Removal 1/2019	5212	490.00
	DAVE'S PLUMBING	\$	990.00
ACH	EVOQUA WATER TECHNOLOGIES LLC		
	1/1/19-3/31/19 DI Tank Rental	903836641	111.55
	EVOQUA WATER TECHNOLOGIES LLC	\$	111.55
ACH	FERREIRA COASTAL CONSTRUCTION		
	EN19019-12/2018 Professional Services	5216-003.2	12,038.00
	FERREIRA COASTAL CONSTRUCTION	\$	12,038.00
ACH	DAVIS BARBER PRODUCTIONS INC		
	EN15012-Construction Aerial Video	00092	513.77
	DAVIS BARBER PRODUCTIONS INC	\$	513.77
ACH	U S BANK - PAYMENT PLUS		
	101945 FLORENCE FILTER CORP	2200096259	2,349.67
	100150 HARRINGTON INDUSTRIAL PLASTICS LL	2200096454	138.50
	107889 ALS ENVIRONMENTAL	2200096394	3,825.00
	100951 POLYDYNE INC	2200096354	4,871.25
	100319 MISSION REPROGRAPHICS	2200096348	553.48

Check	Payee / Description	Amount
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200096344	911.73
	101706 CALOLYMPIC SAFETY 2200095144	5,095.70
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200096126	4,376.13
	100319 MISSION REPROGRAPHICS 2200096127	203.76
	101123 ALL AMERICAN CRANE MAINTENANCE 2200096128	1,134.20
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200096235	1,244.22
	101706 CALOLYMPIC SAFETY 2200095942	2,707.29
	105213 BAVCO 2200095944	78.80
	100150 HARRINGTON INDUSTRIAL PLASTICS LL 2200095940	7,233.14
	U S BANK - PAYMENT PLUS \$	34,722.87
ACH	CALIFORNIA HEALTH & SAFETY INC Air Respirator 19-001CALB	2,082.55
	CALIFORNIA HEALTH & SAFETY INC\$	2,082.55
ACH	SHELL ENERGY NORTH AMERICA LP RP2/RP5-10/1-10/31 16400 El Prado Rd 9/1 2044 12/18	9,555.12
	SHELL ENERGY NORTH AMERICA LP \$	9,555.12
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 3 2/1/19 Employee Ded HR 0076600	222.00
	IEUA EMPLOYEES' ASSOCIATION \$	222.00
ACH	IEUA SUPERVISORS UNION ASSOCIA P/R 3 2/1/19 Employee Ded HR 0076600	330.00
	IEUA SUPERVISORS UNION ASSOCIA\$	330.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA P/R 3 2/1/19 Employee Ded HR 0076600	1,081.60
	IEUA GENERAL EMPLOYEES ASSOCIA\$	1,081.60
ACH	IEUA PROFESSIONAL EMPLOYEES AS P/R 3 2/1/19 Employee Ded HR 0076600	500.00
	IEUA PROFESSIONAL EMPLOYEES AS\$	500.00
ACH	DISCOVERY BENEFITS INC P/R 3 2/1/19 Cafeteria Plan HR 0076600	4,037.40
	DISCOVERY BENEFITS INC \$	4,037.40
ACH	PATRICK W HUNTER P/R 3 2/1/19 Employee Ded HR 0076600	248.50
	PATRICK W HUNTER \$	248.50
ACH	ELIE, STEVE Elie,S-ExpRpt-1/17-1/19/19 WaterNow Cmmt 1/17/19 WATER	515.66
	ELIE, STEVE \$	515.66

Report: ZFIR TREASURER Inland Empire Utilities Agency
For 01/01/2019 ~ 01/31/2019 Treasurer Report

Page 24
Date 02/25/2019

Check Payee / Description

Amount

Grand Total Payment Amount: \$ 4,377,255.19

Attachment 2D

Vendor Wires
(excludes Payroll)

Check	Payee / Description	Amount
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 1 1/4/19 Taxes HR 0075200 72,896.21 P/R 1 1/4/19 Taxes HR 0075200 14,937.21 EMPLOYMENT DEVELOPMENT DEPARTM\$ 87,833.42	
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 1 1/4/19 Deferred Comp Ded HR 0075200 37,294.31 PUBLIC EMPLOYEE'S RETIREMENT S\$ 37,294.31	
Wire	INTERNAL REVENUE SERVICE P/R 1 1/4/19 Taxes HR 0075200 401,743.90 INTERNAL REVENUE SERVICE \$ 401,743.90	
Wire	STATE DISBURSEMENT UNIT P/R 1 1/4/19 HR 0075200 2,184.90 P/R 1 1/4/19 HR 0075200 198.00 STATE DISBURSEMENT UNIT \$ 2,382.90	
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 1 1/04/19 PERS Adj P/R 1 1/4/19 433.45- P/R 1 1/4/19 PERS HR 0075200 180,473.78 PUBLIC EMPLOYEES RETIREMENT SY\$ 180,040.33	
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R DIR 1 1/10/19 Taxes HR 0076100 384.64 EMPLOYMENT DEVELOPMENT DEPARTM\$ 384.64	
Wire	INTERNAL REVENUE SERVICE P/R DIR 1 1/10/19 Taxes HR 0076100 2,399.16 INTERNAL REVENUE SERVICE \$ 2,399.16	
Wire	METROPOLITAN WATER DISTRICT November 2018 Water Purchase 9550 4,388,096.77 METROPOLITAN WATER DISTRICT \$ 4,388,096.77	
Wire	STATE BOARD OF EQUALIZATION 12/18 Sales Tax Deposit 23784561 12/1 11,437.00 STATE BOARD OF EQUALIZATION \$ 11,437.00	
Wire	PUBLIC EMPLOYEE'S RETIREMENT S P/R 2 1/18 Deferred Comp Ded HR 0076200 33,023.44 PUBLIC EMPLOYEE'S RETIREMENT S\$ 33,023.44	
Wire	STATE DISBURSEMENT UNIT P/R 2 1/18 HR 0076200 2,184.90 P/R 2 1/18 HR 0076200 198.00 STATE DISBURSEMENT UNIT \$ 2,382.90	

Check	Payee / Description	Amount
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 2 1/18 Taxes	HR 0076200 11,950.11
	P/R 2 1/18 Taxes	HR 0076200 52,651.53
	EMPLOYMENT DEVELOPMENT DEPARTM\$	64,601.64
Wire	INTERNAL REVENUE SERVICE P/R 2 1/18 Taxes	HR 0076200 304,509.42
	INTERNAL REVENUE SERVICE	\$ 304,509.42
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 102 1/22 Taxes	HR 0076300 11.20
	P/R 102 1/22 Taxes	HR 0076300 31.34
	EMPLOYMENT DEVELOPMENT DEPARTM\$	42.54
Wire	INTERNAL REVENUE SERVICE P/R 102 1/22 Taxes	HR 0076300 287.93
	INTERNAL REVENUE SERVICE	\$ 287.93
Wire	EMPLOYMENT DEVELOPMENT DEPARTM P/R 202 1/23 Taxes	HR 0076400 9.86
	P/R 202 1/23 Taxes	HR 0076400 6.72
	EMPLOYMENT DEVELOPMENT DEPARTM\$	16.58
Wire	INTERNAL REVENUE SERVICE P/R 202 1/23 Taxes	HR 0076400 170.07
	INTERNAL REVENUE SERVICE	\$ 170.07
Wire	PUBLIC EMPLOYEES RETIREMENT SY P/R 2 1/18 PERS Adj	P/R 2 1/18 AD 91.98-
	P/R 2 1/18 PERS	HR 0076200 176,707.93
	PUBLIC EMPLOYEES RETIREMENT SY\$	176,615.95
Wire	PUBLIC EMPLOYEES' RETIREMENT S 1/19 Health Ins-Retirees, Employees	15526452 1/19 252,645.68
	1/19 Health Ins-Board	15526461 1/19 6,629.97
	PUBLIC EMPLOYEES' RETIREMENT S\$	259,275.65

Grand Total Payment Amount: \$ 5,952,538.55

Attachment 2E

Payroll-Net Pay-Directors

INLAND EMPIRE UTILITIES AGENCY

Ratification of Board of Directors

Payroll for January 11 ,2019
Presented at Board Meeting on March 20, 2019

DIRECTOR NAME	GROSS PAYROLL	NET PAYROLL
Jasmin Hall	\$3,141.57	\$2,000.45
Katherine Parker	\$3,656.16	\$1,186.70
Michael Camacho	\$4,260.79	\$1,579.66
Steven J. Elie	\$4,351.16	\$1,191.44
Paul Hofer	\$0.00	\$0.00
TOTALS	\$15,409.68	\$5,958.25

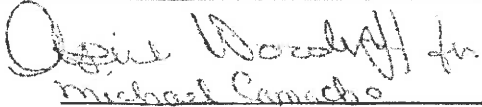
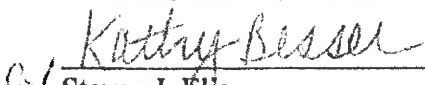
	Count	Amount
TOTAL EFTS PROCESSED	3	\$4,378.59
TOTAL CHECKS PROCESSED	1	\$1,579.66
CHECK NUMBERS USED	110342 - 110342	

IEUA DIRECTOR PAYSHEET

MICHAEL CAMACHO
 EMPLOYEE NO. 1140
 ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-03-18	Telecon Mtg. w/ D. Pitman-MWD Org. Personnel, & Tech Committee Update	Yes	\$247.50
12-04-18	40 th Judgment Anniversary Event	Yes	\$247.50
12-05-18	Special IEUA Board Meeting/Workshop	Yes	\$247.50
12-12-18	IEUA Engineering, Operations, & Water Resources Committee Meeting	Yes (same day)	\$-0-
12-12-18	Special IEUA Board Meeting	Yes	\$247.50
12-14-18	Special IEUA Board Meeting	Yes	\$247.50
12-18-18	Mtg. w/O Gonzalez, CVWD re: Agency Water Updates	Yes	\$247.50
12-19-18	CBRFA/IEUA Special Board Meeting	Yes	\$247.50
12-19-18	IEUA Employee Recognition Holiday Luncheon	Yes (same day)	\$-0-
TOTAL REIMBURSEMENT			\$1,732.50
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			
Total No. of Meetings Attended			9
Total No. of Meetings Paid			7

DIRECTOR SIGNATURE 
 Approved by: 
 Steven J. Elie
 President, Board of Directors


**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON MWD BOARD**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10700 110115 110000 511010

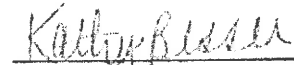
DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-06-18	Southern Coalition/Inland Caucus Meeting	Yes	\$247.50
12-10-18	MWD Standing Committees	Yes	\$247.50
12-11-18	MWD Standing Committee Meetings & Board Meeting	Yes	\$247.50
TOTAL REIMBURSEMENT			\$742.50
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 7/01/17).			
Total No. of Meetings Attended			3
Total No. of Meetings Paid			3

DIRECTOR
SIGNATURE


Michael Camacho

Approved by:


for Steven J. Elie
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON REGIONAL POLICY COMMITTEE (ALTERNATE)**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10900 110100 500000 501215

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-06-18	Regional Policy Committee Meeting	No (cancelled)	\$-0-
TOTAL REIMBURSEMENT (Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17.) IEUA pays Regional Policy Committee members (total amount of \$247.50, should reflect on timesheet)			\$-0-
Total No. of Meetings Attended			0
Total No. of Meetings Paid			0

**DIRECTOR
SIGNATURE**

Michael Camacho

Michael Camacho

Approved by:

Steven J. Elie

for Steven J. Elie
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO BASIN WATER BANK (ALTERNATE)**

MICHAEL CAMACHO
EMPLOYEE NO. 1140
ACCOUNT NO. 10900 110100 500000 501215

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
	None		
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105			\$-0-
Total No. of CBWB Meetings Attended			0
Total No. of CBWB Meetings Paid			0

DIRECTOR SIGNATURE *Michael Camacho*

Approved by: *Kathy Bessel*
for Steven J. Elie
President, Board of Directors

IEUA DIRECTOR PAYSHEET

STEVEN J. ELIE
 EMPLOYEE NO. 1175
 ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-01-18	City of Chino Hills Tree Lighting Ceremony	Yes	\$247.50
12-03-18	Oath of Office Ceremony for Supervisor C Hagman	Yes	\$247.50
12-05-18	IEUA Board of Directors Mtg.	Yes	\$247.50
12-06-18	Supervisor C. Hagman's VIP Open House	Yes	\$247.50
12-11-18	Mtg. w/Supervisor C. Hagman, General Manager Halla, C. Berch to discuss Agency business	Yes	\$247.50
12-11-18	Meeting with Director Parker to discuss Agency business	Yes (staff)	\$-0-
12-11-18	Special IEUA Audit Committee	Yes (same day)	\$-0-
12-12-18	IEUA Swearing-in Ceremony	Yes (same day)	\$-0-
12-12-18	Special IEUA Board Meeting	Yes	\$247.50
12-17-18	Board Package Review w/ General Counsel JC, General Manager Halla & Interim GM Kirby	Yes	\$247.50
12-19-18	Special CBRFA/IEUA Board of Directors	Yes	\$247.50
12-19-18	Employee Recognition Holiday Luncheon	Yes (same day)	\$-0-
12-20-18	Mtg. w/Interim GM Kirby	Yes (staff)	\$-0-
TOTAL REIMBURSEMENT			\$1,980.00
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			
Total No. of Meetings Attended			13
Total No. of Meetings Paid			8

DIRECTOR
SIGNATURE

Steven J. Elie

 Steven J. Elie

Approved by:

Kathleen Besser

 Jasmin Hall
 Secretary/Treasurer

**DIRECTOR PAYSHEET FOR IEUA
ON WATERMASTER BOARD**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-04-18	CBWM 40 th Judgment Anniversary Event	Yes	\$-0-*
12-27-18	CBWM Board Meeting	No (cancelled)	\$-0-*
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance. (i.e., \$122.50 – difference between Watermaster \$125.00 and Agency meetings \$247.50 (eff. 7/01/17). Chino Basin Watermaster does not compensate an alternate Director unless the alternate Director is attending on behalf of an absent primary Director. In accordance to Ordinance No. 98, Section 1, (i) Attendance at any meeting provided for under Sections 1.b, c, e, and f, shall also include payment to both the primary representative and the alternate representative to said body if they both attend said meeting. <u>Record full amount on timesheet for attendance by alternates</u>			
Total No. of Watermaster Meetings Attended			1
Total No. of Watermaster Meetings Paid			0

*Decline IEUA portion

DIRECTOR
SIGNATURE

Steven J. Elie

Approved by:

Kathy Beera
for Jasmin Hall
Secretary/Treasurer

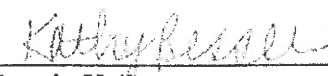
**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY (ALTERNATE)**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-06-18	CDA Board Meeting	No	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105 (i.e., \$97.50 – difference between CDA (\$150.00 and Agency meetings \$247.50 (eff.7/01/17), including MWD meetings. CDA pays directly to IEUA. Record full amount on timesheet.			
Total No. of CDA Meetings Attended			0
Total No. of CDA Meetings Paid			0

DIRECTOR 
SIGNATURE Steven J. Elie

Approved by: 
for Jasmin Hall
Secretary/Treasurer

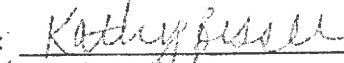
**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO BASIN WATER BANK**

STEVEN J. ELIE
EMPLOYEE NO. 1175
ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
	None		
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105.			\$-0-
Total No. of CBWB Meetings Attended			0
Total No. of CBWB Meetings Paid			0

DIRECTOR SIGNATURE 
Steven J. Elie

Approved by: 
for Jasmin Hall
Secretary/Treasurer

IEUA DIRECTOR PAYSHEET

JASMIN A. HALL
 EMPLOYEE NO. 1256
 ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-03-18	Mtg. w/Director Parker to discuss Agency business	Yes (staff)	\$-0-
12-04-18	CBWM 40 th Judgment Anniversary Event	Yes	\$247.50
12-05-18	IEUA Board Workshop/Meeting	Yes	\$247.50
12-06-18	BIA Home Aid Baldy View Chapter Holiday Charity Gala	Yes (same day)	\$-0-
12-08-18	City of Fontana Christmas Parade	Yes	\$247.50
12-10-18	ASBCSD Dinner Meeting	Yes	\$247.50
12-11-18	Mayor Warren Luncheon	Yes (same day)	\$-0-
12-11-18	Fontana City Council	Yes	\$247.50
12-12-18	IEUA Swearing-In Ceremony	Yes (same day)	\$-0-
12-12-18	IEUA Special Board Meeting	Yes	\$247.50
12-13-18	IEUA Leadership Breakfast	Yes	\$247.50
12-14-18	IEUA Special Board Meeting	Yes	\$247.50
12-17-18	CASA Board of Directors conference call	Yes	\$247.50
12-19-18	CBRFA/IEUA Special Board Meeting	Yes (10 mtgs. max.)	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			\$2,227.50
Total No. of Meetings Attended			14
Total No. of Meetings Paid			9

DIRECTOR SIGNATURE *Jasmin A. Hall*

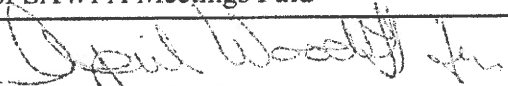
Approved by: *Kathy Besser*
 for Steven J. Elie, President, Board of Directors


**DIRECTOR PAYSHEET FOR IEUA
ON SAWPA COMMISSION**

JASMIN A. HALL
EMPLOYEE NO. 1256
ACCOUNT NO. 10500 110100 165000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-04-18	SAWPA Project Agreement 23 Regular Committee Meeting	Yes (same day)	\$-0-
12-04-18	SAWPA Commission Workshop	Yes (same day)	\$-0-
12-18-18	SAWPA Commission Meeting	Yes (10 mtgs. max.)	\$-0-
TOTAL REIMBURSEMENT Up to 10 days of service per month per Ordinance No. 105), i.e., \$47.50 – difference between SAWPA (\$200.00 (eff. 5/01/17) and Agency meetings \$247.50 (eff. 7/01/17), including MWD meetings. SAWPA pays both primary and alternate for attendance, including mileage.			\$-0-
Total No. of SAWPA Meetings Attended			3
Total No. of SAWPA Meetings Paid			0

DIRECTOR 
SIGNATURE Jasmin A. Hall

Approved by: 
Steven J. Elie
President, Board of Directors

**DIRECTOR PAYSHEET FOR IEUA REPRESENTATIVE
ON CHINO DESALTER AUTHORITY**

JASMIN A. HALL
EMPLOYEE NO. 1256
ACCOUNT NO. 10200 110100 100000 501010

DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-06-18	CDA Board Meeting	Yes	\$247.50
TOTAL REIMBURSEMENT			\$247.50
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 7/01/17). Chino Desalter Authority will pay \$150.00 per meeting directly to the Agency. Record full amount on timesheet. CDA pays both primary and alternate for attendance			
Total No. of CDA Meetings Attended			1
Total No. of CDA Meetings Paid			1

DIRECTOR *[Signature]*
SIGNATURE Jasmin A. Hall

Approved by: *[Signature]*
for Steven J. Elie
President, Board of Directors

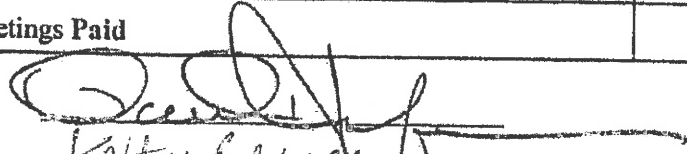
IEUA DIRECTOR PAYSHEET

PAUL HOFER
 EMPLOYEE NO. 1349
 ACCOUNT NO. 10200 110100 100000 501010

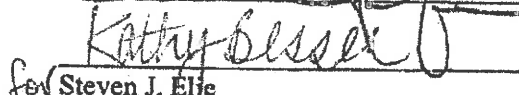
DECEMBER 2018

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
12-04-18	Meeting w/General Manager Halla re: Agency Business	Yes (staff)	\$-0-
12-04-18	40 th Judgment Anniversary Event	Yes (same day)	\$-0-
12-05-18	IEUA Special Board Meeting	Yes	\$-0-
12-06-18	Supervisor Curt Hagman's Open House	Yes	\$-0-
12-12-18	IEUA Swearing-In Ceremony	Yes	\$-0-
12-13-18	Meeting w/General Manager Halla re: Agency Business	Yes (staff)	\$-0-
12-19-18	Special CBRFA/IEUA Board Meeting	Yes	\$-0-
12-20-18	Meeting w/General Manager Halla re: Agency Business	Yes (staff)	\$-0-
TOTAL REIMBURSEMENT			\$-0-
Up to 10 days of service per month per Ordinance No. 105, including MWD meetings at \$247.50 (eff. 07/01/17). IEUA pays both primary and alternate for attendance.			
Total No. of Meetings Attended			8
Total No. of Meetings Paid			0

DIRECTOR
SIGNATURE



Approved by:


 for Steven J. Elje
 President, Board of Directors

Director Hofer has waived all stipend payments

Attachment 2F

Payroll-Net Pay-Employees

Non-Board Members	PP 1 Checks	PP 1 EFTs	PP 2 Checks	PP 2 EFTs	January
NET PAY TO EE	\$0.00	\$813,349.14	\$1,411.96	\$749,210.53	\$1,563,971.63

INLAND EMPIRE UTILITIES AGENCY

Payroll for January 4, 2019

Presented at Board Meeting on March 20, 2019

GROSS PAYROLL COSTS			\$1,628,848.13
DEDUCTIONS			(\$815,498.99)
NET PAYROLL			813,349.14
NET PAYROLL BREAKDOWN	CHECKS	EFT	TOTAL
CHECKS USED			
TRANSACTION PROCESSED	0	365	365
AMOUNT	\$0.00	\$813,349.14	<u>\$813,349.14</u>

INLAND EMPIRE UTILITIES AGENCY

Payroll for January 18, 2019

Presented at Board Meeting on March 20, 2019

GROSS PAYROLL COSTS			\$1,332,216.60
DEDUCTIONS			(\$581,594.11)
NET PAYROLL			750,622.49
NET PAYROLL BREAKDOWN	CHECKS	EFT	TOTAL
CHECKS USED			
TRANSACTION PROCESSED	3	362	365
AMOUNT	\$1,411.96	\$749,210.53	<u>\$750,622.49</u>

**ACTION
ITEM
2A**



Date: March 20, 2019

To: The Honorable Board of Directors

From: Kirby Brill, Interim General Manager *KB*

Committee: Finance & Administration

03/13/19

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Adoption of Resolution No. 2019-3-1, Approving the Agency's Investment Policy Update

Executive Summary:

The Agency's Investment Policy mandates an annual review and Board approval of the Policy, or whenever there are significant changes. The Fiscal Year 2018/19 Investment Policy (Policy) was updated and approved on February 21, 2018. On December 20, 2017, the Board of Directors awarded PFM Asset Management LLC (PFM) a contract to provide advisory services and day to day management of the Agency's investment portfolio. As the Agency's financial and investment advisor, PFM reviewed the Agency's current Policy and provided confirmation that the Policy is in compliance with the California Government Code which governs the investment of public funds. As such, PFM did not recommend any changes to the Policy in regards to the state's statutes. The Policy remains largely unchanged from the prior year apart from one change from monitoring the Agency's weighted average portfolio duration to its weighted average maturity. Additionally, minor clarifications and updates were made to the Policy's glossary.

The Policy continues to emphasize the Agency's public funds management objectives of safety, liquidity, and return on investment, listed in order of priority.

Staff's Recommendation:

Adopt Resolution No. 2019-3-1, approving the update of the Agency's Investment Policy for Fiscal Year 2019/20.

Budget Impact *Budgeted* (Y/N): N *Amendment* (Y/N): N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

None.

Full account coding (internal AP purposes only):

- - -
- - -

Project No.:

Prior Board Action:

On February 21, 2018, the Board of Directors adopted Resolution No. 2018-2-5, approving the Agency's Investment Policy for Fiscal Year 2018/19.

Environmental Determination:

Not Applicable

Business Goal:

The amendments to the investment policy are consistent with the Agency's Business Goal of Fiscal Responsibility in optimizing the Agency's investment of surplus funds in accordance with the Agency's Investment Policy.

Attachments:

Attachment 1 - PFM Memorandum

Attachment 2 - Resolution 2019-3-1

Attachment 3 - Agency Investment Policy

Attachment 4 - Blacklined or Tracked Changes to FY 2018/19 Investment Policy



February 9, 2019

Memorandum

To: Christina Valencia, CFO/AGM
Tina Cheng, Budget Officer
Jeannette Smith, Financial Analyst I
Inland Empire Utilities Agency

From: Sarah Meacham, Managing Director
Richard Babbe, Senior Managing Consultant
PFM Asset Management LLC

Re: 2019 Investment Policy Review

At your request, we reviewed the Inland Empire Utilities Agency's (the "IEUA") Investment Policy (the "Policy"), as part of the IEUA's annual review process. As written, the Policy is in compliance with the California Government Code sections (the "Code") that govern the investment of public funds. Furthermore, there were no changes to the Government Code effective 2019 that would require any changes to the Policy. Consequently, we are not recommending any changes to the Policy at this time.

Please let us know if you have any questions or if you would like to discuss our recommendations in more detail.

RESOLUTION NO. 2019-3-1

**RESOLUTION OF THE BOARD OF DIRECTORS OF INLAND
EMPIRE UTILITIES AGENCY*, SAN BERNARDINO
COUNTY, CALIFORNIA, APPROVING THE ANNUAL
UPDATE OF THE AGENCY'S* INVESTMENT POLICY**

WHEREAS, a "Statement of Investment Policy" is rendered to the Board of Directors on an annual basis or whenever there are recommended changes, whichever occurs first;

WHEREAS, the Secretary/Treasurer, the General Manager or Executive Manager of Finance and Administration/Assistant General Manager of the Inland Empire Utilities Agency (Agency), in accordance with Government Code Section 53646.(a)(2), shall annually prepare and submit a Statement of Investment Policy and such policy, and any changes thereto, shall be considered by the legislative body at a public meeting; and

WHEREAS, the existing policy has been reviewed and revised in order to provide for operational flexibility without sacrificing internal controls or increasing financial risk to the Agency.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors that:

Section 1. The revisions, if any, to the Inland Empire Utilities Agency* Investment Policy dated March 20, 2019 are to be adopted.

Section 2. This resolution shall take effect from and after its date of adoption.

Section 3. Upon adoption of this resolution, Resolution No. 2018-2-5 is hereby rescinded in its entirety.

ADOPTED this 20th day of March, 2019

ATTEST:

Paul Hofer
President of the Inland Empire Utilities
Agency* and of the Board of Directors
thereof

Kati Parker
Secretary/ Treasurer of the Inland Empire
Utilities Agency* and of the Board of
Directors thereof

STATE OF CALIFORNIA)
)SS
COUNTY OF SAN BERNARDINO)

I, Kati Parker, Secretary/Treasurer of the Inland Empire Utilities Agency*, DO
HEREBY CERTIFY that the foregoing Resolution being No. 2019-3-1, was adopted at a
regular Board Meeting on March 20, 2019, of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Kati Parker
Secretary/Treasurer of the Inland Empire
Utilities Agency* and of the Board of
Directors thereof

** a Municipal Water District*

(SEAL)



6075 Kimball Avenue Chino CA 91708 909 993 1600 www.ieua.org

INVESTMENT POLICY

**INLAND EMPIRE UTILITIES AGENCY
INVESTMENT POLICY
TABLE OF CONTENTS**

Section		Page No.
1.0	Policy	1
2.0	Scope	1
3.0	Prudence	1
4.0	Objectives	2
5.0	Delegation of Authority	2
6.0	Ethics & Conflicts of Interest	3
7.0	Authorized Financial Institutions & Dealers	3
8.0	Authorized & Suitable Investments	3
9.0	Authorized Investment for Bond Funds	6
10.0	Safekeeping & Custody	6
11.0	Diversification	7
12.0	Trading of Securities	7
13.0	Maximum Maturities	7
14.0	Portfolio Maturity Limitation	7
15.0	Monitoring Credit Ratings	8
16.0	Reporting	8
17.0	Internal Controls	8
18.0	Performance Standards	8
19.0	Policy Review	9
20.0	State Law	9
21.0	Investment Policy Adoption	9
<i>Appendix</i>	Glossary of Cash Management Terms	10
<i>Exhibit A</i>	List of Investment Advisor	13
<i>Exhibit B</i>	List of Authorized Brokers	14

INLAND EMPIRE UTILITIES AGENCY INVESTMENT POLICY

1.0 POLICY

WHEREAS; The Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern (California Government Code (CGC) § 53600.6 and 53630.1 (CGC §53600.6 and §53630.1);

WHEREAS; the legislative body of a local agency may invest surplus monies, not required for the immediate necessities of the local agency, in accordance with the provisions of CGC §5922 and CGC §53601 et seq.; and

WHEREAS; the Executive Manager of Finance and Administration/ Assistant General Manager (EMFA/AGM) or the General Manager (GM) of the Inland Empire Utilities Agency (IEUA) shall annually, or whenever there are recommended changes, whichever occurs first, prepare and submit a statement of investment policy and such policy, and any changes thereto, shall be considered by the legislative body at a public meeting (CGC §53646[a]).

NOW, THEREFORE, BE IT RESOLVED that the policy of IEUA is to invest funds in a manner which will provide: (i) the maximum security; (ii) the funds necessary to meet the daily cash flow demands of the IEUA; and (iii) the highest investment return while conforming to all statutes governing the investment of IEUA funds within the constraints of this Investment Policy.

2.0 SCOPE

This Investment Policy applies to all surplus monies of IEUA, as defined below.

Surplus Monies are defined, for the Investment Policy, as all funds of the IEUA except:

- Monies held in Deferred Compensation Accounts
- Monies held in Capital Capacity Reimbursement Accounts
- Bond funds pursuant to bond documents

Pooling of funds

Except for cash in certain restricted and special funds, IEUA will consolidate cash and reserve balances from all funds to maximize investments earnings and to increase efficiencies with regards to investment pricing, safekeeping and administration. Investment income will be allocated to the various funds based on their respective participation and in accordance with generally accepted accounting principles.

3.0 PRUDENCE

The standard of prudence to be used by designated investment signatories shall be the "prudent investor" standard (CGC §53600.3) and shall be applied in the context of managing an overall portfolio. Investments shall be made with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of IEUA, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Designated investment signatories, acting in accordance with written procedures, this Investment Policy, and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

4.0 OBJECTIVES

As specified in CGC §53600.5, when investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds; the primary objectives, in priority order, of the investment activities shall be:

- A. *Safety*: Safety of principal is the foremost objective of the investment program. Investments made by IEUA shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required to prevent any potential loss on any individual security or depository from exceeding the income generated from the remainder of the portfolio.
- B. *Liquidity*: The investment portfolio will remain sufficiently liquid to enable IEUA to meet all operating requirements which might be reasonably anticipated.
- C. *Return on Investments*: The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, considering the investment risk constraints and the cash flow characteristics of the portfolio. Return on investment is of secondary importance compared to the safety and liquidity objectives described above. The core of investments is limited to relatively low-risk securities in anticipation of earning a fair return relative to the risk being assumed.

5.0 DELEGATION OF AUTHORITY

Authority to manage the investment program is derived from CGC §53600, et seq. Management's responsibility for the investment program is hereby delegated for a one-year period by the Board of Directors, to the Executive Manager of Finance and Administration/ Assistant General Manager (EMFA/AGM) or the General Manager (GM) who shall thereafter assume full responsibility for those transactions until the delegation of authority is revoked by the Board of Directors. Subject to review, the Board of Directors may renew the delegation of authority each year. The EMFA/AGM or the GM shall establish written procedures for the operation of the investment program consistent with this Investment Policy. Procedures should include reference to: safekeeping, wire transfer agreements, collateral/depository agreements and banking services contracts, as appropriate. Such procedures shall include explicit delegation of authority to persons/positions responsible for investment transactions. No person may engage in an investment transaction except as provided under the terms of this Investment Policy and the procedures established by the EMFA/AGM or the GM and Administration. The EMFA/AGM or GM shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinates.

The EMFA/AGM and/or GM may engage the services of one or more external investment advisors to assist in the management of the IEUA's investment portfolio in a manner consistent with this Investment Policy and the Agency's investment objectives and any written directions provided by the EMFA/AGM or GM. Furthermore, the advisors may not take possession of IEUA's cash or securities. Such investment advisors must be registered under the Investment Advisers Act of 1940.

6.0 ETHICS AND CONFLICTS OF INTEREST

Officers and employees and financial advisors involved in the placement of investments shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

7.0 AUTHORIZED FINANCIAL INSTITUTIONS, BROKERS AND DEALERS

If IEUA plans to initiate investment transactions on its own behalf, excluding bank deposits and investments made directly with an issuer, the EMFA/AGM or the GM shall maintain a list of approved and authorized financial institutions selected based on credit-worthiness, financial strength, experience, and capitalization.

In selecting the *financial institutions* for the deposit or investment of IEUA funds, the EMFA/AGM or the GM's consideration shall include the depository's latest equity/asset ratio data and continue to monitor the financial institutions' credit characteristics and financial history throughout the period during which IEUA funds are deposited or invested.

The minimum qualifications for Agency approved depository/financial institutions include: (i) that they must be at least three (3) years old; have total assets in excess of ten (\$10) billion dollars; a core capital/asset ratio of 5 percent or better; or (ii) have total assets in excess of five hundred million dollars (\$500,000,000); and a core capital/asset ratio of 6 percent or better.

For the services of *banks, savings banks, and savings and loan associations*, depository agreements shall be prepared by the EMFA/AGM or the GM and authorized representatives of the respective financial institutions for consideration and execution by the Board of Directors.

If IEUA plans to initiate investment transactions on its own behalf, for *broker/dealer* services utilized to invest in government securities and other investments, the EMFA/AGM or the GM is designated to select only brokers/dealers who are licensed and in good standing with the California Department of Securities (CDS), the Securities and Exchange Commission (SEC), the Financial Industry Regulatory Authority (FINRA), or other applicable self-regulatory organizations. A periodic review of authorized brokers/dealers is essential to serve the IEUA's investment needs.

If IEUA has contracted with an investment advisor to provide investment services, the investment advisor may use their own list of approved issuers, *brokers/dealers and financial institution* to conduct transaction on the IEUA's behalf.

8.0 AUTHORIZED AND SUITABLE INVESTMENTS

IEUA's investments are governed by Government Code. Within the investments permitted by the Government Code, IEUA seeks to further restrict eligible investments to the investments listed below. In the event an apparent discrepancy is found between this investment policy and the Government Code, the more restrictive parameters will take precedence. Percentage holding limits listed in this section apply at the date an investment is purchased. Credit ratings, as shown, specify the minimum credit rating category required at the point of purchase.

- A. United States Treasury notes, bonds, bills, or certificates of indebtedness, or those for which the full faith and credit of the United States are pledged for the payment of principal and interest.
- B. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises.

- C. State Municipal Securities – Registered treasury notes or bonds issued by any of the 50 United States, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled or operated by a state or by a department, board, agency, or authority of any of the 50 states. Securities eligible for investment under this paragraph shall be rated in a rating category of "A" or its equivalent or better by a Nationally Recognized Statistical Rating Organization (NRSRO). Short-term municipal securities eligible for investment shall be rated at or above the following credit agencies investment grade ratings; Sp-1 by Standard & Poor's, F-1 by Fitch, and MIG-1 by Moody's. These ratings for short term municipal securities signify the issuer's strong capacity to pay principal and interest. Not more than 10 percent of IEUA's funds shall be invested in state and local municipal securities.
- D. California Local Agency Municipal Securities – Bonds, notes, warrants or other evidence of indebtedness of a local agency or municipality located within the State of California, including debt securities issued by the IEUA. Securities eligible for investment under this paragraph shall be rated in a rating category of "A" or its equivalent or better by a NRSRO.
- E. Bank deposits, including demand deposit accounts, savings account, and market rate accounts, time deposits, and certificates of deposit in financial institutions located in California. Bank deposits are required to be collateralized as specified under Government Code § 53630 et. seq. Agreements allowing for the waiver of the collateral requirement for that amount of deposit covered by the Federal Deposit Insurance Corporation may be implemented provided the remainder of the deposit is secured by collateral as required by the Government Code.
- F. Negotiable Certificates of Deposit. Negotiable certificates of deposit (NCD) issued by a nationally or state-chartered bank, a savings association or a federal association (as defined by Section 5102 of the Financial Code), a state or federal credit union, or by a federally licensed or state-licensed branch of a foreign bank. Purchases are limited to securities rated in a rating category of "A" (long-term) and/or "A-1" (short-term) or their equivalents or better by a NRSRO. NCD for which the full amount of the principal and the interest that may be accrued during the maximum term of each certificate is insured by federal deposit insurance are exempt from the rating requirements. A maximum of 30 percent of the portfolio may be invested in this category. The maximum investment maturity will be restricted to five years.
- G. Placement Service Deposits (PSD). Funds may be placed with a private sector entity that assists in the placement of deposit with eligible financial institutions located in the United States (CGC § 53601.8). The full amount of the principal and the interest that may be accrued during the maximum term of each PSD shall at all times be insured by federal deposit insurance. The maximum portfolio exposure to Placement Service Deposits is limited to 30 percent. The maximum investment maturity will be restricted to five years.
- H. Commercial paper of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a NRSRO. The entity that issues the commercial paper shall meet all of the following conditions in either paragraph (1) or paragraph (2):
- (1) The entity meets the following criteria:
 - (a) Is organized and operating in the United States as a general corporation;
 - (b) Has total assets more than five hundred million dollars (\$500,000,000);
 - (c) Has debt other than commercial paper, if any, that is rated in category of "A" or its equivalent or better by a NRSRO.

(2) The entity meets the following criteria:

- (a) Is organized within the United States as a special purpose corporation, trust, or limited liability company;
- (b) Has program wide credit enhancements including, but not limited to, over collateralization, letters of credit, or surety bond;
- (c) Has commercial paper that is rated in a rating category of "A-1" or better, or the equivalent, by a NRSRO.

Eligible commercial paper shall have a maximum maturity of 270 days or less. A maximum of 25 percent of the portfolio may be invested in this category with no more than 10 percent of the outstanding commercial paper of any single issuer.

I. Local Agency Investment Fund (LAIF) investment pool is a voluntary program created by statute as an investment alternative for California's local governments and special districts and is under the administration of the State Governor of California. All securities purchased by LAIF are under the authority of Government Code §16429 and §16480.4. As part of the Pooled Money Investment Account (PMIA), LAIF has oversight by the Pooled Money Investment Board (PMIB), and an in-house Investment Committee. LAIF also has oversight by the Local Agency Investment Advisory Board and is audited by the Bureau of State Audits on an annual basis. Investment in California LAIF cannot exceed the maximum deposit per agency limit as set by the Local Agency Investment Fund.

J. Local Government Investment Pools (LGIP). Shares of beneficial interest issued by a joint powers authority organized pursuant to Government Code § 6509.7. To be eligible for purchase, the pool must meet the requirements of CGC § 53601(p).

Whenever the IEUA has any fund invested in a LGIP, the CFO/AGM or the GM shall maintain on file a copy of the pools' current information statement to be reviewed on a periodic basis. Investment in LGIPs cannot exceed the maximum deposit limit as set by each LGIP.

K. Money Market Funds - Investing solely in U.S. Treasury securities and U.S. Government Agency securities, and repurchase agreements relating to the above obligations. To be eligible, these Money Market Funds must have met either of the following criteria: (A) Attained the highest ranking or the highest letter and numerical rating provided by not less than two NRSROs. (B) Retained an investment advisor with not less than five years of experience and registered or exempt from registration with the SEC, with assets under management more than five hundred million dollars (\$500,000,000). No more than 20 percent of the portfolio may be invested in Money Market Funds and with no more than 10 percent invested in any one money market mutual fund.

L. Repurchase Agreements - IEUA may invest in repurchase agreements with banks and dealers with which IEUA has entered into a master repurchase agreement which specifies terms and conditions of repurchase agreements.

- 1) Transactions shall be limited to the primary dealers and banking institutions rated in a rating category of "A" or its equivalent or better by a NRSRO, or with a financially stable banking institution which the Agency has substantial banking relationship. The maturity of repurchase agreements shall not exceed 90 days. The market value of securities used as collateral for repurchase agreements shall be monitored daily by the EMFA/AGM or GM and will not be allowed to fall below 102 percent of the value of the repurchase agreement plus the value of collateral more than the value of the repurchase agreement.

To conform with the Federal Bankruptcy Code which provides for the liquidation of securities held as collateral for repurchase agreements, the only securities acceptable as collateral shall be securities that are direct obligations of, or that are fully guaranteed as to principal and interest by the United States or any agency of the United States.

- 2) Not more than 40 percent of the portfolio may be invested in repurchase agreements and a security interest satisfactory to IEUA shall always be maintained in the securities subject to a repurchase agreement.

M. Medium Term Notes (MTN): MTNs defined as all corporate and depository institution debt securities with a maximum remaining maturity of five years or less, issued by corporations organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States. Purchases in this category shall not exceed 30 percent of the portfolio and must be rated in a rating category of "A" or its equivalent, or better by a NRSRO.

N. U.S. Instrumentalities (Supranational). United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank, with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Purchases are limited to securities that are rated in a rating category of "AA" or its equivalent or better by a NRSRO. A maximum of 20 percent of the portfolio may be invested in United States Instrumentalities.

Ineligible Investments: Investments not described herein, including but not limited to, reverse repurchase agreements and common stocks are prohibited from use in this portfolio. This Investment Policy further specifically disallows investments in inverse floaters, range notes, or interest only strips that are derived from a pool of mortgages, or any security that could result in zero interest accrual if held to maturity.

9.0 AUTHORIZED INVESTMENTS FOR BOND FUNDS

Bond funds shall be invested in the securities permitted pursuant to Board approved bond documents. If the bond documents are silent as to the permitted investments, bond funds will be invested in the securities permitted by this policy. Notwithstanding the other provisions of this Investment Policy, the dollar portfolio, percentage, and term limitations listed elsewhere in the Investment Policy do not apply to bond funds. In addition to the securities listed in Section 8.0 above, bond funds may be invested in a structured investment product if approved by the EMFA/AGM or GM.

10.0 SAFEKEEPING AND CUSTODY

As required by CGC §53601 all security transactions entered by IEUA shall be conducted on Delivery versus Payment basis. Delivery versus Payment or DVP basis means all securities purchased or acquired shall be delivered to IEUA by book entry, physical delivery, or third-party custodial agreement. Investments in the state pool, local government investment pools, or money market funds are undeliverable, and therefore, not subject to the delivery or third-party safe keeping requirements.

11.0 DIVERSIFICATION

The Board of Directors recognize that investment risks can result from issuer defaults, market price changes, or various technical complications leading to temporary illiquidity. Portfolio diversification is employed to minimize these risks. Investment signatories are expected to display prudence in the selection and/or approval of securities, to minimize the risks present in the investment portfolio. No individual investment transaction shall be undertaken which jeopardizes the total capital position of the overall portfolio. To promote diversification, no more than 5% of the portfolio may be invested in the securities of any one issuer, regardless of security type; except for U.S. Treasuries, federal agencies, supranational, and pooled investments such as LAIF, money market funds, and local government investment pools.

The Board of Directors acknowledges that from time to time certain situations may arise during which strict adherence to an inflexible investment policy may be overly restrictive. On a case by case basis, the Board of Directors may consider any pertinent information of such situations and may, by minute action, modify or waive, within the constraints of CGC §53601 et seq., any of the provisions and/or restrictions of this Investment Policy.

The EMFA/AGM or the GM shall periodically establish diversification guidelines, within the context of this policy, and strategies to control any risks of default, market price changes, and illiquidity.

12.0 TRADING OF SECURITIES

A trade is the movement from one security to another and may be done for a variety of reasons, such as to increase yield, lengthen or shorten maturities, to take a profit, or to increase investment quality. The purchase and sale transaction and the sale transaction must each be recorded separately and any losses or gains on the sale must be recorded.

The EMFA/AGM or the GM may obtain competitive bids from at least two brokers or financial institutions on all purchases based on investment analysis recommended by staff about the investment policy guidelines. Competitive bids can be also obtained by other communication channels when necessary.

If the Agency has contracted with an investment advisor to provide investment service, the trading of the funds managed by the investment advisor will be performed by the investment advisor based on their established policies and procedure to evaluate and monitor the firms' credit worthiness, as well as their ability to perform the duties necessary for efficient trade execution. All trading activity conducted by the investment advisor shall be made in accordance with this Investment Policy and any written directions provided by the EMFA/AGM and/or GM.

13.0 MAXIMUM MATURITIES

Where no maturity limit is stated for an investment under Section 8.0, no investment shall be made in any security that at the time of the investment, has a term remaining to maturity more than five years unless the Board of Directors has granted express authority to make that investment either specifically or as part of a previous investment program, no less than three (3) months prior to the investment. Any investment currently held at the time the investment policy is adopted which does not meet the new policy guidelines will be held until maturity and shall be exempt from the current policy. At the time of the investment's maturity or liquidation such funds shall be reinvested only as provided in the most current policy.

14.0 PORTFOLIO MATURITY LIMITATION

The weighted average maturity of the entire portfolio shall not exceed three (3) years.

15.0 MONITORING CREDIT RATINGS

The EMFA/AGM or the GM or the investment advisor shall monitor the ratings of all investments in their portfolios on a continuous basis. If an existing investment's rating drops below the minimum credit rating required for new investments made pursuant to this Investment Policy, the EMFA/AGM or the GM shall make a written recommendation to the Board as to whether this security should be held or sold prior to maturity.

16.0 REPORTING

The EMFA/AGM or the GM shall submit to each member of the Board of Directors a monthly investment report. This report will include the elements of the quarterly report as recommended by CGC §53646, to include:

- a. Type of investment
- b. Name of institution
- c. Date of maturity
- d. Amount of deposit or cost of the security and the par value
- e. Current market value of all securities
- f. Rate of interest/earnings (yield)
- g. A monthly list of transactions

CGC §53646(b)(2), (3) recommends that the investment report must include a statement that (i) all investment actions executed since the last investment report have been made in full compliance with the Investment Policy or a Board of Directors' minute action (waiver) and, that (ii) IEUA will meet its expenditure obligations for the next six months. The EMFA/AGM or the GM shall maintain a complete and timely record of all investment transactions in support of the above statement.

17.0 INTERNAL CONTROLS

The EMFA/AGM or the GM is responsible for establishing and maintaining a control structure designed to ensure that the assets of the IEUA are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived and (2) the valuation and benefits require estimates and judgments by management.

An annual independent review, or as needed to address recommended changes, by an external auditor to assure compliance with policies and procedures will be performed as part of the IEUA's annual audit.

18.0 PERFORMANCE STANDARDS

The investment portfolio shall be designed with the objective of obtaining a market rate of return throughout budgetary and economic cycles, commensurate with the investment risk constraints and the cash flow needs. To determine whether market rate of return is being achieved, the EMFA/AGM or the GM shall identify comparable benchmark(s) to the portfolio investment duration, (e.g. 90-day US Treasury Bill, 6-month US Treasury Bill, average LAIF yield rate).

If the Agency has contracted with an investment advisor to provide investment service, the investment performance of the managed funds shall be evaluated and compared to an appropriate benchmark to assess the success of the investment program relative to IEUA's safety, liquidity, return objectives.

This comparative analysis is included in investment report presented to the Board of Directors monthly.

19.0 POLICY REVIEW

This Investment Policy shall be reviewed regularly to ensure its consistency with the overall objectives of preservation of principal, liquidity, and return and its relevance to current law and financial and economic trends. The Board shall be responsible for maintaining guidance over this Investment Policy to ensure that IEUA can adapt readily to changing market conditions and approve any modification to the Investment Policy prior to implementation.

20.0 STATE LAW

The legislated authority of the IEUA's investments is covered in Sections 53601, 53607, 53635, 53638, 53646, 53652, and 53653 of the Government Code. It is the policy of the IEUA to comply with the State laws governing its investments.

21.0 INVESTMENT POLICY ADOPTION

The Investment Policy shall be adopted by resolution of the Board of Directors of IEUA (A Municipal Water District). Moreover, the Policy shall be reviewed whenever there are recommended changes or annually, whichever occurs first, and modifications must be approved by the Board of Directors.

ADOPTED AND APPROVED:

Name: Paul Hofer
Title: President, Board of Directors
Date:

APPENDIX: GLOSSARY OF CASH MANAGEMENT TERMS

BOND PROCEEDS:

The money paid to the issuer by the purchaser or underwriter of a new issue of municipal securities. These moneys are used to finance the project or purpose for which the securities were issued and to pay certain costs of issuance as may be provided in the bond contract.

BROKER:

A broker acts as an intermediary between a buyer and seller for a commission and does not trade for his/her own risk and account or inventory.

CERTIFICATE OF DEPOSIT (CD):

A time deposit with a specific maturity evidenced by a certificate.

CERTIFICATE OF DEPOSIT ACCOUNT REGISTRY SYSTEM (CDARS):

A private CD placement service that allows local agencies to purchase more than \$250,000 in CDs from a single financial institution (must be a participating institution of CDARS) while still maintaining FDIC insurance coverage. CDARS is currently the only entity providing this service. CDARS facilitates the trading of deposits between the California institution and other participating institutions in amounts that are less than \$250,000 each, so that FDIC coverage is maintained.

COLLATERAL:

Securities, evidence of deposit or other property, which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

COMMERCIAL PAPER:

A short-term, unsecured, promissory note with a fixed maturity of no more than 270 days. By statute, these issues are exempt from registration with the U.S. Securities and Exchange Commission.

CREDIT RISK:

The risk to an investor that an issuer will default in the payment of interest and/or principal on a security and a loss will result.

CUSTODIAN:

A bank or other financial institution that keeps custody of stock certificates and other assets.

DEALER:

A dealer, as opposed to a broker, acts as a principal in all transaction, buying and selling for his own risk and account or inventory.

DELIVERY OF SECURITIES:

There are two methods of delivery of securities; *Delivery versus Payment* and *Delivery versus Receipt*. Delivery versus payment is delivery of securities with an exchange of money for the securities. Delivery versus receipt is delivery of securities with an exchange of signed receipt for the securities.

DIVERSIFICATION:

Dividing investment funds among a variety of securities offering independent returns.

DURATION:

A measure of the timing of the cash flows to be received from a given-fixed income security. This calculation is based on three variables: term to maturity, coupon rate, and yield to maturity. The duration of a security is a useful indicator of its price volatility for given changes in interest rates.

FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC): A federal agency that insures bank deposits.

FINANCIAL INDUSTRY REGULATORY AUTHORITY (FINRA):

The Financial Industry Regulatory Authority (FINRA) is the largest independent regulator for all securities firms doing business in the United States. All told, FINRA oversees over 3,600 brokerage firms, about 155,000 branch offices and approximately 630,000 registered securities representatives.

INTEREST ONLY STRIPS:

The interest portion of a Treasury note or bond that has been stripped of its principal component through the commercial book-entry system.

INTEREST RATE RISK:

The risk of gain or loss in market values of securities due to changes in interest-rate levels. For example, rising interest rates will cause the market value of portfolio securities to decline.

INVERSE FLOATER:

Fixed income instrument whose coupon or interest rate is periodically reset according to a short-term rate index such as LIBOR, or prime rate. Unlike the traditional floating rate instrument, however, the inverse floater's rate is set equal to a fixed rate minus the short-term rate index.

INVESTMENT POLICY:

A clear and concise statement of the objectives and parameters formulated by an investor or investment manager for a portfolio of investment securities.

INVESTMENT PORTFOLIO:

A collection of securities held by a bank, individual, institution, or government agency for investment purposes.

LIQUIDITY:

The measure of an asset's ability to be converted easily and rapidly into cash with minimum risk on principal.

LOCAL AGENCY INVESTMENT FUND (LAIF):

An investment pool managed by the California State Treasurer. Local government units, with consent of the governing body of that agency, may voluntarily deposit surplus funds for investment. Interest earned is distributed by the State Controller to the participating governmental agencies on a quarterly basis.

MARKET VALUE:

The price at which a security is currently being sold in the market. See FAIR VALUE.

MASTER REPURCHASE AGREEMENT:

A written contract covering all future transactions between the parties to repurchase agreements and reverse repurchase agreements that establish each party's rights in the transactions. A master agreement will often specify, among other things, the right of the buyer-lender to liquidate the underlying securities in the event of default by the seller-borrower.

MATURITY:

The date that the principal or stated value of a debt instrument becomes due and payable.

MEDIUM-TERM NOTES (MTNs):

Corporate notes, having any or of the features of corporate bonds and ranging in maturity from nine months out to thirty years. The difference between corporate bonds and MTNs is that corporate bonds are underwritten.

NATIONALLY RECOGNIZED STATISTICAL RATING ORGANIZATION (NRSRO):

A rating organization designated by the SEC as being nationally recognized, such as Moody's Investor Service, Inc. (Moody's), Standard & Poor's (S&P), and Fitch Ratings (Fitch).

NEGOTIABLE CERTIFICATES OF DEPOSIT:

Time deposits issued by Federal Deposit Insurance Corporation (FDIC) insured banks and are underwritten by the Financial Industry Regulatory Authority (FINRA) registered Broker/Dealers. Also known as "DTC Eligible CDs" or "Brokered Deposits", this type of deposit is offered to investors by issuing institutions looking to raise liquidity and funding through the wholesale and institutional markets.

PAR VALUE:

The amount of principal that must be paid at maturity. Also referred to as the face amount of a bond, normally quoted in increments of \$1,000 per bond.

PRIMARY DEALER:

A group of government securities dealers who submit daily reports of market activity and positions and monthly financial statements to the Federal Reserve Bank of New York and are subject to its informal oversight. Primary dealers include Securities and Exchange Commission (SEC)-registered securities broker/dealers, banks and a few unregulated firms.

PRINCIPAL:

The face or par value of a debt instrument or the amount of capital invested in a security.

PRUDENT INVESTMENT STANDARD:

The way a prudent person of discretion and intelligence would be expected to manage the investment program in seeking a reasonable income and preservation of capital.

RANGE NOTES:

Securities that accrue interest during an interest period at a fixed or variable rate if a specified index is within a specified range during a designated period or at a point in time. A Range Note may not bear interest if the specified index is outside the specified range.

RATE OF RETURN:

- 1) The yield which can be attained on a security based on its purchase price or its current market price.
- 2) Income earned on an investment, expressed as a percentage of the cost of the investment.

REPURCHASE AGREEMENT (RP OR REPO):

A holder of securities (e.g. investment dealer) sells these securities to an investor (e.g. the Agency) with an agreement to repurchase them at a fixed date. The security "buyer" (e.g. the Agency) in effect lends the "seller" money for the period of the agreement, and the terms of the agreement are structured to compensate the "buyer" for this. Dealers use RP extensively to finance their positions. Exception: When the Fed is said to be doing RP, it is lending money that is increasing bank reserves.

REVERSE REPURCHASE AGREEMENT (REVERSE REPO):

A counter party (e.g. investment dealer) buys the securities from the holder of securities (e.g. the Agency) with an agreement to sell them back at a fixed date. The counter party in effect lends the seller (e.g. the Agency) money for the period of the agreement with terms of the agreement structured to compensate buyer.

SAFEKEEPING:

A service banks offer to clients for a fee, where physical securities are held in the bank's vault for protection and book-entry securities are on record with the Federal Reserve Bank or Depository Trust Company in the bank's name for the benefit of the client. As agent for the client, the safekeeping bank settles securities transactions, collects coupon payments, and redeems securities at maturity or, if called, on the call date.

SECURITIES:

Investment instruments such as notes, bonds, stocks, money market instruments and other instruments of indebtedness of equity.

SECURITIES AND EXCHANGE COMMISSION (SEC):

Agency created by Congress to protect investors in securities transactions by administering securities legislation.

SECONDARY MARKET:

A market for the repurchase and resale of outstanding issues following the initial distribution.

SUPRANATIONALS:

International organizations whereby member states transcend national boundaries or interests to share in the decision-making process and vote on issues pertaining to the wider grouping.

TOTAL RETURN:

Total return, when measuring performance, is the actual rate of return of an investment or a pool of investments over a given evaluation period. Total return includes interest, capital gains, dividends and distributions realized over a given period.

TREASURY SECURITIES:

Securities issued as direct obligations of the U.S. Government and backed by the full faith and credit of the federal government.

WEIGHTED AVERAGE MATURITY (WAM):

The average maturity of all the securities that comprise a portfolio, typically expressed in days of years.

YIELD:

The annual rate of return on an investment expressed as a percentage of the investment. Income yield is obtained by dividing the current dollar income by the current market price for the security.

**INLAND EMPIRE UTILITIES AGENCY
OFFICE OF THE EXECUTIVE MANAGER OF FINANCE & ADMINISTRATION/AGM
OR GENERAL MANAGER
INVESTMENT ADVISOR**

The following investment advisor is authorized to provide investment services to the IEUA, in accordance with the IEUA's Investment Policy:

1. PFM Asset Management LLC – Contract Number 4600002440 Approved 12/20/2017

**INLAND EMPIRE UTILITIES AGENCY
OFFICE OF THE EXECUTIVE MANAGER OF FINANCE & ADMINISTRATION/AGM
OR GENERAL MANAGER
Authorized Brokers/Dealers**

NONE



6075 Kimball Avenue Chino CA 91708 909 993 1600 www.ieua.org

INVESTMENT POLICY

BLACKLINED/CHANGES

**INLAND EMPIRE UTILITIES AGENCY
INVESTMENT POLICY
TABLE OF CONTENTS**

Section		Page No.
1.0	Policy	3
2.0	Scope	3
3.0	Prudence	3
4.0	Objectives	4
5.0	Delegation of Authority	4
6.0	Ethics & Conflicts of Interest	5
7.0	Authorized Financial Institutions & Dealers	5
8.0	Authorized & Suitable Investments	5
9.0	Authorized Investment for Bond Funds	8
10.0	Safekeeping & Custody	8
11.0	Diversification	9
12.0	Trading of Securities	9
13.0	Maximum Maturities	9
14.0	Portfolio Duration <u>Maturity</u> Limitation	9
15.0	Monitoring Credit Ratings	10
16.0	Reporting	10
17.0	Internal Controls	10
18.0	Performance Standards	10
19.0	Policy Review	11
20.0	State Law	11
21.0	Investment Policy Adoption	11
<i>Appendix</i>	Glossary of Cash Management Terms	12
<i>Exhibit A</i>	List of Investment Advisor	16
<i>Exhibit B</i>	List of Authorized Brokers	17

INLAND EMPIRE UTILITIES AGENCY INVESTMENT POLICY

1.0 POLICY

WHEREAS; The Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern (California Government Code (CGC) § 53600.6 and 53630.1 (CGC §53600.6 and §53630.1);

WHEREAS; the legislative body of a local agency may invest surplus monies, not required for the immediate necessities of the local agency, in accordance with the provisions of CGC §5922 and CGC §53601 et seq.; and

WHEREAS; the Executive Manager of Finance and Administration/ Assistant General Manager (EMFA/AGM) or the General Manager (GM) of the Inland Empire Utilities Agency (IEUA) shall annually, or whenever there are recommended changes, whichever occurs first, prepare and submit a statement of investment policy and such policy, and any changes thereto, shall be considered by the legislative body at a public meeting (CGC §53646[a]).

NOW, THEREFORE, BE IT RESOLVED that the policy of IEUA is to invest funds in a manner which will provide: (i) the maximum security; (ii) the funds necessary to meet the daily cash flow demands of the IEUA; and (iii) the highest investment return while conforming to all statutes governing the investment of IEUA funds within the constraints of this Investment Policy.

2.0 SCOPE

This Investment Policy applies to all surplus monies of IEUA, as defined below.

Surplus Monies are defined, for the Investment Policy, as all funds of the IEUA except:

- Monies held in Deferred Compensation Accounts
- Monies held in Capital Capacity Reimbursement Accounts
- Bond funds pursuant to bond documents

Pooling of funds

Except for cash in certain restricted and special funds, IEUA will consolidate cash and reserve balances from all funds to maximize investments earnings and to increase efficiencies with regards to investment pricing, safekeeping and administration. Investment income will be allocated to the various funds based on their respective participation and in accordance with generally accepted accounting principles.

3.0 PRUDENCE

The standard of prudence to be used by designated investment signatories shall be the "prudent investor" standard (CGC §53600.3) and shall be applied in the context of managing an overall portfolio. Investments shall be made with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of IEUA, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Designated investment signatories, acting in accordance with written procedures, this Investment Policy, and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

4.0 OBJECTIVES

As specified in CGC §53600.5, when investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds; the primary objectives, in priority order, of the investment activities shall be:

- A. *Safety*: Safety of principal is the foremost objective of the investment program. Investments made by IEUA shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required to prevent any potential loss on any individual security or depository from exceeding the income generated from the remainder of the portfolio.
- B. *Liquidity*: The investment portfolio will remain sufficiently liquid to enable IEUA to meet all operating requirements which might be reasonably anticipated.
- C. *Return on Investments*: The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, considering the investment risk constraints and the cash flow characteristics of the portfolio. Return on investment is of secondary importance compared to the safety and liquidity objectives described above. The core of investments is limited to relatively low-risk securities in anticipation of earning a fair return relative to the risk being assumed.

5.0 DELEGATION OF AUTHORITY

Authority to manage the investment program is derived from CGC §53600, et seq. Management's responsibility for the investment program is hereby delegated for a one-year period by the Board of Directors, to the Executive Manager of Finance and Administration/ Assistant General Manager (EMFA/AGM) or the General Manager (GM) who shall thereafter assume full responsibility for those transactions until the delegation of authority is revoked by the Board of Directors. Subject to review, the Board of Directors may renew the delegation of authority each year. The EMFA/AGM or the GM shall establish written procedures for the operation of the investment program consistent with this Investment Policy. Procedures should include reference to: safekeeping, wire transfer agreements, collateral/depository agreements and banking services contracts, as appropriate. Such procedures shall include explicit delegation of authority to persons/positions responsible for investment transactions. No person may engage in an investment transaction except as provided under the terms of this Investment Policy and the procedures established by the EMFA/AGM or the GM and Administration. The EMFA/AGM or GM shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinates.

The EMFA/AGM and/or GM may engage the services of one or more external investment advisors to assist in the management of the IEUA's investment portfolio in a manner consistent with this Investment Policy and the Agency's investment objectives and any written directions provided by the EMFA/AGM or GM. Furthermore, the advisors may not take possession of IEUA's cash or securities. Such investment advisors must be registered under the Investment Advisers Act of 1940.

6.0 ETHICS AND CONFLICTS OF INTEREST

Officers and employees and financial advisors involved in the placement of investments shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

7.0 AUTHORIZED FINANCIAL INSTITUTIONS, BROKERS AND DEALERS

If IEUA plans to initiate investment transactions on its own behalf, excluding bank deposits and investments made directly with an issuer, the EMFA/AGM or the GM shall maintain a list of approved and authorized financial institutions selected based on credit-worthiness, financial strength, experience, and capitalization.

In selecting the *financial institutions* for the deposit or investment of IEUA funds, the EMFA/AGM or the GM's consideration shall include the depository's latest equity/asset ratio data and continue to monitor the financial institutions' credit characteristics and financial history throughout the period during which IEUA funds are deposited or invested.

The minimum qualifications for Agency approved depository/financial institutions include: (i) that they must be at least three (3) years old; have total assets in excess of ten (\$10) billion dollars; a core capital/asset ratio of 5 percent or better; or (ii) have total assets in excess of five hundred million dollars (\$500,000,000); and a core capital/asset ratio of 6 percent or better.

For the services of *banks, savings banks, and savings and loan associations*, depository agreements shall be prepared by the EMFA/AGM or the GM and authorized representatives of the respective financial institutions for consideration and execution by the Board of Directors.

If IEUA plans to initiate investment transactions on its own behalf, for *broker/dealer* services utilized to invest in government securities and other investments, the EMFA/AGM or the GM is designated to select only brokers/dealers who are licensed and in good standing with the California Department of Securities (CDS), the Securities and Exchange Commission (SEC), the Financial Industry Regulatory Authority (FINRA), or other applicable self-regulatory organizations. A periodic review of authorized brokers/dealers is essential to serve the IEUA's investment needs.

If IEUA has contracted with an investment advisor to provide investment services, the investment advisor may use their own list of approved issuers, *brokers/dealers and financial institution* to conduct transaction on the IEUA's behalf.

8.0 AUTHORIZED AND SUITABLE INVESTMENTS

IEUA's investments are governed by Government Code. Within the investments permitted by the Government Code, IEUA seeks to further restrict eligible investments to the investments listed below. In the event an apparent discrepancy is found between this ~~investment~~ investment policy and the Government Code, the more restrictive parameters will take precedence. Percentage holding limits listed in this section apply at the date an investment is purchased. Credit ratings, as shown, specify the minimum credit rating category required at the point of purchase.

- A. United States Treasury notes, bonds, bills, or certificates of indebtedness, or those for which the full faith and credit of the United States are pledged for the payment of principal and interest.
- B. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises.

- C. State Municipal Securities – Registered treasury notes or bonds issued by any of the 50 United States, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled or operated by a state or by a department, board, agency, or authority of any of the 50 states. Securities eligible for investment under this paragraph shall be rated in a rating category of "A" or its equivalent or better by a Nationally Recognized Statistical Rating Organization (NRSRO). Short-term municipal securities eligible for investment shall be rated at or above the following credit agencies investment grade ratings; Sp-1 by Standard & Poor's, F-1 by Fitch, and MIG-1 by Moody's. These ratings for short term municipal securities signify the issuer's strong capacity to pay principal and interest. Not more than 10 percent of IEUA's funds shall be invested in state and local municipal securities.
- D. California Local Agency Municipal Securities – Bonds, notes, warrants or other evidence of indebtedness of a local agency or municipality located within the State of California, including debt securities issued by the IEUA. Securities eligible for investment under this paragraph shall be rated in a rating category of "A" or its equivalent or better by a NRSRO.
- E. Bank deposits, including demand deposit accounts, savings account, and market rate accounts, time deposits, and certificates of deposit in financial institutions located in California. Bank deposits are required to be collateralized as specified under Government Code § 53630 et. seq. Agreements allowing for the waiver of the collateral requirement for that amount of deposit covered by the Federal Deposit Insurance Corporation may be implemented provided the remainder of the deposit is secured by collateral as required by the Government Code.
- F. Negotiable Certificates of Deposit. Negotiable certificates of deposit (NCD) issued by a nationally or state-chartered bank, a savings association or a federal association (as defined by Section 5102 of the Financial Code), a state or federal credit union, or by a federally licensed or state-licensed branch of a foreign bank. Purchases are limited to securities rated in a rating category of "A" (long-term) and/or "A-1" (short-term) or their equivalents or better by a NRSRO. NCD for which the full amount of the principal and the interest that may be accrued during the maximum term of each certificate is insured by federal deposit insurance are exempt from the rating requirements. A maximum of 30 percent of the portfolio may be invested in this category. The maximum investment maturity will be restricted to five years.
- G. Placement Service Deposits (PSD). Funds may be placed with a private sector entity that assists in the placement of deposit with eligible financial institutions located in the United States (CGC § 53601.8). The full amount of the principal and the interest that may be accrued during the maximum term of each PSD shall at all times be insured by federal deposit insurance. The maximum portfolio exposure to Placement Service Deposits is limited to 30 percent. The maximum investment maturity will be restricted to five years.
- H. Commercial paper of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a NRSRO. The entity that issues the commercial paper shall meet all of the following conditions in either paragraph (1) or paragraph (2):
- (1) The entity meets the following criteria:
 - (a) Is organized and operating in the United States as a general corporation;
 - (b) Has total assets more than five hundred million dollars (\$500,000,000);
 - (c) Has debt other than commercial paper, if any, that is rated in category of "A" or its equivalent or better by a NRSRO.

(2) The entity meets the following criteria:

- (a) Is organized within the United States as a special purpose corporation, trust, or limited liability company;
- (b) Has program wide credit enhancements including, but not limited to, over collateralization, letters of credit, or surety bond;
- (c) Has commercial paper that is rated in a rating category of "A-1" or better, or the equivalent, by a NRSRO.

Eligible commercial paper shall have a maximum maturity of 270 days or less. A maximum of 25 percent of the portfolio may be invested in this category with no more than 10 percent of the outstanding commercial paper of any single issuer.

I. Local Agency Investment Fund (LAIF) investment pool is a voluntary program created by statute as an investment alternative for California's local governments and special districts and is under the administration of the State Governor of California. All securities purchased by LAIF are under the authority of Government Code §16429 and §16480.4. As part of the Pooled Money Investment Account (PMIA), LAIF has oversight by the Pooled Money Investment Board (PMIB), and an in-house Investment Committee. LAIF also has oversight by the Local Agency Investment Advisory Board and is audited by the Bureau of State Audits on an annual basis. Investment in California LAIF cannot exceed the maximum deposit per agency limit as set by the Local Agency Investment Fund.

J. Local Government Investment Pools (LGIP). Shares of beneficial interest issued by a joint powers authority organized pursuant to Government Code § 6509.7. To be eligible for purchase, the pool must meet the requirements of CGC § 53601(p).

Whenever the IEUA has any fund invested in a LGIP, the CFO/AGM or the GM shall maintain on file a copy of the pools' current information statement to be reviewed on a periodic basis. Investment in LGIPs cannot exceed the maximum deposit limit as set by each LGIP.

K. Money Market Funds - Investing solely in U.S. Treasury securities and U.S. Government Agency securities, and repurchase agreements relating to the above obligations. To be eligible, these Money Market Funds must have met either of the following criteria: (A) Attained the highest ranking or the highest letter and numerical rating provided by not less than two NRSROs. (B) Retained an investment advisor with not less than five years of experience and registered or exempt from registration with the SEC, with assets under management more than five hundred million dollars (\$500,000,000). No more than 20 percent of the portfolio may be invested in Money Market Funds and with no more than 10 percent invested in any one money market mutual fund.

L. Repurchase Agreements - IEUA may invest in repurchase agreements with banks and dealers with which IEUA has entered into a master repurchase agreement which specifies terms and conditions of repurchase agreements.

- 1) Transactions shall be limited to the primary dealers and banking institutions rated in a rating category of "A" or its equivalent or better by a NRSRO, or with a financially stable banking institution which the Agency has substantial banking relationship. The maturity of repurchase agreements shall not exceed 90 days. The market value of securities used as collateral for repurchase agreements shall be monitored daily by the EMFA/AGM or GM and will not be allowed to fall below 102 percent of the value of the repurchase agreement plus the value of collateral more than the value of the repurchase agreement.

To conform with the Federal Bankruptcy Code which provides for the liquidation of securities held as collateral for repurchase agreements, the only securities acceptable as collateral shall be securities that are direct obligations of, or that are fully guaranteed as to principal and interest by the United States or any agency of the United States.

- 2) Not more than 40 percent of the portfolio may be invested in repurchase agreements and a security interest satisfactory to IEUA shall always be maintained in the securities subject to a repurchase agreement.

- M.** Medium Term Notes (MTN): MTNs defined as all corporate and depository institution debt securities with a maximum remaining maturity of five years or less, issued by corporations organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States. Purchases in this category shall not exceed 30 percent of the portfolio and must be rated in a rating category of "A" or its equivalent, or better by a NRSRO.
- N.** U.S. Instrumentalities (Supranational). United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank, with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Purchases are limited to securities that are rated in a rating category of "AA" or its equivalent or better by a ~~Nationally Recognized Statistical Rating Organization~~ (NRSRO). A maximum of 20 percent of the portfolio may be invested in United States Instrumentalities.

Ineligible Investments: Investments not described herein, including but not limited to, reverse repurchase agreements and common stocks are prohibited from use in this portfolio. This Investment Policy further specifically disallows investments in inverse floaters, range notes, or interest-only strips that are derived from a pool of mortgages, or any security that could result in zero interest accrual if held to maturity.

9.0 AUTHORIZED INVESTMENTS FOR BOND FUNDS

Bond funds shall be invested in the securities permitted pursuant to Board approved bond documents. If the bond documents are silent as to the permitted investments, bond funds will be invested in the securities permitted by this policy. Notwithstanding the other provisions of this Investment Policy, the dollar portfolio, percentage, and term limitations listed elsewhere in the Investment Policy do not apply to bond funds. In addition to the securities listed in Section 8.0 above, bond funds may be invested in a structured investment product if approved by the EMFA/AGM or GM.

10.0 SAFEKEEPING AND CUSTODY

As required by CGC §53601 all security transactions entered by IEUA shall be conducted on Delivery versus Payment basis. Delivery versus Payment or DVP basis means all securities purchased or acquired shall be delivered to IEUA by book entry, physical delivery, or ~~third-party~~ third-party custodial agreement. Investments in the state pool, local government investment pools, or money market funds are undeliverable, and therefore, not subject to the delivery or third-party safe keeping requirements.

11.0 DIVERSIFICATION

The Board of Directors recognize that investment risks can result from issuer defaults, market price changes, or various technical complications leading to temporary illiquidity. Portfolio diversification is employed to minimize these risks. Investment signatories are expected to display prudence in the selection and/or approval of securities, to minimize the risks present in the investment portfolio. No individual investment transaction shall be undertaken which jeopardizes the total capital position of the overall portfolio. To promote diversification, no more than 5% of the portfolio may be invested in the securities of any one issuer, regardless of security type; except for U.S. Treasuries, federal agencies, supranational, and pooled investments such as LAIF, money market funds, and local government investment pools.

The Board of Directors acknowledges that from time to time certain situations may arise during which strict adherence to an inflexible investment policy may be overly restrictive. On a case by case basis, the Board of Directors may consider any pertinent information of such situations and may, by minute action, modify or waive, within the constraints of CGC §53601 et seq., any of the provisions and/or restrictions of this Investment Policy.

The EMFA/AGM or the GM shall periodically establish diversification guidelines, within the context of this policy, and strategies to control any risks of default, market price changes, and illiquidity.

12.0 TRADING OF SECURITIES

A trade is the movement from one security to another and may be done for a variety of reasons, such as to increase yield, lengthen or shorten maturities, to take a profit, or to increase investment quality. The purchase and sale transaction and the sale transaction must each be recorded separately and any losses or gains on the sale must be recorded.

The EMFA/AGM or the GM may obtain competitive bids from at least two brokers or financial institutions on all purchases based on investment analysis recommended by staff about the investment policy guidelines. Competitive bids can be also obtained by other communication channels when necessary.

If the Agency has contracted with an investment advisor to provide investment service, the trading of the funds managed by the investment advisor will be performed by the investment advisor based on their established policies and procedure to evaluate and monitor the firms' credit worthiness, as well as their ability to perform the duties necessary for efficient trade execution. All trading activity conducted by the investment advisor shall be made in accordance with this Investment Policy and any written directions provided by the EMFA/AGM and/or GM.

13.0 MAXIMUM MATURITIES

Where no maturity limit is stated for an investment under Section 8.o, no investment shall be made in any security that at the time of the investment, has a term remaining to maturity more than five years unless the Board of Directors has granted express authority to make that investment either specifically or as part of a previous investment program, no less than three (3) months prior to the investment. Any investment currently held at the time the investment policy is adopted which does not meet the new policy guidelines will be held until ~~maturity, and maturity and~~ shall be exempt from the current policy. At the time of the investment's maturity or liquidation such funds shall be reinvested only as provided in the most current policy.

14.0 PORTFOLIO ~~DURATION-MATURITY~~ LIMITATION

The weighted average ~~duration-maturity~~ of the entire portfolio shall not exceed three (3) years.

15.0 MONITORING CREDIT RATINGS

The EMFA/AGM or the GM or the investment advisor shall monitor the ratings of all investments in their portfolios on a continuous basis. If an existing investment's rating drops below the minimum credit rating required for new investments made pursuant to this Investment Policy, the EMFA/AGM or the GM shall make a written recommendation to the Board as to whether this security should be held or sold prior to maturity.

16.0 REPORTING

The EMFA/AGM or the GM shall submit to each member of the Board of Directors a monthly investment report. This report will include the elements of the quarterly report as recommended by CGC §53646, to include:

- a. Type of investment
- b. Name of institution
- c. Date of maturity
- d. Amount of deposit or cost of the security and the par value
- e. Current market value of all securities
- f. Rate of interest/earnings (yield)
- g. A monthly list of transactions

CGC §53646(b)(2), (3) recommends that the investment report must include a statement that (i) all investment actions executed since the last investment report have been made in full compliance with the Investment Policy or a Board of Directors' minute action (waiver) and, that (ii) IEUA will meet its expenditure obligations for the next six months. The EMFA/AGM or the GM shall maintain a complete and timely record of all investment transactions in support of the above statement.

17.0 INTERNAL CONTROLS

The EMFA/AGM or the GM is responsible for establishing and maintaining a control structure designed to ensure that the assets of the IEUA are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived and (2) the valuation and benefits require estimates and judgments by management.

An annual independent review, or as needed to address recommended changes, by an external auditor to assure compliance with policies and procedures will be performed as part of the IEUA's annual audit.

18.0 PERFORMANCE STANDARDS

The investment portfolio shall be designed with the objective of obtaining a market rate of return throughout budgetary and economic cycles, commensurate with the investment risk constraints and the cash flow needs. To determine whether market rate of return is being achieved, the EMFA/AGM or the GM shall identify comparable benchmark(s) to the portfolio investment duration, (e.g. 90-day US Treasury Bill, 6-month US Treasury Bill, average LAIF yield rate).

If the Agency has contracted with an investment advisor to provide investment service, the investment performance of the managed funds shall be evaluated and compared to an appropriate benchmark to assess the success of the investment program relative to IEUA's safety, liquidity, return objectives.

This comparative analysis is included in investment report presented to the Board of Directors monthly.

19.0 POLICY REVIEW

This Investment Policy shall be reviewed regularly to ensure its consistency with the overall objectives of preservation of principal, liquidity, and return and its relevance to current law and financial and economic trends. The Board shall be responsible for maintaining guidance over this Investment Policy to ensure that IEUA can adapt readily to changing market ~~conditions, and conditions and~~ approve any modification to the Investment Policy prior to implementation.

20.0 STATE LAW

The legislated authority of the IEUA's investments is covered in Sections 53601, 53607, 53635, 53638, 53646, 53652, and 53653 of the Government Code. It is the policy of the IEUA to comply with the State laws governing its investments.

21.0 INVESTMENT POLICY ADOPTION

The Investment Policy shall be adopted by resolution of the Board of Directors of IEUA (A Municipal Water District). Moreover, the Policy shall be reviewed whenever there are recommended changes or annually, whichever occurs first, and modifications must be approved by the Board of Directors.

ADOPTED AND APPROVED:

Name: Paul Hofer
Title: President, Board of Directors
Date:

APPENDIX: GLOSSARY OF CASH MANAGEMENT TERMS

BOND PROCEEDS:

The money paid to the issuer by the purchaser or underwriter of a new issue of municipal securities. These moneys are used to finance the project or purpose for which the securities were issued and to pay certain costs of issuance as may be provided in the bond contract.

BROKER:

A broker acts as an intermediary between a buyer and seller for a commission and does not trade for his/her own risk and account or inventory.

CERTIFICATE OF DEPOSIT (CD):

A time deposit with a specific maturity evidenced by a certificate.

CERTIFICATE OF DEPOSIT ACCOUNT REGISTRY SYSTEM (CDARS):

A private CD placement service that allows local agencies to purchase more than \$250,000 in CDs from a single financial institution (must be a participating institution of CDARS) while still maintaining FDIC insurance coverage. CDARS is currently the only entity providing this service. CDARS facilitates the trading of deposits between the California institution and other participating institutions in amounts that are less than \$250,000 each, so that FDIC coverage is maintained.

COLLATERAL:

Securities, evidence of deposit or other property, which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

COMMERCIAL PAPER:

A short-term, unsecured, promissory note with a fixed maturity of no more than 270 days. By statute, these issues are exempt from registration with the U.S. Securities and Exchange Commission.

CREDIT RISK:

The risk to an investor that an issuer will default in the payment of interest and/or principal on a security and a loss will result.

CUSTODIAN:

A bank or other financial institution that keeps custody of stock certificates and other assets.

DEALER:

A dealer, as opposed to a broker, acts as a principal in all transaction, buying and selling for his own risk and account or inventory.

DELIVERY OF SECURITIES:

There are two methods of delivery of securities; *Delivery versus Payment* and *Delivery versus Receipt*. Delivery versus payment is delivery of securities with an exchange of money for the securities. Delivery versus receipt is delivery of securities with an exchange of signed receipt for the securities.

DIVERSIFICATION:

Dividing investment funds among a variety of securities offering independent returns.

DURATION:

A measure of the timing of the cash flows to be received from a given-fixed income security. This calculation is based on three variables: term to maturity, coupon rate, and yield to maturity. The duration of a security is a useful indicator of its price volatility for given changes in interest rates.

FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC): A federal agency that insures bank deposits.

FINANCIAL INDUSTRY REGULATORY AUTHORITY (FINRA):

The Financial Industry Regulatory Authority (FINRA) is the largest independent regulator for all securities firms doing business in the United States. All told, FINRA oversees ~~nearly 4,750~~ over 3,600 brokerage firms, about ~~167,000~~ 155,000 branch offices and approximately ~~634,000~~ 630,000 registered securities representatives.

INTEREST ONLY STRIPS:

The interest portion of a Treasury note or bond that has been stripped of its principal component through the commercial book-entry system.

INTEREST RATE RISK:

The risk of gain or loss in market values of securities due to changes in interest-rate levels. For example, rising interest rates will cause the market value of portfolio securities to decline.

INVERSE FLOATER:

Fixed income instrument whose coupon or interest rate is periodically reset according to a short-term rate index such as LIBOR, or prime rate. Unlike the traditional floating rate instrument, however, the inverse floater's rate is set equal to a fixed rate minus the short-term rate index.

INVESTMENT POLICY:

A clear and concise statement of the objectives and parameters formulated by an investor or investment manager for a portfolio of investment securities.

INVESTMENT PORTFOLIO:

A collection of securities held by a bank, individual, institution, or government agency for investment purposes.

LIQUIDITY:

~~The measure of an asset's ability to that can~~ be converted easily and rapidly into cash with minimum risk on principal.

LOCAL AGENCY INVESTMENT FUND (LAIF):

An investment pool managed by the California State Treasurer. Local government units, with consent of the governing body of that agency, may voluntarily deposit surplus funds for investment. Interest earned is distributed by the State Controller to the participating governmental agencies on a quarterly basis.

MARKET VALUE:

The price at which a security is currently being sold in the market. See FAIR VALUE.

MASTER REPURCHASE AGREEMENT:

A written contract covering all future transactions between the parties to repurchase agreements and reverse repurchase agreements that establish each party's rights in the transactions. A master agreement will often specify, among other things, the right of the buyer-lender to liquidate the underlying securities in the event of default by the seller-borrower.

MATURITY:

The date that the principal or stated value of a debt instrument becomes due and payable.

MEDIUM-TERM NOTES (MTNs):

Corporate notes, having any or of the features of corporate bonds and ranging in maturity from nine months out to thirty years. The difference between corporate bonds and MTNs is that corporate bonds are underwritten.

NATIONALLY RECOGNIZED STATISTICAL RATING ORGANIZATION (NRSRO):

A rating organization designated by the SEC as being nationally recognized, such as Moody's Investor Service, Inc. (Moody's), Standard & Poor's (S&P), and Fitch Ratings (Fitch).

NEGOTIABLE CERTIFICATES OF DEPOSIT:

Time deposits issued by Federal Deposit Insurance Corporation (FDIC) insured banks and are underwritten by the Financial Industry Regulatory Authority (FINRA) registered Broker/Dealers. Also known as "DTC Eligible CDs" or "Brokered Deposits", this type of deposit is offered to investors by issuing institutions looking to raise liquidity and funding through the wholesale and institutional markets.

PAR VALUE:

The amount of principal that must be paid at maturity. Also referred to as the face amount of a bond, normally quoted in increments of \$1,000 per bond.

PORTFOLIO:

~~The collection of securities held by an individual or institution.~~

PRIMARY DEALER:

A group of government securities dealers who submit daily reports of market activity and positions and monthly financial statements to the Federal Reserve Bank of New York and are subject to its informal oversight. Primary dealers include Securities and Exchange Commission (SEC)-registered securities broker/dealers, banks and a few unregulated firms.

PRINCIPAL:

The face or par value of a debt instrument or the amount of capital invested in a security.

PRUDENT PERSON RULE INVESTMENT STANDARD:

~~An investment standard.~~ The way a prudent person of discretion and intelligence would be expected to manage the investment program in seeking a reasonable income and preservation of capital.

RANGE NOTES:

Securities that accrue interest during an interest period at a fixed or variable rate if a specified index is within a specified range during a designated period or at a point in time. A Range Note may not bear interest if the specified index is outside the specified range.

RATE OF RETURN:

- 1) The yield which can be attained on a security based on its purchase price or its current market price.
- 2) Income earned on an investment, expressed as a percentage of the cost of the investment.

REPURCHASE AGREEMENT (RP OR REPO):

A holder of securities (e.g. investment dealer) sells these securities to an investor (e.g. the Agency) with an agreement to repurchase them at a fixed date. The security "buyer" (e.g. the Agency) in effect lends the "seller" money for the period of the agreement, and the terms of the agreement are structured to compensate the "buyer" for this. Dealers use RP extensively to finance their positions. Exception: When the Fed is said to be doing RP, it is lending money that is increasing bank reserves.

REVERSE REPURCHASE AGREEMENT (REVERSE REPO):

A counter party (e.g. investment dealer) buys the securities from the holder of securities (e.g. the Agency) with an agreement to sell them back at a fixed date. The counter party in effect lends the seller (e.g. the Agency) money for the period of the agreement with terms of the agreement structured to compensate buyer. Page 13

~~REVERSE REPURCHASE AGREEMENT (REVERSE REPO):~~

~~A counter party (e.g. investment dealer) buys the securities from the holder of securities (e.g. the Agency) with an agreement to sell them back at a fixed date. The counter party in effect lends the seller (e.g. the Agency) money for the period of the agreement with terms of the agreement structured to compensate buyer.~~

SAFEKEEPING:

A service banks offer to clients for a fee, where physical securities are held in the bank's vault for protection and book-entry securities are on record with the Federal Reserve Bank or Depository Trust Company in the bank's name for the benefit of the client. As agent for the client, the safekeeping bank settles securities transactions, collects coupon payments, and redeems securities at maturity or, if called, on the call date.

SECURITIES:

Investment instruments such as notes, bonds, stocks, money market instruments and other instruments of indebtedness of equity.

SECURITIES AND EXCHANGE COMMISSION (SEC):

Agency created by Congress to protect investors in securities transactions by administering securities legislation.

SECONDARY MARKET:

A market for the repurchase and resale of outstanding issues following the initial distribution.

SUPRANATIONALS:

International organizations whereby member states transcend national boundaries or interests to share in the decision-making process and vote on issues pertaining to the wider grouping.

TOTAL RETURN:

Total return, when measuring performance, is the actual rate of return of an investment or a pool of investments over a given evaluation period. Total return includes interest, capital gains, dividends and distributions realized over a given period.

TREASURY SECURITIES:

Securities issued as direct obligations of the U.S. Government and backed by the full faith and credit of the federal government.

WEIGHTED AVERAGE MATURITY (WAM):

The average maturity of all the securities that comprise a portfolio, typically expressed in days of years.

YIELD:

The annual rate of return on an investment expressed as a percentage of the investment. Income yield is obtained by dividing the current dollar income by the current market price for the security.

**INLAND EMPIRE UTILITIES AGENCY
OFFICE OF THE EXECUTIVE MANAGER OF FINANCE & ADMINISTRATION/AGM
OR GENERAL MANAGER
INVESTMENT ADVISOR**

The following investment advisor is authorized to provide investment services to the IEUA, in accordance with the IEUA's Investment Policy:

1. PFM Asset Management LLC – Contract Number 4600002440 Approved 12/20/2017

Exhibit B

**INLAND EMPIRE UTILITIES AGENCY
OFFICE OF THE EXECUTIVE MANAGER OF FINANCE & ADMINISTRATION/AGM
OR GENERAL MANAGER
Authorized Brokers/Dealers**

NONE

**ACTION
ITEM
2B**



Date: March 20, 2019 KCB
To: The Honorable Board of Directors **From:** Kirby Brill, Interim General Manager
Committee: Engineering, Operations & Water Resources 03/13/19
Finance & Administration 03/13/19
Executive Contact: Chris Berch, Executive Manager of Engineering/AGM
Subject: Chino Basin Program Preliminary Design Report Consulting Engineering Services

Executive Summary:

In July 2018, the California Water Commission approved a conditional funding in the amount of \$206.9M for the Chino Basin Program (CBP). In order to secure the final funding award, the completion of a Preliminary Design Report (PDR), institutional agreements, financial analysis, permits and environmental documentation are required. To initiate the PDR process, a Request for Proposals for consulting engineering services was issued in December 2018. The scope of work for the PDR development consists of the evaluation of the CBP goals; a conceptual design of advanced water treatment facilities, injection and extraction wells, wellhead treatment facilities, and a pipeline distribution system. In January 2019, nine proposals were received and evaluated by a seven-member review committee consisting of IEUA and four member agencies' staff. The committee interviewed six firms and selected Brown & Caldwell unanimously as the most qualified firm based on their qualifications, approach, and understanding of the CBP.

The proposed contract for Brown & Caldwell in the amount of \$3,978,506 will provide the engineering services for the PDR that will be utilized in the development of a Programmatic Environmental Impact Report for adoption. The completion of the PDR by mid 2020 will ensure that the conditional funding requirements are met by 2021.

Staff's Recommendation:

1. Award a consulting engineering services contract to Brown & Caldwell for the not-to-exceed amount of \$3,978,506;
2. Amend the total project budget for the Chino Basin Program from \$6.3M to \$15M for the planning phase through Fiscal Year 2021/22; and
3. Authorize the Interim General Manager to execute the contract, subject to non-substantive changes.

Budget Impact *Budgeted (Y/N):* Y *Amendment (Y/N):* Y *Amount for Requested Approval:* \$ 8,700,000

Account/Project Name:

The contract for the not-to-exceed amount of \$3,978,506 will be funded by Project No. PL19005 in the Water Resources (WW) fund.

Fiscal Impact *(explain if not budgeted):*

There will be no impact to the FY 2018/19 annual budget. However, the total project budget for the Chino Basin Program is requested to be increased from \$6.3M to \$15M for the CBP Pre-Design Services.

Prior Board Action:

On February 20, 2019, IEUA's Board of Directors approved the contract amendment to Means Consulting, Inc. for a not-to-exceed amount of \$189,514 for professional support services of the CBP.

On December 19, 2018, IEUA's Board of Directors approved the contract awards to GEI Consultants, Inc. and Water Systems Consulting, Inc. for a combined not-to-exceed amount of \$2,787,095 for professional support services of the CBP.

Environmental Determination:

Statutory Exemption

CEQA exempts a variety of projects from compliance with the statute. This project qualifies for a Statutory Exemption as defined in Section 15262 of the State CEQA Guidelines.

Business Goal:

The CBP supports IEUA's business goal of Water Reliability, of implementing an integrated water resources management plan providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

Attachments:

Attachment 1 - Background

Attachment 2 - Presentation

Attachment 3 - Consultant Contract

Date: March 20, 2019
To: The Honorable Board of Directors
From: Kirby Brill, Interim General Manager
Subject: Background Information Chino Basin Program Professional Contract Award

In November 2018, the IEUA Board established a planning budget of \$6.3M for the Chino Basin Program (CBP), subsequent to the conditional funding award from the California Water Commission (CWC) in the amount of \$206.9M. In order to secure the final funding agreement, a final report including refined project scope, environmental determination and institutional agreements need to be submitted to the CWC by 2020.

Consultant Selection: Nine proposals as response to the Agency’s Request for Proposal for the CBP Pre Design Services were received. With a committee selection staff including both IEUA and four IEUA member agency shortlisted and subsequently interviewed six firms; the selection committee unanimously selected Brown & Caldwell as the best qualified team for CBP.

Total CBP Budget: Staff has identified core planning activities to meet the conditions for the final funding award by 2021. In order to achieve the milestones and the funding conditions, the total project budget in the proposed FY 2020-2029 TYCIP is proposed to be increased to \$15M for anticipated expenditures through FY 2021/2022, as depicted in Table 1 below. Detailed activities are summarized in Table 2.

Table 1: Chino Basin Project Total Project Budget

CBP Total Project Budget	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Total Budget
Nov 2018 Board Authorization	\$3,000,000	\$3,300,000			\$6,300,000
Budget Amendment Request (Current Action)	\$300,000	\$3,250,000	\$2,575,000	\$2,575,000	\$8,700,000
Total CBP Project	\$3,300,000	\$6,550,000	\$2,575,000	\$2,575,000	\$15,000,000

Table 2: Chino Basin Program Planning Phase Activities through FY 2021/2022

CBP Planning Activity		FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Total Budget
Executed Contracts	1 Program Management (GEI)					\$1,953,680
	2 Outreach & Communication (WSC)					\$850,000
	3 Stakeholder Engagement (Means)					\$250,000
PDR Action	4 Preliminary Design Services					\$4,000,000
Budget for Future CBP Costs	5 Programmatic Environmental Impact Report					\$1,200,000
	6 CBWM Coordination OBMP Storage & Recovery CEQA					\$1,200,000
	7 Institutional Agreements Development (Strategy / Media)					\$500,000
	8 Staff (Assume 5 FT)					\$3,120,000
	9 Contingency (13%)					\$1,926,320
	10 Total					\$15,000,000



Preliminary Design Report Engineering Services Contract Award

Sylvie Lee
Manager of Planning & Environmental Resources

March 20, 2019





Chino Basin Program

Chino Basin Opportunity

So-Cal / Nor-Cal
Water Exchange
supports **water
optimization** – and
overarching benefits
from affordability to
environment and
water quality /
availability.



Oroville
Reservoir

to Bay Delta

*Withdrawals limited to 50 TAF over
3 consecutive years and no more than
7.5 cycles over 25 years.*



ADVANCED WATER
TREATMENT PLANT

Withdrawals will not impact
available water supplies locally.

- 2015 Technical Studies
- Aug 2017 - Proposition 1 Application Submitted
- Jul 2018 - CBP received conditional award \$206.9M
- Nov 2018 - IEUA Board established CBP Planning budget \$6.3 million
- Dec 2018 – CBP PDR Request for Proposals was issued



CBP Preliminary Design Report

1

- Understand the broad mutual needs amongst the stakeholders and assess the synergy to meet the CBP performance goals

2

- Provide conceptual design of advanced water treatment facilities, wells and wellhead treatment facilities, and pipeline distribution system

3

- Prepare a Preliminary Design Report consisting of final concepts and associated cost that will be utilized in developing Environmental Impact Reports and Institutional Agreements



Consultant Selection Process

Request for Proposal

Advertised on BidNet

Meetings with all firms

Response to questions



DEC 2018

Nine Proposals Received

- Arcadis
- Brown & Caldwell
- Carollo
- CDM Smith
- GHD
- Hazen & Sawyer
- Kennedy Jenks
- Parsons
- Tetra Tech

JAN 24, 2019

Proposal Evaluation

4 IEUA Staff

4 IEUA Agencies:

- Chino
- CVWD
- Ontario
- Upland

JAN 31, 2019

Interviews

6 Firms were invited

Panel:
4 IEUA Staff
Chino
Ontario



FEB 6, 2019

Consultant Selection

Unanimous Selection

Most qualified

Brown & Caldwell

FEB 6, 2019

Contract Award

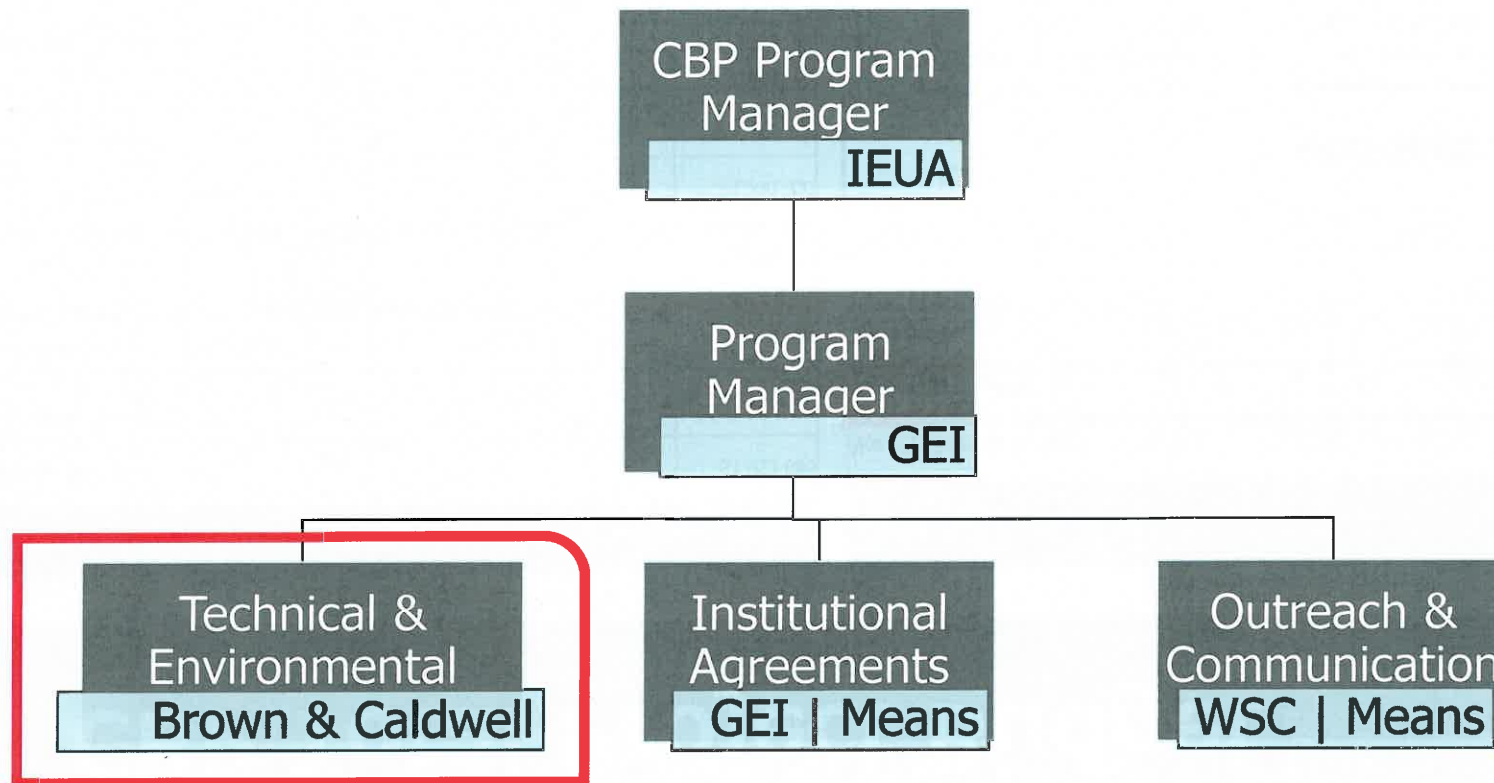
If approved, PDR will be completed by March 2020



MAR 20, 2019



Chino Basin Team

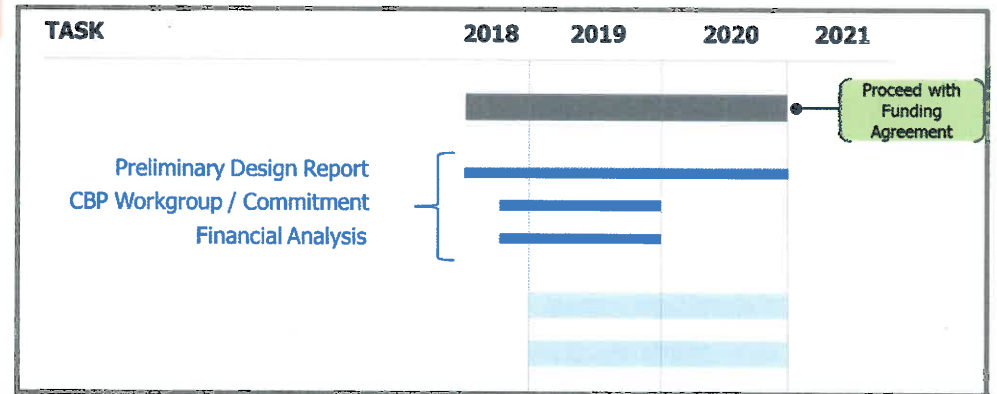




CBP Total Project Budget

	CBP Planning Activity	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Total Budget
Executed Contracts	1 Program Management (GEI)					\$1,953,680
	2 Outreach & Communication (WSC)					\$850,000
	3 Stakeholder Engagement (Means)					\$250,000
PDR Action	4 Preliminary Design Services					\$4,000,000
Budget for Future CBP Costs	5 Programmatic Environmental Impact Report					\$1,200,000
	6 CBWM Coordination OBMP Storage & Recovery CEQA					\$1,200,000
	7 Institutional Agreements Development (Strategy / Media)					\$500,000
	8 Staff (Assume 5 FT)					\$3,120,000
	9 Contingency (13%)					\$1,926,320
	10 Total					\$15,000,000

CBP Total Project Budget	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Total Budget
Nov 2018 Board Authorization	\$3,000,000	\$3,300,000			\$6,300,000
Budget Amendment Request	\$300,000	\$3,250,000	\$2,575,000	\$2,575,000	\$8,700,000
Total CBP Project	\$3,300,000	\$6,550,000	\$2,575,000	\$2,575,000	\$15,000,000





Staff Recommendation

*CBP supports IEUA's business goal of **Water Reliability**, of implementing an integrated water resources management plan providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.*

1. Award CBP PDR engineering services contract to **Brown & Caldwell** for the not-to-exceed amount of \$3,978,506 and authorize the Interim General Manager to execute the contract, subject to non-substantive changes.
2. Increase the CBP Total Project Budget from \$6.3M to \$15M.



CONTRACT NUMBER: 4600002697

FOR

CHINO BASIN PROGRAM PRELIMINARY DESIGN REPORT

THIS CONTRACT (the "Contract"), is made and entered into this ____ day of _____, _____, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter interchangeably referred to as "IEUA" and "Agency") and Brown and Caldwell, with offices located in Irvine, California (hereinafter referred to as "Consultant"), for consulting services in support of the Chino Basin Program Preliminary Design Report.

NOW, THEREFORE, in consideration of the mutual promises and obligations set forth herein, the parties agree as follows:

1. **PROJECT MANAGER ASSIGNMENT:** All technical direction related to this Contract shall come from the designated Project Manager. Details of the Agency's assignment are listed below.

Project Manager: Liza Muñoz, Senior Engineer
Address: 6075 Kimball Avenue
Chino, California 91708

Telephone: (909) 993-1522
Facsimile: (909) 993-1982
Email: lmuñoz@ieua.org

2. **CONSULTANT ASSIGNMENT:** Special inquiries related to this Contract and the effects of this Contract shall be referred to the following:

Consultant: Andrew Lazenby, PE
Address: 18500 Von Karman Avenue, Suite 1100
Irvine, California 92612

Telephone: (714) 730-7600
Email: alazenby@brwnald.com

3. ORDER OF PRECEDENCE: The documents referenced below represent the Contract Documents. Where any conflicts exist between the General Terms and Conditions, or addenda attached, then the governing order of precedence shall be as follows:
- A. Amendments to Contract Number 4600002697
 - B. Contract Number 4600002697 General Terms and Conditions.
 - C. Project Manager's Request for Proposal, RFP-JV-18-009 (**Exhibit A**)
 - D. Consultant's Proposal dated January 24th, 2019.
4. SCOPE OF WORK AND SERVICES: Consultant's services and responsibilities shall be in accordance with Project Manager's Request for Proposal, RFP-JV-18-009, as outlined in **Exhibit A** which is referenced herein, attached hereto, and made a part hereof (hereinafter "Work").
5. FAMILIARITY WITH SCOPE OF WORK: By execution of this Agreement, Consultant represents that:
- (1) It has investigated and considered the scope of the Work under this Agreement to be performed, based on all available information provided in the RFP; and
 - (2) It carefully considered how the Work should be performed; and
 - (3) It understands the difficulties and restrictions attending the performance of the Work under this Agreement; and
 - (4) It has the professional and technical competency to perform the Work and the production capacity to perform the Work in a timely manner in accordance with the Contract and applicable standard of care.
6. TERM: The term of this Contract shall extend from the date of the Notice to Proceed and terminate on December 1, 2020, unless agreed to by both parties, reduced to writing, and amended to this Contract.
7. COMPENSATION: Agency shall pay Consultant's once-monthly, properly-executed invoice, approved by the Project Manager, within thirty (30) days following receipt of the invoice by IEUA. Invoices shall include the name of assigned personnel, fully-burdened hourly billing rate, dates worked, a brief description of work, as well as the Contract Number 4600002697 for payment. Payment shall be withheld for any service which does not meet Agency requirements or have proven unacceptable until such service is revised, the invoice resubmitted and accepted by the Project Manager. Consultant's original invoice shall be submitted electronically to apgroup@ieua.org.

In compensation for the Work represented by this Contract, Agency shall pay Consultant NOT-TO-EXCEED a maximum total of **\$3,978,506.00** for all services provided in accordance with **Exhibit A**, referenced herein, attached hereto, and made a part hereof.

Agency may, at any time, make changes to the Scope of Work, including additions, reductions, and changes to any or all of the Work, as directed in writing by the Agency. Such changes shall be made by an Amendment to the Contract. Any changes shall be made by a written Amendment to the Contract. Consultant's invoice must be submitted according to milestones achieved by Consultant and accepted by the Agency's Project Manager, and shall include a breakdown by items completed, all associated labor provided, labor hours supplied and associated hourly rates, dates worked, the current monthly amount due, and the cumulative amount invoiced to-date against this Contract, using the Agency's standard Excel-based invoicing template **Exhibit B**. Invoice shall not be submitted in advance and shall not be dated earlier than the actual date of submittal. A copy of subject Excel invoicing template shall be furnished by the Agency's Project Manager.

8. CONTROL OF THE WORK: The Consultant shall perform the Work in compliance with the Work Schedule. If performance of the Work falls behind schedule, the Consultant shall accelerate the performance of the Work to comply with the Work Schedule as directed by the Project Manager. If the nature of the Work is such that Consultant is unable to accelerate the Work, Consultant shall promptly notify the Project Manager of the delay, the causes of the delay, and submit a proposed revised Work Schedule.

9. FITNESS FOR DUTY:

A. Fitness: Consultant on the Jobsite:

1. shall report for work in a manner fit to do their job;
2. shall not be under the influence of or in possession of any alcoholic beverages or of any controlled substance (except a controlled substance as prescribed by a physician so long as the performance or safety of the Work is not affected thereby); and
3. shall not have been convicted of any serious criminal offense which, by its nature, may have a discernible adverse impact on the business or reputation of Agency.
4. Compliance: Consultant shall advise all Consultant and subcontractor personnel and associated third parties of the requirements of this Contract ("Fitness for Duty Requirements") before they enter on the Jobsite and shall immediately remove from the Jobsite any employee determined to be in violation of these requirements. Consultant shall impose these requirements on its Subcontractors. Agency may cancel the Contract if Consultant violates these Fitness for Duty Requirements.

10. INSURANCE: During the term of this Contract, the Consultant shall maintain at Consultant's sole expense, the following insurance.

A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

1. Commercial General Liability (CGL): Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required claim limit.
2. Automobile Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Consultant has no owned autos, covering hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. Professional Liability (Errors and Omissions): Insurance appropriate to the Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

B. Deductibles and Self-Insured Retention: Any deductibles or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Agency, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expenses.

C. Other Insurance Provisions: The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverage
 - a. Additional Insured Status: The Agency, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or

both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).

- b. Primary Coverage: The Consultant's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Agency, its officer, officials, employees and volunteers. Any insurance or self-insurance maintained by the Agency, its officers, officials, employees, volunteers, property owners or engineers under contract with the Agency shall be excess of the Consultant's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Agency, its officers, officials, employees or volunteers.
- d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- e. The Consultant may satisfy the limit requirements in a single policy or multiple policies. Any such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

2. Workers' Compensation and Employers Liability Coverage

Except for professional liability, the insurer hereby grants to Agency a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Agency by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Agency has received a waiver of subrogation endorsement from the insurer.

3. All Coverages

Each insurance policy required by this contract shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days prior written notice by regular mail, has been given to the Agency. Consultant will notify in the event of reduction in coverage or limits required by this Agreement.

- D. Acceptability of Insurers: All insurance is to be placed with insurers with a current A.M. Best's rating of no less than A-:VII, and who are admitted insurers in the State of California.

- E. Verification of Coverage: Consultant shall furnish the Agency with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Agency before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The Agency reserves the right to require copies of all required insurance policies, provided confidential information shall be redacted, including endorsements required by these specifications, at any time.
- F. Submittal of Certificates: Consultant shall submit all required certificates and endorsements to the following:

Inland Empire Utilities Agency, a Municipal Water District
Attn: Angela Witte
P.O. Box 9020
Chino Hills, California 91709

11. LEGAL RELATIONS AND RESPONSIBILITIES

- A. Professional Responsibility: The Consultant shall be responsible, to the level of competency presently maintained by other practicing professionals performing the same or similar type of work.
- B. Status of Consultant: The Consultant is retained as an independent Consultant only, for the sole purpose of rendering the services described herein, and is not an employee of the Agency.
- C. Observing Laws and Ordinances: Subject to the standard of care in Professional Responsibility, the Consultant shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect the conduct of any services or tasks performed under this Contract, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. The Consultant shall at all times observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees, and shall protect and indemnify, as required herein, the Agency, its officers, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Consultant or its employees.
- D. Subcontract Services: Any subcontracts for the performance of any services under this Contract shall be subject to the written approval of the Project Manager. For this project subcontractor list law shall apply.
- E. Grant-Funded Projects: This project is grant-funded. [*For Federal/State grant/loan-funded projects, the Consultant shall be responsible to comply with all grant requirements related to the Project. These may include, but shall not be limited to:*

*Davis-Bacon Act, Endangered Species Act, Executive Order 11246 (Affirmative Action Requirements), Equal Opportunity, Disadvantaged Business Enterprise (DBE) Requirements, Competitive Solicitation, Record Retention and Public Access to Records, and Labor Compliance and Compliance Review. Federal funds have additional requirements. Please reference the flow-down requirements attached hereto and made a part hereof as **Exhibit C.**]*

- F. Conflict of Interest: No official of the Agency who is authorized in such capacity and on behalf of the Agency to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving this Contract, or any subcontract relating to services or tasks to be performed pursuant to this Contract, shall become directly or indirectly personally interested in this Contract.

Consultant understands and acknowledges that executing this Agreement may inhibit the Consultant from engaging in future contracts, jobs, or agreements with the Agency that is, or can be considered, related to the Scope of Work due to a potential conflict of interest.

- G. Equal Opportunity and Unlawful Discrimination: During the performance of this Contract, the Consultant shall not unlawfully discriminate against any employee or employment applicant because of race, color, religion, sex, age, marital status, ancestry, physical or mental disability, sexual orientation, veteran status or national origin. The Agency is committed to creating and maintaining an environment free from harassment and discrimination. To accomplish these goals the Agency has established procedures regarding the implementation and enforcement of the Agency's Harassment Prohibition and Equal Employment Opportunity commitments. Please refer to IEUA Policies A-29 (Equal Employment Opportunity) and A-30 Harassment Prohibition for detailed information or contact the Agency's Human Resources Administrator. A copy of either of these Policies can be obtained by contacting the Project Manager for your respective Contract. Please advise any of your staff that believes they might have been harassed or discriminated against while on Agency property, to report said possible incident to either the Project Manager, or the Agency's Human Resources Administrator. Please be assured that any possible infraction shall be thoroughly investigated by the Agency.

- H. Non-Conforming Work and Representation: Consultant represents that the Work and Documentation shall conform to the specifications described in the Contract. For a period of not less than one (1) year after acceptance of the completed Work, Consultant shall, at no additional cost to Agency, correct any and all errors in and nonconforming Work or Documentation, regardless of whether any such errors or non-conforming Work or Documentation is brought to the attention of Consultant by Agency, or any other person or entity. Consultant shall within three (3) calendar days, correct any error or non-conforming Work that renders the Work or Documentation dysfunctional or unusable and shall correct other errors within thirty (30) calendar days after Consultant's receipt of notice of the error. Upon request of Agency, Consultant shall correct any such error deemed important by Agency in its

sole discretion to Agency's continued use of the Work or Documentation within seven (7) calendar days after Consultant's receipt of notice of the error. If the Project Manager rejects all or any part of the Work or Documentation as unacceptable and agreement to correct such Work or Documentation cannot be reached without modification to the Contract, Consultant shall notify the Project Manager, in writing, detailing the dispute and reason for the Consultant's position. Any dispute that cannot be resolved between the Project Manager and Consultant shall be resolved in accordance with the provisions of this Contract. The Consultant's liability with respect to any claims arising out of the Work and the Consultant shall bear no liability whatsoever for any consequential loss, injury or damage incurred by the Agency, including but not limited to, claims for loss of use, loss of profits and loss of markets.

I. Disputes:

1. All disputes arising out of or in relation to this Contract shall be determined in accordance with this section. The Consultant shall pursue the work to completion in accordance with the instruction of the Agency's Project Manager notwithstanding the existence of dispute. By entering into this Contract, both parties are obligated, and hereby agree, to submit all disputes arising under or relating to the Contract, which remain unresolved after the exhaustion of the procedures provided herein, to independent arbitration. Except as otherwise provided herein, arbitration shall be conducted under California Code of Civil Procedure Sections 1280, et. seq, or their successor.
2. Any and all disputes during the pendency of the work shall be subject to resolution by the Agency Project Manager and the Consultant shall comply, pursuant to the Agency Project Manager instructions. If the Consultant is not satisfied with any such resolution by the Agency Project Manager, they may file a written protest with the Agency Project Manager within seven (7) calendar days after receiving written notice of the Agency's decision. Failure by Consultant to file a written protest within seven (7) calendar days shall constitute waiver of protest, and acceptance of the Agency Project Manager's resolution. The Agency's Project Manager shall submit the Consultant's written protests to the General Manager, together with a copy of the Agency Project Manager's written decision, for his or her consideration within seven (7) calendar days after receipt of said protest(s). The General Manager shall make his or her determination with respect to each protest filed with the Agency Project Manager within ten (10) calendar days after receipt of said protest(s). If Consultant is not satisfied with any such resolution by the General Manager, they may file a written request for arbitration with the Project Manager within seven (7) calendar days after receiving written notice of the General Manager's decision.

3. In the event of arbitration, the parties hereto agree that there shall be a single neutral Arbitrator who shall be selected in the following manner:
 - a. The Demand for Arbitration shall include a list of five names of persons acceptable to the Consultant to be appointed as Arbitrator. The Agency shall determine if any of the names submitted by Consultant are acceptable and, if so, such person shall be designated as Arbitrator.
 - b. In the event that none of the names submitted by Consultant are acceptable to Agency, or if for any reason the Arbitrator selected in Step (a) is unable to serve, the Agency shall submit to Consultant a list of five names of persons acceptable to Agency for appointment as Arbitrator. The Consultant shall, in turn, have seven (7) calendar days in which to determine if one such person is acceptable.
 - c. If after Steps (a) and (b), the parties are unable to mutually agree upon a neutral Arbitrator, the matter of selection of an Arbitrator shall be submitted to the San Bernardino County Superior Court pursuant to Code of Civil Procedure Section 1281.6, or its successor. The costs of arbitration, including but not limited to reasonable attorneys' fees, shall be recoverable by the party prevailing in the arbitration. If this arbitration is appealed to a court pursuant to the procedure under California Code of Civil Procedure Section 1294, et. seq., or their successor, the costs of arbitration shall also include court costs associated with such appeals, including but not limited to reasonable attorneys' fees which shall be recoverable by the prevailing party.
4. Joinder in Mediation/Arbitration: The Agency may join the Consultant in mediation or arbitration commenced by a subcontractor on the Project pursuant to Public Contracts Code Sections 20104 et seq. Such joinder shall be initiated by written notice from the Agency's representative to the Consultant.

12. INDEMNIFICATION: Consultant shall indemnify the Agency, its directors, employees and assigns, and shall defend and hold them harmless from all liabilities, demands, actions, claims, losses and expenses, including reasonable attorneys' fees, which arise out of or are related to the negligence, recklessness or willful misconduct of the Consultant, its directors, employees, agents and assigns, in the performance of work under this Contract, to the extent caused by Consultant's negligence or willful misconduct. Notwithstanding the foregoing, to the extent that this Contract includes design professional services under Civil Code Section 2782.8, as may be amended from time to time, such duties of Consultant to defend and to indemnify Agency shall only be to the full extent permitted by Civil Code Section 2782.8.

13. OWNERSHIP OF MATERIALS AND DOCUMENTS/CONFIDENTIALITY: The Agency retains ownership of any and all partial or complete reports, drawings, plans, notes, computations, lists, and/or other materials, documents, information, or data prepared by the Consultant and/or the Consultant's subcontractor(s) pertaining to this Contract. Any modifications or reuse of such materials for purposes other than those intended by the Contract shall be at the Agency's sole risk and without liability to Consultant and Agency shall indemnify and hold harmless Consultant, its officers, directors, employees and subconsultants against all losses and damages, costs and expense, including attorneys' fees, arising out of or related to any such alteration or unauthorized use. Said materials and documents are confidential and shall be available to the Agency from the moment of their preparation, and the Consultant shall deliver same to the Agency whenever requested to do so by the Project Manager and/or Agency. The Consultant agrees that same shall not be made available to any individual or organization, private or public, without the prior written consent of the Agency.
14. TITLE AND RISK OF LOSS:
- A. Documentation: Title to the Documentation shall pass to Agency when prepared; however, a copy may be retained by Consultant for its records and internal use. Consultant shall retain such Documentation in a controlled access file, and shall not reveal, display or disclose the contents of the Documentation to others without the prior written authorization of Agency or for the performance of Work related to the Project.
 - B. Material: Title to all Material, field or research equipment, and laboratory models, procured or fabricated under the Contract shall pass to Agency when procured or fabricated, and such title shall be free and clear of any and all encumbrances. Consultant shall have risk of loss of any Material or Agency-owned equipment of which it has custody.
 - C. Disposition: Consultant shall dispose of items to which Agency has title as directed in writing by the Agreement Administrator and/or Agency.
15. PROPRIETARY RIGHTS:
- A. Rights and Ownership: Agency's rights to inventions, discoveries, trade secrets, patents, copyrights, and other intellectual property, including the Information and Documentation, and revisions thereto (hereinafter collectively referred to as "Proprietary Rights"), used or developed by Consultant in the performance of the Work, shall be governed by the following provisions:
 - 1. Proprietary Rights conceived, developed, or reduced to practice by Consultant in the performance of the Work shall be the property of Agency, and Consultant shall cooperate with all appropriate requests to assign and transfer same to Agency.

2. If Proprietary Rights conceived, developed, or reduced to practice by Consultant prior to the performance of the Work are used in and become integral with the Work or Documentation, or are necessary for Agency to have complete enjoyment of the Work or Documentation, Consultant shall grant to Agency a non-exclusive, irrevocable, royalty-free license, as may be required by Agency for the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation.
3. If the Work or Documentation includes the Proprietary Rights of others, Consultant shall procure, at no additional cost to Agency, all necessary licenses regarding such Proprietary Rights so as to allow Agency the complete enjoyment of the Work and Documentation, including the right to reproduce, correct, repair, replace, maintain, translate, publish, use, modify, copy or dispose of any or all of the Work and Documentation and grant sublicenses to others with respect to the Work and Documentation. All such licenses shall be in writing and shall be irrevocable and royalty-free to Agency.

B. No Additional Compensation: Nothing Set forth in this Contract shall be deemed to require payment by Agency to Consultant of any compensation specifically for the assignments and assurances required hereby, other than the payment of expenses as may be actually incurred by Consultant in complying with this Contract.

16. INFRINGEMENT: Consultant represents that the Work and Documentation shall be free of any claim of trade secret, trade mark, trade name, copyright, or patent infringement or other violations of any Proprietary Rights of any person. Consultant shall defend, indemnify and hold harmless, Agency, its officers, directors, agents, employees, successors, assigns, servants, and volunteers free and harmless from any and all liability, damages, losses, claims, demands, actions, causes of action, and costs including reasonable attorney's fees and expenses arising out of any claim that use of the Work or Documentation infringes upon any trade secret, trade mark, trade name, copyright, patent, or other Proprietary Rights.

Consultant shall, at its expense and at Agency's option, refund any amount paid by Agency under the Contract, or exert its best efforts to procure for Agency the right to use the Work and Documentation, to replace or modify the Work and Documentation as approved by Agency so as to obviate any such claim of infringement, or to put up a satisfactory bond to permit Agency's continued use of the Work and Documentation.

17. NOTICES: Any notice may be served upon either party by delivering it in person, or by depositing it in a United States Mail deposit box with the postage thereon fully prepaid, and addressed to the party at the address set forth below:

Agency: Warren T. Green
Manager of Contracts
Inland Empire Utilities Agency, a Municipal Water District
P.O. Box 9020
Chino Hills, California 91709

Consultant: Andrew Lazenby, PE
Project Manager
18500 Von Karman Avenue, Suite 1100
Irvine, California 92612

Any notice given hereunder shall be deemed effective in the case of personal delivery, upon receipt thereof, or, in the case of mailing, at the moment of deposit in the course of transmission with the United States Postal Service.

18. SUCCESSORS AND ASSIGNS: All of the terms, conditions and provisions of this Contract shall inure to the benefit of and be binding upon the Agency, the Consultant, and their respective successors and assigns. Notwithstanding the foregoing, no assignment of the duties or benefits of the Consultant under this Contract may be assigned, transferred or otherwise disposed of without the prior written consent of the Agency; and any such purported or attempted assignment, transfer or disposal without the prior written consent of the Agency shall be null, void and of no legal effect whatsoever.
19. PUBLIC RECORDS POLICY: Information made available to the Agency may be subject to the California Public Records Act (Government Code Section 6250 et seq.) The Agency's use and disclosure of its records are governed by this Act. The Agency shall use its best efforts to notify Consultant of any requests for disclosure of any documents pertaining to this work.
- In the event of litigation concerning disclosure of information Consultant considers exempt from disclosure, (e.g., "Confidential," "Proprietary" or "Trade Secret,") Agency shall act as a stakeholder only, holding the information until otherwise ordered by a court or other legal process. If Agency is required to defend an action arising out of a Public Records Act request for any of the information Consultant has marked "Confidential," "Proprietary" or "Trade Secret," Consultant shall defend and indemnify Agency from all liability, damages, costs, and expenses, including attorneys' fees, in any action or proceeding arising under the Public Records Act.
20. CERTIFICATION UNDER LABOR CODE SECTION 1861 BY CONSULTANT: I, the undersigned Consultant, am aware of the provisions of Section 3700 et seq. of the Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of the Code, and I, the undersigned Consultant, agree to and will comply with such provisions before commencing the performance of the work of this Agreement.

21. RIGHT TO AUDIT: The Agency reserves the right to review and/or audit all Consultant's records related to the Work. The option to review and/or audit may be exercised during the term of the Contract, upon termination, upon completion of the Contract, or at any time thereafter up to twelve (12) months after termination of the Contract. The Consultant shall make all records and related documentation available within three (3) working days after said records are requested by the Agency.
22. INTEGRATION: The Contract Documents represent the entire Contract of the Agency and the Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered by the Contract Documents. This Contract may not be modified, altered or amended except by written mutual agreement by the Agency and the Consultant.
23. GOVERNING LAW: This Contract is to be governed by and constructed in accordance with the laws of the State of California, County of San Bernardino.
24. TERMINATION FOR CONVENIENCE: The Agency reserves and has the right to immediately suspend, cancel or terminate this Contract at any time upon written notice to the Consultant. In the event of such termination, the Agency shall pay Consultant for all authorized and Consultant-invoiced services up to the date of such termination.
25. FORCE MAJEURE: Neither party shall hold the other responsible for the effects of acts occurring beyond their control; e.g., war, riots, strikes, natural disasters, etcetera.
26. NOTICE TO PROCEED: No services shall be performed or furnished under this Contract unless and until this document has been properly signed by all responsible parties and a Notice to Proceed order has been issued to the Consultant.
27. AGENCY-PROVIDED INFORMATION AND SERVICES: The Agency shall furnish Consultant available studies, reports and other data pertinent to Consultant's services; obtain or authorize Consultant to obtain or provide additional reports and data as required; furnish to Consultant services of others required for the performance of Consultant's services hereunder, all subject to Agency's prior approval, and Consultant shall be entitled to use and rely upon all such information and services provided by the Agency or others in performing Consultant's services under this Agreement.
28. ESTIMATES AND PROJECTIONS: Consultant has no control over the cost of labor, materials, equipment or services furnished by others, or unknown or latent conditions of existing equipment or structures, and time or quality of performance by third parties. Data and cost projections are based on Consultant's opinion based on experience and judgment. Consultant cannot and does not guarantee that actual base unit quantities realized and/or costs will not vary from the data and cost projections prepared by Consultant and Consultant does not and will not be liable to and/or any third party in the future. However, nothing herein shall relieve Consultant from liability for its failure to perform the work to the standard of skill and care expected of a consultant under the same or similar circumstances.

IN WITNESS WHEREOF, the parties hereto have caused the Contract to be entered as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)

BROWN AND CALDWELL:

Kirby Brill
Interim General Manager

(Date)

Michael Puccio, P.E.
Vice President

(Date)

[Remainder of Page Intentionally Left Blank]

**ACTION
ITEM
2C**



Date: March 20, 2019

To: The Honorable Board of Directors

From: Kirby Brill, Interim General Manager KB

Committee: Engineering, Operations & Water Resources

03/13/19

Finance & Administration

03/13/19

Executive Contact: Shaun Stone, Acting Executive Manager of Engineering/AGM

Subject: RP-5 Expansion Design Contract Amendment

Executive Summary:

In June 2017, the design of the Regional Water Recycling Plant No. 5 Expansion (RP-5) began. To date, the project design team has completed the 30% design, 50% design, and provided a draft 90% design. To better improve on the findings of the Preliminary Design Report (PDR), the project design team has identified potential modifications to the design that will result in reduced construction cost, improved operations, or reliable maintenance of RP-5. The amendment includes six tasks: Fine Screens Relocation, Increased Digester Capacity, Return Activated Sludge (RAS) Pump Station Physical Model, Tagging of Existing RP-5 Equipment, additional Soils Corrosion Analysis, and additional Geotechnical Evaluations. Details of the amendment including discussions on impacts to design, construction, cost, and schedule are provided in Attachment 1 - Background.

If the amendment is approved, the additional design fee is \$495,979, which will increase Parsons design contract amount from \$18,055,231 to \$18,551,210 resulting in an amendment ratio of 3.1%. To include these amendments in the design, the project design team will require an additional three months with final design being completed in September 2019 and the construction bid beginning in October 2019.

Staff's Recommendation:

1. Approve a consulting engineering services contract amendment for the RP-5 Expansion, Project Nos. EN19001 and EN19006, to Parsons Water and Infrastructure Inc., in the amount of \$495,979; and
2. Authorize the Interim General Manager to execute the consulting engineering services contract amendment, subject to non-substantive changes.

Budget Impact *Budgeted (Y/N):* Y *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

EN19001/RP-5 Liquids Treatment Expansion
EN19006/RP-5 Solids Treatment Facility

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

On November 20, 2018, the Board of Directors awarded the Membrane Bio-Reactor Preselection Agreement.

On May 17, 2017, the Board of Directors approved a contract amendment for the design to Parsons Water & Infrastructure, Inc. for the not-to-exceed amount of \$17,993,680.

On March 15, 2017, the Board of Directors adopted the RP-1 & RP-5 Expansion Preliminary Design Report.

Environmental Determination:

Program Environmental Impact Report (Finding of Consistency)

Staff is currently completing a Finding of Consistency with IEUA's Program Environmental Impact Report and has completed CEQA Plus evaluation for potential SRF Loan Funding.

Business Goal:

The RP-5 Liquids Treatment Expansion Project is consistent with the Agency's Business Goal of Wastewater Management specifically the Water Quality objective that IEUA will ensure that Agency systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

Attachments:

Attachment 1 - Background

Attachment 2 - PowerPoint

Attachment 3 - Design Amendment

Attachment 1

Background

Subject: RP-5 Expansion Design Contract Amendments

In March 2017, the IEUA Board of Directors approved the findings of the RP-1/RP-5 Expansion Preliminary Design Report (PDR). The PDR outlined a process of pre-selecting major pieces of equipment to ensure these met specific qualifications required by IEUA and outlined the progression of the design. In May 2017, the IEUA Board of Directors approved the consulting engineering services contract amendment for the RP-5 Expansion Design to Parsons Water & Infrastructure Inc. (Parsons). In June 2017, the project design team began work on the project and to date has completed the 30% design, 50% design, and provided a draft 90% design. To better improve on the findings of the Preliminary Design Report (PDR), the project design team has identified potential modifications to the design that will result in reduced construction cost, improved operations, or reliable maintenance of RP-5. The amendment includes six tasks: Fine Screens Relocation, Increased Digester Capacity, Return Activated Sludge (RAS) Pump Station Physical Model, Tagging of Existing RP-5 Equipment, Soils Corrosion Analysis, and additional Geotechnical Evaluations. Details of these six amendments including discussions on impacts to design, construction, cost, and schedule are provided below.

FINE SCREENS RELOCATION

Design Scope of Work: Task 1 – Develop and Evaluate Fine Screen Alternative Locations
Task 2 – Prepare Detailed Hydraulic Calculations
Task 3 – Evaluate Preliminary Design of Fine Screen Building
Task 4 – Prepare Final Design of New Location

Justification: The PDR originally had the fine screens located between the coarse screens and grit removal system. As the project team began working with the fine screen manufacturers in detail, concern was raised about the longevity of the fine screen seal in an environment with a large amount of grit and the potential impacts to the frequency of maintenance to replace the seal. The PDR had not placed the fine screens downstream of the grit removal system, because this would require additional pumping of all facility flow. Further evaluation was required to propose simple modifications to the primary clarifier influent diversion box to allow the hydraulics of the facility to be maintained without additional pumping. Estimated O&M cost savings is \$100,000 per year. In addition, this amendment includes the evaluation of removing the fine screens building and replacing with a canopy structure.

Design Amendment Value: \$69,442

Construction Cost Savings: \$600,000 – Approximate construction cost savings for replacing the fine screens building with a canopy structure. Construction cost to relocate the fine screens structure from upstream to downstream of grit removal is negligible.

INCREASED DIGESTER CAPACITY

Design Scope of Work: Task 1 – Develop and Evaluate Digester Alternatives
Task 2 – Prepare Final Design of Larger Digesters

Justification: The PDR originally sized the digesters for 1.5 million gallons (MG) of capacity to treat the biosolids of the service area. If the capacity of the digesters is increased to 1.65 MG, this will provide additional capacity for 30,000 gallons per day (gpd) of additional sludge flow. This additional treatment capacity can allow for organics diversion at the RP-5 Solids Treatment Facility and provide flexibility for the operations and maintenance of the RP-5 Solids Handling Facility. In addition, it is extremely difficult to gain this capacity in the future while maintaining an integral design of the facility.

Design Amendment Value: \$180,415

Construction Cost: \$2,900,000 – Approximate construction cost for additional materials to increase the digester capacity from 1.5 MG to 1.65 MG for four digesters, additional heating equipment, and additional gas cleaning/conveyance systems.

RETURN ACTIVATED SLUDGE (RAS) PUMP STATION PHYSICAL MODEL

Design Scope of Work: Task 1 – Coordination and Data Transfer with Modeler
Task 2 – Development of Physical Model

Justification: The RAS pump station will have a peak design flow rate of 180 MGD. For pump stations this large, the Hydraulic Institute of America recommends building a physical model to ensure hydraulic conditions are not created that would render the pump station inoperable. Since the RAS pump station is integral to the Membrane Bio-Reactor (MBR) Basin, the pump station cannot be easily modified in the future. A 1 to 5 physical model of the RAS pump station will be constructed and operated at various flow rates to ensure no issues are encountered.

Design Amendment Value: \$83,657

Construction Cost: \$0 – If adverse hydraulic conditions are created, the design will be modified to eliminate the condition.

TAGGING OF EXISTING RP-5 EQUIPMENT

Design Scope of Work: Task 1 – Develop Process Control Narratives (PCN's) for Existing Equipment
Task 2 – Develop P&ID's for Existing Equipment

Justification: As part of the RP-5 Expansion Project, IEUA's existing equipment tagging structure needed to be modified to allow for unique tag names for complex mechanical systems, such as the Membrane Bio-Reactor. The existing equipment is currently tagged on the old methodology, which would result in two naming conventions at the end of the project. To ensure the project is completed with one uniform system and to create one complete document set (record drawings, PCN's

P&ID's, programming, O&M manuals, and SOP's) based on one structure, the existing equipment needs to be tagged in the new system.

Design Amendment Value: \$44,309

Construction Cost: \$200,000 – Approximate Cost for the system integrator to program tags for existing equipment in the Supervisory Control and Data Acquisition system.

SOILS CORROSION ANALYSIS

Design Scope of Work: Task 1 – Provide Corrosion Assessment
Task 2 – Provide Design of Corrosion Control Systems

Justification: The geotechnical evaluation for this project identified that on-site soils in certain areas could be corrosive to buried metal pipes. The soils could be classified as severely corrosive to buried metal pipes based on the results of soil resistivity from the lab soil analyses. Due to the corrosive soil conditions, it is recommended to prepare a corrosion assessment report and provide design for corrosion protection of metal pipelines to be constructed for this project.

Design Amendment Value: \$49,990

Construction Cost: Corrosion protection systems have been included in the current cost estimate. This will be adjusted based upon the results of the corrosion assessment report.

ADDITIONAL GEOTECHNICAL EVALUATION

Design Scope of Work: Task 1 – Conduct Physical Survey and Utility Research
Task 2 – Complete Field Borings
Task 3 – Complete Laboratory Testing
Task 4 – Complete Geotechnical Report

Justification: The proposed overflow pipeline from the RP-5 Influent Pump Station to the Emergency Overflow Pond will be constructed approximately 35 feet below grade. Instead of constructing the pipeline by an open trench, it has been proposed to tunnel the pipeline along the west side of the Emergency Storage Basin (ESB), which would result in substantial construction cost savings. Additional borings along the ESB are required to ensure this proposed method of construction is viable. In addition, borings will be conducted at Prado Golf Course for a new pump station and at the northeast corner of RP-5 for organics diversion tanks.

Design Amendment Value: \$68,166

Construction Cost Savings: \$300,000 – Approximate construction cost savings for installing the overflow pipeline through tunneling compared to trenching.

SCHEDULE

To include this amendment in the design, the project design team will require an additional 3 months of design. The project schedule is adjusted below:

RP-5 Expansion Project Schedule	Date
RP-5 Expansion 90% Design	May 2019
RP-5 Expansion Final Design	September 2019
RP-5 Expansion Construction Bid	October 2019
RP-5 Expansion Board Award	March 2020
RP-5 Solids Treatment Facility Construction Completion	March 2023
RP-5 Liquids Treatment Expansion Construction Completion	December 2024

FISCAL IMPACT

The total value of this amendment is \$495,979, with the task breakdown shown in the table below:

Amendment	Value
Fine Screens Relocation	\$69,442
Increased Digester Capacity	\$180,415
RAS Pump Station Physical Model	\$83,657
Tagging of Existing RP-5 Equipment	\$44,309
Soils Corrosion Analysis	\$49,990
Additional Geotechnical Evaluations	\$68,166
TOTAL	\$495,979

This amendment will increase Parsons' design contract amount from 18,055,231 to \$18,551,210. The amendment value is within the budgeted design contingency. The engineer's construction cost estimate for the 50% design submittal is 283,886,000; however this includes optional additive items (such as UV disinfection), a conservative 20% contingency, and costing to the mid-point of construction. Upon receipt of the engineer's construction cost estimate for the 90% design submittal, the project team will conduct a cost containment workshop to ensure the project maintains the construction budget of \$269,000,000 and the overall combined project budgets for the RP-5 Liquids Treatment Expansion (EN19001) and RP-5 Solids Treatment Facility (EN19006) of \$325,000,000.

Attachment 2

RP-5 Expansion Project Design Contract Amendment

Project Nos. EN19001/EN19006



Shaun J. Stone, P.E.
March 2019

Fine Screens Relocation



RP-5 Headworks

- Scope: Evaluate Feasibility of Relocating Fine Screens Downstream of Grit Removal
- Justification: Improves Long Term Operations and Maintenance
- Amendment Amount: \$69,442

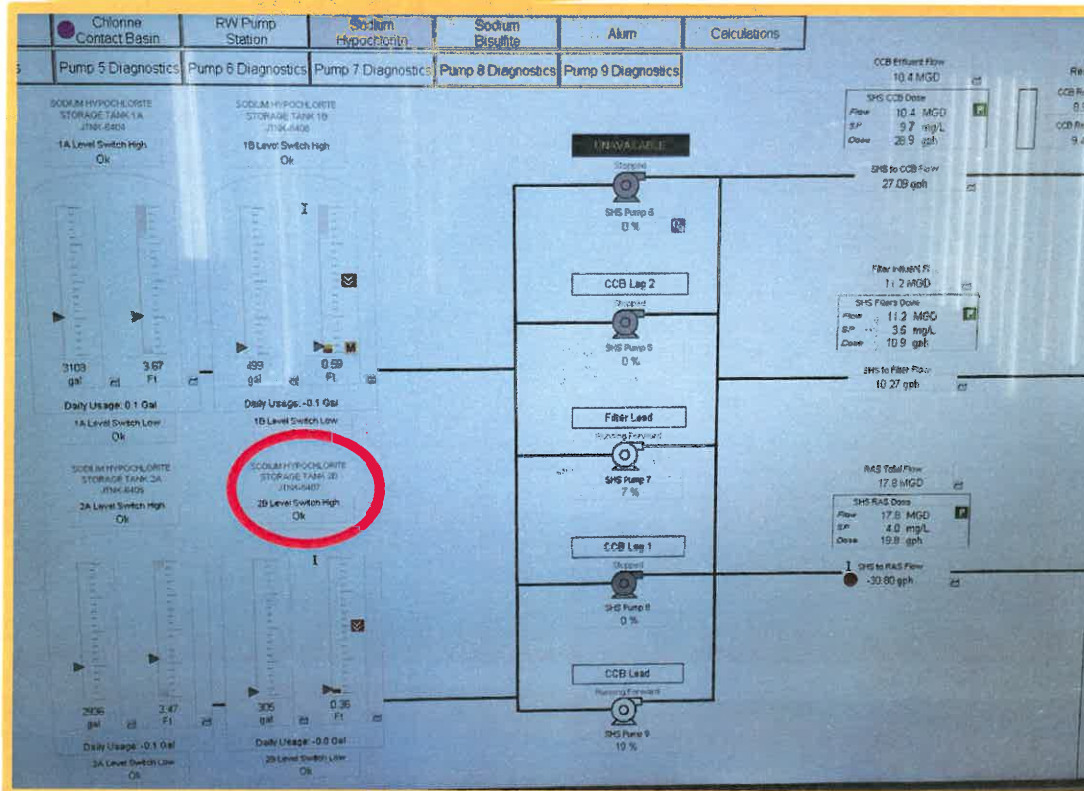
Increased Digester Capacity



RP-5 Digesters

- Scope: Increase Digester Capacity from 1.5 MG to 1.65 MG
- Justification: Provides Operational Flexibility and Allows for Organics Diversion (Future Regulations)
- Amendment Amount: \$180,415

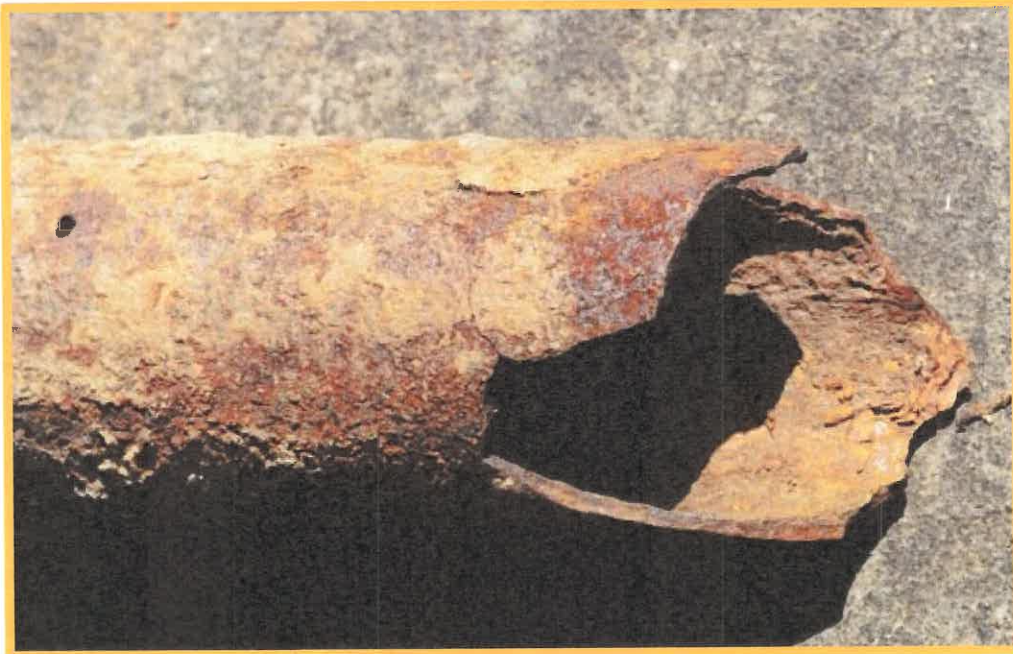
Tagging of Existing Equipment



RP-5 SCADA Screen with Old Tagging

- Scope: Tag Existing Equipment with New Tagging Structure
- Justification: RP-5 will have One Cohesive Tagging System Improving Operations and Maintenance
- Amendment Amount: \$44,309

Soils Corrosion Analysis



Example of Extremely Corroded Pipe

- Scope: Provide Design of Corrosion Prevention Systems
- Justification: Geotechnical Report Identified Corrosive Soils at Site
- Amendment Amount: \$49,990


Additional Geotechnical Evaluation



Influent Pump Station Overflow Pipeline Location

- Scope: Provide additional Geotechnical Evaluation for Overflow Pipeline, Prado Golf Course, and Organics Tanks
- Justification: Reduced Construction Cost to Allow Tunneling Versus Trenching
- Amendment Amount: \$68,166

RP-5 Expansion Project Budget & Schedule

Description	Estimated Cost
Design Services	\$26,063,680
Consultant Design Contract	\$18,551,210
Design Amendment Cost	\$495,979 
Other Design Services (3%)	\$7,574,021
Construction Services	\$24,210,000
Engineering Services During Construction (3%)	\$8,070,000
Other Construction Services (6%)	\$16,140,000
Construction	\$269,000,000
Construction (estimate)	\$245,000,000
Contingency (~10%)	\$24,000,000
Total Project Cost:	\$319,273,680
Total Project Budget:	\$325,000,000

Project Milestone	Date
Design	
 Consultant Design Contract Award	May 2017
 30% Design Completion	December 2017
 50% Design Completion	July 2018
90% Design Completion	May 2019
Final Design Completion	September 2019
Construction	
Construction Bid Phase	October 2019
Construction Contract Award	March 2020
Solids Facility Completion	March 2023
Liquids Construction Completion	December 2024

Recommendation

- Approve a consulting engineering services contract amendment for the RP-5 Expansion, Project Nos. EN19001 and EN19006, to Parsons Water and Infrastructure Inc., in the amount of \$495,979; and
- Authorize the Interim General Manager to execute the consulting engineering services contract amendment, subject to non-substantive changes.

The RP-5 Liquids Treatment Expansion Project is consistent with **IEUA's Business Goal of Wastewater Management** specifically the Water Quality objective that IEUA will ensure that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

Attachment 3



CONTRACT AMENDMENT NUMBER: 4600002042-006
CONSULTING ENGINEERING SERVICES
FOR
RP-5 LIQUIDS TREATMENT SYSTEM EXPANSION,
AND RP-5 SOLIDS TREATMENT FACILITY SERVICES

THIS CONTRACT AMENDMENT SIX is made and entered into this _____ day of _____, 2019, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter referred to interchangeably as "IEUA" and "Agency") and Parsons Water & Infrastructure Inc. with offices located in Pasadena, California (hereinafter referred to as "Consultant") to provide professional design engineering services in support of Projects EN19001 and EN19006 (previously EN16025 and EN16028), and shall herein revise the Contract as amended:

SECTION 6., PAYMENT, INVOICING AND COMPENSATION, IS HEREBY AMENDED TO ADD THE FOLLOWING: Contract value is increased by \$495,979.00 as per SAP Purchase Requisition 10048147, **increasing the Contract's total NOT-TO-EXCEED maximum adjusted amount to \$21,038,797.**

ALL OTHER PROVISIONS OF THIS CONTRACT REMAIN UNCHANGED.

WITNESSETH, that the parties hereto have mutually covenanted and agreed as per the above amendment item, and in doing so have caused this document to become incorporated into the Contract documents.

INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)

PARSONS WATER & INFRASTRUCTURE INC.:

Kirby Brill (Date)
Interim General Manager

Satish Kamath 02/27/19

Satish Kamath, P.E., BCEE (Date)
Vice President, Program Director

[Balance Of This Page Intentionally Left Blank]

**INFORMATION
ITEM
3A**



Date: March 20, 2019

To: The Honorable Board of Directors

From: Kirby Brill, Interim General Manager 

Committee: Finance & Administration

03/13/19

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Fiscal Year 2018/19 Second Quarter Budget Variance, Performance Goal Updates, and Budget Transfers

Executive Summary:

The Budget Variance report presents the Agency's financial performance through the second quarter ended December 31, 2018 and various related analyses are provided in the attachments.

The Agency's total revenue and other funding sources were \$114.4 million, or 81.5 percent of the year to date budget of \$140.4 million. Unfavorable variance is due to lower than anticipated grants and loan receipts which are dependent upon capital project expenditures.

The Agency's total expenses and uses of funds were \$110.7 million, or 78.1 percent of the \$141.7 million year to date budget. Timing of capital project execution and certain professional service primarily accounts for the positive variance.

The net change of the total revenues and other funding sources over the total expenses and other uses of funds for this quarter is an increase of \$3.7 million.

Staff's Recommendation:

The Fiscal Year (FY) 2018/19 second quarter budget variance, performance goals updates, and budget transfers is an informational item for the Board of Directors to receive and file.

Budget Impact *Budgeted (Y/N): Y* *Amendment (Y/N): Y* *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

The net change of the total revenues and other funding sources over the total expenses and other uses of funds is an increase of \$3.7 million for the quarter ended December 31, 2018.

Prior Board Action:

None

Environmental Determination:

Not Applicable

Business Goal:

The quarterly budget variance report is consistent with the Agency's business goal of fiscal responsibility to demonstrate the Agency has appropriately funded operational, maintenance, and capital costs.

Attachments:

Attachment 1 - Background

Exhibit A- Q2 Budget Variance Summary Report

Exhibit A- Q2 Budget Variance Detail Report

Exhibit B- Business Goals and Objectives Report by Initiatives

Exhibit C-1 Summary of Annual Budget Transfers in the second quarter

Exhibit C-2 Summary of the GM Contingency account activity

Exhibit D- Project Budget transfers for capital & non-capital projects

Attachment 2 - PowerPoint

Background

Subject: Fiscal Year 2018/19 Second Quarter Budget Variance, Performance Goals Updates, and Budget Transfers

The Budget Variance report presents the Agency's financial performance through the second quarter ending December 31, 2018, includes the following highlights:

TOTAL REVENUES AND OTHER FUNDING SOURCES

Overall, the Agency's total revenue and other funding sources were \$114.4 million, or 81.5 percent of the year to date budget of \$140.4 million for the quarter ended December 31, 2018 (Exhibit A detail). The following section highlights key variances:

- **Recycled Water Sales** – Total recycled water direct sales were \$5.5 million for 11,468 acre feet (AF) and groundwater recharge sales were \$3.5 million for 6,115 acre feet (AF), for a combined total of \$9.0 million and 17,583 AF. Total deliveries of 36,700 AF (23,000 AF Direct and 13,700 AF Recharge) were budgeted for the fiscal year. Deliveries year to date are just under 50 percent of budget. Sales demand for direct use and groundwater recharge varies depending on weather patterns, water use conservation efforts, reuse supply, and basin availability. Current wet winter conditions may impact future deliveries due to less demand for recycled water and reduced recharged deliveries to the groundwater basins.
- **MWD Imported Water Sales** – Total Metropolitan Water District (MWD) pass-through imported water revenue was \$27.5 million or 127.9 percent of year to date budget for total deliveries of 39,657 AF compared to the annual budgeted quantity of 50,000 AF. The high demand was mainly due to some member agencies shift to imported water use and away from local supplies due to water quality issues.
- **Cost Reimbursement from JPA** – Total cost reimbursements were \$3.0 million, or 100.2 percent of the year to date budget. Actuals include reimbursements of \$1.9 million from the Inland Empire Regional Composting Authority (IERCA) and \$0.5 million from Chino Basin Desalter Authority (CDA) for the Agency's operation & maintenance of the IERCA Composter and CDA Desalter facilities. Also included is \$0.6 million for the operations & maintenance costs related to the groundwater recharge basins, net of the Agency's pro-rata share for recycled water recharge costs.
- **Property Taxes** – Tax receipts at the end of the second quarter were \$18.9 million or 79.3 percent of the amended budget. General ad-valorem property tax receipts from the San Bernardino County Tax Assessor were \$18.8 million and “pass-through” incremental taxes (formerly redevelopment incremental taxes) received were \$0.1 million. Property tax receipts are budgeted based on valuation projected by the county, increased home sales, and anticipated adjustments in property tax distribution due to the dissolution of the redevelopment agencies.

- **Connection Fees** – Total connection fees of \$10.6 million or 64.5 percent of the year to date budget, includes \$7.7 million for new regional system connections (equivalent dwelling unit, EDU), and \$2.9 million for new water connections (meter equivalent unit, MEU). The number of new connections reported through the end of second quarter were 1,173 EDUs compared to the annual budget of 4,000 EDUs and 941 MEUs compared to the 4,000 budgeted MEUs.
- **Grants & Loans** – Total grant and loan receipts were \$0.9 million, or 4.2 percent of the year to date budget. Included is \$23 thousand of grant receipts for the groundwater recharge conjunctive use project for stormwater capture and \$0.2 million of grant receipts and \$0.7 million of State Revolving Fund (SRF) loan for the regional water quality laboratory. Loan proceeds budgeted in the Recharge Water and Regional Wastewater Operations and Maintenance programs are anticipated in the remainder of the fiscal year. Grants and loan receipts are primarily reimbursable in nature and as such are dependent upon related capital project expenditures.
- **Project Reimbursements and Other Revenues** – Total other revenues and project reimbursements were \$1.8 million, or 144.1 percent of the \$0.6 million of the year to date budget. Actual receipts include \$0.6 million from Chino Basin Watermaster (CBWM) for their share of the 2008B Variable Rate Bond debt service and fixed project costs, \$0.6 million in lease revenues, \$0.4 million gain on investments, and \$0.2 million on project reimbursements.

TOTAL EXPENSES AND USES OF FUNDS

The Agency's total expenses and uses of funds were \$110.7 million, or 78.1 percent of the \$141.7 million year to date budget, including the budget amendment for open encumbrances carried forward from the prior fiscal year and approved by the Board on September 19, 2018.

In accordance with Agency Policy A-81 (Fiscal Year Carry Forward Encumbrances and Related Budget), carry forward encumbrances, commitments and related budget not expended by December 31st are subject to cancellation unless approved by Executive Management. At the end of December 31, 2018, unspent carry forward was \$11.8 million of which \$6.6 million was extended and \$5.2 million was returned as shown in Table 1.

Table 1: FY 2017/18 Carry Forward Status

	Capital & Special Projects	O&M	Total
Carried Forward-September 2018	\$14,243,204	\$2,223,534	\$16,466,738
Remaining Carry Forward subject to Reversal	\$10,322,407	\$1,490,034	\$11,812,441
Carry Forward Requested for Extension	\$5,603,545	\$1,013,795	\$6,617,341
Encumbrance Returned – January 2019	\$4,718,862	\$476,239	\$5,195,100

Other key expense variance highlights for the quarter ending December 31, 2018 include;

Administrative Expenses

- **Professional Fees & Services** – Total expenses were \$3.3 million, or 56.7 percent of the year to date budget. The positive variance can be attributed to the timing of contracts and services that are anticipated in future quarters, such rehabilitation of clarifiers and aeration basins; repairs and calibration of critical compliance equipment and treatment process; and contractor and consultant support for project management and administrative services.
- **O&M (Non-capital) Projects** – O&M and reimbursable project costs were \$4.7 million or 29.0 percent of their combined year to date budget. The favorable balance is mainly due to lower spending for water and drought related projects such as the Santa Ana River Conservation & Conjunctive Use Program (SARCCUP), CBWM Pomona Extensometer, Collection System Asset Management and Agency-Wide Aeration Panel Replacement projects.

Operating Expenses

- **Biosolids Recycling** – Total biosolids expenses were \$1.8 million or 76.2 percent of the year to date budget. Biosolids budget includes costs for hauling and disposal of biosolids and non-biological materials. Year to date tonnage of the agency's biosolids generated from all its water recycling facilities shipped to IERCA was 32,784 tons with a blended rate of \$56.00 per ton.
- **Utilities** – Total utilities expenses were \$4.6 million of the \$4.6 million year to date budget. This category includes the purchase of electricity from Southern California Edison (SCE), natural gas, and renewable energy generated on site from solar and wind. Through the second quarter, the average rate for imported electricity ranged between \$0.11/kWh and \$0.1265/kWh compared to the budgeted rate of \$0.125/kWh.
- **MWD Water Purchases** – Total Metropolitan Water District of Southern California (MWD) pass-through imported water purchases was \$27.5 million or 127.9 percent of year to date budget for total deliveries of 39,657 AF compared to the annual quantity of 50,000 AF. The shift by some member agencies to imported water use from local supplies due to water quality issues accounts for the higher deliveries.

Non-Operating Expenses

- **Capital Projects** – Total capital project expenditures through the end of the second quarter were \$22.1 million or 50.1 percent of the year to date amended budget of \$44.2 million which includes \$4.4 million of capital budget carried forward (*net of return*) from FY 2017/18. The lower than anticipated expenditures are primarily due to contractor delays, design recommendation reviews, extended request for proposals and related contract award delays. Capital project costs related to the Regional Wastewater program through the second quarter were \$18.6 million, or 36 percent of the \$52.3 million annual program

budget. Recycled water capital projects accounted for \$1.9 million, or 12 percent of the \$16.2 million annual program budget.

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

FUND BALANCES AND RESERVES

The net change of the total revenues and other funding sources over the total expenses and other uses of funds for this quarter is an increase of \$3.7 million.

Table 1 provides an overview of the fiscal year budget variance in revenues, expenses, and fund balance.

**Table 1: Fiscal Year and Year to Date (YTD)
Revenues, Expenses, and Fund Balance (\$Millions)
Quarter Ending December 31, 2018**

Operating	FY 2018/19 Amended Budget	Budget YTD	Actual YTD	% Budget Used YTD
Operating Revenue	\$154.1	\$77.1	\$82.1	106.5%
Operating Expense	(\$172.0)	(\$86.0)	(\$75.7)	88.0%
Net Operating Increase/(Decrease)	(\$17.9)	(\$8.9)	\$6.4	
Non- Operating				
Non-Operating Revenue	\$126.6	\$63.3	\$32.3	51.0%
Non-Operating Expense	(\$111.4)	(\$55.7)	(\$35.0)	62.9%
Net Non-Operating Incr./ (Decrease)	\$15.2	\$7.6	(\$2.7)	
Total Sources of Funds	\$280.7	\$140.4	\$114.4	81.5%
Total Uses of Funds	(\$283.4)	(\$141.7)	(\$110.7)	78.1%
Total Net Increase/(Decrease)	(\$2.7)	(\$1.3)	\$3.7	

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 fourth quarter. The goals and objective indicators are used to track the volume and complexity of work by type and to track the effort invested to accomplish that work. Staff use the performance indicators to track productivity and to justify current resource allocations, re-allocation and requests for additional staff.

BUDGET TRANSFERS AND AMENDMENTS

Intra-fund O&M budget transfers for the second quarter accounted for \$0.2 million as detailed in Exhibit C-1.

Intra-fund Capital and O&M projects budget transfers accounted for approximately \$2.6 million as listed in Exhibit D.

The *General Manager (GM) Contingency Account* adopted budget of \$300,000 in the Administrative Services Fund, utilized \$163,000 in the second quarter to support unplanned but necessary expenses as listed in Exhibit C-2.

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.

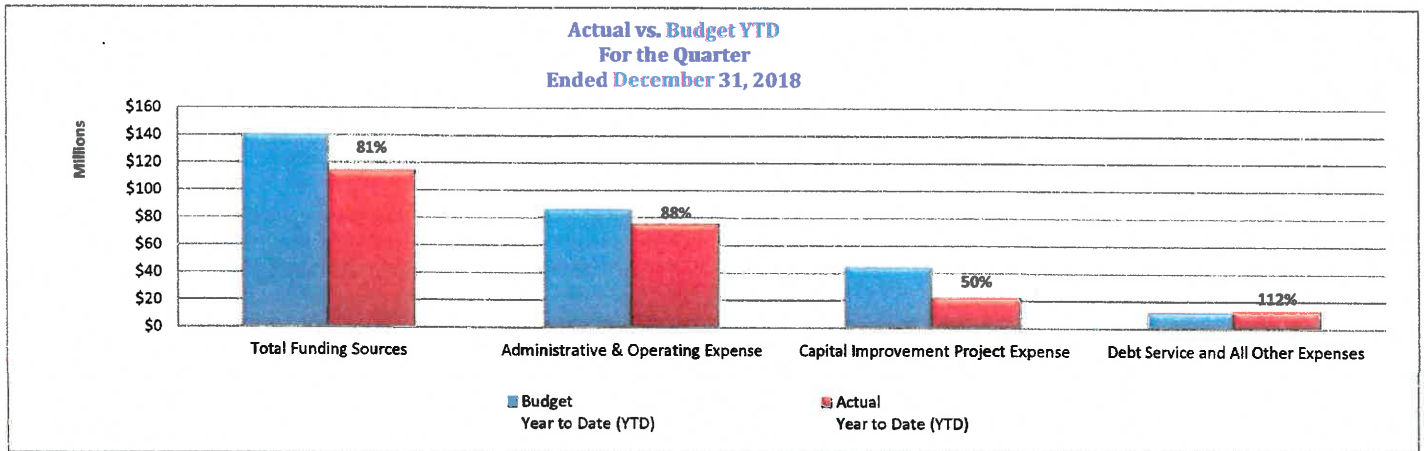
IMPACT ON BUDGET

The net change of the total revenues and other funding sources over the total expenses and other uses of funds for this quarter is an increase of \$3.7 million.

I. Actual vs. Budget Summary:

Quarter Ended December 31, 2018

	Amended Budget	Budget Year to Date (YTD)	Actual Year to Date (YTD)	Budget YTD vs. Actual	% of Budget Used YTD
Operating Revenues	\$154,107,576	\$77,053,789	\$82,100,221	\$5,046,432	106.5%
Non-Operating (Other Sources of Fund)	126,618,589	63,309,296	32,284,377	(31,024,919)	51.0%
TOTAL FUNDING SOURCES	280,726,165	140,363,085	114,384,598	(25,978,487)	81.5%
Administrative & Operating Expense	(172,055,169)	(86,027,585)	(75,671,732)	10,355,853	88.0%
Capital Improvement Project Expense	(88,322,587)	(44,161,294)	(22,122,452)	22,038,842	50.1%
Debt Service and All Other Expenses	(23,066,807)	(11,533,404)	(12,894,169)	(1,360,765)	111.8%
TOTAL USES OF FUNDS	(283,444,563)	(141,722,283)	(110,688,353)	31,033,930	78.1%
Surplus/(Deficit)	(\$2,718,398)	(\$1,359,198)	\$3,696,245	\$5,055,443	



2. Actual Revenue vs. Budget:

Quarter Ended December 31, 2018

	Amended Budget	Budget Year to Date (YTD)	Actual Year to Date (YTD)	Budget YTD vs. Actual	% of Budget Used YTD
Operating Revenues:					
User Charges	\$84,243,779	\$42,121,890	\$41,992,563	(\$129,327)	99.7%
Recycled Water Sales	18,188,000	9,094,000	9,017,937	(\$76,063)	99.2%
MWD Water Sales	42,996,000	21,498,000	27,494,895	\$5,996,895	127.9%
Cost Reimbursement	6,083,947	3,041,974	3,047,742	\$5,768	100.2%
Interest	2,595,850	1,297,925	547,084	(\$750,841)	42.2%
OPERATING REVENUES	154,107,576	77,053,789	82,100,221	5,046,432	106.5%
Non-Operating Revenues:					
Property Tax - Debt, Capital, Reserves	\$47,887,800	\$23,943,900	\$18,985,644	(\$4,958,256)	79.3%
Connection Fees	32,911,999	16,456,000	10,614,918	(\$5,841,082)	64.5%
Grants & Loans	43,367,567	21,683,784	917,661	(\$20,766,123)	4.2%
Other Revenue	2,451,224	1,225,612	1,766,154	\$540,542	144.1%
NON-OPERATING REVENUES	126,618,590	63,309,296	32,284,377	(31,024,919)	51.0%
Total Revenues	\$280,726,166	\$140,363,085	\$114,384,598	(\$25,978,487)	81.5%

- User Charges, 99.7%** User charges were \$41.9 million, or 99.7 percent of the year to date budget. The category includes \$33.5 million monthly sewer charges based on equivalent dwelling units (EDU), \$5.3 million non-reclaimable wastewater fees paid by industrial and commercial users connected to the brine line system, and \$3.1 million of monthly meter equivalent unit charges (MEU) imposed on all potable water connections, and Readiness-to-Serve Ten Year Rolling Average (RTS TYRA) charges to meet our Readiness-to-Serve obligation to Metropolitan Water District (MWD).
- Property Tax/ AdValorem, 79.3%** Tax receipts at the end of the quarter were \$18.9 million or 79.3% of the amended budget. General ad-valorem property tax receipts from the San Bernardino County Tax Assessor were \$18.8 million and "pass through" incremental Redevelopment Agencies (RDA) taxes were \$0.1 million. Property tax receipts are budgeted based on valuation projected by the county, increased home sales, and anticipated adjustments in property tax distribution due to the dissolution of the redevelopment agencies.
- Recycled Water Sales, 99.2%** Recycled water direct sales were \$5.5 million for 11,468 acre feet (AF) and groundwater recharge sales were \$3.5 million for 6,115 acre feet (AF), for a combined total of \$9.0 million or 17,583 AF. Total deliveries of 36,700 AF (23,000 AF Direct and 13,700 AF Recharge) were budgeted for the fiscal year. Sales demand for direct use and groundwater recharge varies depending on weather patterns, water use conservation efforts, reuse supply, and basin availability. Current wet winter condition may impact future deliveries due to less demand for recycled water and reduced recharged deliveries to the groundwater basins.
- Interest Income, 42.2%** Interest Income is \$0.5 million or 42.2 percent of the year to date budget. The Agency earns interest income by investing funds not immediately required for daily operations. The Agency's average portfolio yield as of December 2018 was 2.434% and continues to increase as a result of rising market rates and more active management of the Agency's investment portfolio. Budgeted interest rate assumption at 1.5% is now below the actual yield but the basis was calculated based on the Agency's overall fund balance which is higher than the agency's portfolio.
- MWD Water Sales, 127.9%** Total Metropolitan Water District of Southern California (MWD) pass-through imported water revenue was \$27.5 million or 127.9 percent of year to date budget. Imported water deliveries at 39,657 AF compared to the annual budgeted quantity of 50,000 AF. The high demand was mainly due to some member agencies shift to imported water away from local supplies due to water quality issues.

Connection Fees, 64.5% Total connection fee receipts of \$10.6 million or 64.5 percent of the year to date budget. Receipts include \$7.7 million for new regional system connections (EDU), and \$2.9 million for new water connections (MEU). The number of new EDU connections reported through the second quarter were 1,173 EDUs compared to the annual budget of 4,000 EDUs and the total new water connections were 941 MEUs compared to the 4,000 budgeted MEU.

Grants and Loans, 4.2% Grant and loan receipts were \$0.9 million, or 4.2 percent of the year to date budget. Included is \$0.2 million of grant receipts and \$0.7 million of State Revolving Fund (SRF) loan for the regional water quality laboratory. Loan proceeds budgeted in the Recharge Water and Regional Wastewater Operations and Maintenance programs are anticipated in the remainder of the fiscal year. Grants and loan receipts are primarily reimbursable in nature and as such are dependent upon related capital project expenditures. The annual grants budget of \$14.8 million includes, \$6.7 million for Northeast/Southern project Recycled Water fund, \$5.4 million for the new water quality laboratory Regional Wastewater Operations and Maintenance fund and \$2.1 million for Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) project Water fund. Grant receipts consist of reimbursements from federal and state programs may contain pass-through funding for other agencies. State Revolving Fund (SRF) loan proceeds annual budget of \$28.6 million includes \$9.0 million for Recharge Master Plan Update in the Recharge Water Fund, \$7.9 million for Northeast/Southern project Recycle Water Fund, \$7.7 million for the RP-5 Solids Treatment and Liquid Expansion projects Regional Wastewater Capital fund, and \$4.0 million for the new water quality laboratory Regional Wastewater Operations and Maintenance fund.

Cost Reimbursements JPA, 100.2% Total cost reimbursements were \$3.0 million, or 100.2 percent of the year to date budget. Actuals include reimbursements of \$1.9 million from the Inland Empire Regional Composting Authority (IERCA) and \$0.5 million from Chino Basin Desalter Authority (CDA) for the Agency's operation & maintenance of the IERCA Composter and CDA Desalter facilities. Also included \$0.6 million for the operations & maintenance costs related to the groundwater recharge basins, net of the Agency's pro-rata share for the recycled water recharge costs. Annual total cost reimbursement budget of \$6.1 million includes: \$3.9 million from IERCA, \$1.2 million from CDA, and \$1.0 million from CBWM.

Other Revenues, 144.1% Total other revenues and project reimbursements were \$1.8 million, or 144.1 percent of the year to date budget. Actual receipts include \$0.6 million from Chino Basin Waster Master(CBWM) for their share of the 2008B Rate Variable bond debt service and fixed project costs, \$0.6 million in lease revenues, \$0.4 million gain on investments, and 0.2 million on project reimbursements.

3. Actual Operating and Capital Expense vs. Budget:

Quarter Ended December 31, 2018

	Amended Budget	Budget Year to Date (YTD)	Actual Year to Date (YTD)	Budget YTD vs. Actual	% of Budget Used YTD
Operating Expenses:					
Employment	\$45,937,460	\$22,968,730	\$21,987,296	\$981,434	95.7%
Admin & Operating	83,121,710	41,560,854	26,189,541	\$15,371,313	63.0%
MWD Water Purchases	42,996,000	21,498,000	27,494,895	(\$5,996,895)	127.9%
OPERATING EXPENSES	\$172,055,170	\$86,027,584	\$75,671,732	\$10,355,852	88.0%
Non-Operating Expenses:					
Capital	88,322,587	44,161,294	22,122,452	\$22,038,842	50.1%
Debt Service and All Other Expenses	23,066,806	11,533,405	12,894,169	(\$1,360,764)	111.8%
NON-OPERATING EXPENSES	\$111,389,393	\$55,694,699	\$35,016,621	\$20,678,078	62.9%
Total Expenses	\$283,444,563	\$141,722,283	\$110,688,353	\$31,033,930	78.1%

Employment Expenses
net of allocation to
projects

Employment, 95.7%

Employment expenses were \$21.9 million or 95.7 percent of the year to date budget. At the end of the second quarter, total filled regular positions were 268 compared to the 290 authorized positions and 13 limited term positions (FTEs). Recruitment of key positions as part of the Agency's succession planning effort is expected to lower the vacancy factor going forward. The budget includes \$7.3 million payment toward the agency employee retirement unfunded liabilities which have been paid during the first quarter.

Administrative &
Operating Expenses

Office and Administrative, 46.2%

Office and administrative for the fiscal year was \$0.6 million, the favorable variance was in part due to the inclusion of \$137 thousand for the GM contingency budget which represents 6 percent of the overall category budget. This contingency serves as a funding source to for unexpected operating expenses. Also contributing to the positive variance are lower advertising, timing of election, and department training expense. A portion of the department training budget is reserved for specific conferences and events that will occur in the future quarters of the fiscal year.

Professional Fees & Services, 56.7%

Total expenses were \$3.3 million, or 56.7 percent of the year to date budget. The positive variance can be attributed to the timing of contracts and services that are anticipated in future quarters, such as rehabilitation of clarifiers and aeration basins; repairs and calibration of critical compliance equipment and treatment process; and contractor and consultant support for project management and administrative services.

Materials & Supplies/Leases/Contribution, 80%

Expenses through the end of second quarter were \$1.4 million or 80.0 percent of the year to date budget. The favorable variance was primarily due to staff's effort to monitor operational equipment usage to ensure maximum use from supplies, replacement parts, and consumables used by treatment plants. As a result, operations-related repairs required fewer corrective tasks than were budgeted.

Biosolids Recycling, 76.2%

Biosolids expenses were \$1.8 million or 76.2 percent of the year to date budget. Biosolids budget includes costs for hauling and disposal of biosolids and non-biological materials. Year to date tonnage of the agency's biosolids generated from all its water recycling facilities shipped to IERCA was 32,784 tons with a blended rate of \$56.00 per ton.

Chemicals, 96.1%

Chemical expenses were \$2.3 million, or 96.1 percent of the year to date budget. Chemicals are essential in meeting regulatory requirements, treatment process performance goals, and sustainment of high quality recycled water. Operations maintained the grit and screening removal equipments to achieve waste dryness at 50 percent or more. During wet weather condition, it is hard to achieve the desired 50 percent waste dryness therefore consumption of this category may exceed 75 percent in the next quarter.

Administrative & Operating Expenses continued	<p>Operating Fees, 102.4% Spending in this category was \$6.9 million, or 102.4 percent of the year to date budget. The majority of the expense is Non-reclaimable wastewater system (NRWS) "pass-through" fees from Sanitation District of Los Angeles County (SDLAC) and Santa Ana Watershed Project Authority (SAWPA). The category also includes \$1.4 million of readiness-to-serve (RTS) obligation pass-through to MWD, budgeted at \$2.9 million.</p> <p>MWD Water Purchases, 127.9% Total Metropolitan Water District of Southern California (MWD) pass-through imported water revenue was \$27.5 million or 127.9 percent of year to date budget. Imported water deliveries at 39,657 AF compared to the annual budgeted quantity of 50,000 AF. The high demand was mainly due to some member agencies shift to imported water away from local supplies due to water quality issues.</p> <p>Utilities, 100.6% Total utilities expenses were \$4.6 million of the \$2.3 million year to date budget. This category includes the purchase of electricity from Southern California Edison (SCE) or the grid, natural gas, and purchase of renewable energy generated on site from solar and wind. The unfavorable variance are due to higher than budgeted electricity expenses. Through the second quarter, the average rate for imported electricity ranged between \$0.11/kWh - \$0.12/kWh compared to budgeted rate of \$0.125/kWh..</p> <p>O&M and Reimbursable Projects, 30.3% and 4.9% The combined O&M and reimbursable project costs were \$4.7 million or 29.0 percent of their combined year to date budget. The favorable balance is mainly due to lower spending for water and drought related projects such as the Santa Ana River Conservation & Conjunctive Use Program (SARCCUP), CBWM Pomona Extensometer, Collection System Asset Management and Agency-Wide Aeration Panel Replacement projects.</p>
Financial Expenses	<p>Financial Expense, 110.6% Total financial expenses were \$12.6 million through the end of the second quarter. Actual costs included \$9.7 million paid towards principal for the 2010A Revenue Bond, 2017A Revenue Bond, and State Revolving Fund (SRF) notes. Total interest payments were \$2.8 million and \$0.1 million for financial administration fees.</p>
Other Expenses	<p>Other Expenses, 192.3% Total other expenses were \$0.3 million or 192.3 percent of the year to date budget and in-line with the annual budget. This category included an annual contributions-in-aid to the Santa Ana Watershed Project Authority for \$0.3 million that was paid in the first quarter.</p>
Capital Expenses	<p>Capital Costs, 50.1% Total capital project expenditures year to date were \$22.2 million or 50.1 percent of the year to date budget of \$44.2 million. Favorable variance in capital spending is largely driven by changes in the project scope and schedule, construction bid results, regulatory issues and external resources associated with such undertaking. The amended annual budget is \$88.3 million which includes \$5.2 million of capital budget carried forward from FY 2017/18. The lower than anticipated expenditures are primarily due to contractor delays, design recommendation reviews, and extended request for proposals and related contract award delays. Capital project costs related to the regional wastewater program through the second quarter were \$18.6 million, or 36 percent of the \$52.3 million annual program budget. Recycled water capital projects accounted for \$1.9 million, or 12 percent of the \$16.2 million annual program budget.</p>

Summary of major capital and non-capital project expenses and status as of December 31, 2018

Capital Projects		Annual Budget	Actual YTD	% of Budget Used YTD
EN14042	RP-1 1158 RWPS Upgrade The construction contract was awarded in November 2018. Staff have projected to spend \$2.5M by the end of the fiscal year which is within the FY budget.	3,000,000	189,346	6.3%
EN14019	RP-1 Headworks Gate Replacement Staff have projected to spend \$5.9M through the end of the fiscal year. The primary reason for the variance is due to additional bypass pumping needed during construction to mitigate leaking gates at the headworks. The project will be completed in May 2019.	3,450,000	2,683,833	77.8%
EN13001	San Sevalne Basin Improvements Additional scope was added for the construction of the SCE electrical conduit and other items which were not accounted for in the current fiscal year budget but the project is still within the total project budget.	547,574	809,889	147.9%
EN15012	RP-1 East Primary Effluent Conveyance Improven Phase 2 of the project was added. This increased the amount of spending for the fiscal year. Staff have projected to spend \$5.3M by the end of the fiscal year.	4,500,000	3,070,592	68.2%

O&M & Reimbursable Projects		Annual Budget	Actual YTD	% of Budget Used YTD
PA17006	Agency-Wide Aeration Panel Replacements The project scope involves the replacement of aeration panels at RP-1, RP-4, RP-5, and CCWRF. The aeration panel replacement will improve oxygen transfer efficiency and operational effectiveness of the wastewater treatment process. The RP-5 Aeration Panel construction contract was awarded in December 2017 and is estimated to be completed in the fiscal year.	1,859,760	1,820,992	97.9%
RW19002	CBWM Pomona Extensometer IEUA has an agreement to perform contract administration services. This work is currently ongoing	1,463,581	322	0.0%
WR16024	Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) The Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) project is ongoing with multiple agencies sharing the cost. Once the lead agency invoices for the costs, funds need to be available to fulfill our obligation.	6,490,882	176,577	2.7%

INLAND EMPIRE UTILITIES AGENCY
Fiscal Year 2018/19
CONSOLIDATED BUDGET VARIANCE ANALYSIS REPORT
Quarter Ended December 31, 2018

	Amended Budget	Budget YTD	Actual YTD	Variance YTD	% Budget Used YTD
<u>OPERATING REVENUES</u>					
User Charges	\$84,243,779	\$42,121,890	\$41,992,563	(\$129,326)	99.7%
Recycled Water	18,188,000	9,094,000	9,017,937	(76,063)	99.2%
MWD Water Sales	42,996,000	21,498,000	27,494,895	5,996,895	127.9%
Cost Reimbursement from JPA	6,083,947	3,041,974	3,047,742	5,768	100.2%
Interest Revenue	2,595,850	1,297,925	547,084	(750,841)	42.2%
TOTAL OPERATING REVENUES	\$154,107,576	\$77,053,789	\$82,100,221	\$5,046,433	106.5%
<u>NON-OPERATING REVENUES</u>					
Property Tax	\$47,887,800	\$23,943,900	\$18,985,644	(\$4,958,256)	79.3%
Connection Fees	32,911,999	16,456,000	10,614,918	(5,841,082)	64.5%
Grants	14,781,667	7,390,834	152,532	(7,238,301)	2.1%
SRF Loan Proceeds	28,585,900	14,292,950	765,129	(13,527,821)	5.4%
Project Reimbursements	1,522,918	761,459	940,754	179,295	123.5%
Other Revenue	928,305	464,153	825,400	361,248	177.8%
TOTAL NON OPERATING REVENUES	\$126,618,589	\$63,309,296	\$32,284,377	(\$31,024,917)	51.0%
TOTAL REVENUES	\$280,726,166	\$140,363,085	\$114,384,598	(\$25,978,484)	81.5%
<u>ADMINISTRATIVE and OPERATING EXPENSES</u>					
EMPLOYMENT EXPENSES					
Wages	\$22,137,889	\$11,068,945	\$13,918,987	(\$2,850,043)	125.7%
Benefits	23,799,571	11,899,786	8,068,309	3,831,478	67.8%
TOTAL EMPLOYMENT EXPENSES	\$45,937,460	\$22,968,730	\$21,987,296	\$981,435	95.7%
ADMINISTRATIVE EXPENSES					
Office & Administrative	\$2,598,366	\$1,299,183	\$600,643	\$698,541	46.2%
Insurance Expenses	874,300	437,150	702,534	(265,384)	160.7%
Professional Fees & Services	11,537,767	5,768,883	3,271,243	2,497,640	56.7%
O&M Projects	30,325,412	15,162,706	4,592,019	10,570,687	30.3%
Reimbursable Projects	2,366,192	1,183,096	115,536	1,067,560	9.8%
TOTAL ADMINISTRATIVE EXPENSES	\$47,702,035	\$23,851,018	\$9,281,975	\$14,569,044	38.9%

INLAND EMPIRE UTILITIES AGENCY
Fiscal Year 2018/19
CONSOLIDATED BUDGET VARIANCE ANALYSIS REPORT
Quarter Ended December 31, 2018

	Amended Budget	Budget YTD	Actual YTD	Variance YTD	% Budget Used YTD
OPERATING EXPENSES					
Material & Supplies/Leases	\$3,530,976	\$1,765,488	\$1,413,259	\$352,229	80.0%
Biosolids Recycling	4,636,789	2,318,394	1,767,757	550,638	76.2%
Chemicals	4,708,940	2,354,470	2,262,710	91,760	96.1%
MWD Water Purchases	42,996,000	21,498,000	27,494,895	(5,996,895)	127.9%
Operating Fees/RTS Fees/Exp. Alloc.	13,395,045	6,697,522	6,861,458	(163,935)	102.4%
Utilities	9,147,925	4,573,962	4,602,382	(28,420)	100.6%
TOTAL OPERATING EXPENSES	\$78,415,675	\$39,207,836	\$44,402,461	(\$5,194,623)	113.2%
TOTAL ADMINISTRATIVE and OPERATING EXPENSES	\$172,055,169	\$86,027,585	\$75,671,732	\$10,355,856	88.0%
<u>NON-OPERATING EXPENSES</u>					
CAPITAL OUTLAY	\$88,322,587	\$44,161,294	\$22,122,452	\$22,038,841	50.1%
FINANCIAL EXPENSES					
Principal, Interest and Financial Expenditures	22,741,648	11,370,824	12,581,541	(1,210,717)	110.6%
OTHER NON OPERATING EXPENSES	325,159	162,580	312,628	(150,049)	192.3%
TOTAL NON-OPERATING EXPENSES	\$111,389,394	\$55,694,698	\$35,016,621	\$20,678,075	62.9%
TOTAL EXPENSES	\$283,444,563	\$141,722,283	\$110,688,353	\$31,033,931	78.1%
REVENUES IN EXCESS/ (UNDER) EXPENSES	(\$2,718,398)	(\$1,359,198)	\$3,696,245	\$5,055,443	

Totals may not add up due to rounding

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

INITIATIVES	ASSET MANAGEMENT – CMMS	CAPITAL PROJECTS	CAREER DEVELOPMENT	AGENCY SECURITY	SAP TRAINING AND ENHANCEMENTS
DIVISION					
AGENCY MANAGEMENT			Staff participates in the professional development courses from SkillSoft and attend seminars. Department Manager participates as a learning group leader for CM Program. Two staff members enrolled in the CM Program. Executive Assistants continue to cross train.		

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

INITIATIVES	ASSET MANAGEMENT – CMMS	CAPITAL PROJECTS	CAREER DEVELOPMENT	AGENCY SECURITY	SAP TRAINING AND ENHANCEMENTS
<p>DIVISION</p> <p>EXTERNAL AFFAIRS</p>		<p>The Grants Department has provided support for two major projects that are part of this initiative by strategically pursuing state and/or federal funding:</p> <p>Chino Basin Program: Title XVI grant applications have been submitted to the USBR for the Pomona-IEUA-MVWD and JCSD-IEUA Intertie Projects, which are components of the Chino Basin Program. State Revolving Fund (SRF) loan applications were also submitted to provide supplemental funding for each of the two projects.</p> <p>RP-5 Expansion: Applications have been submitted to both federal (Water Infrastructure and Innovation Act - WIFIA) and state (SRF) funding agencies to support the \$325M cost of this project.</p>	<p>Records Management (RM) Staff continues to conduct new hire training. A total of 11 new hires were trained in RM best practices for 2nd quarter. RM staff continues Laserfiche training of Agency employees. RM staff conducted records training for new RM staff member onboarded in December. RM staff continues training in best practices in records management procedures by attending the ARMA conference and through webinars and lunchtime ARMA chapter meetings. RM Supervisor attending training in RM best practices through Records Management University Free Online RMA Webcourse. RM staff continues Laserfiche certifications. Total of 4 for 2nd quarter.</p>		<p>Records Management (RM) Staff collaborated with BIS on the GIS-Laserfiche upgrade with review of documents, metadata and testing. Records Management staff began working on the SAP attachments interface with Laserfiche. Meetings are held weekly. Approximately 30 attachments will need to be mapped for Laserfiche implementation. The Grants Department has collaborated with the Business Information Systems (BIS) Department to modify and enhance the SAP grant module to improve the grant invoice and compliance processes. The two departments are also working together to integrate a new grants management database software, eCivis, into SAP to facilitate data exchange that will improve workflow and increase efficiencies.</p>

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

INITIATIVES	ASSET MANAGEMENT – CMMS	CAPITAL PROJECTS	CAREER DEVELOPMENT	AGENCY SECURITY	SAP TRAINING AND ENHANCEMENTS
<p>DIVISION</p> <p>FINANCE AND ADMINISTRATION</p>		<p>Supporting the Chino Basin Project (CBP) on financial analysis; funding sources, financing options, impact on reserves. A rate study on connection fees, monthly service fees is underway. It will evaluate the current rate structure and develop rates that will support cost of services for the pertinent programs and the study also includes the assessment of the impact of the CBP.</p>	<p>49 employees applied and were accepted into the Career Management Program Taking Charge. A committee of unit representatives choose 24 participants for the first session beginning in December and 25 for the second session in June. Agency management choose 4 management employees as group learning leaders and 2 alternates. In November, the 24 participants and their supervisors attended a orientation workshop and learning leaders and alternates received training on their roles and how to facilitate success for their learning groups. In December, participants attended 2 full day workshop developing their goals for the program. Supervisors attended training on how to best mentor and support their direct</p>	<p>During the 2nd Qtr of the Fiscal Year the Agency completed several facility security assessments in cooperation with the provided consultant from the Department of Homeland Security. The security assessments were completed through an Urban Area Security Initiative (UASI) grant program that allows local agencies that provide critical infrastructure. The assessments when finalized by the consultant, will include a report of recommendations for increased security measures, as well as identify positive measures currently utilized by the Agency. Additional facilities will be completed during the third quarter of the fiscal year. As part of our disaster planning, Active Shooter</p>	<p>BIS researched and decided to implement the new training site using Microsoft Stream platform in conjunction with Microsoft SharePoint. Both of these tools are included with the Agency's Microsoft Office 365 subscriptions, hence there is no additional cost to the Agency. Secondly, the platform enables several features that does not exist with the current training site: ease of content management by training team, free-text search capability, view count, content grouping into logical curriculum and personalization content by users. BIS team also created training contents as training videos, in addition to printed materials. These videos comprise of screen recordings along with narrations. For some videos, animations are incorporated to explain key concepts. The new</p>

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

<p>FINANCE AND ADMINISTRATION</p>			<p>reports involved in the program.</p>	<p>training was held in the 2nd Quarter for all Agency staff. Disaster drill training will continue through 2019 to ensure staff are prepared for various situations. Final testing is in process on a cell phone application (In Case of Crisis) that will allow staff to access all Agency emergency information at any given time on their phones with or without cell service. Each facility is now fully equipped to act as the Incident Command Center if needed. Disaster supply inventories will be checked again during this fiscal year to ensure adequate quantities.</p>	<p>training site is scheduled to be launched in early Q3.</p> <p>BIS also deployed new web-based interface for SAP called Personas, which enables developers to customize labels, add pop-up notes, simplify screens and link external sites to a single home screen. The pilot project is being tested by project managers in the Engineering and Construction Management. The department-wide deployment is planned for early Q3 as well.</p> <p>BIS completed the configuration for SAP Grant module to have greater integration to the financial modules for deeper integration. The new enhancements allow for more streamlined grant accounting process with the goal of eliminating the need to use spreadsheets for reconciliation. The design also considered the</p>
--	--	--	---	---	--

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

<p>FINANCE AND ADMINISTRATION</p>					<p>possibility of integrating to other grant-related system (e.g., third-party grant administration system).</p> <p>BIS team worked closely with Records Management group to transition the Laserfiche support consultants from AMI to CPS. The change was necessary to provide greater support for enhancing Laserfiche functionality post implementation (i.e., after data conversion is completed).</p>
--	--	--	--	--	--

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

INITIATIVES DIVISION	ASSET MANAGEMENT – CMMS	CAPITAL PROJECTS	CAREER DEVELOPMENT	AGENCY SECURITY	SAP TRAINING AND ENHANCEMENTS
ENGINEERING		<p>Two major capital projects are the focus of this initiative; 1) Chino Basin Project (CBP) and 2) Regional Plant No. 5 (RP-5) Expansion Project (RP-5 Project). In July 2018, the California Water Commission unanimously approved \$206.9 million in Prop 1 grant funding for the CBP. The CBP involves the construction of an advanced water treatment facility and distribution system to treat and store up to 15,000 acre-feet per year (AFY) of recycled water. In partnership with our member agencies and Metropolitan Water District, this water will be exchanged in blocks of up to 50,000 AFY towards ecosystem benefits north of the Delta for 25 years during dry years. Board workshops were held in October and November to provide higher level benefits of the CBP. The IEUA Board unanimously supported establishing a</p>			

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

<p>ENGINEERING</p>		<p>project budget to initiate the technical studies. In December, the 1st CBP workgroup meeting was held. The CBP workgroup includes stakeholders within the basin and is intended to collaborate in the development of the project components, funding assistance for local projects and performance requirements. The RP-5 Project promotes State planning priorities by utilizing existing infrastructure located at RP-5. The project protects all watersheds and parks adjacent to the project sites and supports population growth within IEUA's service area. Additional facilities will be required to meet the expanded treatment capacity at RP-5 to comply with the waste discharge requirements. The project has a total estimated cost of \$325,000,000 and is expected to be completed by December 2025.</p>			
---------------------------	--	--	--	--	--

Business Goals Status Updates – FY 2018/19 2nd Quarter

Exhibit B

INITIATIVES DIVISION	ASSET MANAGEMENT – CMMS	CAPITAL PROJECTS	CAREER DEVELOPMENT	AGENCY SECURITY	SAP TRAINING AND ENHANCEMENTS
OPERATIONS	A steering Committee was scheduled to meet in January 2019 with the consultant. In the process of interviewing staff to determine gap analysis and develop a report.			Implemented the Department of Homeland Security's recommendations.	

Inland Empire Utilities Agency										
Inter-Departmental / Division O&M Transfers FY 2018/19										
Budget Transfer										
Sender Fund	Fund Name	Date	O&M Transfer From	Category	Amount Transfer Out	O&M Transfer To	Category	Amount Transfer In	Description	Qtr
10200	Administrative Services	11/28/2018	512170	O&M Supplies	\$5,000	545370	Water	\$5,000	Transfers necessary to cover costs that were not budgeted.	2
10200	Administrative Services	11/28/2018	512170	O&M Supplies	\$1,800	511220	Disposal Services	\$1,800	Transfers necessary to cover costs that were not budgeted.	2
10200	Administrative Services	11/28/2018	512170	O&M Supplies	\$2,000	511220	Travel - Mileage	\$2,000	Transfers necessary to cover costs that were not budgeted.	2
10200	Administrative Services	11/28/2018	512170	O&M Supplies	\$5,000	512410	Fuel	\$5,000	Transfer requested to cover the costs of fuel that was not budgeted when the budget was split between the Warehouse and Facilities Management for FY 2018/19.	2
10200	Administrative Services	11/28/2018	521010	Contract Labor	\$40,000	512410	Fuel	\$40,000	Transfer requested to cover the costs of fuel that was not budgeted when the budget was split between the Warehouse and Facilities Management for FY 2018/19.	2
10200	Administrative Services	11/28/2018	512660	Equip-Tools	\$5,000	512410	Fuel	\$5,000	Transfer requested to cover the costs of fuel that was not budgeted when the budget was split between the Warehouse and Facilities Management for FY 2018/19.	2
10200	Administrative Services	11/28/2018	511120	E'ee Training-Dept	\$50,000	512410	Fuel	\$50,000	Transfer requested to cover the costs of fuel that was not budgeted when the budget was split between the Warehouse and Facilities Management for FY 2018/19.	2
10600	Recycled Water	11/28/2018	512170	O&M Supplies	\$30,000	521010	Contract Labor	\$30,000	Transfers necessary to cover costs that were not budgeted.	2
10600	Recycled Water	11/28/2018	512170	O&M Supplies	\$10,000	521050	Contract Materials	\$10,000	Transfers necessary to cover costs that were not budgeted.	2
10600	Recycled Water	11/28/2018	512170	O&M Supplies	\$4,700	545370	Water	\$4,700	Transfers necessary to cover costs that were not budgeted.	2
10800	Regional Wastewater O&M	11/28/2018	512170	O&M Supplies	\$20,000	512110	Supplies - General	\$20,000	Funds were not budgeted into the correct GL accounts	2
10800	Regional Wastewater O&M	11/28/2018	512170	O&M Supplies	\$4,000	512660	Equip-Tools	\$4,000	Funds were not budgeted into the correct GL accounts	2
10800	Regional Wastewater O&M	11/28/2018	530039	Iron Sponge	\$12,000	530013	Anthracite	\$12,000	Transfer to cover the costs of a Fish and Wildlife permit that is relatively new to the program.	2
10300	Recharge Water	12/18/2018	545110	Utilities	\$3,973	519310	Operating Fees	\$3,973	Anthracite was not budgeted but must complete in this fiscal year.	2
10200	Administrative Services	12/10/2018	512170	O&M Supplies	\$7,875	520980	Professional Fees	\$7,875	Transfer to pay for professional services programming costs for a Laserfiche Training Session Portal requested by Operations and Maintenance	2
Total O&M Transfer Out					\$201,348	Total O&M Transfer In		\$201,348		

**Inland Empire Utilities Agency
 FY 2018/19 General Manager Contingency Account Activity
 Budget Transfer**

Date	From Proj/Category Title	Sender Amount	Receiver Fund	Receiver FA	Receiver CC	Receiver CE	To Proj/Category Title	Transfer Amount	Balance	Justification
Beginning Balance, July 1, 2018									\$300,000	
9/27/2018	GM Contingency	\$50,000	10200	100000	139100	520950	Prof Svcs - Train Consultants	\$50,000		Career management program
Balance, September 30, 2018									\$50,000	\$250,000
11/1/2018	GM Contingency	\$38,000	10200	100000	118100	520980	Prof Svcs - Other	\$38,000		To cover fixed-cost SAP support service contract.
12/27/2018	GM Contingency	\$75,000	10200	100000	118100	520980	Prof Svcs - Other	\$75,000		Consultant letter agreement with interim general manager
Balance, December 31, 2018									\$163,000	\$137,000

Inland Empire Utilities Agency

Changes in Total Project Budget: Inter-Departmental Division/Capital & O&M Transfers FY 2018/19

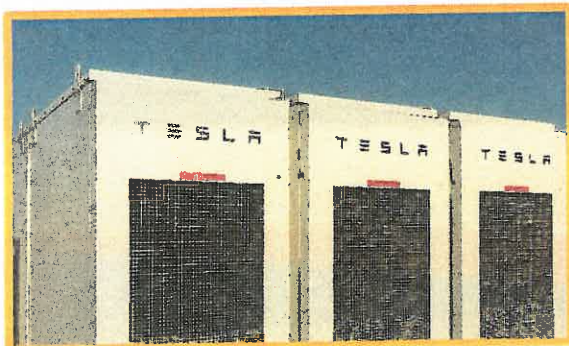
Budget Transfer

Fund	Transfer Date	Project Number	Project Title	Adopted Total Project (TP) Budget	Prior TP Changed in Current FY	Amt. of Transfer In/(Out)	New TP Budget	Annual Project Budget	Annual Proj Budget: Change	New Annual Project Budget	Project Transferred To/(From)	Justification
10200	11/12/2018	IS19009	Business Network Inv	195,000	0	-\$15,000	180,000	195,000	(15,000)	180,000	IS19008	Transfer due to Manager of Lab requesting additional PCs for staff due to the new building configuration and staff having their own office space.
		IS19008	Business Network Infrastructure	21,000	0	\$15,000	36,000	21,000	15,000	36,000	IS19009	
10200	11/14/2018	EN18055	Headquarters Roofing	1,242,855	23,592	-\$50,000	1,216,447	104,000	(50,000)	486,932	EN19038	HR staff requested a new emergency doorway be installed in case of imminent danger.
		EN19038	HR Exit Dppr	-	0	\$50,000	50,000	-	50,000	50,000	EN18055	
10200	11/14/2018	EN16012	CIPO Enhancements	153,000	-	-\$25,000	128,000	-	(25,000)	127,000	EN19038	HR staff requested a new emergency doorway be installed in case of imminent danger.
		EN19038		-	50,000	\$25,000	75,000	50,000	25,000	75,000	EN16012	
Subtotal Administrative Services Fund				\$1,611,855			\$1,685,447	\$370,000		\$954,932		
10500	10/9/2018	EN18023	NRWS Philadelphia Pump Station Pump 3 Improvements	250,000	-	-\$95,000	155,000	100,000	(95,000)	5,000	EN19027	Transfer is needed for the manhole relining project scope that has been transferred to the pipeline relining project to combine similar scope of work being performed in the same location into one project.
		EN19027	NRW Pipeline Relining	2,300,000	-	\$95,000	2,395,000	800,000	95,000	895,000	EN18023	
Subtotal Non-Reclaimable Water Fund				\$2,550,000			\$2,550,000	\$900,000		\$900,000		
10800	10/2/2018	EN18025	RP-1 Security Systems Rehabilitation	5,200,000	-	-\$500,000	4,700,000	500,000	(500,000)	388,010	EN19037	Transfer to repair building roof leaks, repair skylights, and put in fall protection.
		EN19037	RP-1 PRB & MCC Bldg.	-	-	\$500,000	500,000	-	500,000	500,000	EN18025	
10800	11/28/2018	EN19009	RP-1 Energy Recovery	5,000,000	(100,000)	-\$155,000	4,745,000	500,000	(155,000)	345,000	EN19040	Transfer needed for safety railings at RP-1 requested by Operations.
		EN19040	RP-1 Aeration Basin	-	-	\$155,000	155,000	-	155,000	400,000	EN19009	
10800	11/28/2018	EN15008	Water Quality Lab	24,645,000	-	-\$900,000	23,745,000	2,500,000	(900,000)	1,600,000	EN17042	Transfer needed for the Dig. 6 construction phase of the project.
		EN17042	Digester 6 & 7 Roof	3,868,387	-	\$900,000	4,768,387	1,350,000	900,000	2,520,649	EN15008	
10800	11/28/2018	EN19009	RP-1 Energy Recovery	5,000,000	(155,000)	-\$100,000	4,745,000	500,000	(100,000)	245,000	EN17042	Transfer needed for the Dig. 6 construction phase of the project.
		EN17042	Digester 6 & 7 Roof	3,868,387	900,000	\$100,000	4,868,387	1,350,000	100,000	2,620,649	EN19009	
Subtotal Regional Wastewater Operations & Maintenance (RO) Fund				\$47,581,774			\$48,228,774	\$6,700,000		\$8,619,308		
10900	10/9/2018	EN19026	CCWRF 12kV Switchgear	2,360,000	-	-\$2,500	2,357,500	820,000	(2,500)	817,500	EN17063	Transfer needed for the final change order due to the contractor.
		EN17063	RP-4 Anoxic Splitter	150,000	-	\$2,500	152,500	-	2,500	2,500	EN19026	
10900	10/25/2018	EN16011	Whispering Lakes Pump Station	5,000,000	-	-\$95,000	4,905,000	500,000	(95,000)	405,000	IS18018	Open PO was carried forward, but the non-encumbered funds to cover 2018/19 invoices was
		IS18018	SCADA Cybersecurity STEM	50,000	-	\$95,000	145,000	-	95,000	125,075	EN16011	
Subtotal Regional Wastewater Capital (RC) Fund				\$58,960,161			\$60,510,161	\$9,370,000		\$12,464,957		
Total Sender Amount							\$0					
				Capital Total Project Budget			Annual Capital Budget					
				Adopted		Amended	Adopted		Amended			
				\$110,703,790		\$112,972,382	\$17,340,000		\$22,939,197			

Fund	Transfer Date	Project Number	Project Title	Adopted Total Project (TP) Budget	Prior TP Changed in Current FY	Amt. of Transfer In/(Out)	New TP Budget	Annual Project Budget	New Annual Project Budget	Project Transferred To/(From)	Justification	
10200	10/2/2018	FM19001	Agency-Wide Roofing	250,000		-\$70,000	180,000	250,000	(70,000)	EN19036	Transfer to repair parking stalls that have caused tripping hazards.	
		EN19036	HQ Paving Safety Improvement	-		\$70,000	70,000	-	70,000	FM19001		
10200	10/18/2018	IS19001	BizNet Cybersecurity	75,000		-\$62,000	13,000	75,000	(62,000)	IS18002	Open PO was carried forward, but the non-encumbered funds to cover 2018/19 invoices was	
		IS18002	BizNet Cybersecurity Risk Assess	125,000		\$62,000	187,000	-	62,000	IS19001		
Subtotal Administrative Services Fund				\$450,000			\$263,000	\$325,000	\$388,245			
10300	11/8/2018	555010	Interest Expense	-	0	\$0	-	-	-	0	Transfer is to process payment to ESA for professional services.	
		RW15001	Long Tern Basin Wide	161,000		\$700	161,700	-	700	555010		
Subtotal Recharge Water Fund				\$650,000			\$533,000	\$400,000	\$596,490			
10500	10/3/2018	EN19016	NRW Emergency Projects FY 18/19	100,000		-\$20,000	80,000	100,000	(20,000)	EN18016	Transfer needed to pay out the final emergency projects finished in FY 17/18.	
		EN18016	NRWS Emergency O&M Projects	100,000		\$20,000	120,000	-	20,000	EN19016		
Subtotal Recharge Water Fund				\$1,361,000			\$1,037,700	\$825,000	\$1,065,434			
10600	11/7/2018	EN19051	RW Hydraulic Model	150,000		-\$50,000	100,000	150,000	(50,000)	EN19039	Transfer required to complete the joint IEUA-JCSD Regional Water Recycled Program Interconnection	
		EN19039	RW Cost Benefit Analysis	-		\$50,000	50,000	-	50,000	EN19051		
Subtotal Recycled Water Fund				\$2,361,000			\$1,870,700	\$1,475,000	\$1,894,924			
10800	10/2/2018	EN17040	RP-1 Aeration Panel Replacement	3,226,268		-\$420,000	2,806,268	500,000	(420,000)	PA17006	Transfer to finish the RP-4 and RP-5 phases of the Agency-wide Aeration Panel Projects	
		PA17006	Agency Wide Aeration Panel	8,240,000		\$420,000	8,660,000	1,200,000	420,000	EN17040		
Subtotal Regional Wastewater Operations & Maintenance (RO) Fund				\$7,098,268			\$5,864,668	\$2,950,000	\$3,190,359			
				Capital Total Project Budget				Annual Capital Budget				
				Adopted				Amended	Adopted			
				\$11,920,268				\$9,569,068	\$5,975,000			
				Total Transfers				\$2,560,200				

FY 2018/19 Budget Variance Report

2nd Quarter Ended December 31, 2018



FY 2018/19 2nd Quarter Ending December 31, 2018

(\$ Millions)

	Amended Budget	Budget YTD*	Actual YTD*	% Budget Used YTD
Total Sources of Funds	\$280.7	\$140.4	\$114.4	81.5%
Total Uses of Funds	283.4	141.7	110.7	78.1%
Net Increase/(Decrease)	(\$2.7)	(\$1.3)	\$3.7	

*YTD – Year to Date

Highlights

- Total Sources of Funds were below the YTD budget by ~19%
- Total Uses of Funds were below YTD budget by ~22%
- Net increase of \$3.7 million to fund balance

FY 2018/19 2nd Quarter Ending December 31, 2018

(\$ Millions)

Sources of Funds	Amended Budget	Budget YTD*	Actual YTD*	% Budget Used YTD
Operating Revenue				
User Charges	\$84.3	\$42.1	\$42.0	99.7%
Recycled Water Sales	18.2	9.1	9.0	99.2%
MWD Imported Water Sales	43.0	21.5	27.5	127.9%
Other Operating Revenues*	8.6	4.4	3.6	84.0%
Total Operating Revenues	\$154.1	\$77.1	\$82.1	106.5%

Highlights

- MWD imported water sales is higher due to a shift from local supplies by some member agencies.

*Other Operating Revenue includes contract cost reimbursements and interest revenue

FY 2018/19 2nd Quarter Ending December 31, 2018

(\$ Millions)

Sources of Funds	Amended Budget	Budget YTD*	Actual YTD*	% Budget Used YTD
Non-Operating Revenue				
Property Tax	\$47.9	\$23.9	\$18.9	79.3%
Connection Fees	32.9	16.5	10.6	64.5%
Grants & Loans	43.4	21.7	1.0	4.2%
Other Non-Operating Revenues*	2.4	1.2	1.8	144.1%
Total Non-Operating Revenues	\$126.6	\$63.3	\$32.3	51.0%
Total Operating Revenues	154.1	77.1	82.1	106.5%
Total Sources of Funds	\$280.7	\$140.4	\$114.4	81.5%

Highlights

- New connections reported YTD:
 - * 1,173 Equivalent Dwelling Units
 - * 941 Meter Equivalent Units
- Grants and loan receipts are primarily reimbursable and are dependent upon related capital project expenditures.
- Total other revenues include prepayment from CBWM for their share of debt service and fixed project costs

*Other Non-Operating revenues includes project reimbursements, lease revenue, and realized gain on investments

FY 2018/19 2ND Quarter Ending December 31, 2018

(\$ Millions)

Uses of Funds	Amended Budget	Budget YTD*	Actual YTD*	% Budget Used YTD
Operating Expense				
Employment Expense (net of allocation to projects)	\$45.9	\$22.9	\$22.0	95.7%
Professional Fees & Services	11.6	5.8	3.3	56.7%
Utilities	9.1	4.6	4.6	100.6%
MWD Water Purchases	43.0	21.5	27.5	127.9%
O&M and Reimb. Project Exp.	32.7	16.3	4.7	28.8%
Other Operating Expenses*	29.7	14.9	13.6	91.5%
Total Operating Expense	\$172.0	\$86.0	\$75.7	88.0%

* Other operating expense includes operating fees, chemicals, biosolids recycling, materials & supplies and office & administrative expenses

Highlights

- Professional fees & services below YTD budget due to contract award timing and deferral of services
- O&M Projects under budget due to timing of repair and maintenance related projects

FY 2018/19 2nd Quarter Ending December 31, 2018

(\$ Millions)

Uses of Funds	Amended Budget	Budget YTD*	Actual YTD*	% Budget Used YTD
Non-Operating Expense				
Capital Projects	\$88.3	\$44.2	\$22.1	50.1%
Financial Expense	22.7	11.4	12.6	110.6%
Other Non-Operating Expense*	0.4	0.1	0.3	192.3%
Total Non-Operating Expense	\$111.4	\$55.7	\$35.0	62.9%
Total Operating Expense	172.0	86.0	75.7	88.0%
Total Uses of Funds	\$283.4	\$141.7	\$110.7	78.1%

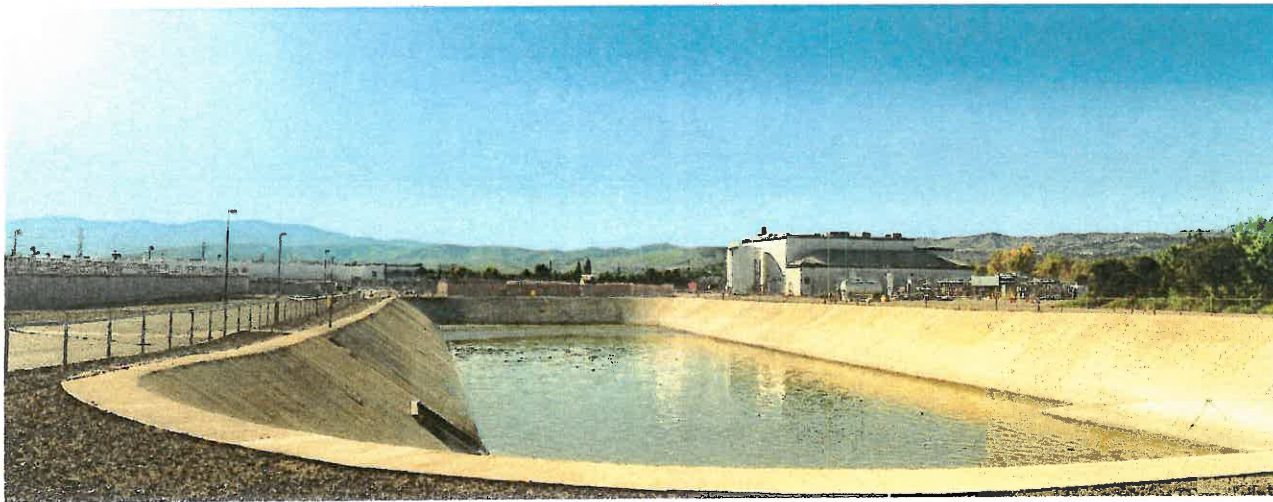
Highlights

- Total capital project expenditures below budget due to contract award delays and design recommendation.
- Financial expense higher than YTD budget due to timing of debt service payments.

*Other Non-Operating Expense includes SAWPA member contributions and other miscellaneous expense



Questions



The Budget Variance Analysis report is consistent with the Agency's business goal of fiscal responsibility to ensure actual revenues and expenditures are consistent with those approved by the Board of Directors.

**INFORMATION
ITEM
3B**



Date: March 20, 2019

To: The Honorable Board of Directors

From: Kirby Brill, Interim General Manager *KB*

Committee: Finance & Administration

03/13/19

Engineering, Operations & Water Resources

03/13/19

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Proposed Ten Year Capital Improvement Plan (TYCIP) Fiscal Years 2019/20-2028/29

Executive Summary:

Pursuant to the Regional Sewage Service Contract, an annual forecast of capital projects planned over the next ten years, the Ten Year Capital Improvement Plan (TYCIP), is submitted to the Regional Technical and Policy Committees and IEUA Board of Directors for approval. The proposed TYCIP of approximately \$924 million identifies projects planned for fiscal years (FYs) 2019/20 - 2028/29 along with respective budget and projected funding sources. Based on current and conservative assumptions, approximately 46% will be funded on a pay-go basis, 49% with new debt issuance, and the remaining balance with grant proceeds.

As one of the Agency's long-term planning documents, the TYCIP is instrumental in identifying necessary improvements and expansion of existing facilities, major asset replacement and rehabilitation (R&R), and major capital equipment purchases to meet current and future service demands. Capital projects in the Regional Wastewater and Recycled Water programs account for nearly 90% of the \$924 million, with about 80%, or \$635 million, scheduled within the first 5 years (FYs 2020-2024). Major projects in the proposed TYCIP include: Regional Water Recycling Facility No. 5 (RP-5) Expansion, RP-1 Rehabilitation and Improvement, recycled water intertie connections to the City of Pomona and Jurupa Community Services District, and rehabilitation and repair of critical assets including the Philadelphia Lift Station.

Staff's Recommendation:

This is an informational item.

Budget Impact *Budgeted (Y/N): N Amendment (Y/N): N Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

On June 20, 2018, the IEUA Board of Directors adopted the FY 2018/19 Budget Amendment to the FYs 2017/18 - 2026/27 TYCIP.

Environmental Determination:

Not Applicable

Business Goal:

The proposed TYCIP for FYs 2019/20 - 2028/29 is consistent with the IEUA Business Goals of Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices.

Attachments:

- Attachment 1 - Background
- Attachment 2 - List of Projects
- Attachment 3 - Powerpoint

Background

Subject: Proposed Ten Year Capital Improvement Plan (TYCIP) for FYs 2019/20 – 2028/29

Presented is a preliminary overview of the Agency's proposed Ten Year Capital Improvement Plan for fiscal years (FYs) 2019/20 - 2028/29 (2020 TYCIP). The proposed 2020 TYCIP will be presented to the Regional Technical and Regional Policy Committees on March 28, 2019 and April 4, 2019, respectively.

FYs 2020 – 2029 Proposed Ten Year Capital Improvement Plan (2020 TYCIP)

The purpose of the capital improvement plan is to catalog and schedule capital improvement projects over a multi-year period to effectively and efficiently meet the service needs of the region, comply with statutory requirements, and appropriately maintain Agency assets. Each year, pursuant to the Regional Sewage Service Contract (Regional Contract), member agencies provide a ten-year forecast of expected growth in their area. The member agencies forecast, presented to the Board of Directors on October 2018, estimated over 52,000 new connections over the next ten years, with approximately 60% of those new connections anticipated in the southern portion of the Agency's service area. The Agency prepares a ten-year forecast of capacity demands and identifies capital projects needed to meet the service demand from future growth. The TYCIP is updated annually and presented to the Regional Technical and Policy Committees for review and comment.

The rehabilitation, replacement, improvement, and expansion of the Agency's facilities continue to be the key drivers for the proposed FY 2020 TYCIP. These drivers are consistent with the Agency's long-term planning documents approved by the Board of Directors, amongst them:

- 2015 Wastewater Facilities Master Plan
- 2015 Recycled Water Program Strategy Update
- 2015 Energy Management Plan
- 2015 Regional Water Use Efficiency Business Plan
- 2016 Integrated Water Resources Plan

The proposed FY 2020 TYCIP of \$924 million is higher than the current 2019 TYCIP of \$715 million by approximately \$209 million. The primary drivers for the increase are the RP-1 Capacity Recovery project which is slated to begin construction in 2029, and the recycled water interties to the City of Pomona and Jurupa Community Services District (JCSD). Regional Capital projects in the Regional Wastewater and Recycled Water programs account for nearly 90% of the \$924 million, with about 80%, or \$635 million, scheduled within the first 5 years (FYs 2020-2024). The capital improvement plan includes both capital and operational and maintenance projects but only capital are shown by fund in Table 1 below.

Table 1: Proposed TYCIP Projects by Fund

Fund (\$Millions)	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25 through FY 2028/29	TOTAL
Wastewater Capital*	\$25.3	\$102.6	\$125.7	\$66.3	\$36.0	\$158.6	\$514.4
Wastewater Operations**	28.8	22.7	10.9	8.1	3.9	31.8	106.2
Recycled Water	18.7	23.8	16.3	23.3	44.0	78.3	204.4
Non-Reclaimable Wastewater	8.9	14.0	0.6	0.7	0.8	5.7	30.8
Water Resources	3.0	7.8	6.1	3	8	0.0	28.0
Recharge Water	5.0	13.2	0.3	0.5	0.8	6.8	26.5
Admin Services	2.3	1.2	0.6	0.7	1.0	7.7	13.6
Total	\$91.8	\$185.5	\$160.5	\$102.6	\$94.5	\$289.0	\$923.9

*Regional Wastewater Capital Improvement Fund

**Regional Wastewater Operations & Maintenance Fund

+/- Total may not add due to rounding

The RP-1 Capacity Recovery project and improvements to the regional recycled water system are expected to increase the capital improvement plan to \$211 million by 2030. As summarized in Table 2, eight major capital projects account for nearly 68%, or \$896 million, of the \$1.3 billion million planned over the next 15 years.

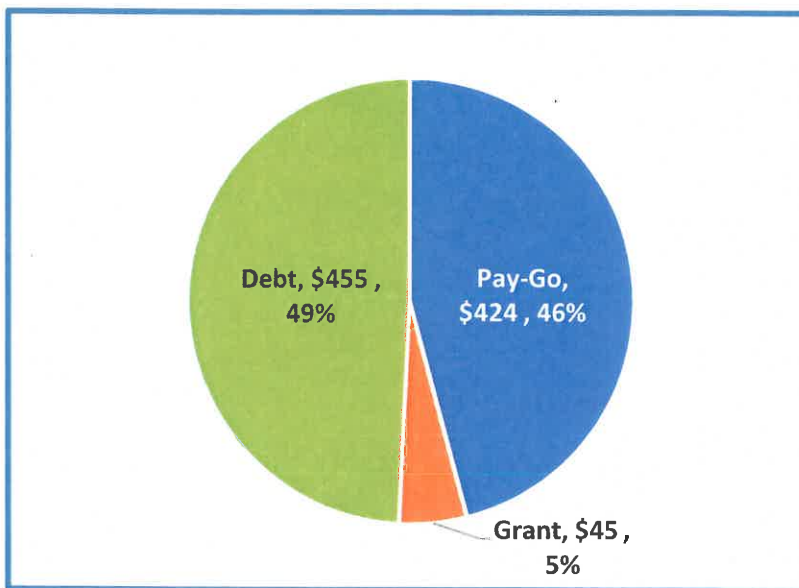
Table 2: Major Capital Projects

Description	FYs 2020-2029				TOTAL COST \$ Millions
	16/20	21/25	26/30	31/35	
RP-5 Solids Treatment Facility					\$ 162
RP-5 Expansion to 30 mgd					\$ 157
RP-4 Expansion					\$ 14
RP-1 Capacity Recovery					\$ 347
RP-1 Advanced Water Treatment					\$ 80
RP-4 Improvement					\$ 5
Intertie - Pomona & JCSD					\$ 112
Philadelphia Lift Station					\$ 19
Total					\$ 896

These major projects are needed to meet the anticipated growth in the Agency's service area, replacement and rehabilitation (R&R) of aging facilities and infrastructure, and sustainment of water quality in the region. Funding for these major projects is shared by the Regional Wastewater Capital Improvement (Wastewater Capital), the Regional Wastewater Operations & Maintenance (Wastewater Operations), Recycled Water (WC), and Non-Reclaimable Wastewater (NC) funds.

Based on current and conservative assumptions, the proposed TYCIP is funded on a pay-go basis, new debt, and grants as shown in Figure 1.

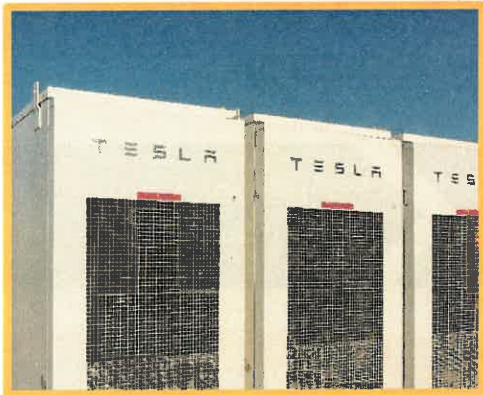
**Figure 1: Estimated Funding Sources
(\$ Million)**



2019/20 TYCIP List of Projects												
Project No.	Name	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	10 Years
EN19006	RP-5 SHF	8,000,000	65,000,000	69,000,000	13,000,000	200,000	-	-	-	-	-	155,200,000
EN19001	RP-5 Expansion to 30 mgd	3,000,000	25,000,000	45,000,000	45,000,000	29,000,000	2,700,000	-	-	-	-	149,700,000
EN16060	RW Connections to City of Pomona	2,000,000	3,000,000	3,000,000	18,000,000	40,000,000	10,500,000	3,500,000	-	-	-	80,000,000
EN22006	RC Asset Management	-	-	3,000,000	3,000,000	3,000,000	8,400,000	9,800,000	11,000,000	12,500,000	15,000,000	65,700,000
EN24001	RP-1 Liquid Treatment Capacity Recovery	100,000	-	-	-	-	-	-	2,500,000	4,750,000	57,000,000	64,350,000
EN22009	WC Asset Management	-	-	500,000	1,000,000	2,000,000	3,000,000	5,000,000	7,000,000	8,900,000	11,000,000	38,400,000
EN16065	RW Connections to JCSD	1,000,000	18,500,000	11,800,000	-	-	-	-	-	-	-	31,300,000
EN17006	CCWRF Assets Management and Improvement	4,000,000	7,500,000	500,000	2,000,000	2,000,000	2,000,000	6,000,000	-	-	-	24,000,000
PL26001	RP-1 Advanced Water Treatment Facility	-	-	-	-	-	-	-	2,000,000	6,000,000	12,000,000	20,000,000
EN23002	Philadelphia Lift Station Force Main Imp	5,000,000	13,500,000	-	-	-	-	-	-	-	-	18,500,000
EN24002	RP-1 Solids Treatment Expansion	100,000	-	-	-	-	-	-	750,000	1,250,000	14,000,000	16,100,000
PL19005	Chino Basin Project	3,000,000	6,850,000	5,150,000	-	-	-	-	-	-	-	15,000,000
RW15003	Recharge Master Plan Update Projects	5,000,000	9,750,000	40,041	-	-	-	-	-	-	-	14,790,041
PL20001	SARCCUP Placeholder for Chino Basin Pipeline	-	1,000,000	1,000,000	3,000,000	8,000,000	-	-	-	-	-	13,000,000
EN26024	2025-2030 Recycled Water Projects	-	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
EN17082	RP-1 Mechanical Restoration and Upgrades	8,855,000	1,000,000	-	-	-	-	-	-	-	-	9,855,000
EN26023	1299 Pressure Zone Pipeline Capacity Upg	-	-	-	-	-	-	1,000,000	6,000,000	2,000,000	-	9,000,000
EN13016	SCADA Enterprise System	2,000,000	3,500,000	3,000,000	-	-	-	-	-	-	-	8,500,000
EN22008	GWR Asset Management	-	-	250,000	500,000	750,000	1,000,000	1,250,000	1,450,000	1,450,000	1,650,000	8,300,000
EN20057	RP-4 Process Improvements Phase II	-	-	1,000,000	5,300,000	2,000,000	-	-	-	-	-	8,300,000
EN11039	RP-1 Disinfection Pump Improvements	-	-	4,819,000	2,410,000	254,000	-	-	-	-	-	7,483,000
EN17043	RP4 Primary Clarifier Rehab	1,150,000	5,200,000	780,000	-	-	-	-	-	-	-	7,130,000
EN22010	GG Asset Management	-	-	150,000	300,000	600,000	800,000	1,000,000	1,200,000	1,400,000	1,600,000	7,100,000
EP21003	South Major Facilities Repair/Replacemen	-	636,540	655,636	675,305	695,564	716,431	737,924	760,062	782,864	806,350	6,466,676
EN09007	1630 E Pipeline Seg B & 1630 E Resvoir	-	-	-	-	-	-	1,000,000	2,400,000	3,000,000	-	6,400,000
EN17110	RP-4 Process Improvements	1,950,000	1,050,000	3,150,000	-	-	-	-	-	-	-	6,150,000
EN22005	RO Asset Management	-	-	400,000	500,000	600,000	700,000	800,000	900,000	1,000,000	1,100,000	6,000,000
EN22007	NRW Asset Management	-	-	400,000	500,000	600,000	700,000	800,000	900,000	1,000,000	1,100,000	6,000,000
EN20056	RSS Haven Avenue Repair & Replace from Alrp	2,000,000	4,000,000	-	-	-	-	-	-	-	-	6,000,000
EN17049	Baseline RWPL Extension	5,730,000	-	-	-	-	-	-	-	-	-	5,730,000
EP21002	North Major Facilities Repair/Replacemen	-	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	5,400,000
EN17032	RP-4 Outfall Repair from Mission Blvd to	-	-	1,000,000	4,000,000	-	-	-	-	-	-	5,000,000
EN18006	RP-1 Flare Improvements	5,000,000	-	-	-	-	-	-	-	-	-	5,000,000
EN20015	Collection System Upgrades 19/20	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000
EN14042	RP-1 1158 RWPS Upgrades	4,671,728	-	-	-	-	-	-	-	-	-	4,671,728
EN16011	Whispering Lakes Pump Station Rehab	-	-	-	-	-	4,500,000	-	-	-	-	4,500,000
EN17042	Digester 6 and 7 Roof Repairs	1,500,000	2,800,000	-	-	-	-	-	-	-	-	4,300,000
EN19025	Montclair and San Bernardino Force Main	1,050,000	3,000,000	-	-	-	-	-	-	-	-	4,050,000
PL19001	Purchase Existing Solar Installation	-	-	-	-	-	3,500,000	-	-	-	-	3,500,000
RW15004	Lower Day Basin RMPU Improvements	-	3,404,044	-	-	-	-	-	-	-	-	3,404,044
EN18025	RP-1 Secondary System Rehabilitation	-	1,200,000	1,000,000	1,000,000	-	-	-	-	-	-	3,200,000
EN19003	RP-1 Outfall Parallel Line	-	-	-	230,000	1,925,000	960,000	-	-	-	-	3,115,000
EN19010	RP-4 Influent Screen Replacement	2,850,000	-	-	-	-	-	-	-	-	-	2,850,000
EN15012	RP-1 Primary Effluent Conveyance Improve	2,660,000	-	-	-	-	-	-	-	-	-	2,660,000
EN19009	RP-1 Energy Recovery	1,000,000	1,500,000	-	-	-	-	-	-	-	-	2,500,000
EN22004	1158 East Reservoir Re-coating/painting	1,000,000	1,200,000	-	-	-	-	-	-	-	-	2,200,000
EN19027	NRW Pipeline Relining Along Cucamonga Cr	2,150,000	-	-	-	-	-	-	-	-	-	2,150,000
EN18036	CCWRF Asset Management and Improvement	2,086,500	15,000	-	-	-	-	-	-	-	-	2,101,500
EN20014	NRWS Manhole Upgrades - 19/20	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
EP20004	Agency Wide Vehicle Replacement	500,000	150,000	154,500	159,135	163,909	168,826	173,891	179,108	184,481	150,000	1,983,850
EN22002	NRW East End Flowmeter Replacement	1,600,000	50,000	-	-	-	-	-	-	-	-	1,650,000
WR15021	Napa Lateral	1,605,496	-	-	-	-	-	-	-	-	-	1,605,496
EN20051	RP-1 MCB and Old Lab Building Rehab	200,000	700,000	600,000	100,000	-	-	-	-	-	-	1,600,000
EP21004	North Major Facilities Repair/Replacemnt	-	150,000	154,500	159,135	163,909	168,826	173,891	179,108	184,481	190,015	1,523,865
EN19026	CCWRF 12kV Switchgear	-	-	1,500,000	-	-	-	-	-	-	-	1,500,000
PL17002	HQ Solar Photovoltaic Power Plants Ph. 2	-	-	-	300,000	1,100,000	-	-	-	-	-	1,400,000
EN21004	1158 West Reservoir Re-coating/painting	1,200,000	-	-	-	-	-	-	-	-	-	1,200,000
EN15002	1158 Reservoir Site Cleanup	100,000	1,000,000	-	-	-	-	-	-	-	-	1,100,000
EN24003	Wineville Basin Pipeline	-	-	-	-	-	-	1,000,000	-	-	-	1,000,000
EN18004	RP-1 IPS System Improvements	-	525,000	300,000	-	-	-	-	-	-	-	825,000
EN18037	CCWRF Asset Management and Improvement	770,000	15,000	-	-	-	-	-	-	-	-	785,000
EN20006	RP-1 Digester Mixing Upgrade	-	250,000	500,000	-	-	-	-	-	-	-	750,000
EP20005	GapVax Replacement	750,000	-	-	-	-	-	-	-	-	-	750,000
EN20041	RP-1 Tertiary Treatment FM-1 Bleach Mixing &	50,000	340,000	290,000	-	-	-	-	-	-	-	680,000
FM20005	Agency Wide HVAC Replacement	120,000	250,000	100,000	100,000	100,000	-	-	-	-	-	670,000
EN20046	RP-1 TP-1 Wash Water Basin Pumps Replacem	250,000	400,000	-	-	-	-	-	-	-	-	650,000
EP20003	South Major Facilities Repair/Replacemen	618,000	-	-	-	-	-	-	-	-	-	618,000
EN17045	RP-1 Filter Valve Replacement	600,000	-	-	-	-	-	-	-	-	-	600,000
EP20002	North Major Facilities Repair/Replacemen	600,000	-	-	-	-	-	-	-	-	-	600,000
EN20044	RP-1 Plant 3 Primary Cover Replacement	200,000	400,000	-	-	-	-	-	-	-	-	600,000
EN14043	RP-5 RW Pipeline Bottleneck	515,000	-	-	-	-	-	-	-	-	-	515,000
EN20021	Agency SCADA Integration with SAP	250,000	250,000	-	-	-	-	-	-	-	-	500,000
EN21002	Chino Creek Wetlands & Educational Park	500,000	-	-	-	-	-	-	-	-	-	500,000
EN26021	Regional Conveyance AMP	-	-	-	-	-	-	500,000	-	-	-	500,000
EN26022	RP-4 Tertiary Expansion	-	-	-	-	-	-	500,000	-	-	-	500,000
IS20003	BIZ Infrastructure Replacement Project	300,000	110,000	-	-	-	-	-	-	-	-	410,000
EN20040	Headquarters Campus Driveway Improvement	400,000	-	-	-	-	-	-	-	-	-	400,000
EN17041	Orchard Recycled Water Turnout Improveme	350,000	-	-	-	-	-	-	-	-	-	350,000
EN20037	Agency Wide Chemical Containment Coating R	350,000	-	-	-	-	-	-	-	-	-	350,000
EN18042	RP-1 Civil Restoration and Upgrades	320,000	-	-	-	-	-	-	-	-	-	320,000
EN19021	San Bernardino Lift Station Facility Imp	-	300,000	-	-	-	-	-	-	-	-	300,000
EN19029	RP-4 Outfall Pipeline Air Relief/Blow-Of	245,000	-	-	-	-	-	-	-	-	-	245,000
EN26020	Lift Station AMP Projects	-	-	-	-	-	-	200,000	-	-	-	200,000

2019/20 TYCIP List of Projects												
Project No.	Name	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	10 Years
LB20001	ICPinstrument	200,000	-	-	-	-	-	-	-	-	-	200,000
EN20045	RP-1 TP-1 Level Sensor Replacement	200,000	-	-	-	-	-	-	-	-	-	200,000
IS21006	Replace RP-1 Trailer	-	200,000	-	-	-	-	-	-	-	-	200,000
FM20004	HQ Door System Upgrades	180,000	-	-	-	-	-	-	-	-	-	180,000
EN20055	CCWRF Tertiary Panel Rebuild	170,000	-	-	-	-	-	-	-	-	-	170,000
EN20042	RP-1 Headworks Sump Pump Redundancy	75,000	75,000	-	-	-	-	-	-	-	-	150,000
IS20010	Control System Replacement Projects	150,000	-	-	-	-	-	-	-	-	-	150,000
EN17080	System Cathodic Protection Improvements	130,000	-	-	-	-	-	-	-	-	-	130,000
IS20005	WW Infrastructure Replacement Project	122,000	8,000	-	-	-	-	-	-	-	-	130,000
IS20004	WW Cybersecurity Projects	30,000	80,000	-	-	-	-	-	-	-	-	110,000
IS20007	Control System Enterprise Historian Enhancem	65,000	45,000	-	-	-	-	-	-	-	-	110,000
EN20022	1299 Reservoir Paint/Coating Repairs and	-	100,000	-	-	-	-	-	-	-	-	100,000
EP20006	Fleet OBDM System	85,000	-	-	-	-	-	-	-	-	-	85,000
EN24005	1630 West Reservoir Paint/Coating Repair	-	-	-	75,000	-	-	-	-	-	-	75,000
EN24006	930 Reservoir Paint/Coating Repairs and	-	-	-	-	75,000	-	-	-	-	-	75,000
IS20001	BIZ Microwave Upgrade Phase 1	70,000	-	-	-	-	-	-	-	-	-	70,000
IS21001	BIZ Microwave Upgrade Phase II	-	70,000	-	-	-	-	-	-	-	-	70,000
EN20048	RP-4 1158 RW Wet Well Level Sensors	65,000	-	-	-	-	-	-	-	-	-	65,000
LB20004	TurboVap Replacements	60,000	-	-	-	-	-	-	-	-	-	60,000
EN15008	Water Quality Laboratory	50,000	-	-	-	-	-	-	-	-	-	50,000
EN17044	RP-1 12 kV Switchgear and Generator Cont	50,000	-	-	-	-	-	-	-	-	-	50,000
LB20003	Titration	50,000	-	-	-	-	-	-	-	-	-	50,000
IS20006	BIZ New Workstations	20,000	20,000	-	-	-	-	-	-	-	-	40,000
IS20002	BIZ Cybersecurity Project (Hardware)	30,000	-	-	-	-	-	-	-	-	-	30,000
IS20009	Control System Enhancement Projects	30,000	-	-	-	-	-	-	-	-	-	30,000
IS21003	Wireless Manager Software Replacement	-	30,000	-	-	-	-	-	-	-	-	30,000
IS21008	GWR Infrastructure Replacement Project	-	30,000	-	-	-	-	-	-	-	-	30,000
IS20012	BIZ Backup System SAN	20,000	-	-	-	-	-	-	-	-	-	20,000
IS21004	Secure Access for RP-2	-	20,000	-	-	-	-	-	-	-	-	20,000
EN14019	RP-1 Headworks Primary and Secondary Upg	15,000	-	-	-	-	-	-	-	-	-	15,000
EN18055	Headquarters Roofing	15,000	-	-	-	-	-	-	-	-	-	15,000
EN16049	Conference Rooms Audio Visual Upgrades	10,000	-	-	-	-	-	-	-	-	-	10,000
IS20013	RW Remote Station RACO Alarm	10,000	-	-	-	-	-	-	-	-	-	10,000
Total		91,848,724	185,473,584	160,493,677	102,608,575	94,527,382	41,114,083	38,735,706	42,518,278	49,701,826	116,896,365	923,918,200

FY 2019/20 – 2028/29 Ten Year Capital Improvement Plan (TYCIP) Review



Projects Are Needed to Support

Expansion &
Improvement

Replacement &
Rehabilitation

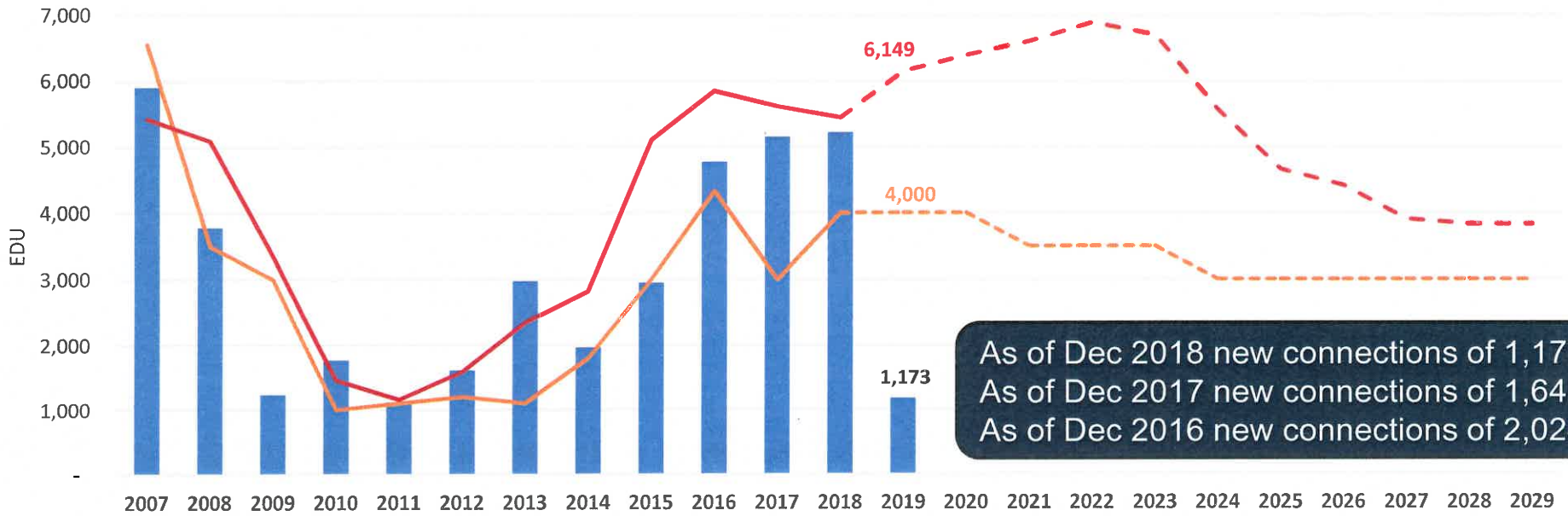
Regulatory
Compliance

Efficiency

- Member Agency growth projections
- 2015 Wastewater Facilities Master Plan
- 2015 Recycled Water Program Strategy Update
- 2015 Regional Use Efficiency Business Plan
- 2015 Energy Management Plan
- 2016 Integrated Water Resources Plan

New Wastewater Connections

Member Agencies Projections 52,975 new EDUs



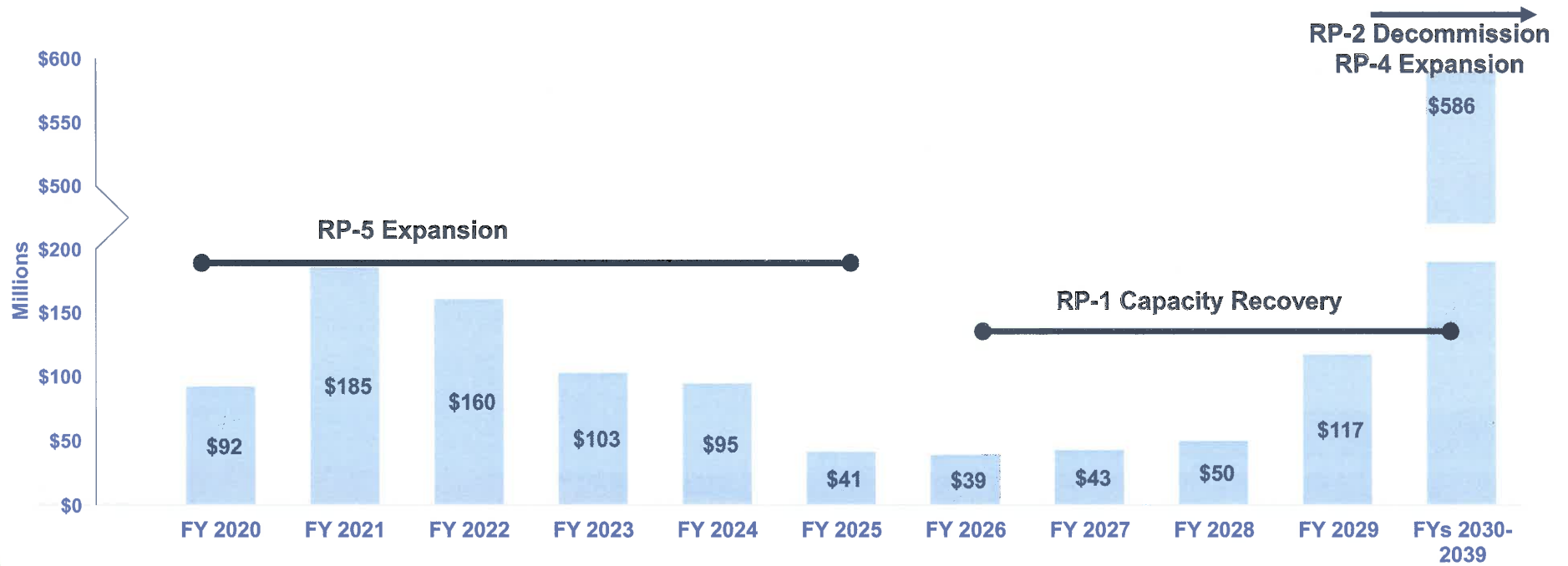
As of Dec 2018 new connections of 1,173
 As of Dec 2017 new connections of 1,645
 As of Dec 2016 new connections of 2,024

Actual IEUA Projections 18/19 Member Agencies Projections Oct'18



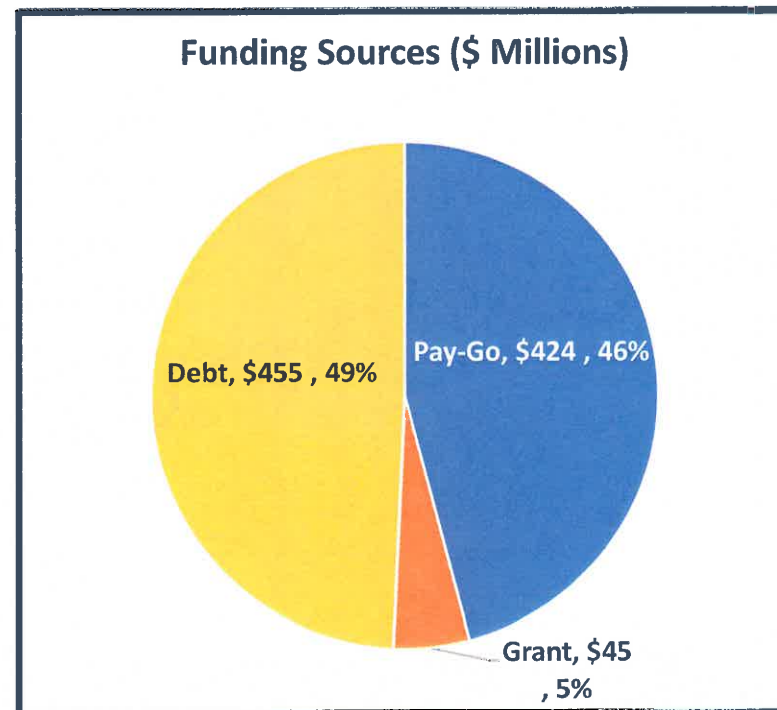
Proposed TYCIP \$923.9M

Nearly 70% planned over the first five years



TYCIP Proposed Capital Projects by Program and Funding Sources

Fund (\$ Millions)	FYs 2020 – 2029 Proposed TYCIP
Regional Wastewater Capital	\$514.4
Recycled Water	\$204.4
Regional Wastewater Operations & Maintenance	\$106.2
Non-Reclaimable Wastewater	\$30.8
Water Resources	\$28.0
Recharge Water	\$26.5
Administrative Services	\$13.6
Total	\$923.9



+/- Totals may not add due to rounding

Other Considerations

- Asset Management
 - Carbon Canyon Wastewater Recycling Facility
 - RP-4 improvements
- Repair and Replacement (R&R)
- Chino Basin Program

CBP Impact to Future TYCIP

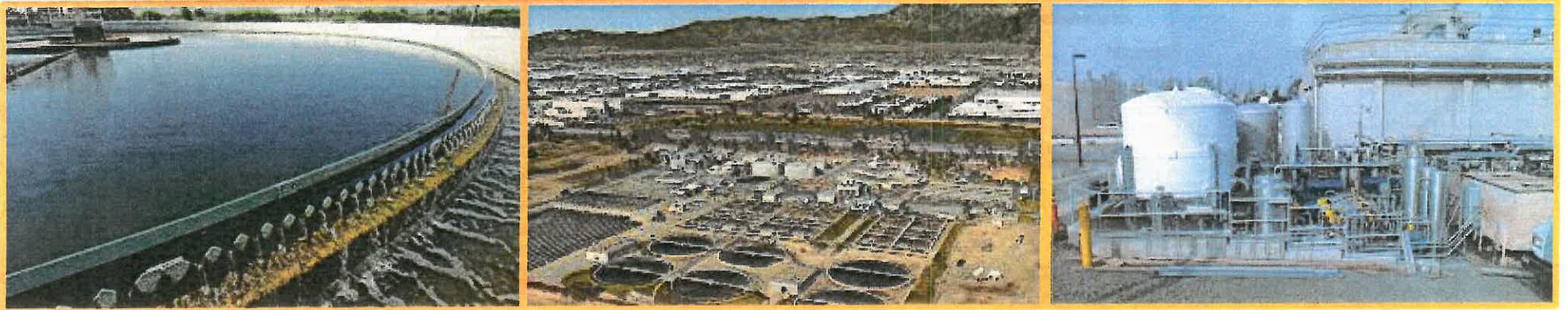
Project Component	TYCIP Cost \$ (Millions)	CBP Cost \$ (Millions)
Recycled Water Connections	\$100	\$80
Advanced Wastewater Treatment Plant	\$101	\$100
Groundwater Production Facilities (well, treatment facilities, pump stations)	-	\$100
Water Distribution System Interconnections (pipelines, interconnections to State Water Contractor)	-	\$105
Total Cost	\$201	\$385

Review and Approval Timeline

Month	IEUA Committee	IEUA Board	Regional Technical Committee	Regional Policy Committee
March	03/13	03/20	03/28	
April	04/10	04/03 04/17	04/25	04/04
May	05/08	05/15	05/30	05/02
June	06/12	06/19		06/06

INFORMATION
ITEM
3C

Asset Management Program Update

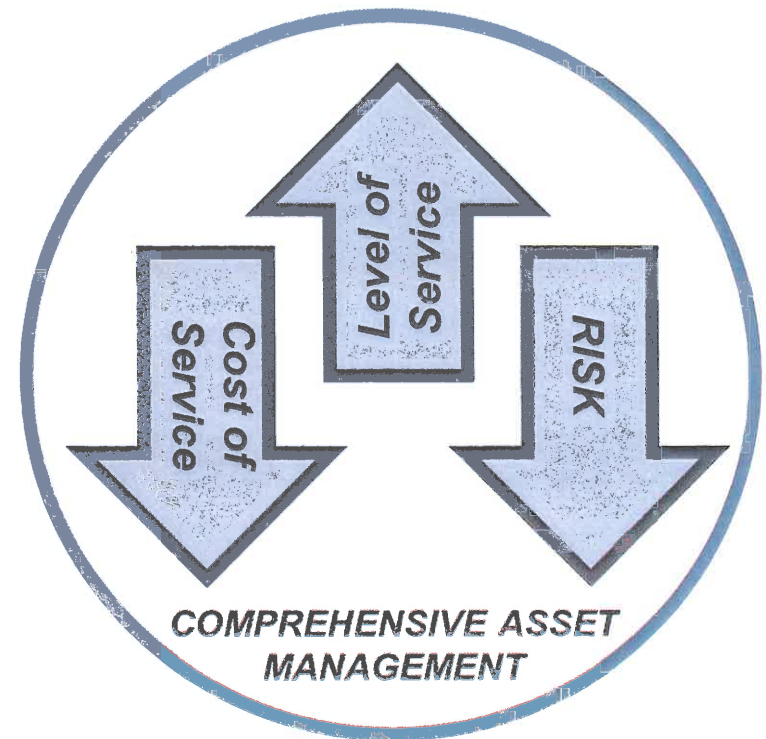


What is Asset Management (AM)?

Definition

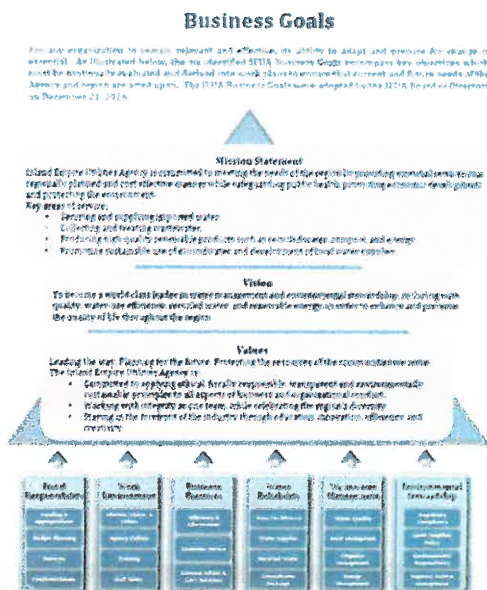
Asset Management is an integrated set of processes that minimize the lifecycle costs of owning, operating, and maintaining assets, at an acceptable level of risk, while continuously delivering established levels of service now and for the future.

*Doing the **right projects**, at the **right cost**, at the **right time**.*



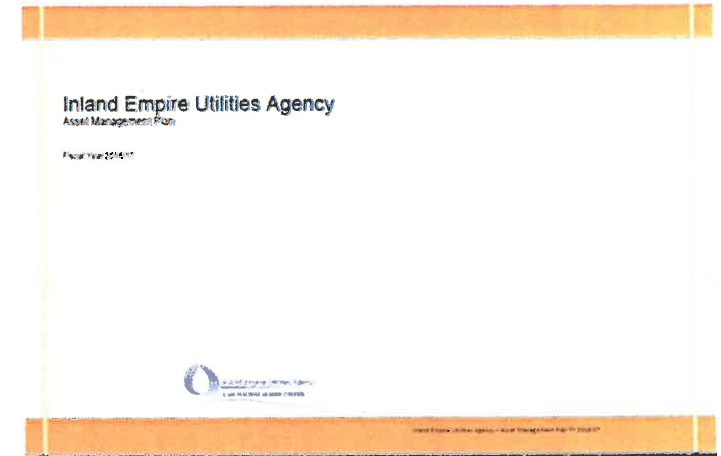
Effective Asset Management Consistent with its Business Goals

- Fund operations and capital investments by maintaining reasonable service rates and fees that fully support the costs of service. (Fiscal Responsibility)
- Plan for multi-year budgets and rate requirements in support of maintaining fiscal stability for IEUA and the member agencies. (Fiscal Responsibility)
- Apply best industry practices in all processes to maintain or improve the quality and value of the services we provide to our member agencies and the public. (Business Practices)
- Ensure that Agency systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements. (Wastewater Management)



Agency Completed Asset Management Program Elements

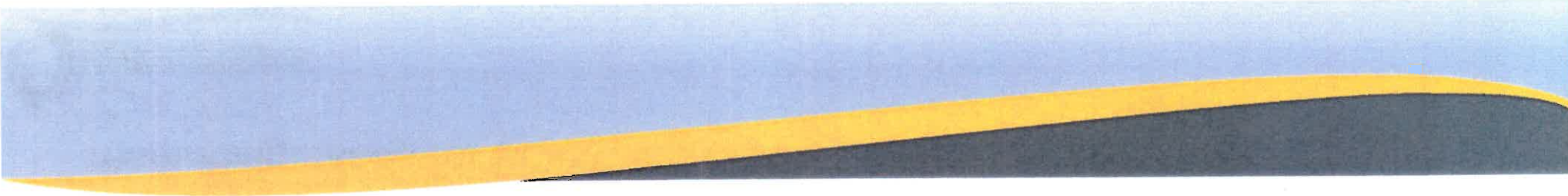
- Asset Management Plan Completed in FY 2016/17
 - Inventory of assets
 - Preliminary condition assessments
 - Advanced monitoring of selected equipment
 - Preliminary standardization of select equipment
- Criticality Assessment (Risk)
 - San Bernardino Lift Station
- AM Gap Assessment and Road Map - Current



AM Road Map to Achieve Agency Business Goals

- Develop the AM policy (including vision, mission, goals & objectives) for Board endorsement
- Complete the AM maturity assessment, AM roadmap of improvement initiatives and implementation strategy
- Present the outcomes of above with initial resourcing needs for Board approval





QUESTIONS



INFORMATION
ITEM
3D



Date: March 20, 2019

To: The Honorable Board of Directors

From: Kirby Brill, Interim General Manager ^{KB}

Committee: Finance & Administration

03/13/19

Executive Contact: Christina Valencia, Executive Manager of Finance & Administration/AGM

Subject: Treasurer's Report of Financial Affairs

Executive Summary:

The Treasurer's Report of Financial Affairs for the month ended January 31, 2019 is submitted in a format consistent with the State requirement.

For the month of January 2019, total cash, investments, and restricted deposits of \$233,808,378 reflects an increase of \$13,601,819 compared to the total of \$220,206,559 reported for December 2018. The average days cash on hand for the month ended January 31, 2019 increased from 215 days to 243 days due to property tax receipts and EDU billing receipts.

The unrestricted Agency investment portfolio yield in January 2019 was 2.535 percent which was a 0.1 percent increase compared to the December 2018 yield of 2.434 percent. Increases in CAMP and LAIF yields account for the slight increase.

Staff's Recommendation:

The Treasurer's Financial Affairs Report for the month ended January 31, 2019 is an information item for the Board of Director's review.

Budget Impact *Budgeted* (Y/N): N *Amendment* (Y/N): N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Interest earned on the Agency's investment portfolio increases the Agency's overall reserves.

Full account coding (internal AP purposes only):

- - -
- - -

Project No.:

Prior Board Action:

On February 20, 2019 the Board of Directors approved the Treasurer's Financial Affairs Report for the month ended December 31, 2018.

Environmental Determination:

Not Applicable

Business Goal:

The Financial Affairs report is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for cash and investment activities to fund operating requirements and to optimize investment earnings.

Attachments:

Attachment 1 - Background

Attachment 2 - PowerPoint

Attachment 3 - Treasurer's Report of Financial Affairs

Background

Subject: Treasurer's Report of Financial Affairs

The Treasurer's Report of Financial Affairs for the month ended January 31, 2019 is submitted in a format consistent with State requirements. The monthly report denotes investment transactions that have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2018-2-5).

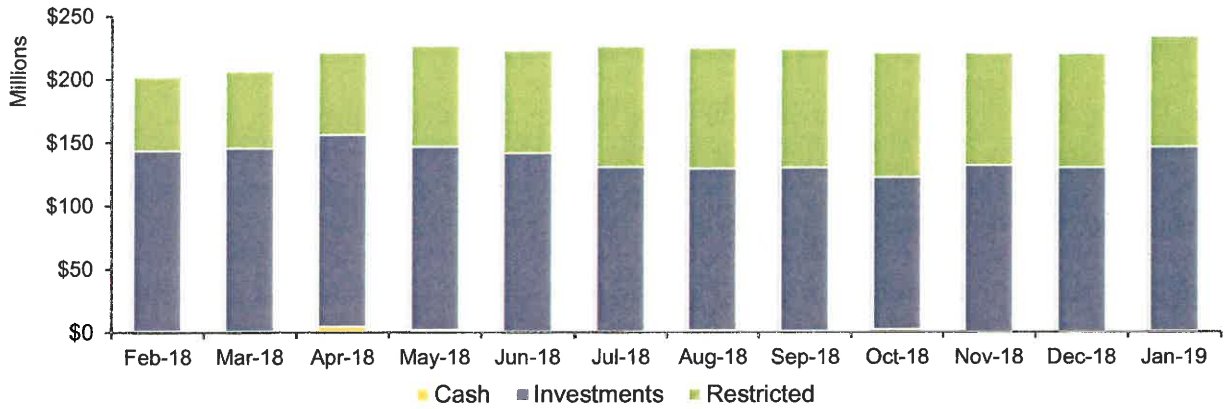
Agency total cash, investments, and restricted deposits for the month of January 2019 was \$233.8 million, an increase of \$13.6 million from the \$220.2 million reported for the month ended December 31, 2018.

Table 1 represents the unrestricted Agency investment portfolio, by authorized investment and duration, with total portfolio amount of \$145.4 million. The Agency portfolio excludes cash and restricted deposits in the amount of \$88.4 million held by member agencies and with fiscal agents.

Table 1: Agency Portfolio

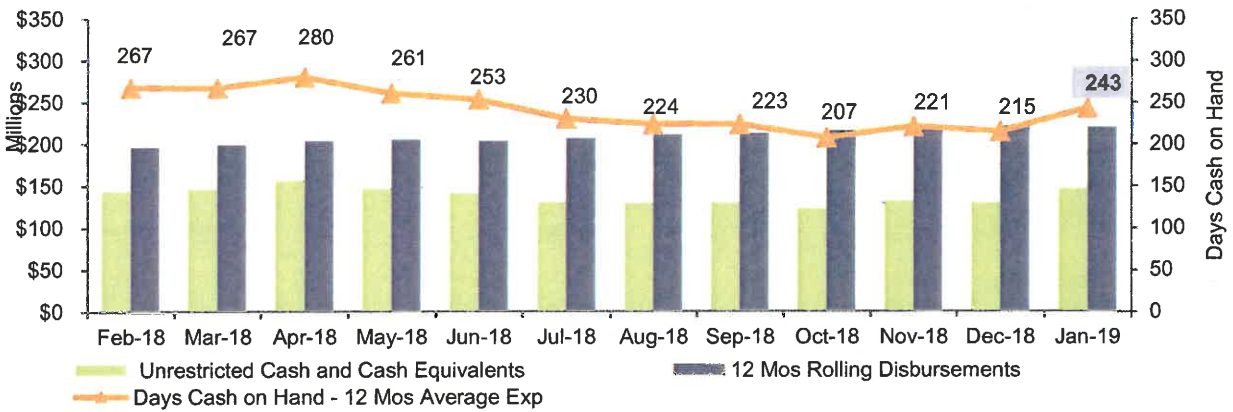
Authorized Investments	Allowable Threshold (\$ million or %)	Investment Value as of January 31, 2019 (\$ million)				Average Yield %	Portfolio% (Unrestricted)
		Under 1 Year	1-3 Years	Over 3 Years	Total		
LAIF- Unrestricted	\$65	\$14.7	\$0	\$0	\$14.7	2.36%	10.1%
CAMP - Unrestricted	n/a	34.9			34.9	2.62	23.9
Citizens Business Bank – Sweep	40%	5.3			5.3	1.10	3.7
Sub-Total Agency Managed		\$54.9	\$0	\$0	\$54.9	2.40%	37.7%
Brokered Certificates of Deposit	30%	\$0.5	\$3.8	\$0	\$4.3	2.94%	3.0%
Commercial Paper	25%	1.0			1.0	3.07	0.7
Medium Term Notes	30%	1.5	5.2	6.8	13.5	2.94	9.3
Municipal Bonds	10%	1.0			1.0	1.75	0.7
US Treasury Notes	n/a		14.7	25.2	39.9	2.66	27.4
US Gov't Securities	n/a	6.7	17.5	6.6	30.8	2.38	21.2
Sub-Total PFM Managed		\$10.7	\$41.2	\$38.6	\$90.5	2.62%	62.3%
Total		\$65.6	\$41.2	\$38.6	\$145.4	2.54%	100.0%

Figure 1: Cash, Investments, and Restricted Deposits



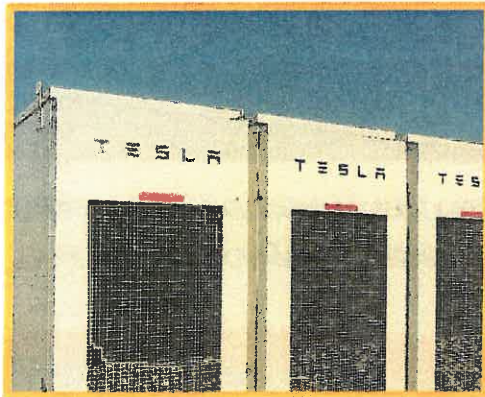
Average days cash on hand is calculated using the monthly ending balance of unrestricted cash and cash equivalents divided by disbursements associated with operating expenses, debt service, and capital expenditures as recorded in the Agency’s cash flow. A combination of property tax receipts and EDU billings receipts resulted in an increase of the average days cash on hand for the month ended January 31, 2019 from 215 to 243 as shown in Figure 2.

Figure 2: Days Cash on Hand – 12 Month Rolling Average



Monthly cash and investment summaries are available on the Agency’s website at www.ieua.org/fy-2018-19-cash-and-investment/.

Treasurer's Report of Financial Affairs for January 31, 2019



Agency Liquidity

- The average days of cash on hand for the month ended January 31, 2019 increased from 215 days to 243 days due to property tax receipts and EDU billing receipts.

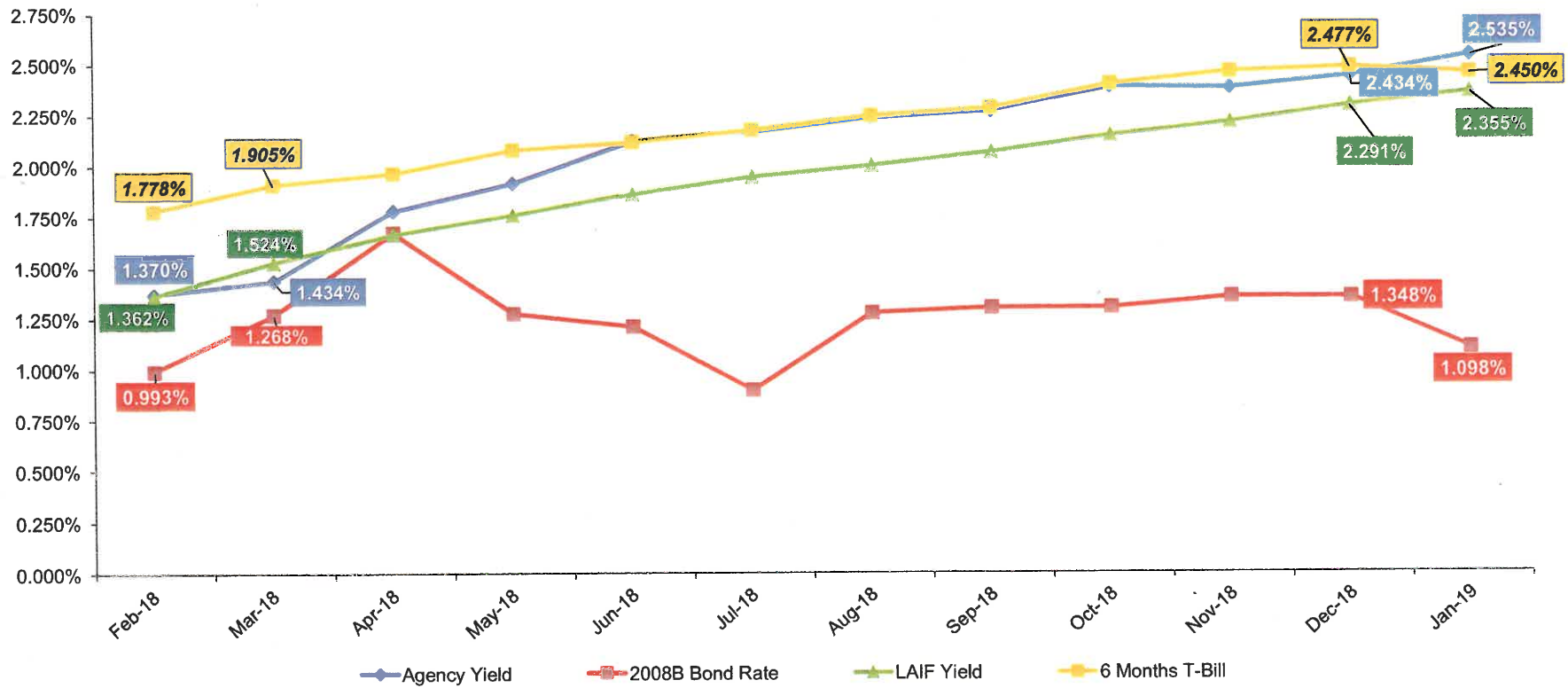
Description	January (\$ million)	December (\$ million)	Increase/ (Decrease) (\$ million)
Investment Portfolio	\$145.4	\$129.9	\$15.5
Cash and Restricted Deposits	\$88.4	\$90.3	(\$1.9)
Total Investments, Cash, and Restricted Deposits	\$233.8	\$220.2	\$13.6
Investment Portfolio Yield	2.535%	2.434%	0.101%
Weighted Average Duration (Years)	1.08	1.03	0.05
Average Cash on Hand (Days)	243	215	28

Monthly cash and investment summaries available at: <http://www.ieua.org/fy-2018-19-cash-and-investment/>

Agency Investment Position

Authorized Investments	Allowable Threshold (\$ million or %)	Under 1 Year	1 – 3 Years	Over 3 Years	Total	Average Yield %	Portfolio % (Unrestricted)
Local Agency Investment Fund	\$65	\$14.7	\$0	\$0	\$14.7	2.36%	10.1%
California Asset Management Program	n/a	34.9			34.9	2.62	23.9
Citizens Business Bank – Sweep	40%	5.3			5.3	1.10	3.7
Sub-Total Agency Managed		\$54.9	\$0	\$0	\$54.9	2.40%	37.7%
Brokered Certificates of Deposit (CD)	30%	\$0.5	\$3.8	\$0	\$4.3	2.94%	3.0%
Commercial Paper	25%	1.0			1.0	3.07	0.7
Medium Term Notes	30%	1.5	5.2	6.8	13.5	2.94	9.3
Municipal Bonds	10%	1.0			1.0	1.75	0.7
US Treasury Notes	n/a		14.7	25.2	39.9	2.66	27.4
US Government Securities	n/a	6.7	17.5	6.6	30.8	2.38	21.2
Sub-Total PFM Managed		\$10.7	\$41.2	\$38.6	\$90.5	2.62%	62.3%
Total		\$65.6	\$41.2	\$38.6	\$145.4	2.54%	100.0%

Month End Portfolio Yield Comparison



Questions



The Treasurer's Report of Financial Affairs is consistent with the Agency's business goal of fiscal responsibility.

TREASURER'S REPORT OF FINANCIAL AFFAIRS

For the Month Ended January 31, 2019



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT

All investment transactions have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2018-2-5) adopted by the Inland Empire Utilities Agency's Board of Directors during its regular meeting held on February 21, 2018.

The funds anticipated to be available during the next six-month period are expected to be sufficient to meet all foreseen expenditures during the period.

* A Municipal Water District

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

	January	December	Variance
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>	\$759,650	(\$14,073)	\$773,723
<u>Investments</u>			
Agency Managed			
Citizens Business Bank (CBB) Repurchase (Sweep)	\$5,350,189	\$7,902,240	(\$2,552,051)
Local Agency Investment Fund (LAIF)	14,694,161	7,634,225	7,059,936
California Asset Management Program (CAMP)	34,874,833	32,799,184	2,075,649
Total Agency Managed Investments	54,919,183	48,335,649	6,583,534
PFM Managed			
Certificates of Deposit	\$4,349,634	\$4,349,612	22
Municipal Bonds	999,258	999,153	105
Commercial Paper	1,003,935	1,001,300	2,635
Medium Term Notes	13,457,410	11,872,374	1,585,036
U.S. Treasury Notes	39,849,660	33,364,190	6,485,470
U.S. Government Sponsored Entities	30,837,852	29,959,412	878,440
Total PFM Managed Investments	90,497,749	81,546,041	8,951,708
Total Investments	\$145,416,932	\$129,881,690	\$15,535,242
Total Cash and Investments Available to the Agency	\$146,176,582	\$129,867,617	\$16,308,965
<u>Restricted Deposits</u>			
CAMP Water Connection Reserve	\$12,439,085	\$12,221,931	\$217,154
LAIF Self Insurance Reserve	6,106,308	6,056,953	49,355
Debt Service Accounts	2,948,059	2,582,960	365,099
Capital Capacity Reimbursement Account (CCRA) Deposits Held by Member Agencies**	51,296,296	55,344,735	(4,048,439)
California Employers' Retirement Benefit Trust Account - CERBT (Other Post Employment Benefits - OPEB)	14,234,360	13,524,923	709,437
Escrow Deposits	607,688	607,440	248
Total Restricted Deposits	\$87,631,796	\$90,338,942	(\$2,707,146)
Total Cash, Investments, and Restricted Deposits	\$233,808,378	\$220,206,559	\$13,601,819

Total Cash, Investments, and Restricted Deposits

**Reported total as of December 2018 net of capital call.

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

Cash, Bank Deposits, and Bank Investment Accounts

CBB Demand Account (Negative balance offset by CBB Sweep Balance)	\$403,815
CBB Payroll Account	-
CBB Workers' Compensation Account	30,212
Subtotal Demand Deposits	\$434,027

Other Cash and Bank Accounts

Petty Cash	\$2,250
Subtotal Other Cash	\$2,250

US Bank Pre-Investment Money Market Account

\$323,373

Total Cash and Bank Accounts

\$759,650

Unrestricted Investments

CBB Repurchase (Sweep) Investments

Fannie Mae Bond	\$5,137,644
Federal Home Loan	212,545
Subtotal CBB Repurchase (Sweep)	\$5,350,189

Local Agency Investment Fund (LAIF)

LAIF Fund	\$14,694,161
Subtotal Local Agency Investment Fund	\$14,694,161

California Asset Management Program (CAMP)

Short Term	\$34,874,833
Subtotal CAMP	\$34,874,833

Subtotal Agency Managed Investment Accounts

\$54,919,183

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

Unrestricted Investments Continued

Brokered Certificates of Deposit

Brokered Certificates of Deposit	\$4,349,634
Subtotal Brokered Certificates of Deposit	<u>\$4,349,634</u>

Commercial Paper

JP Morgan Securities	\$1,003,935
Subtotal Commercial Paper	<u>\$1,003,935</u>

Municipal Bonds

State and Local Municipal Bonds	\$999,258
Subtotal Municipal Bonds	<u>\$999,258</u>

Medium Term Notes

Wells Fargo Bank	\$1,501,264
UPS of America Inc	771,504
Hershey Company	334,822
American Honda Finance	774,759
Boeing Co	777,061
Toyota Motor	1,182,851
Bank of NY Mellon	1,376,780
American Express	788,304
Walt Disney Company	801,861
Visa Inc	800,414
Bank of America	774,298
Oracle Corp	1,393,757
Burlington North Santa Fe Corp	792,191
Bank of NY Mellon	1,387,544
Subtotal Medium Term Notes	<u>\$13,457,410</u>

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

Unrestricted Investments Continued

U.S. Treasury Notes

Treasury Note	\$39,849,660
Subtotal U.S. Treasury Notes	<u>\$39,849,660</u>

U.S. Government Sponsored Entities

Fannie Mae Bank	\$11,318,165
Freddie Mac Bank	9,463,343
Federal Home Loan Bank	10,056,344
Subtotal U.S. Government Sponsored Entities	<u>\$30,837,852</u>

Subtotal PFM Managed Investment Accounts	<u>\$90,497,749</u>
---	----------------------------

<i>Total Investments</i>	<u>\$145,416,932</u>
---------------------------------	-----------------------------

Restricted Deposits

Investment Pool Accounts

CAMP -Water Connection Reserves	\$12,439,085
LAIF - Self Insurance Fund Reserves	6,106,308
Subtotal Investment Pool Accounts	<u>\$18,545,393</u>

Debt Service

2008B Debt Service Accounts	\$2,585,895
2010A Debt Service Accounts	361,250
2017A Debt Service Accounts	914
Subtotal Debt Service	<u>\$2,948,059</u>

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

Restricted Deposits Continued

CCRA Deposits Held by Member Agencies

City of Chino	\$9,034,826
Cucamonga Valley Water District	8,996,641
City of Fontana	6,195,032
City of Montclair	2,024,122
City of Ontario	16,773,586
City of Chino Hills	6,023,580
City of Upland	2,248,509
Subtotal CCRA Deposits Held by Member Agencies**	\$51,296,296

**Reported total as of December 2018 net of capital call.

CalPERS

CERBT Account (OPEB)	\$14,234,360
Subtotal CalPERS Accounts	\$14,234,360

Escrow Deposits

Kemp Brothers Construction	\$455,509
Genesis Construction	152,179
Subtotal Escrow Deposits	\$607,688

Total Restricted Deposits

\$87,631,796

Total Cash, Investments, and Restricted Deposits as of January 31, 2019

\$233,808,378

Total Cash, Investments, and Restricted Deposits as of 01/31/19
Less: Total Cash, Investments, and Restricted Deposits as of 12/31/18

\$233,808,378

220,206,559

Total Monthly Increase (Decrease)

\$13,601,819

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	January	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Value			Date	Value
Cash, Bank Deposits, and Bank Investment Accounts												
Citizens Business Bank (CBB)												
Demand Account					\$403,815	\$403,815	N/A	\$403,815		N/A	N/A	\$403,815
Payroll Checking					0	0	N/A	0		N/A	N/A	0
Workers' Compensation Account					30,212	30,212	N/A	30,212		N/A	N/A	30,212
Subtotal CBB Accounts					\$434,027	\$434,027		\$434,027				\$434,027
US Bank (USB)												
Custodial Money Market (Investment Mgmt.)					\$285,971	\$285,971	N/A	\$285,971		1.92%	N/A	\$285,971
Custodial Money Market (Debt Service)					37,402	37,402	N/A	37,402		1.92%	N/A	37,402
Subtotal USB Account					\$323,373	\$323,373		\$323,373		1.92%		\$323,373
Petty Cash					\$2,250	\$2,250	N/A	\$2,250		N/A	N/A	\$2,250
Total Cash, Bank Deposits and Bank Investment Accounts					\$759,650	\$759,650		\$759,650				\$759,650
Investments												
CBB Daily Repurchase (Sweep) Accounts												
Fannie Mae Bond					\$5,137,644	\$5,137,644	N/A	\$5,137,644		1.10%	N/A	\$5,137,644
Federal Home Loan					212,545	212,545		212,545		1.10%		212,545
Subtotal CBB Repurchase Accounts					\$5,350,189	\$5,350,189		\$5,350,189		1.10%		\$5,350,189
LAIF Accounts												
Non-Restricted Funds					\$14,694,161	\$14,694,161	N/A	\$14,694,161		2.355%	N/A	\$14,694,161
Subtotal LAIF Accounts					\$14,694,161	\$14,694,161		\$14,694,161		2.355%		\$14,694,161
CAMP Accounts												
Non-Restricted Funds					\$34,874,833	\$34,874,833	N/A	\$34,874,833		2.62%	N/A	\$34,874,833
Subtotal CAMP Accounts					\$34,874,833	\$34,874,833		\$34,874,833		2.62%		\$34,874,833
Subtotal Agency Managed Investment Accounts					\$54,919,183	\$54,919,183		\$54,919,183		2.40%		\$54,919,183
Brokered Certificates of Deposit (CDs)												
Ally Bank	N/R	N/R			\$243,000	\$243,000	722	\$243,000	1.45%	1.45%	03/11/19	\$242,806
Wells Fargo Bank	N/R	N/R			242,000	242,000	729	242,000	1.55%	1.55%	03/15/19	241,807
Bank of Nova Scotia Houston	A+	Aa2			1,410,000	1,409,464	730	1,409,634	3.08%	3.10%	06/05/20	1,418,439
Bank of Montreal Chicago	A+	Aa2			1,400,000	1,400,000	731	1,400,000	3.19%	3.23%	08/03/20	1,403,816
Synchrony Bank	N/R	N/R			240,000	240,000	1827	240,000	2.25%	2.25%	10/02/20	238,246
Royal Bank of Canada NY	AA-	Aa2			815,000	815,000	1095	815,000	3.24%	3.24%	06/07/21	820,618
Subtotal Brokered CDs					\$4,350,000	\$4,349,464		\$4,349,634		2.94%		\$4,365,732

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	January Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
	S&P	Moody's	S&P	Moody's								
Investments (continued)												
US Treasury Note												
US Treasury Note	AA+	Aaa			\$2,195,000	\$2,149,128	819	\$2,165,020	1.500%	2.46%	07/15/20	\$2,163,618
US Treasury Note	AA+	Aaa			2,225,000	2,201,012	1019	2,207,668	2.125%	2.53%	01/31/21	2,209,790
US Treasury Note	AA+	Aaa			1,900,000	1,886,938	753	1,887,077	2.250%	2.59%	02/15/21	1,891,613
US Treasury Note	AA+	Aaa			2,850,000	2,715,627	1153	2,746,391	1.125%	2.69%	06/30/21	2,763,275
US Treasury Note	AA+	Aaa			2,615,000	2,588,543	1201	2,594,752	2.250%	2.57%	07/31/21	2,601,823
US Treasury Note	AA+	Aaa			580,000	567,426	1202	569,445	2.000%	2.69%	10/31/21	573,135
US Treasury Note	AA+	Aaa			2,555,000	2,480,346	1323	2,496,159	1.750%	2.60%	11/30/21	2,506,795
US Treasury Note	AA+	Aaa			2,500,000	2,418,750	1436	2,434,059	1.875%	2.75%	03/31/22	2,458,202
US Treasury Note	AA+	Aaa			3,070,000	2,969,266	1336	2,982,466	1.875%	2.82%	03/31/22	3,018,673
US Treasury Note	AA+	Aaa			3,790,000	3,678,225	1332	3,690,464	1.875%	2.75%	04/30/22	3,726,635
US Treasury Note	AA+	Aaa			2,550,000	2,476,090	1474	2,490,022	1.875%	2.64%	04/30/22	2,505,375
US Treasury Note	AA+	Aaa			1,300,000	1,252,570	1456	1,259,105	1.750%	2.72%	06/30/22	1,271,156
US Treasury Note	AA+	Aaa			2,065,000	1,980,706	1577	1,992,950	1.750%	2.76%	09/30/22	2,015,634
US Treasury Note	AA+	Aaa			1,600,000	1,546,625	1641	1,555,053	2.000%	2.80%	10/31/22	1,575,000
US Treasury Note	AA+	Aaa			1,040,000	990,356	1580	993,901	1.750%	2.93%	01/31/23	1,012,659
US Treasury Note	AA+	Aaa			1,260,000	1,191,980	1778	1,202,505	1.500%	2.69%	02/28/23	1,214,128
US Treasury Note	AA+	Aaa			1,275,000	1,206,269	1699	1,214,389	1.500%	2.74%	02/28/23	1,228,582
US Treasury Note	AA+	Aaa			\$2,000,000	\$1,899,453	1618	\$1,899,929	1.38%	2.58%	06/30/23	\$1,910,704
US Treasury Note	AA+	Aaa			\$2,525,000	\$2,479,826	1786	\$2,480,382	2.13%	2.52%	11/30/23	\$2,488,211
US Treasury Note	AA+	Aaa			\$985,000	\$987,924	1795	\$987,923	2.63%	2.56%	12/31/23	\$993,157
Subtotal US Treasuries					\$40,880,000	\$39,667,060		\$39,849,660		2.66%		\$40,128,165
U.S. Government Sponsored Entities												
Fannie Mae Step Bond	AA+	Aaa			1,500,000	1,500,000	1,095	1,500,000	1.25%	1.33%	07/26/19	1,500,105
Fannie Mae Bond	AA+	Aaa			900,000	899,460	1,169	899,460	1.25%	1.27%	08/23/19	893,660
Fannie Mae Bond	AA+	Aaa			1,350,000	1,350,000	1,173	1,350,000	1.25%	1.25%	08/26/19	1,340,347
Freddie Mac Bond	AA+	Aaa			3,000,000	2,972,928	1,359	2,995,026	1.25%	1.50%	10/02/19	2,974,656
Federal Home Loan Bank	AA+	Aaa			4,800,000	4,766,640	658	4,780,757	2.13%	2.52%	02/11/20	4,777,037
Federal Home Loan Bank	AA+	Aaa			2,500,000	2,495,600	712	2,497,360	2.38%	2.47%	03/30/20	2,498,385
Freddie Mac Bond	AA+	Aaa			2,500,000	2,485,350	1,036	2,489,359	2.38%	2.59%	02/16/21	2,494,055
Freddie Mac Bond	AA+	Aaa			2,550,000	2,527,994	1,028	2,533,875	2.38%	2.70%	02/16/21	2,543,936
Fannie Mae Bond	AA+	Aaa			2,510,000	2,502,671	1,092	2,504,556	2.50%	2.60%	04/13/21	2,511,795
Federal Home Loan Bank	AA+	Aaa			1,865,000	1,882,717	1,001	1,882,598	3.00%	2.63%	10/21/21	1,889,790
Fannie Mae Bond	AA+	Aaa			795,000	794,428	1,096	794,438	2.63%	2.65%	01/11/22	797,430
Fannie Mae Bond	AA+	Aaa			1,655,000	1,603,678	1,632	1,612,309	2.00%	2.74%	10/05/22	1,625,266
Freddie Mac Bond	AA+	Aaa			1,450,000	1,444,461	1,810	1,445,083	2.75%	2.83%	06/19/23	1,463,913
Fannie Mae Bond	AA+	Aaa			855,000	853,273	1,741	853,336	2.88%	2.92%	09/12/23	868,135
Fannie Mae Bond	AA+	Aaa			1,820,000	1,803,274	1,772	1,804,066	2.88%	3.08%	09/12/23	1,847,961
Federal Home Loan Bank	AA+	Aaa			870,000	895,642	1,772	895,629	3.38%	2.72%	12/08/23	900,013
Subtotal U.S. Gov't Sponsored Entities					30,920,000	30,778,116		\$30,837,852		2.38%		\$30,926,484

(As of August 2011, all US GSE's have been downgraded to AA+ Rating by S&P)

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par	Cost Basis	Term	January	% Coupon	% Yield to Maturity	Maturity	Market
	S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Value			Date	Value
Investments (continued)												
Commercial Paper												
JP Morgan Securities	A-1	P-1			\$1,020,000	\$997,135	269	\$1,003,935		3.07%	08/09/19	\$1,004,642
Subtotal Commercial Paper					\$1,020,000	\$997,135		\$1,003,935		3.07%		\$1,004,642
Municipal Bonds												
San Diego Redevelopment Agency	AA	N/R			\$1,000,000	\$996,800	934	999,258	1.625%	1.75%	09/01/19	\$994,370
Subtotal State and Local Municipal Bonds					\$1,000,000	\$996,800		\$999,258		1.75%		\$994,370
Investments (continued)												
Medium Term Notes												
Wells Fargo Bank	A+	Aa2			1,500,000	1,511,655	1,075	1,501,264	1.75%	1.48%	05/24/19	1,495,617
UPS of America Inc	A+	A1			725,000	802,046	714	771,504	8.38%	2.75%	04/01/20	770,692
Toyota Motor	AA-	Aa3			200,000	199,880	731	199,884	3.05%	3.08%	01/08/21	201,431
Hershey Company	A	A1			335,000	334,769	1,101	334,822	3.10%	3.12%	05/15/21	336,460
American Honda Finance	A+	A2			800,000	767,016	1,181	774,759	1.65%	3.00%	07/12/21	777,057
Boeing Co	A	A2			680,000	805,678	1,215	777,061	8.75%	2.88%	08/15/21	777,740
Toyota Motor	AA-	Aa3			1,000,000	978,790	1,355	982,967	2.60%	3.21%	01/11/22	992,682
Bank of NY Mellon	A	A1			1,400,000	1,371,048	1,391	1,376,780	2.60%	3.18%	02/07/22	1,385,756
American Express	A-	A2			800,000	785,488	1,415	788,304	2.70%	3.20%	03/03/22	792,533
Walt Disney Company	A+	A2			815,000	798,692	1,416	801,861	2.45%	3.00%	03/04/22	805,985
Visa Inc	A+	A1			825,000	795,407	1,611	800,414	2.15%	3.03%	09/15/22	806,983
Bank of America	A-	A3			800,000	769,264	1,647	774,298	2.50%	3.43%	10/21/22	781,811
Oracle Corp	AA-	A1			1,420,000	1,389,001	1,763	1,393,757	2.63%	3.11%	02/15/23	1,404,866
Burlington North Santa Fe Corp	A+	A3			800,000	790,800	1,792	792,191	3.00%	3.26%	03/15/23	800,776
Bank of NY Mellon	A	A1			1,375,000	1,387,595	1,555	1,387,544	3.50%	3.27%	04/28/23	1,396,901
Subtotal Medium Term Notes					\$13,475,000	\$13,487,129		\$13,457,410		2.94%		\$13,527,290
Subtotal PFM Managed Investment Accounts					\$91,645,000	\$90,275,704		\$90,497,749		2.62%		\$90,946,683
Total Investments					\$146,564,183	\$145,194,887		\$145,416,932				\$145,865,866
<i>(Source of Investment Amortized Cost: PFM)</i>												
Restricted Deposits												
Investment Pool Accounts												
CAMP - Water Connection Reserves					\$12,439,085	\$12,439,085	N/A	\$12,439,085		2.62%	N/A	\$12,439,085
LAIF - Self Insurance Reserves					6,106,308	6,106,308	N/A	6,106,308		2.36%	N/A	6,106,308
Total Investment Pool Accounts					\$18,545,393	\$18,545,393		\$18,545,393		2.53%		\$18,545,393
Debt Service and Arbitrage Accounts												
2008B Debt Service Accounts					\$2,585,895	\$2,585,895	N/A	\$2,585,895		1.83%		\$2,585,895
2010A Debt Service Accounts					361,250	361,250	N/A	361,250		0.30%		361,250
2017A Debt Service Accounts					914	914	N/A	914		0.30%		914
Total Debt Service Accounts					\$2,948,059	\$2,948,059		\$2,948,059		1.64%		\$2,948,059

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary
 Month Ended
 January 31, 2019

	Credit Rating @ Purchase		CHANGES IN Credit Rating		Par Amount	Cost Basis Amount	Term (Days)	January Value	% Coupon	% Yield to Maturity	Maturity Date	Market Value
	S&P	Moody's	S&P	Moody's								
Restricted Deposits (continued)												
CCRA Deposits Held by Member Agencies												
City of Chino					\$9,034,826	\$9,034,826	N/A	\$9,034,826		N/A	N/A	\$9,034,826
City of Chino Hills					6,023,580	6,023,580	N/A	6,023,580		N/A	N/A	6,023,580
Cucamonga Valley Water District					8,996,641	8,996,641	N/A	8,996,641		N/A	N/A	8,996,641
City of Fontana					6,195,032	6,195,032	N/A	6,195,032		N/A	N/A	6,195,032
City of Montclair					2,024,122	2,024,122	N/A	2,024,122		N/A	N/A	2,024,122
City of Ontario					16,773,586	16,773,586	N/A	16,773,586		N/A	N/A	16,773,586
City of Upland					2,248,509	2,248,509	N/A	2,248,509		N/A	N/A	2,248,509
Subtotal CCRA Deposits Held by Member Agencies**					\$51,296,296	\$51,296,296		\$51,296,296				\$51,296,296
<i>**Reported total as of December 2018 net of capital call.</i>												
CalPERS Deposits												
CERBT Account (OPEB)					\$13,000,000	\$13,000,000	N/A	\$14,234,360		N/A	N/A	\$14,234,360
Subtotal CalPERS Deposits					\$13,000,000	\$13,000,000		\$14,234,360				\$14,234,360
<i>CERBT Strategy 2 Performance as of December 31, 2018 based on 1 Year Net Return was -5.37%.</i>												
Escrow Deposits												
Kemp Brothers Construction Escrow					\$455,509	\$455,509	N/A	\$455,509		N/A	N/A	\$455,509
Genesis Construction Escrow					152,179	152,179	N/A	152,179		N/A	N/A	152,179
Subtotal Escrow Deposits					\$607,688	\$607,688		\$607,688				\$607,688
Total Restricted Deposits					\$86,397,436	\$86,397,436		\$87,631,796				\$87,631,796
Total Cash, Investments, and Restricted Deposits as of January 31, 2019					\$233,721,269	\$232,351,973		\$233,808,378				\$234,257,312

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

January Purchases

No.	Date	Transaction	Investment Security	Type	Par Amount Purchased	Investment Yield to Maturity
1	01/08/19	Buy	Toyota Motor Credit Note	MTN	\$200,000	3.08%
2	01/09/19	Buy	US Treasury Note	UST	2,525,000	2.52%
3	01/11/19	Buy	Fannie Mae Note	GSE	795,000	2.65%
4	01/24/19	Buy	Bank of NY Mellon Corp	MTN	1,375,000	3.27%
5	01/24/19	Buy	Federal Home Loan Bank	GSE	1,865,000	2.63%
6	01/24/19	Buy	US Treasury Note	UST	2,000,000	2.58%
7	01/24/19	Buy	US Treasury Note	UST	1,900,000	2.59%
8	01/24/19	Buy	Federal Home Loan Bank	GSE	1,895,000	2.32%
9	01/31/19	Buy	US Treasury Note	UST	985,000	2.56%
10	01/31/19	Buy	Federal Home Loan Bank	GSE	870,000	2.72%
					\$ 14,410,000	

January Investment Maturities, Calls & Sales

No.	Date	Transaction	Investment Security	Type	Par Amount Matured/Sold	Investment Yield to Maturity
1	01/08/19	Sell	Federal Home Loan Bank	GSE	\$200,000	2.13%
2	01/09/19	Sell	Federal Farm Credit Banks	GSE	1,000,000	1.52%
3	01/09/19	Sell	Freddie Mac	GSE	1,500,000	1.15%
4	01/11/19	Sell	US Treasury Note	UST	805,000	2.46%
5	01/31/19	Sell	Federal Home Loan Bank	GSE	1,895,000	2.32%
Total Maturities, Calls & Sales					\$ 5,400,000	

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
January 31, 2019

Directed Investment Category

CBB Repurchase (Sweep)
LAIF - Unrestricted
CAMP - Unrestricted
Brokered Certificates of Deposit
Medium Term Notes
Municipal Bonds
Commercial Paper
US Treasury Notes
U.S. Government Sponsored Entities

Total Investment Portfolio

Investment Portfolio Rate of Return

Amount Invested	Yield
\$5,350,189	1.100%
\$14,694,161	2.355%
\$34,874,833	2.620%
\$4,349,634	2.943%
\$13,457,410	2.944%
\$999,258	1.753%
\$1,003,935	3.070%
\$39,849,660	2.664%
\$30,837,852	2.380%
\$145,416,932	2.535%

Restricted/Transitory/Other Accounts

CCRA Deposits Held by Member Agencies
CalPERS OPEB (CERBT) Account
CAMP Restricted Water Connection Reserve
LAIF Restricted Insurance Reserve
US Bank - 2008B Debt Service Accounts
US Bank - 2010A Debt Service Accounts
US Bank - 2017A Debt Service Accounts
US Bank - Pre-Investment Money Market Account
Citizens Business Bank - Demand Account
Citizens Business Bank - Workers' Compensation Account
Other Accounts*
Escrow Account

Total Restricted/Transitory/Other Accounts

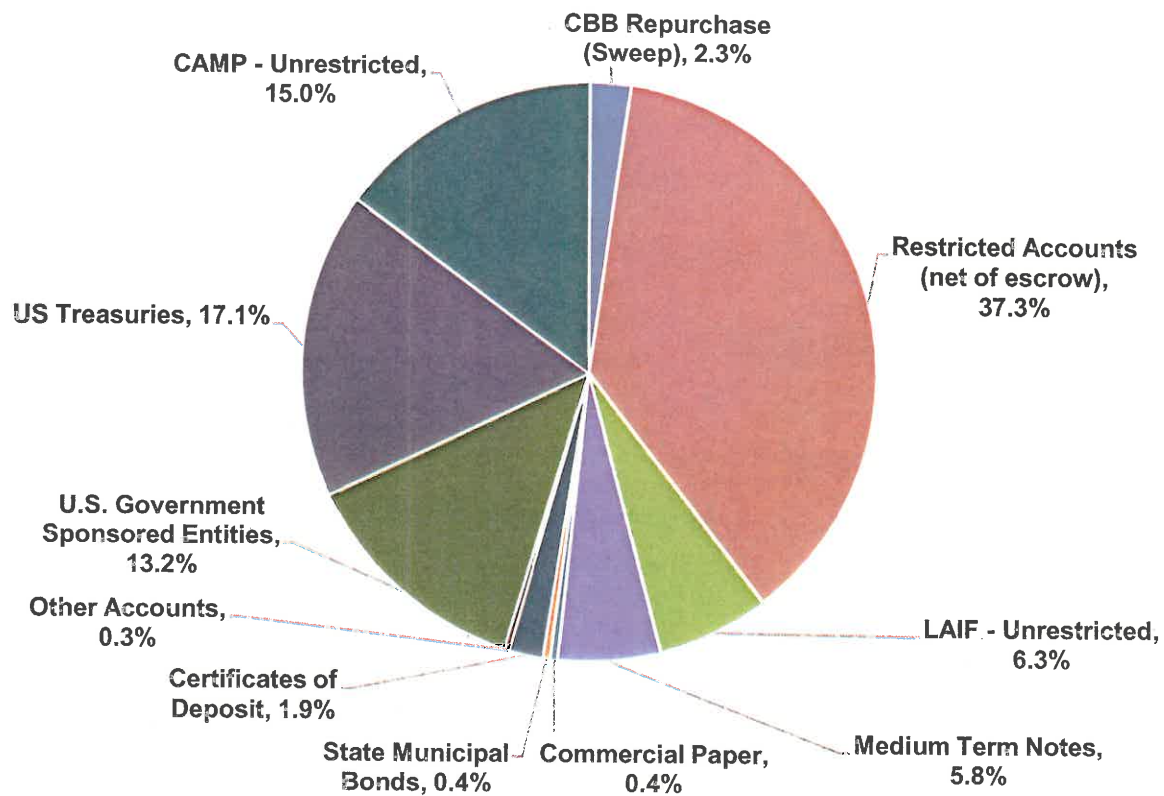
Average Yield of Other Accounts

Total Agency Directed Deposits

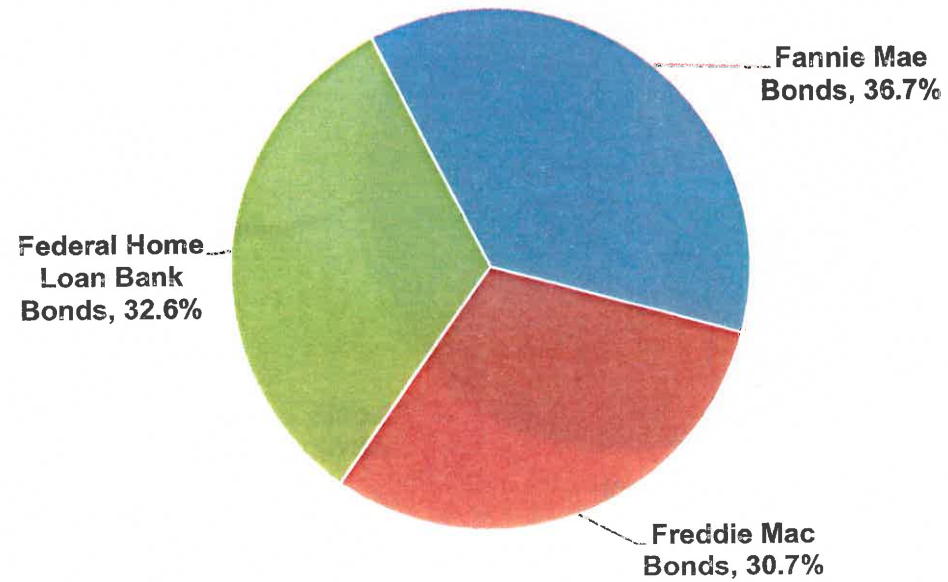
Amount Invested	Yield
\$51,296,296	N/A
14,234,360	N/A
12,439,085	2.620%
6,106,308	2.355%
2,585,895	1.830%
361,250	0.300%
914	0.300%
323,373	1.920%
403,815	N/A
30,212	N/A
2,250	N/A
607,688	N/A
\$88,391,446	2.403%
\$233,808,378	

*Petty Cash

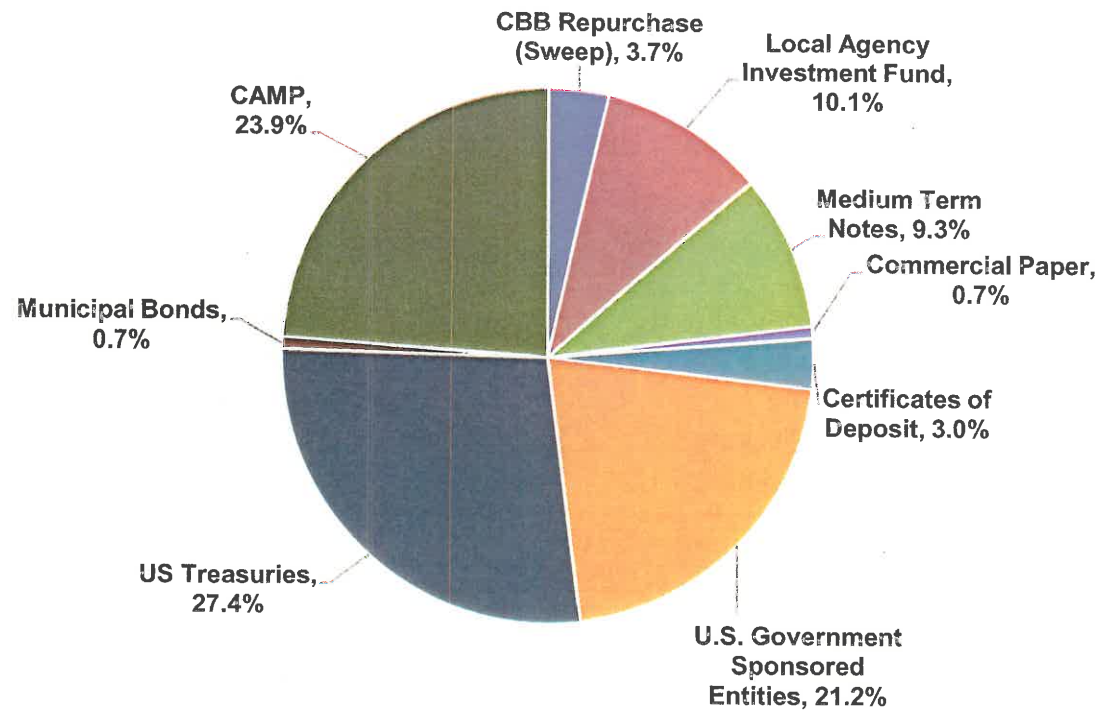
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
 For the Month Ended January 31, 2019
 Agency Investment Portfolio (Net of Escrow Accounts)
\$233,200,690



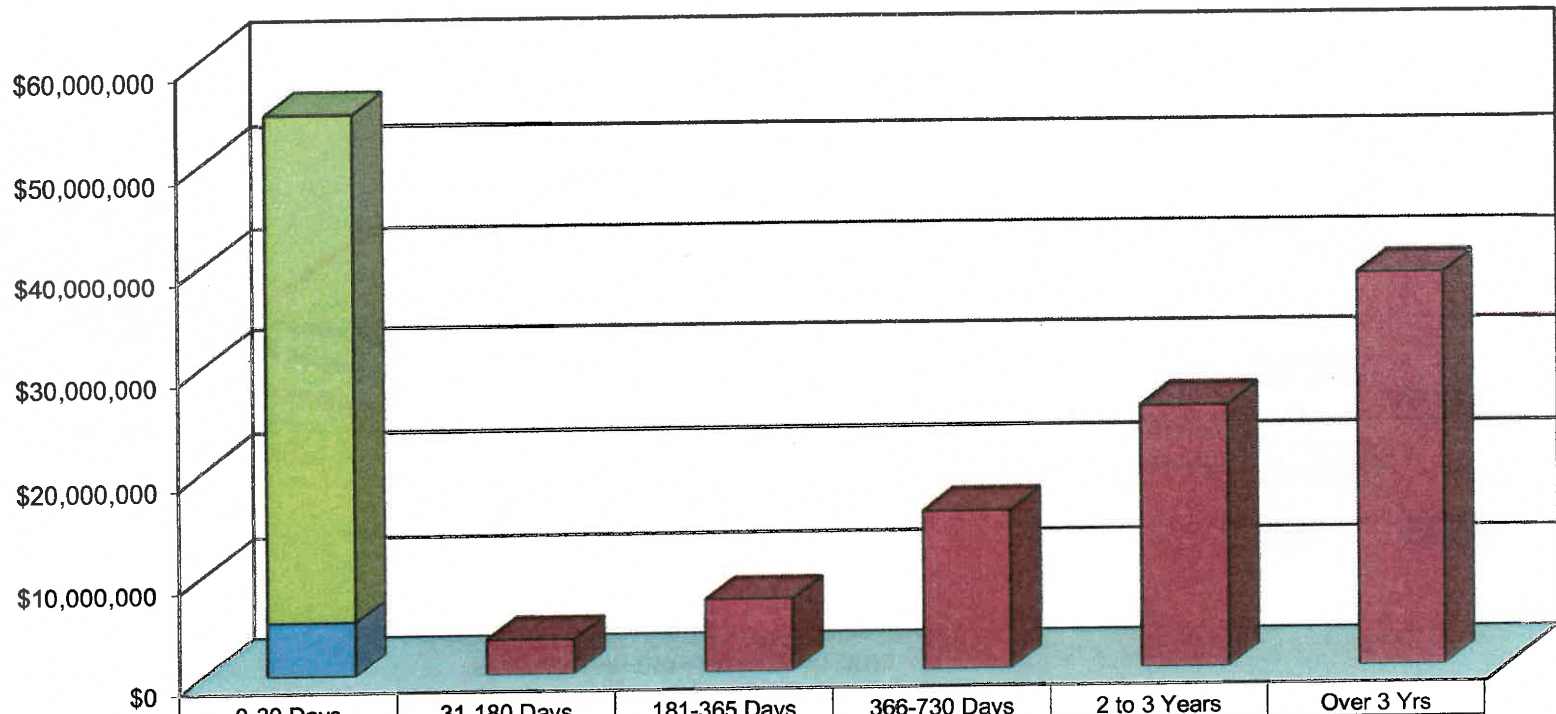
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended January 31, 2019
U.S. Government Sponsored Entities Portfolio
\$30,837,852



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended January 31, 2019
Unrestricted Agency Investment Portfolio
\$145,416,932



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
For the Month Ended January 31, 2019
Agency Investment Portfolio Maturity Distribution (Unrestricted)
\$145,416,932



	0-30 Days	31-180 Days	181-365 Days	366-730 Days	2 to 3 Years	Over 3 Yrs
■ LAIF+CAMP	\$49,568,994					
■ CBB Repurchase (Sweep)	\$5,350,189					
■ GSE+CD+MTN+MUNI		\$3,486,264	\$7,247,679	\$15,671,827	\$25,560,039	\$38,531,940
□ Percent	37.76%	2.40%	4.98%	10.78%	17.58%	26.50%

Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
 For the Month Ended January 31, 2019
 Agency Investment Portfolio Yield Comparison

