



Regional Sewerage Program Technical Committee Meeting

AGENDA Thursday, April 28, 2022 2:00 p.m. Teleconference Call

In an effort to prevent the spread of COVID-19, the Regional Sewerage Program Technical Committee Meeting will be held remotely by teleconference.

Teams Conference Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_NmRmY2FmMDYtNTBmMS00MjA5LTk3ODgtZDkyY2U3MTRmZGYz%40thread.v2/0?context=%7b%22Tid%22%3a%224c0c1e57-30f3-4048-9bd2-cd58917dcf07%22%2c%22Oid%22%3a%22329ec40e-eb94-4218-9621-6bfa0baa9697%22%7d

Teleconference: (415) 856-9169/Conference ID: 715 477 121#

This meeting is being conducted virtually by video and audio conferencing. There will be no public location available to attend the meeting; however, the public may participate and provide public comment during the meeting by calling the number provided above. Comments may also be submitted by email to the Recording Secretary Sally Lee at shlee@ieua.org prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Committee Members.

Call to Order

Roll Call

Public Comment

Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; 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. Comments will be limited to three minutes per speaker.

(Continued)

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. Action Items

- A. Approval of March 31, 2022 Technical Committee Meeting Minutes
- B. Request by the City of Fontana for a Regional Connection Point to the Fontana Interceptor Sewer (Fontana Regional Sewer Connection #F-33)
- C. FY 2022/23 Proposed Budget Amendment for the Regional Wastewater and Recycled Water Programs and Proposed Rates/Fees

2. Informational Items

- A. Review of the Proposed Budget Amendment for FY 2022/23 for the Regional Wastewater and Recycled Water Programs
- B. Engineering and Construction Management Fee Ordinance Review
- C. Operations and Maintenance Department Quarterly Update
- D. Return to Sewer Study (*Oral*)
- E. Operations & Compliance Updates (*Oral*)

3. Receive and File

- A. IEUA-MWD Term Sheet for the Chino Basin Program Water Storage Investment Program Environmental Water Exchange
- B. Draft Regional Sewerage Program Policy Committee Meeting Agenda
- C. Building Activity Report
- D. Recycled Water Distribution - Operations Summary

4. Other Business

- A. Committee Member Requested Agenda Items for Next Meeting
- B. Committee Member Comments
- C. Next Regular Meeting – May 26, 2022

Adjournment

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Recording Secretary (909) 993-1926, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

DECLARATION OF POSTING

I, Sally Lee, Executive Assistant of the Inland Empire Utilities Agency*, a Municipal Water District, hereby certify that, per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Sally Lee at (909) 993-1926 or shlee@ieua.org 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

**ACTION
ITEM**

1A



Regional Sewerage Program Technical Committee Meeting MINUTES OF MARCH 31, 2022

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held via teleconference on Thursday, March 31, 2022. Committee Chair Nicole deMoet/City of Upland called the meeting to order at 2:04 p.m. Recording Secretary Sally Lee took roll call and established a quorum was present.

ATTENDANCE via Teleconference

COMMITTEE MEMBERS PRESENT:

Dave Crosley	City of Chino
Ron Craig	City of Chino Hills
Amanda Coker	Cucamonga Valley Water District (CVWD)
Armando Martinez	City of Fontana
Monica Heredia	City of Montclair
Christopher Quach	City of Ontario
Nicole deMoet	City of Upland
Christiana Daisy	Inland Empire Utilities Agency (IEUA)

OTHERS PRESENT:

Mark Wiley	City of Chino Hills
Steve Nix	City of Fontana
Braden Yu	City of Upland
Eduardo Espinoza	CVWD
John Dover	Unknown
Randy Lee	IEUA
Jerry Burke	IEUA
Pietro Cambiaso	IEUA
Javier Chagoyen-Lazaro	IEUA
Robert Delgado	IEUA
Lucia Diaz	IEUA
Don Hamlett	IEUA
Elizabeth Hurst	IEUA
Sally Lee	IEUA
Scott Lening	IEUA
Eddie Lin	IEUA
Alex Lopez	IEUA

OTHERS PRESENT (continued):

Bonnie Marseilles	IEUA
Jason Marseilles	IEUA
William McDonnell	IEUA
Liza Munoz	IEUA
Cathleen Pieroni	IEUA
Matthew Poeske	IEUA
Jesse Pompa	IEUA
Sushmitha Reddy	IEUA
Brent Ritzinger	IEUA
Jeanina Romero	IEUA
Ken Tam	IEUA

PUBLIC COMMENTS

There were no public comments.

ADDITIONS/CHANGES TO THE AGENDA

There were no additions/changes to the agenda.

1. ACTION ITEMS**A. APPROVAL OF FEBRUARY 24, 2022 TECHNICAL COMMITTEE MEETING MINUTES**

Motion: By Christopher Quach/City of Ontario and seconded by Amanda Coker/CVWD to approve the meeting minutes of the February 24, 2022, Regional Technical Committee meeting by the following vote:

Ayes: Quach, Coker, Crosley, Craig, Daisy, Heredia, Martinez, deMoet
 Noes: None
 Absent: None
 Abstain: None

The motion passed by a vote of 8 ayes, 0 noes, 0 abstain, and 0 absent.

B. RP-1 DISINFECTION PUMP IMPROVEMENTS CONSTRUCTION CONTRACT AWARD

Jason Marseilles/IEUA gave an overview of the RP-1 Disinfection Pump Improvement Construction Contract Award. Dave Crosley/City of Chino inquired what would occur if funds for the State Revolving Fund (SRF) loan were not increased to cover project costs. Mr. Marseilles stated the project would be funded by the Agency if SRF loan funds were not increased.

Motion: By Dave Crosley/City of Chino and seconded by Amanda Coker/CVWD to recommend the Inland Empire Utilities Agency Board of Directors award the construction contract for the Regional Water Recycling Plant No. 1 Disinfection Improvements, Project No. EN11039, to the lowest responsive and responsible bidder in the amount of \$8,575,000.

Ayes: Crosley, Coker, Craig, Daisy, Heredia, Martinez, Quach, deMoet
Noes: None
Absent: None
Abstain: None

The motion passed by a vote of 8 ayes, 0 noes, 0 abstain, and 0 absent.

2. INFORMATIONAL ITEMS

A. RECYCLED GROUNDWATER RECHARGE UPDATE

Brent Ritzinger/IEUA provided an update on Groundwater Recharge. Ron Craig/City of Chino Hills asked if 2,000 AF of water from MWD is not obtained for recharge purposes due to current drought conditions, would that create more capacity for more recycled water recharge. Mr. Ritzinger stated that the Agency is pumping as much recycled water into the basins as possible, and the lack of imported water will not significantly impact the basins.

B. RP-5 EXPANSION PROJECT UPDATE

Mr. Marseilles provided the Engineering Quarterly Project update.

C. GRANTS SEMI-ANNUAL UPDATE

Jesse Pompa/IEUA provided the Grants Semi-Annual update.

D. FY 2022/23 – FY 2031-32 TEN-YEAR CAPITAL IMPROVEMENT PLAN AND TEN-YEAR FORECAST

William McDonnell/IEUA provided a presentation on the fiscal year (FY) 2022/23 Ten-Year Capital Improvement Plan (TYCIP) and Ten-Year Forecast (TYF). Chris Quach/City of Ontario asked if the TYCIP was taken to the Technical and Policy Committees for their review the previous year. Mr. McDonnell stated that the full TYCIP was brought to the Technical and Policy Committees for their recommendation to approve. Mr. Quach asked what the difference is of the Advanced Water Purification Facility (AWPF)/AWPF and Injection Facilities under the Recycled Water Project that are listed as separate projects. Mr. McDonnell stated that the project is broken into two components: the first component is to meet existing compliance standards and the second component is focused on creating recycled water. The funding for one AWPF is different and thus separated to reflect the two components of the project. Mr. Quach asked if the AWPF under the Recycled Water Project is being planned regardless of how the Chino Basin Program (CBP) moves forward. Mr. McDonnell stated that there are six projects tied to the CBP and there is a desire to move forward with four of the six regardless of how the CBP moves forward. The AWPF is included in these four projects.

E. RECYCLED WATER COST OF SERVICE STUDY

Eddie Lin/IEUA provided the staff report on the Recycled Water Cost of Service Study.

F. RETURN TO SEWER STUDY

Ken Tam/IEUA stated the study's consultant, Data Collaborative, continues to work on the completion of the single-family and multi-family analysis. This analysis is anticipated to be complete within the next couple of weeks. Mr. Tam also shared that Data Collaborative continues to work on the classification of the commercial and industrial categories. The consultant reported that they have received the full set of data from CVWD, and they are working to integrate that data into the current analysis. Mr. Tam stated that Data Collaborative also indicated that they are ready to hold another sub-group meeting in early May. Mr. Tam stated that he will be reaching out to the Technical Sub-

Group regarding this meeting. The project completion date remains around late May/early June. In response to an inquiry by Mr. Quach, Mr. Tam confirmed that an updated memo will be provided before the next Technical Sub-Group meeting.

G. OPERATIONS & COMPLIANCE UPDATES

Mr. Tam stated that there were no compliance or operational issues in the past month. He provided an update on the ongoing investigation of the foaming incident at Carbon Canyon.

3. RECEIVE AND FILE

A. DRAFT REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE SPECIAL MEETING AGENDA

B. BUILDING ACTIVITY REPORT

C. RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY

Items 3A through 3C were received and filed by the Committee.

4. TECHNICAL COMMITTEE ITEMS DISTRIBUTED

There were no items distributed.

5. OTHER BUSINESS

A. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

There were no requested agenda items.

B. COMMITTEE MEMBER COMMENTS

There were no Committee Member comments.

C. NEXT MEETING – APRIL 28, 2022

ADJOURNMENT – Chair deMoet adjourned the meeting at 3:13 p.m.

Prepared by:

Sally Lee, Recording Secretary

**ACTION
ITEM**

1B

Date: April 28, 2022

To: Regional Technical Committee

From: Inland Empire Utilities Agency

Subject: Request by the City of Fontana for a Regional Connection Point to the Fontana Interceptor Sewer (Fontana Regional Sewer Connection # F-33)

RECOMMENDATION

It is recommended that the Regional Technical Committee approve the request by the City of Fontana for one new connection point to the Fontana Interceptor Sewer (Regional Sewer Connection # F-33).

BACKGROUND

On November 2, 2021, Inland Empire Utilities Agency (IEUA) received a request from the City of Fontana (Attachment "A") for the approval of a new Regional Connection to the Fontana Interceptor Sewer at Station 187+24.69 through a new manhole on the north side of this tributary area to the existing 33-inch V.C.P. sewer. On March 31st, 2022, the Engineer for the Development submitted requested information which allowed the analysis to be conducted.

The connection point is required to serve an industrial warehouse. The project is located on Marlay Avenue between Industry Avenue and Pacific Avenue in the City of Fontana. The development encompasses approximately 1.92 Acre. An overall vicinity map is provided (Attachment "B").

Average Dry and Peak Dry Weather Flows were provided by the city and peak wet weather flow was obtained using IEUA's Peaking Factor:

SUMMARY OF FLOW RATES UTILIZED

Fontana Regional Connection F-33: Average Dry Weather Flow (ADWF) Rate = 0.0025 MGD
Peak Dry Weather Flow (PDWF) Rate = 0.0071 MGD
Peak Wet Weather Flow (PWWF) Rate = 0.0110 MGD

The hydraulic model was used to evaluate the Fontana Interceptor to the Fontana Interceptor Relief Sewer to the Cucamonga Trunk, then to Regional Water Recycled Plant No. 1 (RP-1) as shown in Attachment "B". The hydraulic analysis shows that the connections will not create a capacity deficiency within the noted collection system at buildout under PWWF. The Fontana Interceptor has a depth to Diameter ratio (d/D) of 0.41 and flowrate of 3.57 MGD. The full capacity of this 33-inch line is 10.32 MGD. This leaves an available capacity of 6.75 MGD. The downstream Cucamonga Trunk Sewer has a depth to Diameter ratio (d/D) of 0.32 and will not be impacted by this tributary flow. Treatment capacity at RP-1 is sufficient to meet the flows added by this development.

ATTACHMENT A

November 2, 2021, City of Fontana Regional Interceptor Request
Final Information Received on March 31, 2022



City Council

Acquanetta Warren
Mayor

Phillip W. Cothran
Mayor Pro Tem

John B. Roberts
Council Member

Jesus "Jesse" Sandoval
Council Member

Peter A. Garcia
Council Member

November 2, 2021

Liza Munoz, Senior Engineer
Inland Empire Utility Agency
6075 Kimball Ave
Chino, CA 91708

**Subject: City of Fontana Regional Connection Request
Marlay Warehouse
Marlay Avenue and & Industry Avenue**

Dear Ms. Munoz,

On behalf of the applicant Valued Engineering Inc, this letter is a request to connect to a sewer main maintained and serviced by IEUA, located in the City of Fontana along Marlay Avenue between a Industry Avenue and Pacific Avenue (see attached vicinity map). There is currently no available Fontana maintained sewer that can feasibly be reached by this site.

Valued Engineering is proposing a 42,700 sf industrial warehouse on a 1.92 acre site. A sewer analysis was prepared and has been provided for your use. The analysis determined the site would generate a peak flow of 0.011 cfs. The site is proposing to channel the flows using a 6" lateral. There are no other facilities, existing or proposed, tributary to this service point.

If you have any questions or need additional information, please do not hesitate to contact this office.

Keith Tolliver
Associate Engineer

MARLAY INDUSTRIAL DEVELOPMENT SEWER STUDY

Subarea ID	Parcel	Parcel Area	Development Density	Ave. Daily Flow			Peak Factor	Peak Flow			Pipe		Pipe Area	Manning's Coefficient	Wetted Perimeter	Hydraulic Radius	50% Full Capacity	Pipe Velocity	
	APN	(acres)	GPD/Acre	GPD	MGD	cfs		GPD	MGD	cfs	Size (ft)	Slope (ft/ft)	A (sf)	n	P (ft)	R _h (ft)	cfs	fps	
1	0238-171-50	2.05	1200	2460	0.0025	0.0038	2.87	7060.200	0.0071	0.0109	2.75	0.0090	2.970	0.0130	4.320	0.688			
				0	0.0000	0.0000	2.87	0.000	0.0000	0.0000									
				0	0.0000	0.0000	2.87	0.000	0.0000	0.0000									
				0	0.0000	0.0000	2.87	0.000	0.0000	0.0000									
					Q _{ave} = 0.004		Q _{peak} =		Q _{peak} = 0.011									25.086	8.45

ADWF = Average Dry Weather Flow
 MGD = Million Gallons Per day
 EDU = Equivalent Dwelling Unit
 CFS = cubic feet per second
 FPS = Feet per second



04/06/2022

MARLAY WAREHOUSE

9/30/2021



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), © OpenStreetMap contributors, and the GIS User Community



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mi



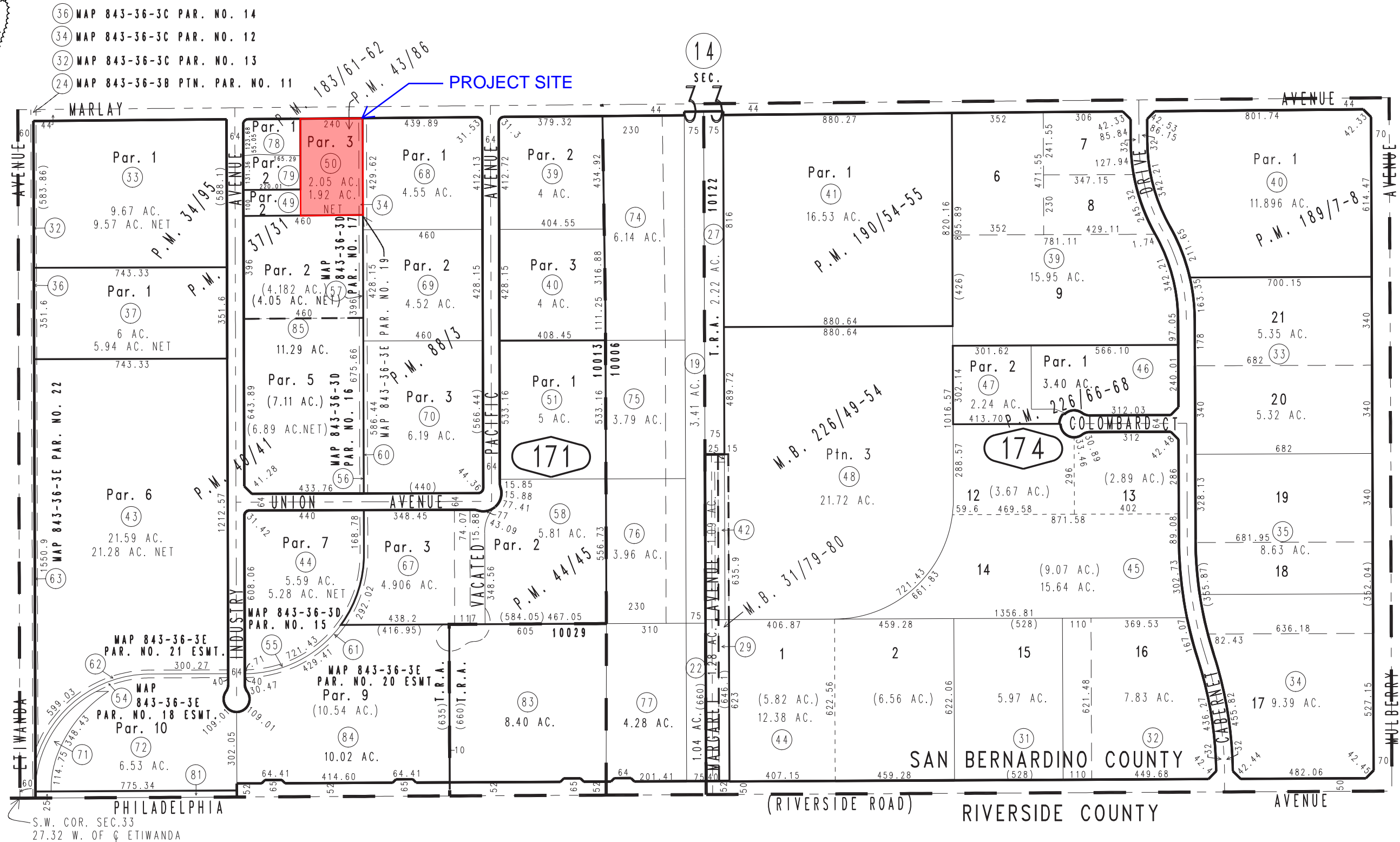
THIS MAP IS FOR THE PURPOSE
OF AD VALOREM TAXATION ONLY.



Ptn. S.1/2 Sec.33, T.1S.,R.6W., S.B.B.&M.

City of Fontana
Tax Rate Area
10006 10013 10022
10129

0238-17



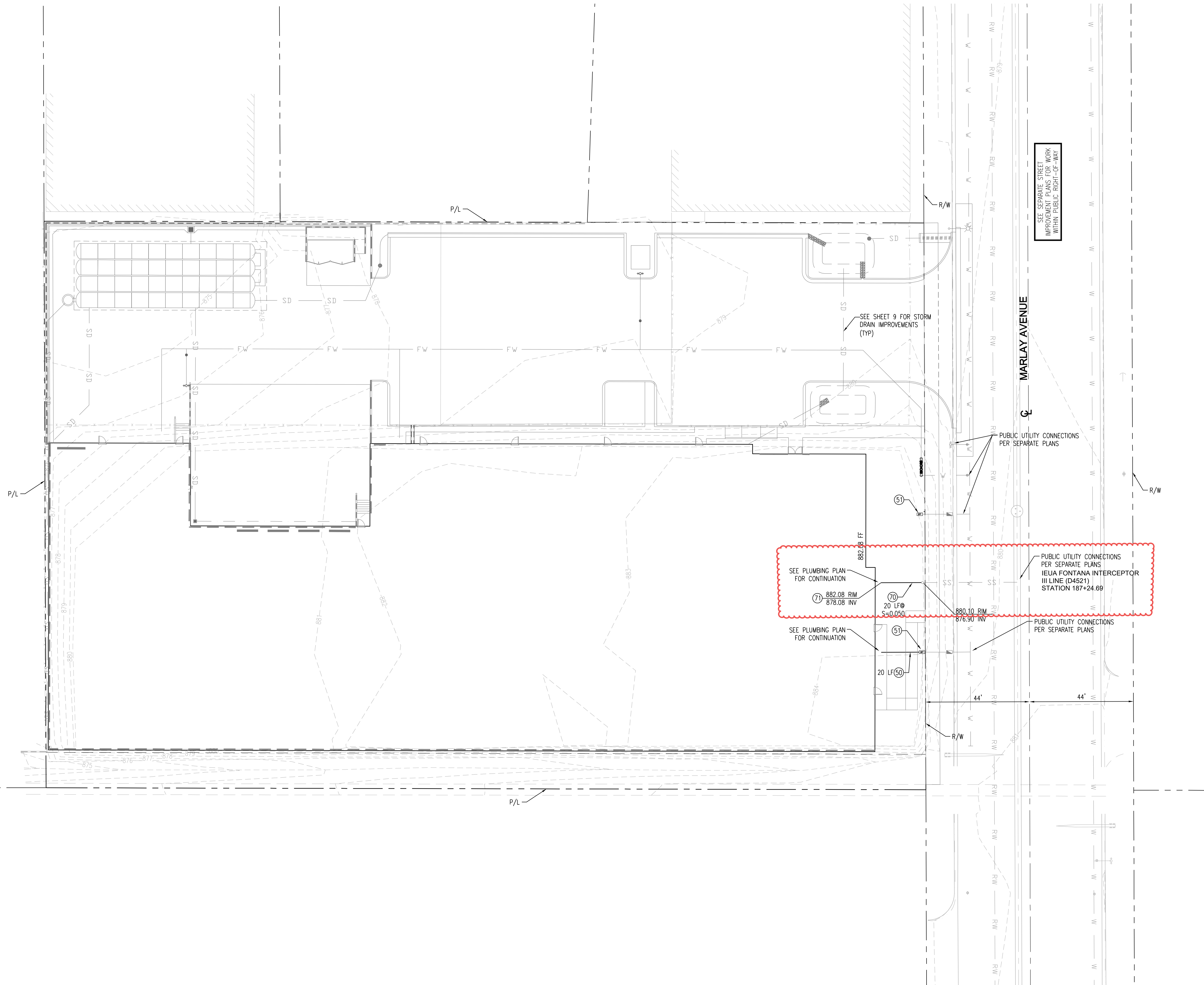
Parcel Map No. 8552, P.M. 88/3
Parcel Map No. 4779, P.M. 44/45
Parcel Map No. 4807, P.M. 43/86
Ptn. Parcel Map No. 4409, P.M. 40/41
Ptn. Parcel Map No. 4062, P.M. 37/31
Ptn. Parcel Map No. 3874, P.M. 34/95
Ptn. Tract No. 2152, M.B. 31/79-80

Ptn. Tract No. 13974, M.B. 226/49-54
Parcel Map No. 17813, P.M. 222/31-32, Amending Map 226/66-68
Parcel Map No. 15408, P.M. 190/54-55
Parcel Map No. 15212, P.M. 189/7-8
Parcel Map No. 15073, P.M. 183/61-62
Parcel Map No. 13157, P.M. 149/97-98

Assessor's Map
Book 0238 Page 17
San Bernardino County

October 2004

REVISED
01/23/20 GW



WATER ITEMS		QUANTITIES
50	FURNISH AND INSTALL 2" COPPER DOMESTIC WATER LINE, PER MANUFACTURERS SPECIFICATIONS	24 LF
51	FURNISH AND INSTALL BACK FLOW PREVENTION PER CITY OF FONTANA STD. PLAN 5008	2 EA
SEWER ITEMS		
70	FURNISH AND INSTALL 6" PVC (SCH 40) SEWER PIPE, PER MANUFACTURERS SPECIFICATIONS	24 LF
71	FURNISH AND INSTALL SEWER CLEANOUT PER CITY OF FONTANA, STD. DWG. 2004	1 EA

SEE SEPARATE STREET IMPROVEMENTS FOR WORK WITHIN PUBLIC RIGHT-OF-WAY

SEE SHEET 9 FOR STORM DRAIN IMPROVEMENTS (TYP)

MARLAY AVENUE

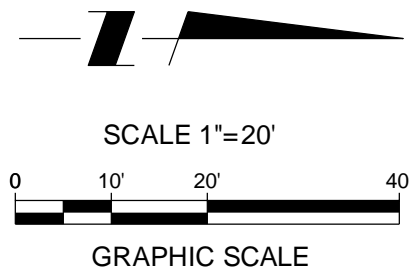
PUBLIC UTILITY CONNECTIONS PER SEPARATE PLANS

SEE PLUMBING PLAN FOR CONTINUATION
882.08 RIM
878.08 INV
71

20 LF
50.050
51

PUBLIC UTILITY CONNECTIONS PER SEPARATE PLANS
IEUA FONTANA INTERCEPTOR III LINE (D4521)
STATION 187+24.69

PUBLIC UTILITY CONNECTIONS PER SEPARATE PLANS



DIGALERT

DIAL BEFORE YOU DIG

TWO WORKING DAYS BEFORE YOU DIG

TOLL FREE 1-800-227-2600
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

REV.	REVISION DESCRIPTION	DATE	ENGR.	CITY	DATE

VALUED
ENGINEERING, INC
CIVIL ENGINEERING • LAND SURVEYING • LAND PLANNING
600 N. MOUNTAIN AVE., STE. C102, UPLAND, CA 91786
PHONE: (909) 982-4601



Prepared Under The Supervision Of:

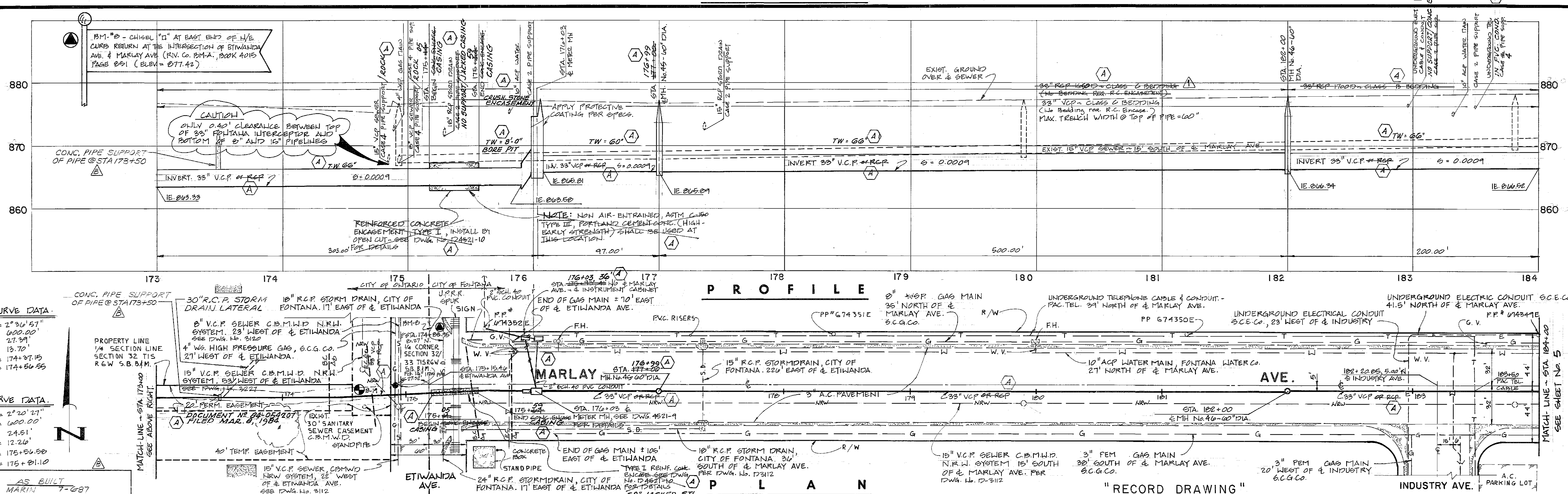
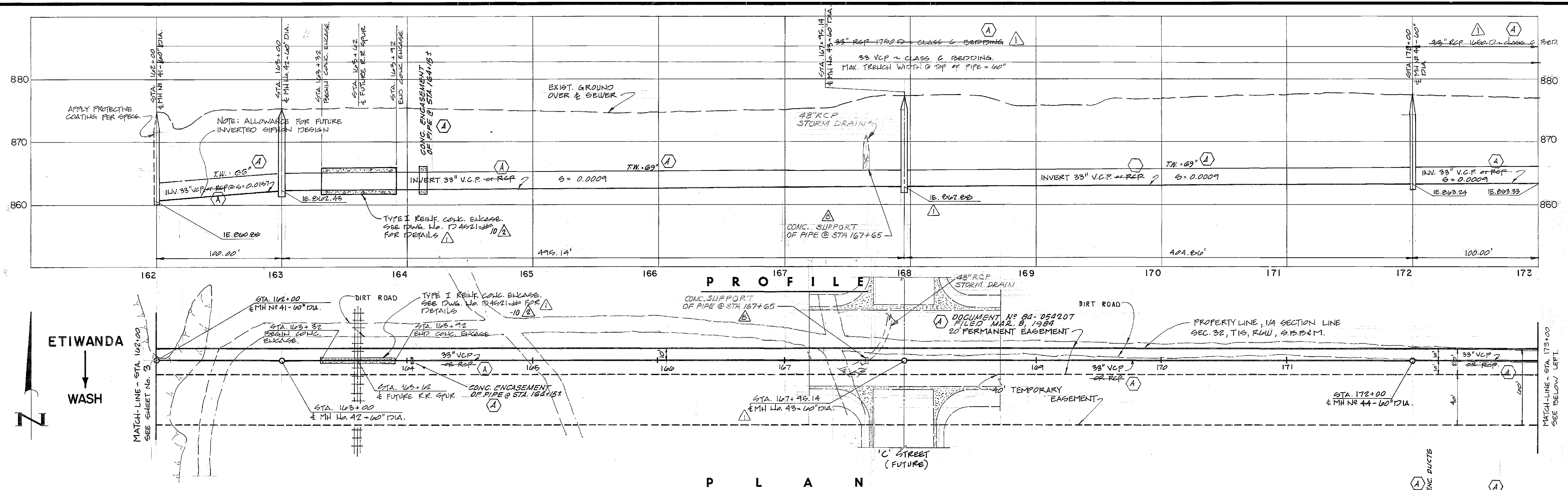
Jeffrey D. McEwen
ENGINEER
DATE: 3/2/22
R.C.E. 64696

CITY OF FONTANA, CALIFORNIA
MARLAY INDUSTRIAL DEVELOPMENT

DRAWN BY: VET
DESIGNED BY: DH

13135 MARLAY AVENUE
UTILITIES PLAN

SCALE: 1"=20'
DATE: APRIL 2021
DWG NO.: 7/12



CURVE DATA

$\Delta = 2^\circ 30' 57''$
 $R = 600.00'$
 $L = 27.39'$
 $T = 13.70'$
 $BC = 174+37.15$
 $EC = 174+56.55$

CURVE DATA

$\Delta = 2^\circ 20' 27''$
 $R = 600.00'$
 $L = 24.51'$
 $T = 12.26'$
 $BC = 175+56.58$
 $EC = 175+81.10$

AS BUILT
MAR 1977

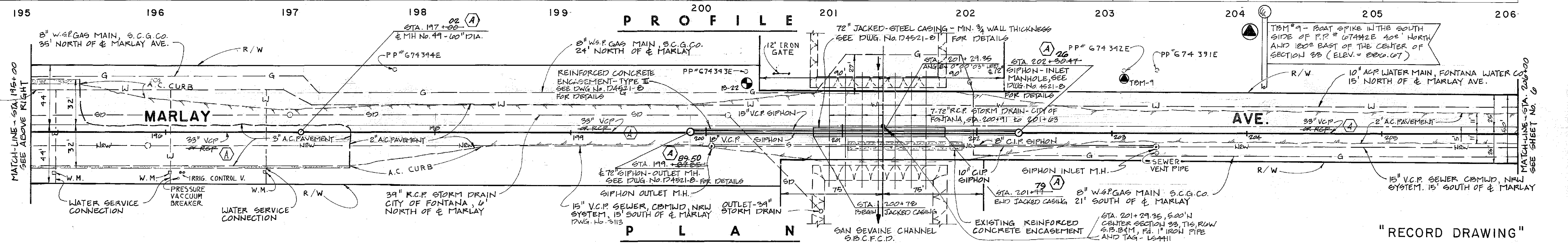
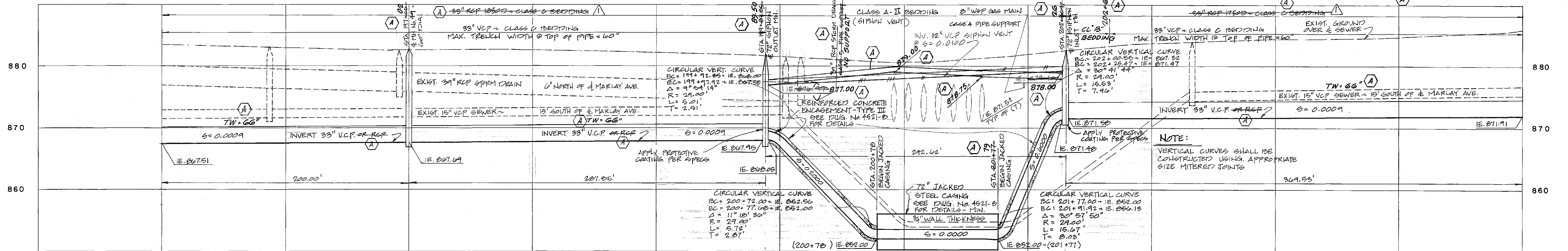
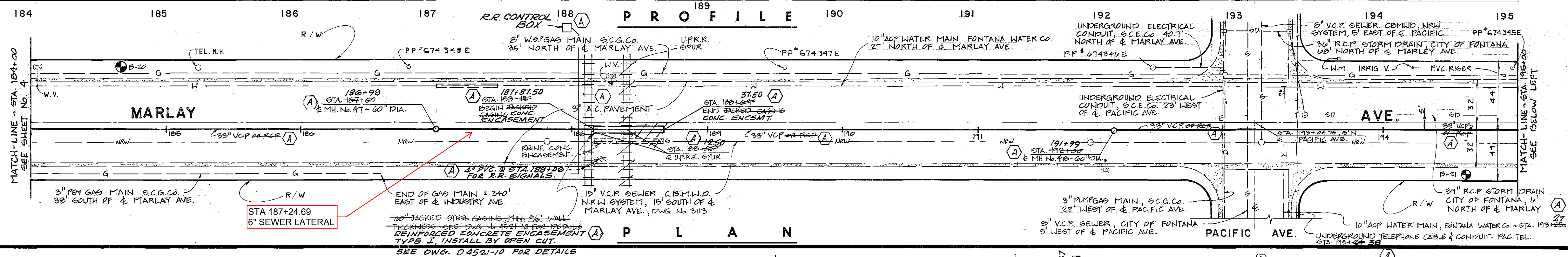
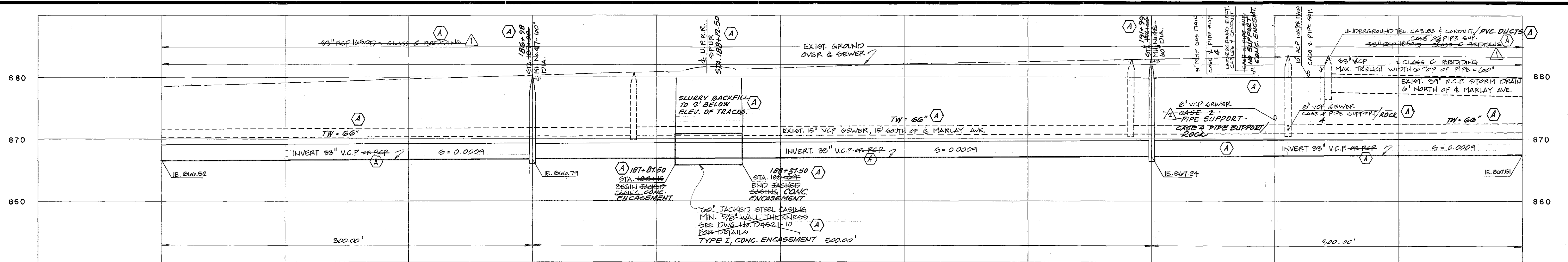
REV.	DATE	BY	DESCRIPTION
1	7-8-87	MFM	CONC. SUPPORT ADDED, "AS BUILT" ADDED
2	11-1-84	L.A.	"AS CONSTRUCTED" INFO. ADDED.
3	1-19-84	L.A.	ADDENDUM #1
4	10-10-83	Sm	Monitored Change.
5			Positive Projection Design, Reduced Encasement &

SUBMITTED	Robert B. Salgado	C-35487	12/14/82
Project Engineer		R.E. No.	Date
RECOMMENDED	Samuel K. Viten	C-18657	12/14/82
Engineer		R.E. No.	Date

SCALE	HORIZ. 1" = 40'	VERT. 1" = 8'
DESIGNED	RBS	2-82
DRAWN	SCN	2-82
CHECKED	RBS	10-82
DATE		

CHINO BASIN MUNICIPAL WATER DISTRICT	8555 Archibald Avenue Cucamonga, California 91730	Post Office Box 697 Telephone (714) 987-1712
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FONTANA INTERCEPTOR - III	PLAN and PROFILE Sta. 162 to Sta. 184	SHEET 4 OF 11 SHEETS DWG. NO. D4521-4
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<p>REV. DATE BY DESCRIPTION</p> <p>11-1-84 L.A. "AS CONSTRUCTED" INFO. ADDED.</p> <p>11-19-84 L.A. ADDENDUM #1</p> <p>10-18-89 S. Positive Projection Design</p>	<p>SUBMITTED</p> <p>Project Engineer R.E. No. 12/11/82</p> <p>RECOMMENDED</p> <p>Engineer R.E. No. 12/15/83</p>	<p>SCALE</p> <p>HORIZ. 1"=40'</p> <p>VERT. 1"=8'</p>	<p>APPROVED</p> <p>General Manager</p> <p>APPROVED</p> <p>Chief Engineer</p>	<p>Designed RBS 2-82</p> <p>Drawn SCN 2-82</p> <p>Checked RBS 10-82</p>	<p>CHINO BASIN</p> <p>MUNICIPAL WATER DISTRICT</p> <p>8555 Archibald Avenue</p> <p>Cucamonga, California 91730</p> <p>Post Office Box 697</p> <p>Telephone (714) 987-1712</p>	<p>FONTANA INTERCEPTOR - III</p> <p>PLAN and PROFILE</p> <p>Sta. 184 to Sta. 206</p>	<p>SHEET</p> <p>5</p> <p>OF 11 SHEETS</p> <p>DWG. NO.</p> <p>D4521-5</p>
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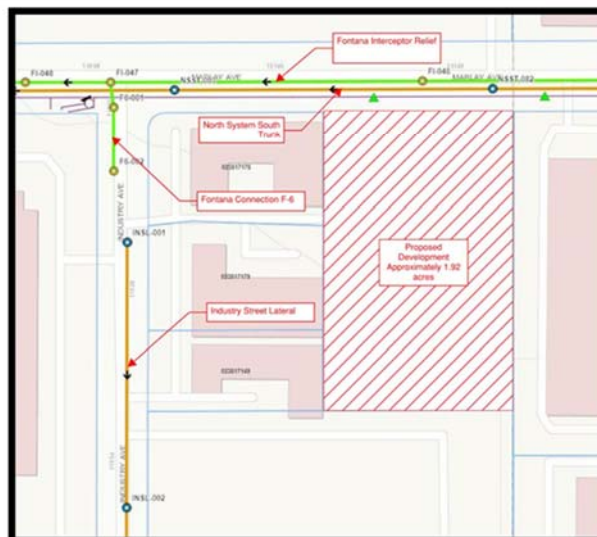
ATTACHMENT B
General Location for Connection F-33

ADWF=0.0025 MGD

System Peaking for IEUA's Hydraulic Modeling

PDWF=0.0075 MGD (City Peaking)

PWWF=0.0110 IEUA Peaking for Wet Weather Flow



**ACTION
ITEM**

1C

Date: April 28/May 5

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Fiscal Year (FY) 2022/23 Proposed Budget Amendment for the Regional Wastewater and Recycled Water Programs and Proposed Rates/Fees

RECOMMENDATION

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

1. Rates and Fees for FY 2022/23 for the Agency's Regional Wastewater Capital Improvement (RC) fund and Regional Wastewater Operations and Maintenance (RO) funds.

BACKGROUND

A review of the proposed FY 2022/23 budget amendment for the Regional Wastewater and Recycled Water programs was presented as an information item at the IEUA Board of Directors meeting on April 20, 2022.

Fiscal Year 2022/2023 Proposed Budget Amendments

On June 16, 2021, the Board of Directors approved the Agency's Biennial Budget for fiscal years (FYs) 2021/22 and 2022/23, and Ten-Year Capital Improvement Plan (TYCIP) for FYs 2022-2031. As part of the biennial budget cycle, a review of the second budget year is done at the end of the first year to determine whether any adjustments are needed to meet changes in certain assumptions or conditions. Summarized below are the proposed amendments recommended for FY 2022/23 total Sources and Uses of funds.

Table 1: FY 2022/23 Proposed Budget Amendments (\$Millions)
Regional Wastewater and Recycled Water Programs

Consolidated FY 2022/23	Adopted	Proposed	Amendment Amount
Sources of funds	\$240.9	\$317.9	\$77.0
Uses of funds	(\$297.1)	(\$306.1)	\$9.0
Increase (Decrease) in Net Position	(\$56.2)	\$11.8	\$68.0

TOTAL SOURCES OF FUNDS

The \$77.0 million increase to Sources of Funds is due to changes in the assumptions reflecting an increase in proceeds from federal and state loans, grants, user charges, property tax, cost reimbursements, and interest earnings. The distribution by major category of the proposed Sources of Funds is shown below in Table 2.

Table 2: FY 2022/23 Proposed Amendment to Sources of Funds (\$Millions)
Regional Wastewater and Recycled Water Programs

Sources of Funds	Adopted	Proposed	Amendment Amount
User Charges	\$76.2	\$77.4	\$1.2
Federal and State Loans	44.7	98.5	53.8
Property Tax	53.8	68.1	14.3
Connection Fees	39.0	39.0	0.0
Recycled Water Sales	17.6	17.6	0.0
Grants	0.3	6.6	6.3
Cost Reimbursements	4.7	4.8	0.1
*Other Sources	4.6	5.9	1.3
Total	\$240.9	\$317.9	\$77.0

**Other Sources includes inter-fund loan receipts, capital contract cost reimbursements, interest income, and miscellaneous revenue.*

User Charges: The increase in \$1.2 million in user charges is due to higher projected monthly EDUs and a proposed escalation of the monthly EDU rate of 3% for FY 2022/23. All the proposed FY 2022/23 rates and fees are represented in table 5.

Property Tax: Projected property tax increases by \$14.2 million, as a result of updated growth assumptions and the revised method applied by San Bernardino County to allocate the property taxes associated with the dissolution of Redevelopment Agencies. The allocation criteria for property taxes received by the Agency remains the same as the adopted in the biennial budget for FY 2021/22-2022/23, as reflected in table 3 below.

Table 3: Proposed Property Tax Allocation

Fund	FY 2022/23
Regional Wastewater Capital	65%
Regional Wastewater Operations	23%
Recycled Water	4%
Administrative Services	4.5%
Water Resources	3.5%

State Loans and Grants: The increase of \$60 million is the result of securing additional funding from the U.S. Environmental Protection Agency (EPA) and the State Water Resources Control Board (SWRCB). The Agency has secured through EPA a second Water Infrastructure Finance

Innovation Act (WIFIA) loan to support the RP-5 Expansion and Solids Handling Facility and other projects in the Regional Wastewater program. Additional State Revolving Fund Loans for SWRCB will complete the funding for the RP-5 Expansion and Solids Handling Facility, Carbon Canyon Asset Management and Improvements, various recycled water projects, and RP-1 Thickening Building projects.

TOTAL USES OF FUNDS

The \$9.0 million change in total Uses of Funds is primarily due to an increase in projected capital and non-capital project expenditures, as reflection of the current inflationary trends. The table below provides a summary by category.

**Table 4: FY 2022/23 Proposed Amendments to Uses of Funds (\$Millions)
Regional Wastewater and Recycled Water Programs**

Uses of Funds	Adopted	Proposed	Amendment Amount
Capital Projects	\$170.4	\$171.3	\$0.9
Operations & Administration	96.9	103.1	6.2
Debt Service	22.7	22.6	(0.1)
Inter-Fund Transfers	7.1	9.1	2.0
Total	\$297.1	\$306.1	\$9.0

Operations & Administration: An increase of expenditures for operations & administration is primarily due to non-capital project cost increases and inflationary increases for chemicals. The non-capital project increase can be attributed to continuing work on the TCE Plume Cleanup projects, basin and reservoir maintenance, and lift station improvement projects. Amendments to non-capital project costs are reflected at the latest Ten-Year Forecast (TYF) report.

Capital Projects: Increase is primarily due to changes in project scope and project execution timelines. Amendments to capital project costs are reflected at the latest Ten-Year Forecast (TYF) report.

Inter-fund Transfers: The increase is due to additional capital support required in the Administrative Services fund.

Fiscal Year 2022/2023 Proposed Rates and Fees for Regional Capital EDU connection fee and the monthly EDU charge.**Key Objectives**

The Agency's goal is to propose rates to cover the next fiscal year to provide time to complete a flow and load sample study to update the assumptions that define an EDU, revise Exhibit J of the Regional Contract, and reevaluate in unison monthly EDU rates and wastewater connection fees.

The proposed rates for FY 2022/23 represent an increase of three percent to support the costs in the Regional Wastewater Capital and Operations & Maintenance funds.

Regional Wastewater Program Rates

The Regional Wastewater Program is comprised of the Regional Wastewater Capital Improvement (RC) fund and the Regional Wastewater Operations & Maintenance (RO) fund. The RC fund records the capital, debt and administration activities related to the acquisition, construction, expansion, improvement and financing of the Agency's regional water recycling plants, large sewer interceptors, energy generation, and solids handling facilities. Key revenue and funding sources for the RC fund includes the EDU connection fees, property taxes (65% allocation of total tax receipts), grant and loan proceeds.

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

The Agency held five rate workshops facilitated by Carollo, from February to October 2019. During this period, as a result of further review and discussion on the Wastewater Connection Fee and Monthly Sewer Rate, staff recommended to pursue more in-depth flow and load study for updating the EDU assumptions. At that time, staff recommended a two-year rate adjustment until the required study was complete.

The flow and load study is still on going and IEUA staff is recommending a one year 3% rate adjustment for the Wastewater Connection Fee and the Monthly Sewer Rate for FY 2022/23, effective July 1, 2022.

EDU Connection Fee

EDU connection fee is a one-time charge imposed on new or upsized meters or connections to compensate for the cost of providing system capacity. This source of revenue supports capacity expansion and improvement of the regional wastewater system to meet future growth.

EDU Monthly Rate

EDU rate is a monthly charge imposed on all regional wastewater system connections. This service charge supports operational, maintenance and administrative costs related to the collection, treatment, and disposal of wastewater throughout the Agency's service area and unincorporated areas that receive service. It also covers R&R cost of regional wastewater facilities and infrastructure, and debt service costs.

If approved, the proposed rates as shown below in Table 1 will be effective on July 1, 2022:

Table 1: Proposed Regional Wastewater Connection Fee and EDU Volumetric Rates

Program	Rate Description	FY 2021/22 Current	FY 2022/23 Proposed	FY 2023/24 Proposed
Regional Wastewater Capital	Wastewater Connection Fee	\$7,379	\$7,600	To be reviewed based on the sewer use evaluation results
Regional Wastewater Operations & Maintenance	Monthly EDU Volumetric	\$21.22	\$21.86	

Conclusion

The proposed FY 2022/23 connection fee and monthly EDU rate are consistent with the IEUA Business Goals of *Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices*



FY 2022/23 Proposed Rates

Regional Wastewater

Javier Chagoyen-Lazaro
Acting Assistant General Manager
April 28/May 5 Regional Committees

Wastewater Rates and Fees

- 2019: IEUA held five rate workshops for wastewater rates and fees.
IEUA staff recommended to pursue an in-depth flow and load study to update EDU assumptions.
IEUA adopted two years rate adjustments for FY 2020/21 and FY 2021/22 until study is complete.
- 2022: Flow and load study is still underway.
IEUA is recommending one year 3% rate adjustment for monthly sewer rate and Regional Wastewater Connection fees FY 2022/23.

Regional Wastewater FY 2022/23 Proposed Fees and Rates

Fund	Wastewater Operations	Wastewater Capital
As of July, 1	Monthly Sewer (EDU)	Wastewater Connection Fee (EDU)
FY 2019/20	\$20.00	\$6,955
FY 2020/21*	\$20.00	\$6,955
FY 2021/22	\$21.22	\$7,379
FY 2022/23	\$21.86	\$7,600
FY 2023/24	To be reviewed based on the sewer use evaluation results	
FY 2024/25		

*On May 6, 2020, the Board approved to defer rate increases and maintain the rates unchanged for FY 2020/21.

Recommendation

- It is requested that the Regional Committees recommend the IEUA Board of Directors to adopt the proposed rates and fees for the Regional Wastewater Program, effectively July 1, 2022:
 - Regional Wastewater Connection fee for FY 2022/23
 - Monthly sewer rate for FY 2022/23

The proposed FY 2022/23 connection fee and monthly EDU rate are consistent with the IEUA Business Goals of Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices.

**INFORMATION
ITEM**

2A



Date: April 28, 2022/May 5, 2022

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Review of the Proposed Budget Amendment for FY 2022/23 for the
Regional Wastewater and Recycled Water Programs

RECOMMENDATION

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

BACKGROUND

This item was presented as an information item at the IEUA Board of Directors meeting on April 20, 2022.

Date: April 20, 2022

To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager

Committee: Finance & Administration

04/13/22



Staff Contact: Javier Chagoyen-Lazaro, Acting Assistant General Manager

Subject: FY 2022/23 Proposed Budget Amendment for Regional Wastewater and Recycled Water Programs

Executive Summary:

On June 16, 2021 the Board of Directors approved the Agency's Biennial Budget for fiscal years (FYs) 2021/22 and 2022/23 and Ten Year Forecast (formerly called Ten Year Capital Improvement Plan) for FYs 2022-2031. As part of the biennial budget cycle, a review of the second budget year is done prior to the end of the first year to determine whether any adjustments are needed to meet changes in certain assumptions or conditions.

For the Regional Wastewater and Recycled Water programs, the Agency is projecting to spend an additional \$9.0 million over the FY 2022/23 adopted budget. The increase is primarily due to changes in non-capital projects in the Ten Year Capital Improvement Plan and additional chemical cost reflecting current inflationary trends. Offsetting the additional expense, is an increase in sources of funds of \$77.0 million primarily due to federal and state loans secured after the adoption of the biennial budget, and property tax receipts growth. If revenues and expenses occur as planned in the FY 2022/23 amended budget it is estimated that combined fund reserves for these funds will increase by \$11.8 million.

The proposed amended budget will be presented to the Regional Committees in April/May.

Staff's Recommendation:

This is an informational item.

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

Account/Project Name:

Fiscal Impact (explain if not budgeted):

If revenues and expenses occur as planned, total fund reserves for the Regional Wastewater and Recycled Water programs are estimated to be \$264.6 million at the end of FY 2022/23; an increase of approximately \$11.8 million from total projected fund reserves of \$252.8 million.

Prior Board Action:

On June 16, 2021, the Board of Directors approved the Agency's biennial budget for FYs 2021/22 and 2022/23.

Environmental Determination:

Not Applicable

Business Goal:

The information item about the proposed amendment to the FY 2022/23 Adopted Budget for the Agency's programs is consistent with the IEUA Business Goals of Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices to optimize investment earnings.

Attachments:

Attachment 1 - Background
Attachment 2 - PowerPoint

Background

Subject: Fiscal Year 2022/23 Proposed Budget Amendment for the Regional Wastewater and Recycled Water Programs

Fiscal Year 2022/2023 Proposed Budget Amendments

On June 16, 2021 the Board of Directors approved the Agency's Biennial Budget for fiscal years (FYs) 2021/22 and 2022/23, and Ten-Year Capital Improvement Plan (TYCIP) for FYs 2022-2031. As part of the biennial budget cycle, a review of the second budget year is done at the end of the first year to determine whether any adjustments are needed to meet changes in certain assumptions or conditions. Summarized below are the proposed amendments recommended for FY 2022/23 total Sources and Uses of funds.

Table 1: FY 2022/23 Proposed Budget Amendments (\$Millions)
Regional Wastewater and Recycled Water Programs

Consolidated FY 2022/23	Adopted	Proposed	Amendment Amount
Sources of funds	\$240.9	\$317.9	\$77.0
Uses of funds	(\$297.1)	(\$306.1)	\$9.0
Increase (Decrease) in Net Position	(\$56.2)	\$11.8	\$68.0

TOTAL SOURCES OF FUNDS

The \$77.0 million increase to Sources of Funds is due to changes in the assumptions reflecting an increase in proceeds from federal and state loans, grants, user charges, property tax, cost reimbursements, and interest earnings. The distribution by major category of the proposed Sources of Funds is shown below in Table 2.

Table 2: FY 2022/23 Proposed Amendment to Sources of Funds (\$Millions)
Regional Wastewater and Recycled Water Programs

Sources of Funds	Adopted	Proposed	Amendment Amount
User Charges	\$76.2	\$77.4	\$1.2
Federal and State Loans	44.7	98.5	53.8
Property Tax	53.8	68.1	14.3
Connection Fees	39.0	39.0	0.0
Recycled Water Sales	17.6	17.6	0.0
Grants	0.3	6.6	6.3
Cost Reimbursements	4.7	4.8	0.1
*Other Sources	4.6	5.9	1.3
Total	\$240.9	\$317.9	\$77.0

**Other Sources includes inter-fund loan receipts, capital contract cost reimbursements, interest income, and miscellaneous revenue.*

User Charges: The increase in \$1.2 million in user charges is due to higher projected monthly EDUs and a proposed escalation of the monthly EDU rate of 3% for FY 2022/23. All the proposed FY 2022/23 rates and fees are represented in table 5.

Property Tax: Projected property tax increases by \$14.2 million, as a result of updated growth assumptions and the revised method applied by San Bernardino County to allocate the property taxes associated with the dissolution of Redevelopment Agencies. The allocation criteria for property taxes received by the Agency remains the same as the adopted in the biennial budget for FY 2021/22-2022/23, as reflected in table 3 below.

Table 3: Proposed Property Tax Allocation

Fund	FY 2022/23
Regional Wastewater Capital	65%
Regional Wastewater Operations	23%
Recycled Water	4%
Administrative Services	4.5%
Water Resources	3.5%

State Loans and Grants: The increase of \$60 million is the result of securing additional funding from the U.S. Environmental Protection Agency (EPA) and the State Water Resources Control Board (SWRCB). The Agency has secured through EPA a second Water Infrastructure Finance Innovation Act (WIFIA) loan to support the RP-5 Expansion and Solids Handling Facility and other projects in the Regional Wastewater program. Additional State Revolving Fund Loans for SWRCB will complete the funding for the RP-5 Expansion and Solids Handling Facility, Carbon Canyon Asset Management and Improvements, various recycled water projects, and RP-1 Thickening Building projects.

TOTAL USES OF FUNDS

The \$9.0 million change in total Uses of Funds is primarily due to an increase in projected capital and non-capital project expenditures, as reflection of the current inflationary trends. The table below provides a summary by category.

**Table 4: FY 2022/23 Proposed Amendments to Uses of Funds (\$Millions)
Regional Wastewater and Recycled Water Programs**

Uses of Funds	Adopted	Proposed	Amendment Amount
Capital Projects	\$170.4	\$171.3	\$0.9
Operations & Administration	96.9	103.1	6.2
Debt Service	22.7	22.6	(0.1)
Inter-Fund Transfers	7.1	9.1	2.0
Total	\$297.1	\$306.1	\$9.0

Operations & Administration: An increase of expenditures for operations & administration is primarily due to non-capital project cost increases and inflationary increases for chemicals. The non-capital project increase can be attributed to continuing work on the TCE Plume Cleanup projects, basin and reservoir maintenance, and lift station improvement projects. Amendments to non-capital project costs are reflected at the latest Ten-Year Forecast (TYF) report.

Capital Projects: Increase is primarily due to changes in project scope and project execution timelines. Amendments to capital project costs are reflected at the latest Ten-Year Forecast (TYF) report.

Inter-fund Transfers: The increase is due to additional capital support required in the Administrative Services fund.

Proposed FY 2022/23 Rates

The Regional Wastewater *connection fee rate* is proposed to increase three percent for FY 2022/23. The proposed one-year rate will allow the Agency to complete pilot studies to develop an updated EDU methodology, the basis for the wastewater sewer rates and connection fees.

The proposed *EDU monthly sewer* rate for FY 2022/23 represents an increase of three percent to support the costs on the Regional Wastewater Operations & Maintenance fund.

A modified rate structure is proposed for the Recycled Water program that includes a fixed and variable component. The fixed component will be based on each member agency's three-year rolling average of direct and recharge water use. To help member agencies facilitate the rate structure transition, the fixed component will be phased in over a three-year period.

The proposed rates and fees are subject to Board approval on June 15, 2022.

Table 5: Adopted and Proposed Fees and Rates

	Proposed					Adopted*
Fund	Wastewater Operations	Wastewater Capital	Recycled Water			
As of July, 1	Monthly Sewer (EDU)	Wastewater Connection Fee (EDU)	Fixed Cost Recovery ***	Recycled Water Direct Use (AF)	Recycled Water Recharge (AF)	One Water Connection Fee (MEU)
FY 2019/20	\$20.00	\$6,955	-	\$490	\$550	\$1,684
FY 2020/21**	\$20.00	\$6,955	-	\$490	\$550	\$1,684
FY 2021/22	\$21.22	\$7,379	-	\$520	\$580	\$1,787
FY 2022/23	\$21.86	\$7,600	\$1.11M	\$516	\$616	\$1,841
FY 2023/24	To be reviewed based on the sewer use evaluation results		\$2.36M	\$510	\$660	\$1,896
FY 2024/25			\$4.96M	\$465	\$665	\$1,953

*One Water Connection Fee rates for FYs 2020/21 through 2024/25 adopted in July 2020.

**On May 6, 2020, the Board approved to defer rate increases and maintain the rates unchanged for FY 2020/21.

*** Fixed cost recovery phased in over 3 years.

Conclusion

The proposed FY 2022/23 amendments will increase the net position of the Regional Wastewater and Recycled Water programs by \$11.8 million compared to FY 2022/23 Adopted Budget decrease in net position of (\$56.2) million. The increase in net position is primarily due to higher Federal and State loans secured to support capital projects in the Regional Wastewater and Recycled Water programs.

The proposed amendment to the FY 2022/23 Adopted Budget for the Agency's programs is consistent with the IEUA Business Goals of *Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices* to optimize investment earnings.

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2022/23 MID-YEAR BUDGET
REGIONAL WASTEWATER CAPITAL IMPROVEMENT FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/2021	2021/2022	2021/2022	2022/2023	2022/2023
	ACTUAL	ADOPTED BUDGET	AMENDED BUDGET	ADOPTED BUDGET	AMENDED MID YEAR
REVENUES					
Interest Revenue	\$1,405	\$592	\$862	\$700	\$1,226
TOTAL REVENUES	\$1,405	\$592	\$862	\$700	\$1,226
OTHER FINANCING SOURCES					
Property Tax - Debt and Capital	\$43,638	\$37,366	\$37,366	\$37,991	\$48,111
Regional System Connection Fees	36,732	29,514	29,514	30,400	30,400
Debt Proceeds	0	761	0	13,807	32,000
State Loans	0	0	0	30,906	51,500
Other Revenues	57	1	1	1	1
Inter Fund Loan	0	0	0	2,000	2,000
TOTAL OTHER FINANCING SOURCES	\$80,427	\$67,643	\$66,881	\$115,105	\$164,012
EXPENSES					
Employment Expenses	\$3,944	\$4,016	\$4,016	\$4,183	\$4,183
Contract Work/Special Projects	350	0	0	0	0
Operating Fees	270	281	281	289	289
Professional Fees and Services	300	654	675	546	549
Other Expenses	926	1,869	1,869	1,889	1,889
TOTAL EXPENSES	\$5,790	\$6,820	\$6,841	\$6,907	\$6,909
CAPITAL PROGRAM					
Work In Progress	\$70,210	\$201,296	\$201,954	\$153,927	\$134,179
IERCA investment	250	1,000	1,000	750	750
TOTAL CAPITAL PROGRAM	\$70,460	\$202,296	\$202,954	\$154,677	\$134,929
DEBT SERVICE					
Financial Expenses	\$1,323	\$9	\$9	\$8	\$10
Interest	9,756	2,669	2,669	2,350	2,350
Principal	9,007	4,540	4,540	4,672	4,672
TOTAL DEBT SERVICE	\$20,086	\$7,219	\$7,219	\$7,030	\$7,032
TRANSFERS IN (OUT)					
Capital Contribution	\$7,211	\$7,601	\$6,088	\$8,385	\$2,831
Debt Service	(3,118)	(3,138)	(3,138)	(3,136)	(3,148)
Capital - Connection Fees Allocation	(7,909)	(8,679)	(8,679)	(4,295)	(5,006)
TOTAL INTERFUND TRANSFERS IN (OUT)	(\$3,817)	(\$4,217)	(\$5,729)	\$954	(\$5,323)
FUND BALANCE					
Net Income (Loss)	(\$18,321)	(\$152,318)	(\$155,001)	(\$51,856)	\$11,045
Beginning Fund Balance July 01	310,512	275,709	292,191	123,392	137,190
ENDING FUND BALANCE AT JUNE 30*	\$292,191	\$123,392	\$137,190	\$71,536	\$148,235
RESERVE BALANCE SUMMARY					
Operating Contingency	\$1,455	\$2,273	\$2,280	\$2,302	\$2,303
Capital Construction	\$13,434	\$1,449	\$25,326	\$1	\$86,735
CCRA Capital Construction	91,465	33,067	35,979	32,567	35,479
Debt Service & Redemption	185,837	86,603	73,604	36,666	23,718
ENDING BALANCE AT JUNE 30	\$292,191	\$123,392	\$137,190	\$71,536	\$148,235

*Numbers may not tie due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2022/23 MID-YEAR BUDGET
REGIONAL WASTEWATER OPERATIONS & MAINTENANCE FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/2021	2021/2022	2021/2022	2022/2023	2022/2023
		ADOPTED	AMENDED	ADOPTED	AMENDED
	ACTUAL	BUDGET	BUDGET	BUDGET	MID YEAR
REVENUES					
User Charges	\$71,362	\$72,924	\$74,726	\$76,203	\$77,349
Cost Reimbursement JPA	4,175	4,461	4,461	4,595	4,595
Contract Cost Reimbursement	101	75	75	75	206
Interest Revenue	851	1,200	1,200	1,200	1,000
TOTAL REVENUES	\$76,489	\$78,660	\$80,463	\$82,073	\$83,150
OTHER FINANCING SOURCES					
Property Tax Revenues - Debt/Capital	\$9,549	\$13,222	\$13,222	\$13,443	\$17,024
Grants	(823)	5,793	5,793	283	6,109
Other Revenues	65	80	80	80	80
TOTAL OTHER FINANCING SOURCES	\$8,791	\$19,095	\$19,095	\$13,806	\$23,213
EXPENSES					
Employment Expenses	\$34,664	\$35,662	\$35,662	\$37,142	\$37,142
Contract Work/Special Projects	7,668	6,942	10,861	4,220	7,567
Utilities	6,762	8,283	8,283	9,288	8,744
Operating Fees	1,193	2,404	2,404	2,497	2,541
Chemicals	5,402	6,004	6,450	6,184	8,274
Professional Fees and Services	2,881	4,233	5,015	4,463	5,131
Office and Administrative expenses	0	3	3	3	3
Biosolids Recycling	4,611	4,733	4,941	4,875	4,902
Materials & Supplies	1,840	2,010	2,212	2,048	2,058
Other Expenses	2,589	5,170	5,170	5,233	5,179
TOTAL EXPENSES	\$67,612	\$75,446	\$81,003	\$75,954	\$81,541
CAPITAL PROGRAM					
Work in Progress	\$27,212	\$16,292	\$18,504	\$10,210	\$22,669
TOTAL CAPITAL PROGRAM	\$27,212	\$16,292	\$18,504	\$10,210	\$22,669
DEBT SERVICE					
Financial Expenses	\$4	\$1	\$1	\$0	\$0
Interest	674	614	614	591	591
Principal	761	784	784	806	806
TOTAL DEBT SERVICE	\$1,440	\$1,398	\$1,398	\$1,398	\$1,398
TRANSFERS IN (OUT)					
Capital Contribution	(\$8,511)	(\$9,056)	(\$9,056)	(\$9,056)	(\$6,000)
Debt Service	124	114	114	114	114
Operation support	(52)	(1,092)	(1,452)	(744)	(209)
Capital - Connection Fees Allocation	6,448	4,769	4,769	2,291	3,059
TOTAL INTERFUND TRANSFERS IN (OUT)	(\$1,991)	(\$5,264)	(\$5,624)	(\$7,394)	(\$3,035)
FUND BALANCE					
Net Increase (Decrease)	(\$12,974)	(\$645)	(\$6,971)	\$922	(\$2,280)
Beginning Fund Balance July 01	89,725	71,989	76,750	71,344	69,779
ENDING FUND BALANCE AT JUNE 30	\$76,750	\$71,344	\$69,779	\$72,267	\$67,499
RESERVE BALANCE SUMMARY					
Operating Contingies	\$21,145	\$23,662	\$25,514	\$23,786	\$25,649
Rehabilitation/Replacement	17,792	34,035	6,812	34,035	4,378
Debt Service	1,398	1,398	1,398	1,417	1,417
Sinking Fund	36,415	12,250	36,056	13,028	36,056
ENDING BALANCE AT JUNE 30	\$76,750	\$71,344	\$69,779	\$72,267	\$67,499

* Numbers may not tie due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2022/23 MID-YEAR BUDGET
RECYCLED WATER FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/2021	2021/2022	2021/2022	2022/2023	2022/2023
	ACTUAL	ADOPTED BUDGET	AMENDED BUDGET	ADOPTED BUDGET	AMENDED MID YEAR
REVENUES					
Interest Revenue	\$222	\$533	\$533	\$540	\$564
Water Sales	18,095	17,290	17,290	17,610	17,610
TOTAL REVENUES	\$18,316	\$17,823	\$17,823	\$18,150	\$18,174
OTHER FINANCING SOURCES					
Property Tax - Debt/Capital	\$2,170	\$2,299	\$2,299	\$2,338	\$2,961
Connection Fees	5,700	8,399	8,399	8,653	8,653
Grants	10,692	0	0	0	520
Capital Contract Reimbursement	0	92	92	93	93
Other Revenues	97	0	0	0	0
TOTAL OTHER FINANCING SOURCES	\$ 18,660	\$ 10,790	\$ 10,790	\$ 11,084	\$ 28,160
EXPENSES					
Employment Expenses	\$5,022	\$6,034	\$6,034	\$6,284	\$6,284
Contract Work/Special Projects	544	1,215	1,215	710	1,335
Utilities	2,474	3,554	3,554	4,086	4,046
Operating Fees	5	10	10	10	10
Professional Fees and Services	464	1,322	1,389	1,348	1,323
Office and Administrative expenses	1	38	38	39	39
Materials & Supplies	107	109	138	113	170
Other Expenses	731	1,382	1,382	1,404	1,415
TOTAL EXPENSES	\$9,348	\$13,664	\$13,760	\$13,993	\$14,621
CAPITAL PROGRAM					
Work In Progress	\$3,626	\$2,480	\$2,532	\$5,550	\$13,750
TOTAL CAPITAL PROGRAM	\$3,626	\$2,480	\$2,532	\$5,550	\$13,750
DEBT SERVICE					
Financial Expenses	\$1	\$5	\$5	\$5	\$5
Interest	2,897	3,236	3,236	3,016	2,961
Principal	5,773	6,031	6,031	6,288	6,214
Short Term Inter-Fund Loan	4,933	3,000	3,000	5,000	5,000
TOTAL DEBT SERVICE	\$13,604	\$12,273	\$12,273	\$14,309	\$14,180
TRANSFERS IN (OUT)					
Capital Contribution	(\$47)	(\$291)	(\$346)	(\$362)	(\$568)
Debt Service	2,539	2,546	2,546	2,546	2,546
Operation support	(413)	(1,213)	(1,226)	(1,137)	(1,018)
Water Connection Allocation	(789)	(1,802)	(1,802)	(1,655)	(1,717)
TOTAL INTERFUND TRANSFERS IN (OUT)	\$1,290	(\$760)	(\$829)	(\$608)	(\$756)
FUND BALANCE					
Net Income (Loss)	\$11,688	(\$564)	(\$780)	(\$5,226)	\$3,026
Beginning Fund Balance July 01	34,974	43,416	46,662	42,851	45,882
ENDING BALANCE AT JUNE 30	\$46,662	\$42,851	\$45,882	\$37,625	\$48,908
RESERVE BALANCE SUMMARY					
Operating Contingency	\$3,116	\$4,555	\$4,587	\$4,664	\$4,874
Capital Construction	13,265	5,634	8,632	146	12,172
Water Connection	19,472	21,854	21,854	22,137	21,184
Rehabilitation/Replacement (R&R)	1,500	1,500	1,500	1,500	1,500
Debt Service	9,309	9,309	9,309	9,178	9,178
ENDING BALANCE AT JUNE 30	\$46,662	\$42,851	\$45,882	\$37,625	\$48,908

* Numbers may not total due to rounding



FY 2022/23 Proposed Budget Amendments

Regional Wastewater and Recycled Water Programs

Javier Chagoyen-Lazaro
Acting Assistant General Manager
April 28/May 5 Regional Committees

FY2022/23 Regional Wastewater and Recycled Water Mid-Cycle Budget Amendment Assumptions



Sources of funds:

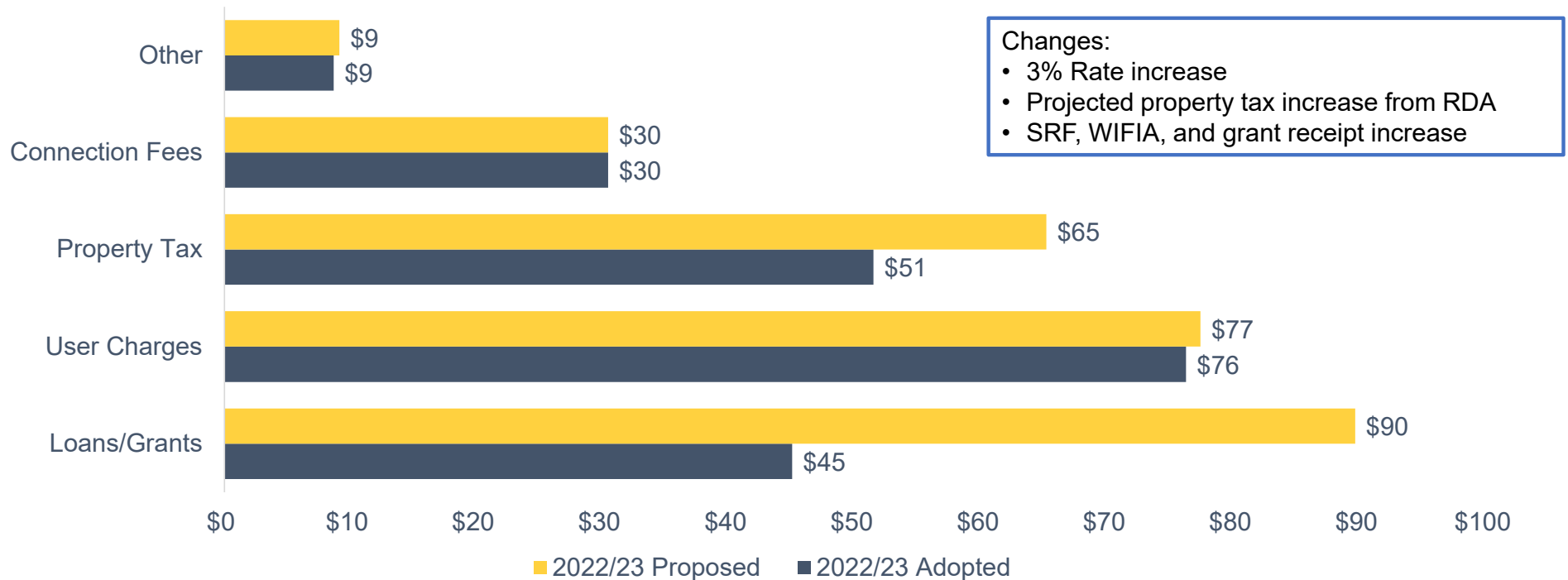
- Rate and fees adjustment of 3%
- Recycled water rate: Fixed and Variable components
- Upward adjustment of property tax receipts
- Additional loan proceeds consistent with proposed Ten-Year Forecast

Uses of funds:

- Proposed Ten Year Capital Improvement Plan (TYCIP) for FYs 2022/23 – 2031/32
 - *Facility expansion based on projected growth*
 - *Asset Management: Replacement, Repair, and Improvement*
- Inflationary chemical cost increase

Regional Wastewater SOURCES OF FUNDS

\$ Millions	FY 2022/23 Adopted	FY 2022/23 Proposed	Amendments
Total Sources of Funds	\$211.7	\$271.6	\$59.9

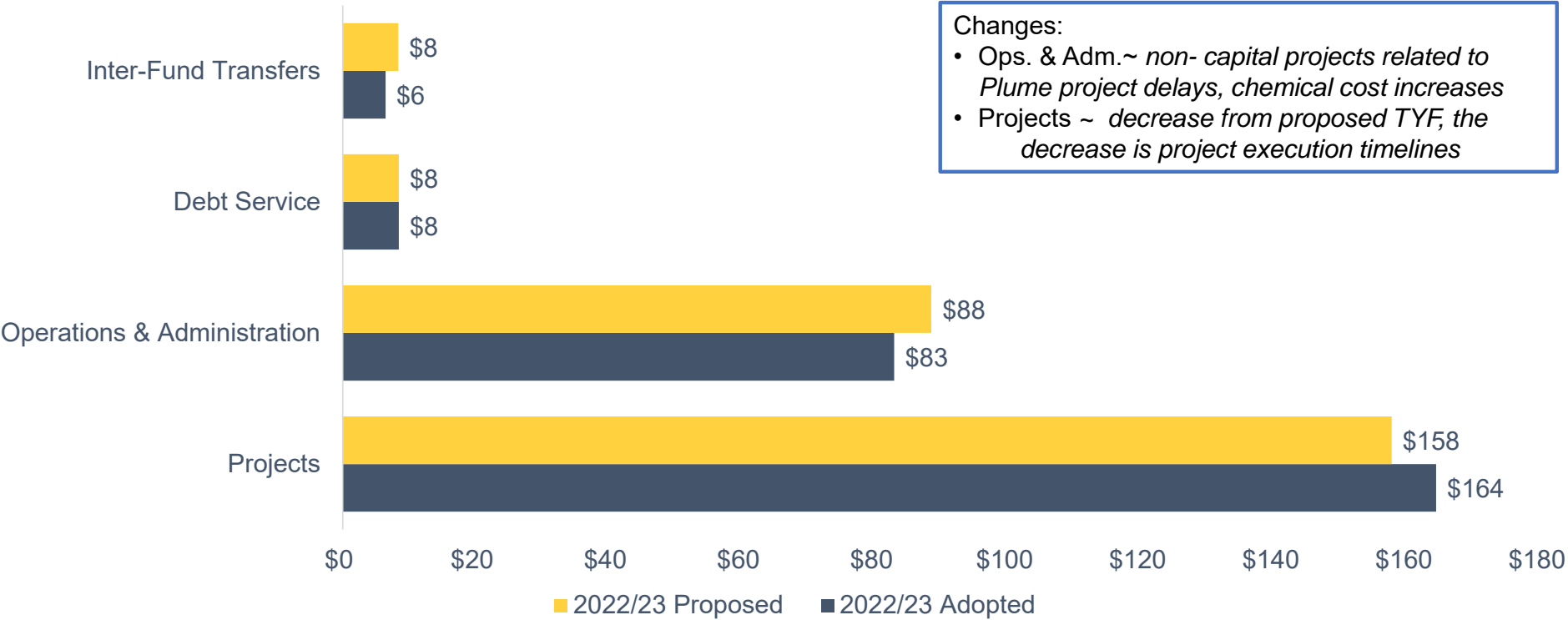


*Other Revenues include cost reimbursements, interest, Inter-Fund loan proceeds, misc. other

Regional Wastewater USES OF FUNDS



\$ Millions	FY 2022/23 Adopted	FY 2022/23 Proposed	Amendments
Total Uses of Funds	\$262.0	\$262.8	\$0.8



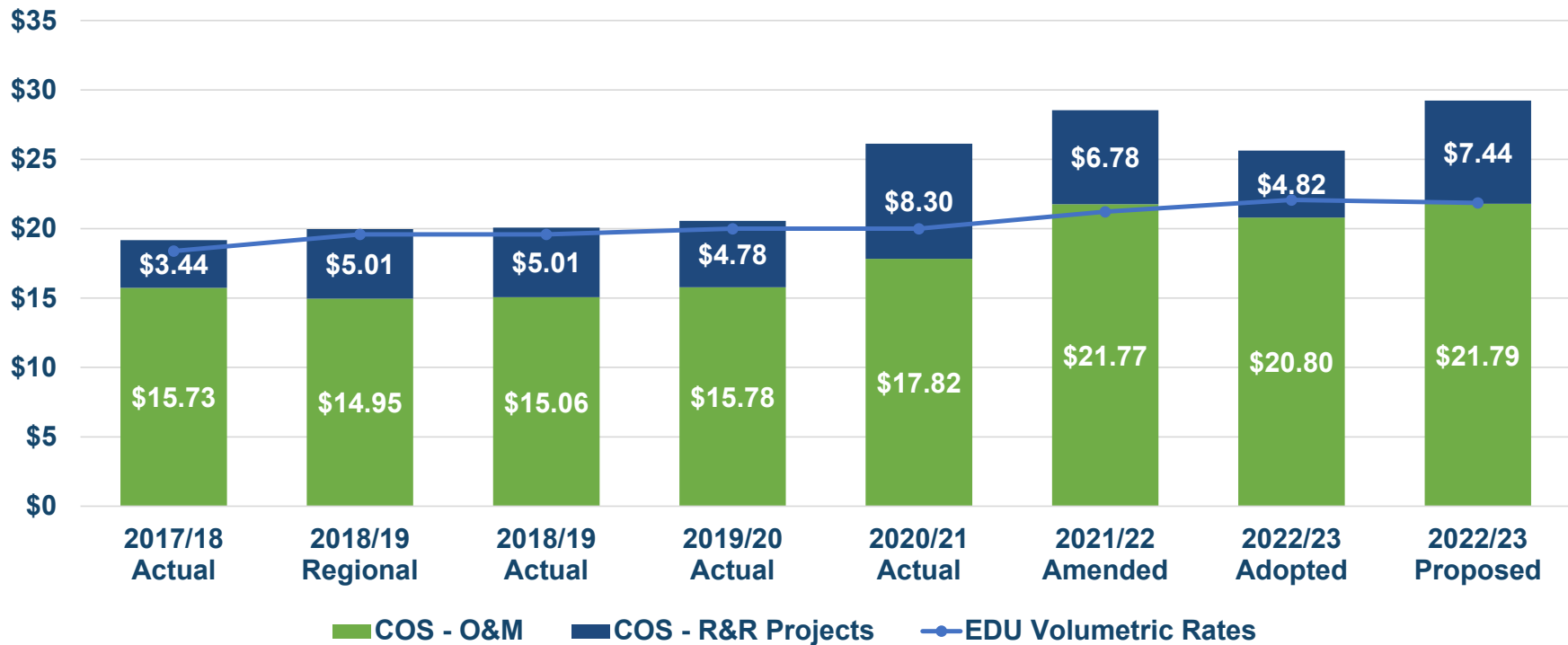
Summary Regional Wastewater

\$ Millions	FY 2022/23 Adopted	FY 2022/23 Proposed	Amendments
Total Sources of Funds	\$211.7	\$271.6	\$59.9
Total Uses of Funds	\$262.0	\$262.8	\$0.8
Increase (decrease) net position	(\$50.3)	\$9.5	\$59.1

Regional Wastewater O&M Cost of Service



	FY 2021/22 Adopted	FY 2022/23 Proposed
Monthly EDU Rate	\$21.22	\$21.86



Recycled Water

FY 2022/23 Adopted and Proposed Rates and Fees

	Proposed			Adopted*
Fund	Recycled Water			
As of July, 1	Fixed Cost Recovery ***	Recycled Water Direct Use (AF)	Recycled Water Recharge (AF)	One Water Connection Fee (MEU)
FY 2019/20	-	\$490	\$550	\$1,684
FY 2020/21**	-	\$490	\$550	\$1,684
FY 2021/22	-	\$520	\$580	\$1,787
FY 2022/23	\$1.11M	\$516	\$616	\$1,841
FY 2023/24	\$2.36M	\$510	\$660	\$1,896
FY 2024/25	\$4.96M	\$465	\$665	\$1,953

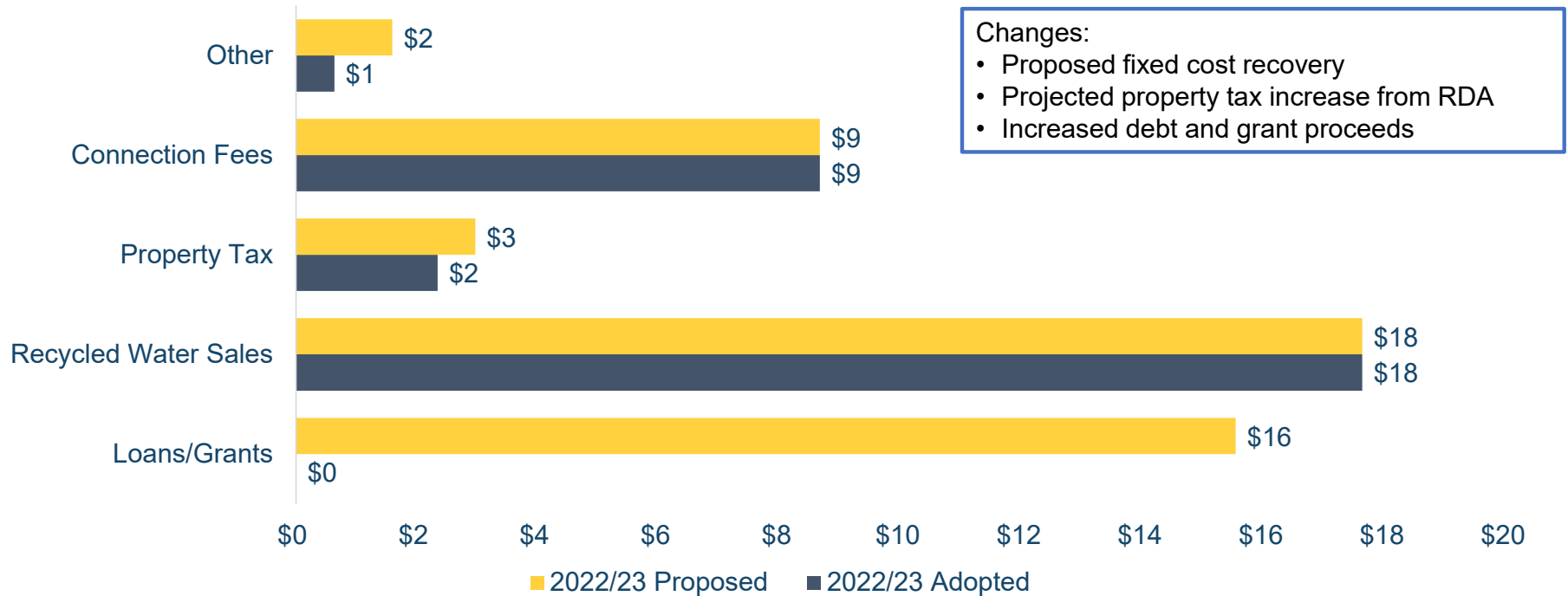
*One Water Connection Fee rates for FYs 2020/21 through 2024/25 adopted in July 2020.

**On May 6, 2020, the Board approved to defer rate increases and maintain the rates unchanged for FY 2020/21.

*** Fixed cost recovery phased in over 3 years.

Recycled Water SOURCES OF FUNDS

\$ Millions	FY 2022/23 Adopted	FY 2022/23 Proposed	Amendments
Total Sources of Funds	\$29.2	\$46.3	\$17.1

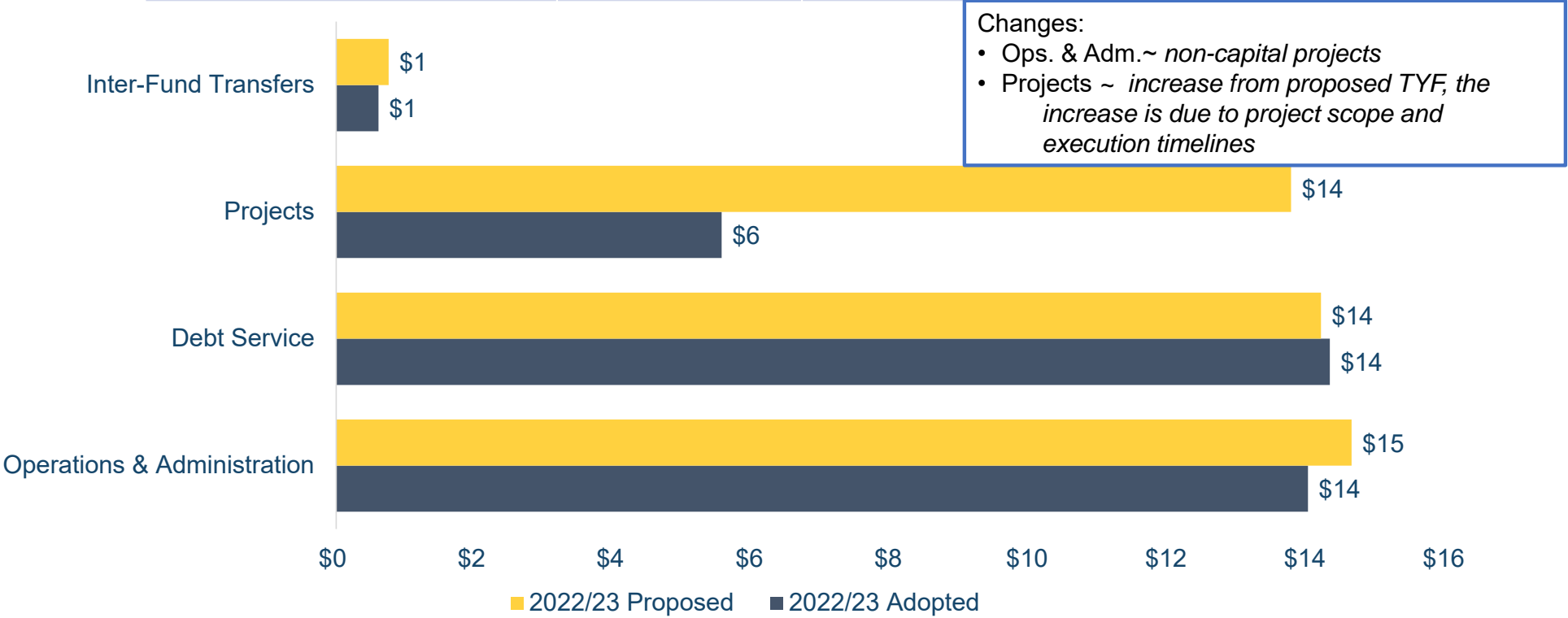


*Other Revenues include cost reimbursements, interest, Inter-Fund loan proceeds

Recycled Water USES OF FUNDS



\$ Millions	FY 2022/23 Adopted	FY 2022/23 Proposed	Amendments
Total Uses of Funds	\$34.4	\$43.3	\$8.9

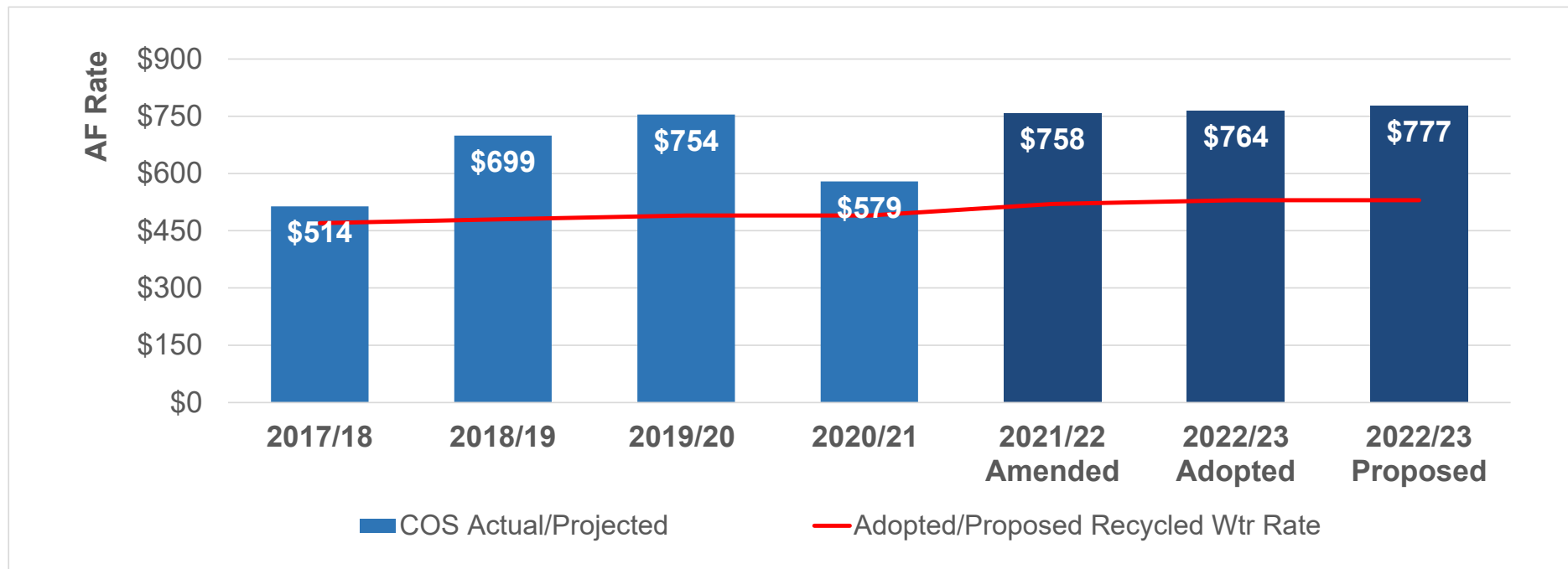


Summary Recycled Water

\$ Millions	FY 2022/23 Adopted	FY 2022/23 Proposed	Amendments
Total Sources of Funds	\$29.2	\$46.3	\$17.1
Total Uses of Funds	\$34.4	\$43.3	\$8.9
Increase (decrease) net position	(\$5.2)	\$3.0	\$8.2

Recycled Water Cost of Service

	FY 2021/22 Adopted	FY 2022/23 Proposed
Fixed Cost Recovery	-	\$1.11M
Recycled Water Direct Rate	\$520.00	\$516.00
Recycled Groundwater Recharge Rate	\$580.00	\$616.00



Questions



The proposed amendments to the FY 2022/23 Adopted Budget are consistent with the IEUA Business Goals of *Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices*.

**INFORMATION
ITEM**

2B

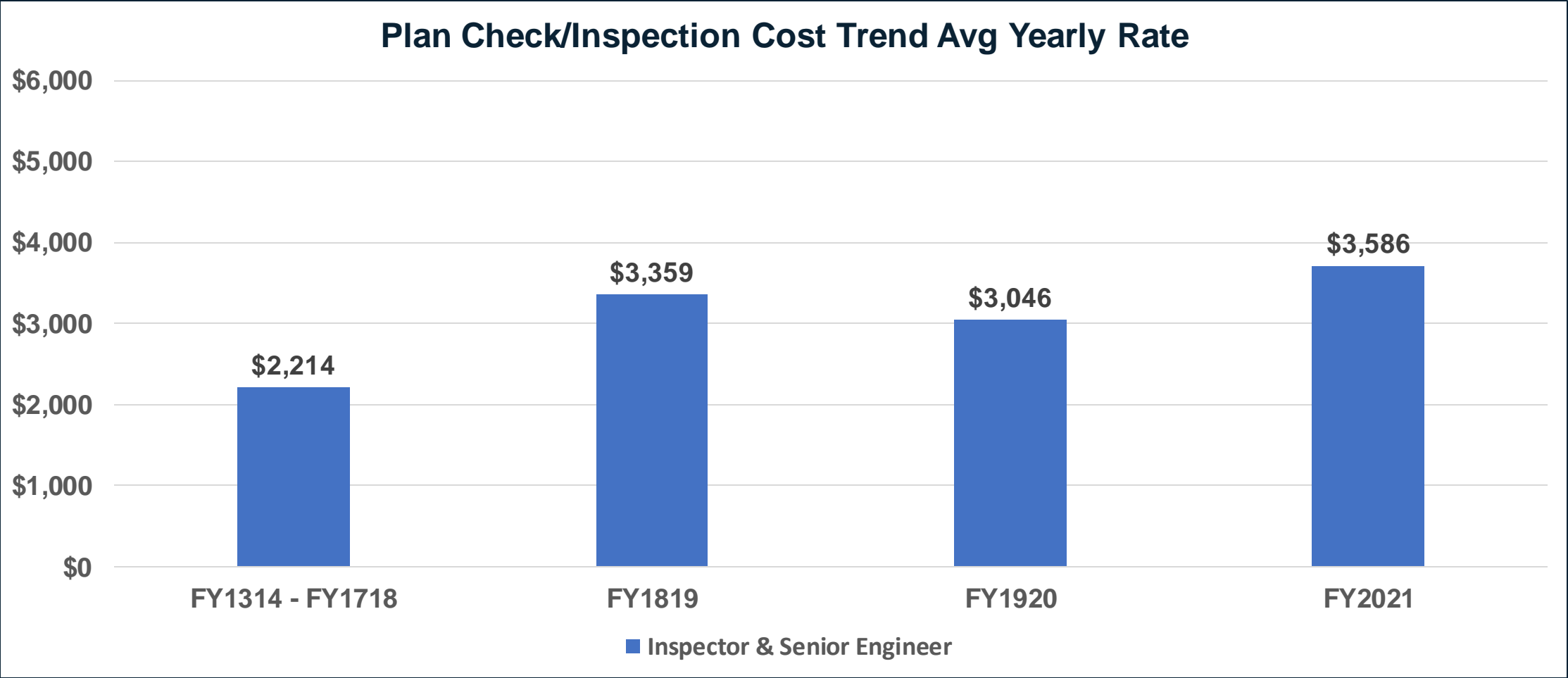
Engineering and Construction Management Fee Ordinance Review

Adham Almasri, P.E.

Principal Engineer, Engineering & CM

April 28, 2022

Current Fee Structure



Proposed Fee Breakdown for 5 Sheets

FY22/23 Plan Check and Inspection Costs					
Staff	(a)	(b)	(c)	(d)	(e)
	# of projects	Hours	Avg Hours Per Project	Fully Burdened Rate (FY22/23)	Avg \$ per project
			(b/a)		(c*d)
Inspector	10	157	15.70	\$111	\$1,743
Senior Engineer	19	200	10.53	\$155	\$1,632
Plan Check and Inspection Costs					\$3,375
Administrative and Accounting Staff Costs @ 10%					\$340
Total Costs					\$3,715

- If the Plan Check requires more than 3 reviews, the Plan Check will require additional fees of \$2,500
- For plan checks above 5 sheets, prorate the costs accordingly.

Findings

- Current plan check and inspection flat fee at \$2,214 was established in August 2018 with Resolution No. 2018-8-1 is below the estimated fee of approximately \$3,715 for up to 5 sheets of drawings per location
- Proration is needed for plan checks above 5 sheets
- Addition to Resolution No. 2018-8-1 are needed:
 - Plan Checks that require more than 3 reviews, will require additional costs of \$2,500.
 - For jobs that require more extensive work, the Agency will enter into reimbursement agreements to cover additional labor and other unforeseen Agency costs.

**INFORMATION
ITEM**

2C



Operations & Maintenance Department Quarterly Update

Robert Delgado
Manager of Maintenance
April 2022

Safety Statistics



Actions Taken:

- Safety Standdowns
- Review of Lagging Indicator
 - What can we learn and how can we improve?
- Stretch and Flex Program Implementation
- Renewed Commitment to our Values

Dec 15, 2021 at 11:49:30 AM
Chino



Dec 15, 2021 at 12:28:43 PM
Chino

Awards and Recognition



- Community Engagement and Outreach – Project of the Year



SARBS Innovation Award



- Spare Motor Automatic Rotator
 - First place at the local level & second place at state level
 - Increases equipment reliability
 - Reduces O&M cost



Factory Acceptance Testing



- Requirement per project specifications
- Agency staff witnesses and validates performance of equipment
- Opportunity for IEUA to build relationships with suppliers



Technology, Training, and Volunteers



- Technology:
 - Remote Equipment Monitoring
- Training:
 - Variable Frequency Drives
 - Certified Reliability Leader
 - Machinery Lubrication
 - Planning & Scheduling
- Volunteers:
 - SARBS of CWEA
 - Career Fairs and Outreach Programs



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Date: April 28, 2022

To: Regional Technical Committee

From: Inland Empire Utilities Agency

Subject: IEUA – Metropolitan Water District of Southern California Term Sheet for the Chino Basin Program Water Storage Investment Program Environmental Water Exchange

RECOMMENDATION

This is an information item.

BACKGROUND

The Chino Basin Program was deemed feasible by the California Water Commission (CWC) in November 2021 through the Water Storage Investment Program (WSIP) funding by Proposition 1 which comprises of a water exchange of 375,000 acre-feet over a 25-year term. Inland Empire Utilities Agency (IEUA) is seeking the cooperation and partnership of Metropolitan Water District of Southern California (Metropolitan) to implement this exchange with the California Department of Water Resources (DWR) and the California Department of Fish and Wildlife (CDFW). Metropolitan will coordinate with DWR and CDFW to develop operating terms that will facilitate this exchange.

A term sheet was developed by IEUA and Metropolitan to define the terms of the WSIP water exchange requirements for call years during the 25-year period. Metropolitan will receive an exchange of water from IEUA from water stored in the Chino Basin. During a call year, IEUA's performance requirements will consist of the local production of 40,000 acre-feet of which 10,000 acre-feet will be pumped back to Metropolitan's Rialto Pipeline and 30,000 acre-feet will be distributed to local participating agencies. The coordination and implementation of the water exchange will be managed by a CBP operating committee made up of IEUA and Metropolitan staff.

Metropolitan presented the term sheet to their Board of Directors, and it was approved on April 12, 2022. IEUA staff will provide the term sheet to the Regional Policy Committee as an information item on May 5, 2022, and then to the IEUA Board of Directors as an action item on May 18, 2022.

Attachment 2
Term Sheet for Water Storage and Investment Program (WSIP) Environmental Water Exchange
between Metropolitan Water District of Southern California (Metropolitan) and Inland Empire
Utilities Agency (IEUA)

Exchange Quantities

1. WSIP is a water storage investment program funded by the California Water Commission (CWC) through Proposition 1 and Inland Empire Utilities Agency (IEUA).
2. The water exchange will total 375,000 acre-feet (AF) of water in increments (40,000 AF per call year maximum) over a 25-year agreement term.
3. IEUA will facilitate the production and storage of 375,000 AF of advanced treated recycled water supply in the Chino Groundwater Basin.
4. IEUA will deliver stored groundwater into the Metropolitan service area during call years. In exchange, Metropolitan will provide the water to facilitate the release of water from Oroville for ecosystem-improvement purposes (pulse flows).
5. When water is released from Lake Oroville for pulse flows, Metropolitan will receive an exchange of water from IEUA from water stored in the Chino Basin.
6. IEUA shall coordinate up to 40,000 AF of local production through a combination of in-lieu means (30,000 AF of capacity) and direct pumping into Metropolitan's Rialto Pipeline (10,000 AF of capacity).
7. This IEUA production fulfills IEUA's obligation under the exchange agreement.

Operations

8. The Environmental Water Exchange shall not negatively impact the water supply or system operations of the State Water Project (SWP), Metropolitan, or its member agencies.
9. Metropolitan will work in good faith to develop the operating terms and conditions and agreement with the State to facilitate the exchange.
10. California Department of Water Resources (DWR) will identify the annual capacity available for pulse flows. California Department of Fish and Wildlife (CDFW) will limit calls to below normal and dry years. DWR will preapprove the potential volume of pulse flows in any potential call year. If called by CDFW, the pulse flow release from Lake Oroville will occur in the Spring, with the water exchange between Metropolitan and IEUA taking place as agreed upon in the CBP Operating Committee.
11. Metropolitan has the ability to decline any annual call when IEUA is unable to show availability of exchange water, when Metropolitan operations limit the ability to receive exchange supplies from IEUA or when the exchange will negatively impact Metropolitan or its member agencies. Such actions shall be brought to the CBP Operating Committee for discussion.
12. A schedule for local performance and completing water exchanges will be established in the operating plan and administered by the CBP Operating Committee.
13. Pump-in/in-lieu deliveries shall be metered to account for all deliveries.
14. Pump-in water will need to comply with Metropolitan's present and future pump-in water quality and system protection requirements.

15. A “CBP Operating Committee” will be established to coordinate IEUA and Metropolitan activities. The CBP Operating Committee will generate an annual operating plan in anticipation of a call year. The operating plan will consider the amount of call water, a performance schedule, the in lieu/pump-in split, operations and maintenance requirements, water quality monitoring, accounting, reporting, and performance certification/reconciliation.
16. Metropolitan shall have the right to withhold subsequent call year ‘go’ decisions should IEUA be unable to perform in a given year until such required performance is achieved.
17. Metropolitan will support future efforts by IEUA to obtain federal funding to offset program costs.
18. Metropolitan will work collaboratively and in a timely fashion with IEUA to explore additional benefits including opportunities for long term storage programs in the Chino Basin.

Cost

19. Metropolitan has no obligation to invest in the facilities required for the exchange.
20. IEUA will enter into a take or pay contract committing to pay the supply rate for the potential in-lieu delivery from the CBP (30 TAF). In non-call years, IEUA would get credited that amount toward their Metropolitan water purchases. In call years, Metropolitan would refund the supply rate charges to IEUA for the certified amount of in-lieu delivery from the CBP as part of the annual reconciliation process.
21. Pulse flow releases from Lake Oroville and subsequent reduction in Table A deliveries to Metropolitan from SWP facilities will affect schedules and quantities of SWP hydropower generation and pump load requirements. IEUA and Metropolitan will work with DWR to implement equitable accounting and reimbursement procedures to the satisfaction of all parties to account for any resulting changes in the variable operation and maintenance, power and replacement (OMP&R) component of Transportation Charges as designated in SWP water supply contracts. This accounting will include consideration of real time energy market considerations and be based on application of best practices for management of the SWP energy portfolio by DWR. Net costs or credits will be exchanged between IEUA and DWR by separate agreement and are not a responsibility of Metropolitan.

Additional Benefits

22. Metropolitan can borrow up to 40,000 AF of stored water from WSIP consistent with the IEUA/CWC agreement. This benefit is intended to provide flexibility to Metropolitan. IEUA will be made whole for direct costs resulting from such borrowing. Execution and payback of the borrowed water shall occur by the end of the agreement and be coordinated through the CBP Operating Committee.
23. Predelivery of water against future performance requirements will be allowed by mutual agreement and coordinated/administered by the CBP Operating Committee. In-lieu vs pump in strategies will be determined by CBP Operating Committee.

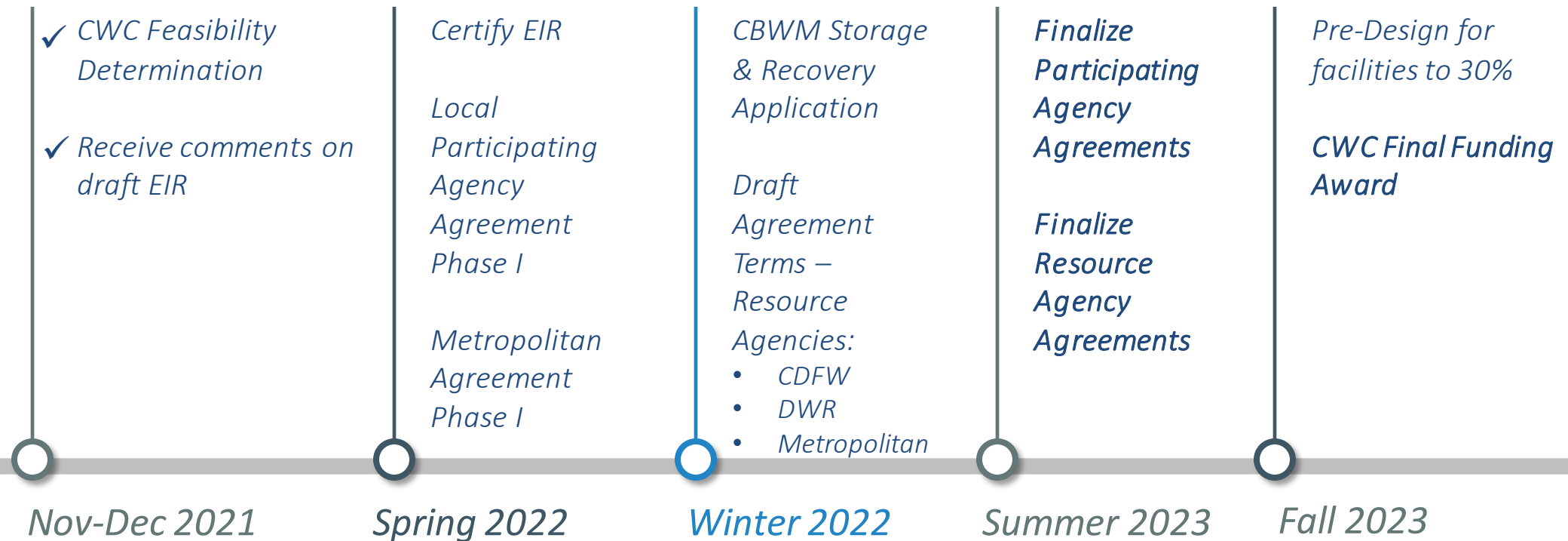
IEUA-Metropolitan Water District Term Sheet for the Chino Basin Program

Elizabeth Hurst

Chino Basin Program Manager

April 28, 2022

Chino Basin Program Update



Background

- The California Water Commission (CWC) deemed the Chino Basin Program (CBP) feasible for the Water Storage Investment Program (WSIP) funded by Proposition 1.
- The CBP will provide an environmental water exchange of 375,000 acre-feet for 25 years with the California Department of Water Resources (DWR) for pulse flows as called by the California Department of Fish and Wildlife.
- To facilitate the exchange, IEUA is seeking to partner with Metropolitan Water District of Southern California (Metropolitan) for the 25-year term.
- A term sheet between IEUA and Metropolitan will aide in the implementation of the water exchange.

Term Sheet Highlights

- Metropolitan will work in good faith to develop operating terms and conditions with the state agencies to facilitate the exchange.
- Metropolitan will facilitate the release of water from Lake Oroville to ecosystem improvements during a call year.
- IEUA will coordinate up to 40,000 AF of local production during a call year which consist of 30,000 AF of in-lieu deliveries and 10,000 AF of direct pumping into Metropolitan's Rialto Pipeline.
- A "CBP Operating Committee" will be established to coordinate and administer an operating plan for local performance and water exchanges. The committee will consist of IEUA and Metropolitan staff from various departments.

Schedule

- ✓ April 1, 2022 – Metropolitan Water District Member Agency Managers presentation
- ✓ April 12, 2022 – Metropolitan Water District Board of Directors approval of the Term sheet
- ✓ April 28, 2022 – Provide to Regional Technical Committee
- May 5, 2022 – Provide to Regional Policy Committee
- May 18, 2022 – IEUA Board of Directors approval of the Term Sheet

The IEUA-Metropolitan Water District Term Sheet for the Chino Basin Program supports IEUA's business goal of Water Reliability by implementing an integrated water resources management plan that provides the region with reliable and cost-effective water supply and promotes sustainable water use.

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Regional Sewerage Program Policy Committee Meeting

AGENDA
Thursday, May 5, 2022
3:30 p.m.
Teleconference Call

In an effort to prevent the spread of COVID-19, the Regional Sewerage Program Policy Committee Meeting will be held remotely by teleconference.

Teams Conference Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWU1NzA2NDktM2VjMC00NDU1LTkxMmUtMiYyMjA2YWM3YWU4%40thread.v2/0?context=%7b%22Tid%22%3a%224c0c1e57-30f3-4048-9bd2-cd58917dcf07%22%2c%22Oid%22%3a%22329ec40e-eb94-4218-9621-6bfa0baa9697%22%7d

Teleconference: 1-415-856-9169/Conference ID: 552 973 583#

This meeting is being conducted virtually by video and audio conferencing. There will be no public location available to attend the meeting; however, the public may participate and provide public comment during the meeting by calling the number provided above. Alternatively, you may email your public comments to the Recording Secretary Sally Lee at shlee@ieua.org no later than 24 hours prior to the scheduled meeting time. Your comments will then be read into the record during the meeting.

Call to Order/Flag Salute

Roll Call

Public Comment

Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; 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.
Comments will be limited to three minutes per speaker.

(Continued)

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. Technical Committee Report *(Oral)*

2. Action Item

- A. Approval of April 5, 2022 Policy Committee Special Meeting Minutes
- B. FY 2022/23 Proposed Budget Amendment for the Regional Wastewater and Recycled Water Programs and Proposed Rates/Fees

3. Informational Items

- A. Regional Contract Negotiation Update *(Oral)*
- B. Review of the Proposed Budget Amendment for FY 2022/23 for the Regional Wastewater and Recycled Water Programs

4. Receive and File

- A. IEUA-MWD Term Sheet for the Chino Basin Program Water Storage Investment Program Environmental Water Exchange
- B. Engineering and Construction Management Fee Ordinance Review
- C. Operations and Maintenance Department Quarterly Update
- D. Building Activity Report
- E. Recycled Water Distribution – Operations Summary

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting – June 2, 2022

Adjourn

DECLARATION OF POSTING

I, Sally Lee, Executive Assistant of the Inland Empire Utilities Agency*, a Municipal Water District, hereby certify that, per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Sally Lee at (909) 993-1926 or shlee@ieua.org 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

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Building Activity Report - YTD Fiscal Year 2021/22



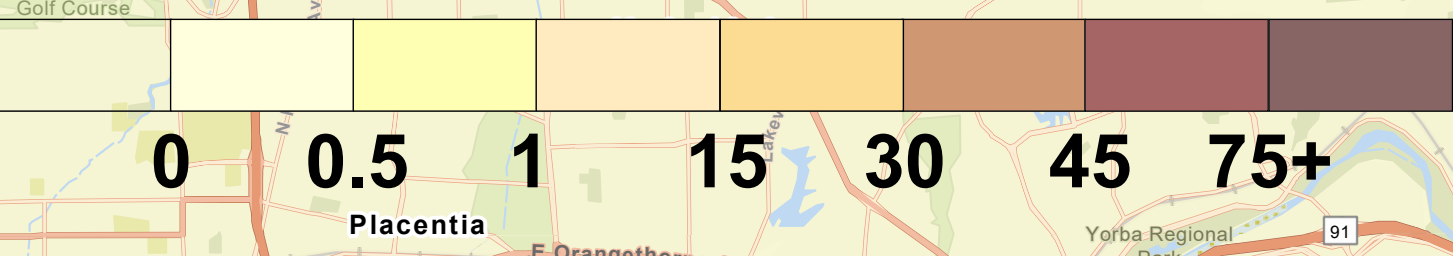
Legend

Service Area

Unincorporated

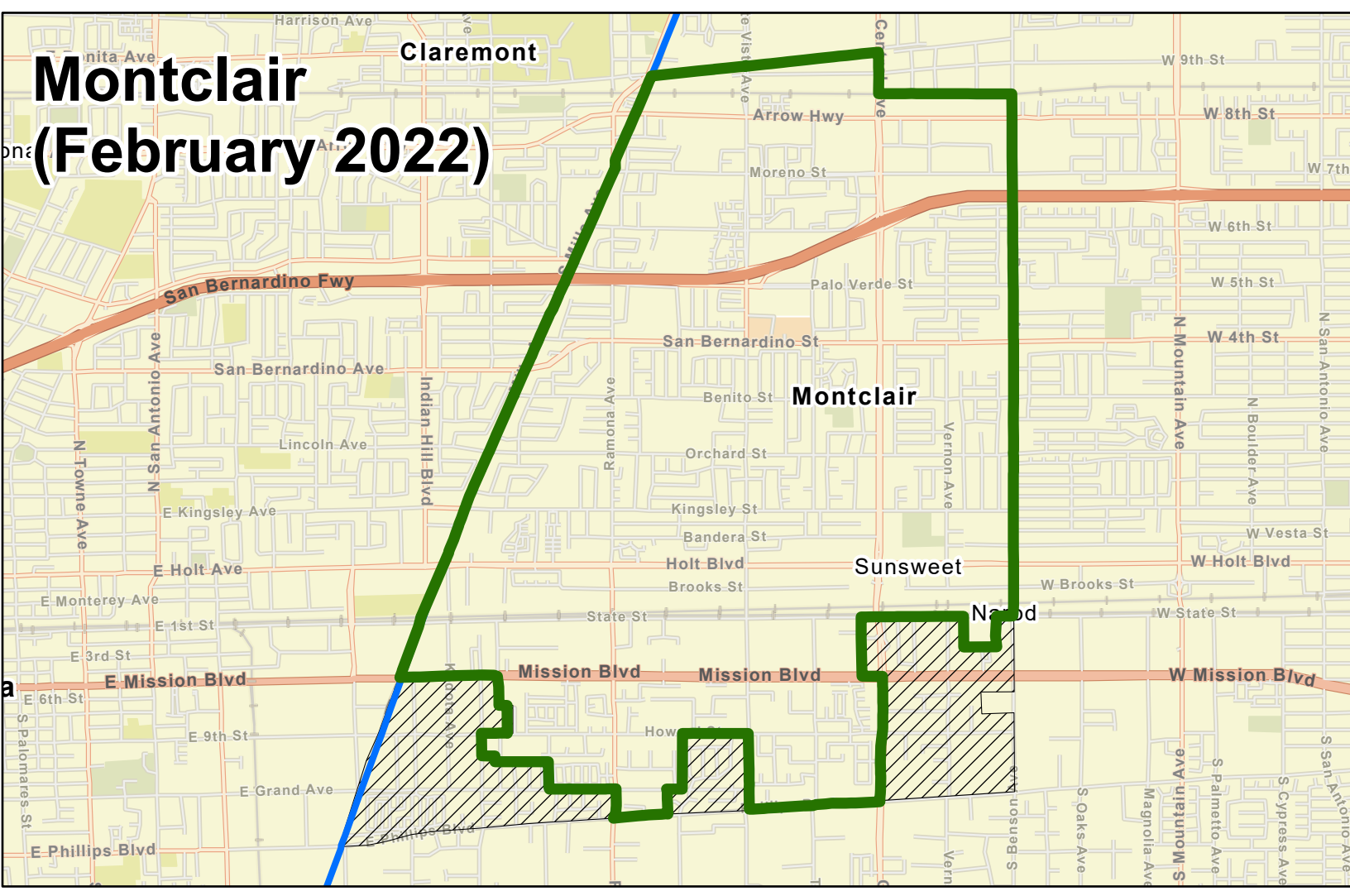
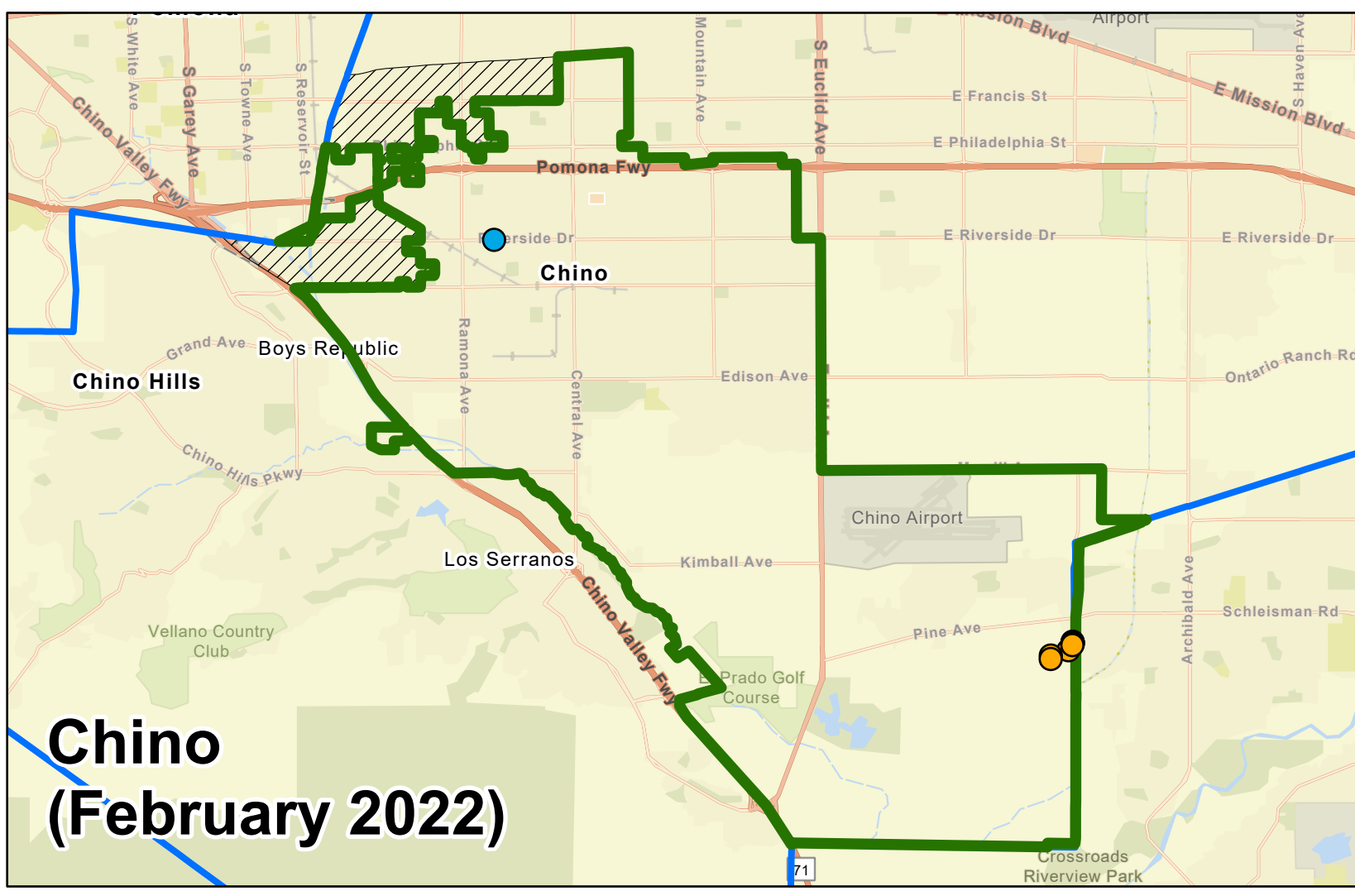
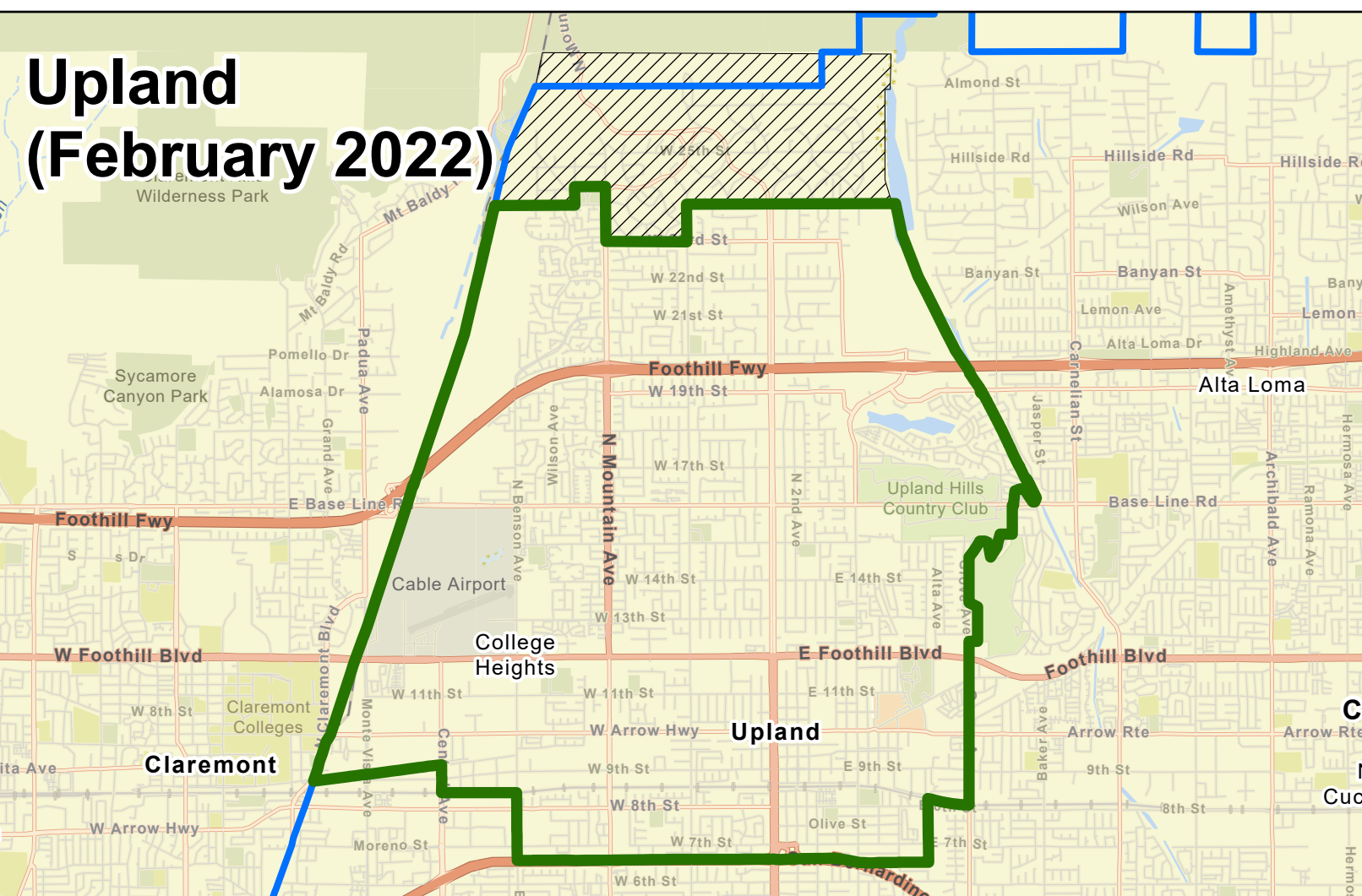
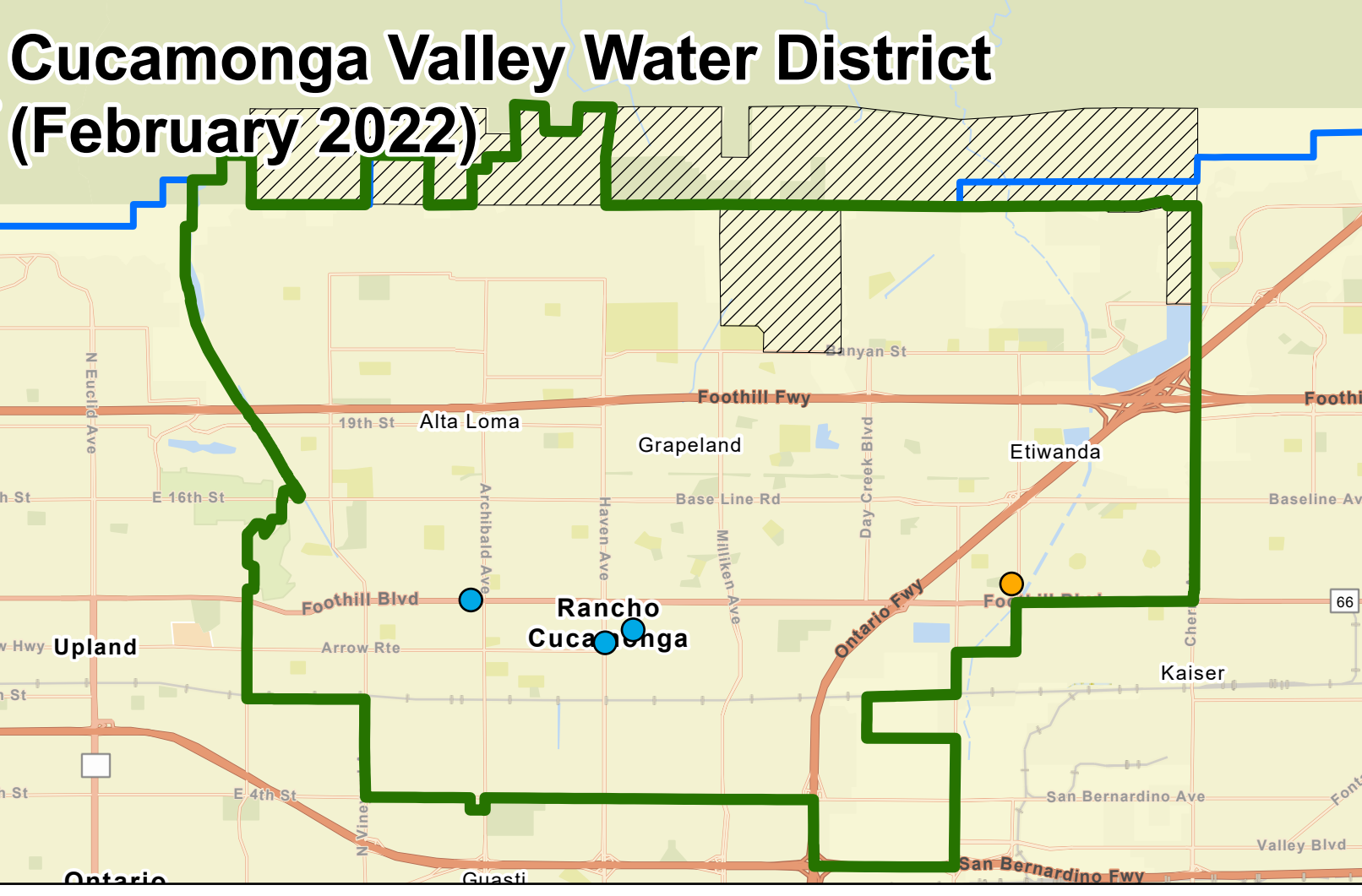
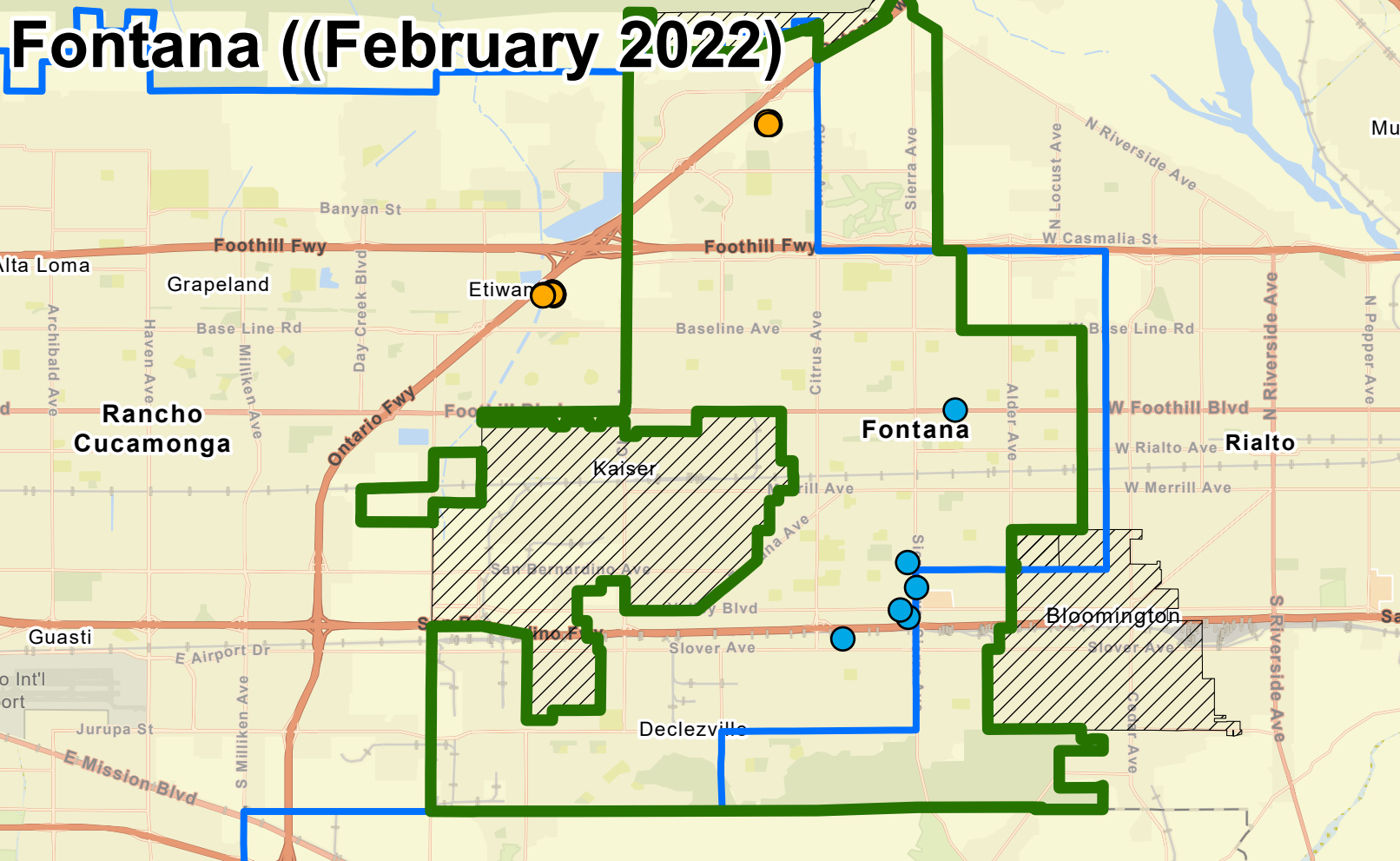
- Residential**
- <=1.0
 - 1.0 - 10.0
 - >10.0
- Commercial**
- <=1.0
 - 1.0 - 10.0
 - >10.0
- Industrial**
- <=1.0
 - 1.0 - 10.0
 - >10.0

HALF MILE GRID: TOTAL EDU's (YTD)



TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual				Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (EDUs)	
Chino	63	0	345	409	434
Chino Hills	45	0	19	64	276
CVWD	93	306	326	725	2050
Fontana	82	3	395	480	1792
Montclair	10	0	0	10	474
Ontario	195	12	738	946	7560
Upland	11	0	28	39	952
Total	499	321	1851	2672	13538



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IEUA RECYCLED WATER DISTRIBUTION – MARCH 2022

TOTAL ALL PLANTS

Influent: 50.1 MGD

Delivered: 29.6 MGD

Percent Delivered: 59%

Preliminary Deliveries

RW GWR: 12.9 MGD

RW Direct Use: 16.7 MGD

RP-4

Delivered: 8.0 MGD

RP-1

Delivered: 12.1 MGD

CCWRF

Delivered: 4.8 MGD

RP-5

Delivered: 4.7 MGD

Delivered For Groundwater Recharge

Storm/Local Runoff: 11.2 MGD 1,067 AFM

Imported Water: 0 MGD 0 AFM

Recycled Water: 12.9 MGD 1,232 AFM

Total: 24.1 MGD 2,299 AFM

Creek Discharges

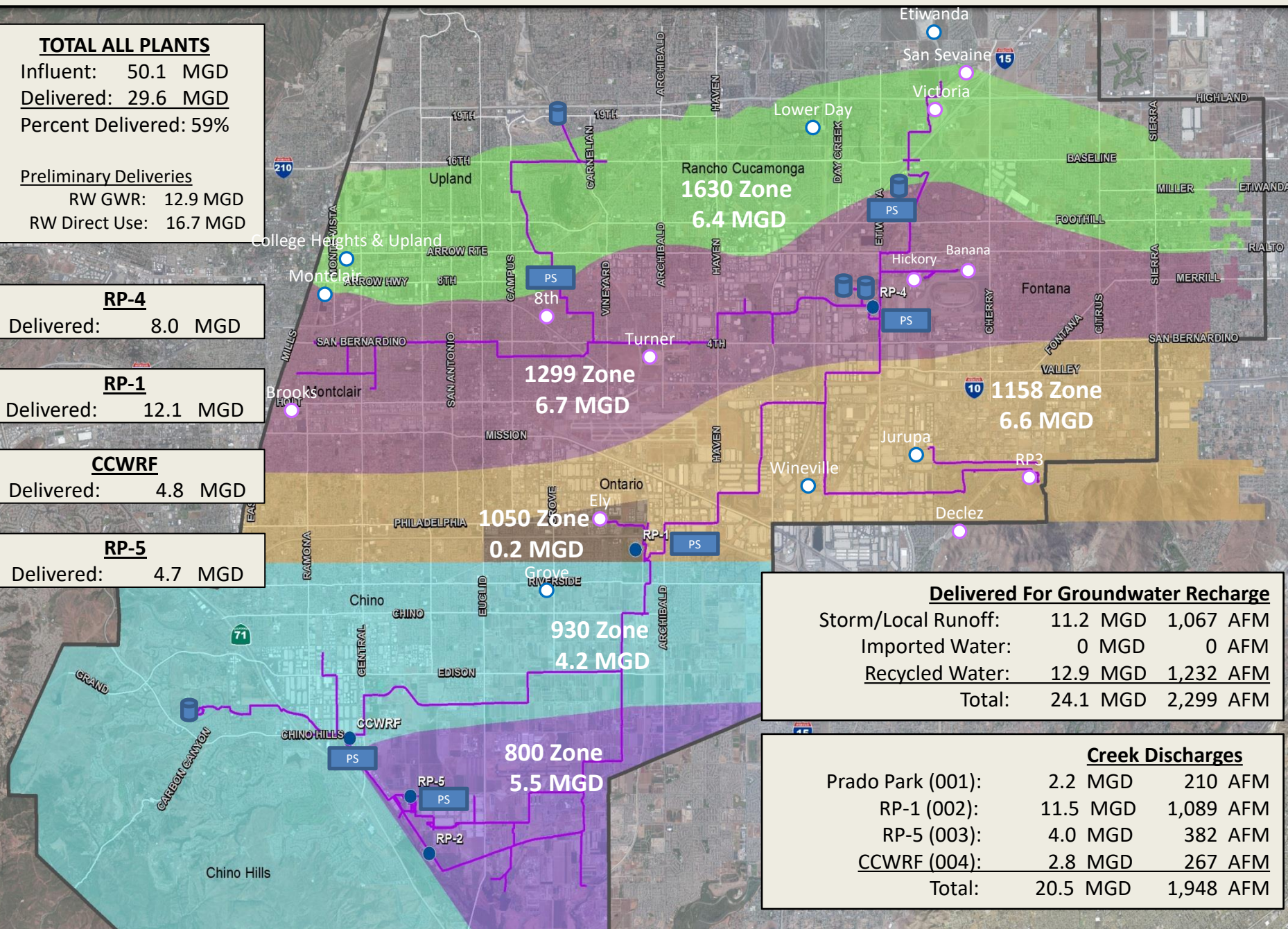
Prado Park (001): 2.2 MGD 210 AFM

RP-1 (002): 11.5 MGD 1,089 AFM

RP-5 (003): 4.0 MGD 382 AFM

CCWRF (004): 2.8 MGD 267 AFM

Total: 20.5 MGD 1,948 AFM



Recycled Water Recharge Deliveries - March 2022 (Acre-Feet)

Basin	3/1-3/5	3/6-3/12	3/13-3/19	3/20-3/26	3/27-3/31	Month Actual	FY To Date Actual	Deliveries are draft until reported as final and do not included evaporative losses.	
Ely	16.4	0.0	0.0	0.0	0.0	16.4	513		
Banana	0.0	36.1	24.0	24.9	1.4	86.4	522		
Hickory	8.4	15.4	24.0	24.9	1.4	74.1	788		
Turner 1 & 2	0.0	0.0	0.0	0.0	0.0	0.0	542		
Turner 3 & 4	0.0	0.0	0.0	33.1	3.7	36.8			
8th Street	0.0	72.8	65.3	20.1	0.0	158.2	1812		
Brooks	0.0	0.0	0.0	0.0	0.0	0.0	550		
RP3	22.4	51.1	72.2	50.8	58.7	255.2	3899		
Declez	4.9	24.6	31.3	22.5	0.3	83.6	629		
Victoria	17.2	40.0	55.1	92.5	31.0	235.8	1147		
San Sevaine	36.5	50.4	67.0	94.0	31.1	279.0	2475		
Total	105.8	290.4	338.8	362.8	127.7	1,225.5	12,875	11,470	AF previous FY to day actual

