

WEST BASIN MUNICIPAL WATER DISTRICT

WATER USE REPORT

FISCAL YEAR 2020-2021

PROVIDING A SAFE AND RELIABLE SUPPLY OF
HIGH QUALITY WATER TO THE COMMUNITIES WE SERVE



WEST BASIN MUNICIPAL WATER DISTRICT develops an annual water use report to inform its customer agencies, Board of Directors, staff members, and other key stakeholders of the service area's annual and historical water consumption. The information provided includes specific retail water demand data for each customer agency. The water use report is designed to be a useful reference tool that includes the following information:

- **Service Area and Customer Agency Maps**
- **Water Supply Portfolio**
- **10-year Historical Water Use** (imported, recycled, groundwater, and desalted)
- **Monthly Water Use for the Most Recent Fiscal Year**
- **Potable Meter Connection Data**
- **Recycled Water Program Information and Facility Map**
- **Recycled Water Connections**
- **Imported and Recycled Water Rates and Charges**

In addition, this year's report provides information on the following items:

- **West Basin Board of Directors**
- **West Basin Leadership Team**
- **District Contact Information**
- **Links to Recently Updated West Basin Plans**
 - 2020 Urban Water Management Plan
 - Water Shortage Contingency Plan
 - Recycled Water Master Plan

Previous annual water use reports may be found on the West Basin Reports & Plans webpage:

www.westbasin.org/policy-planning/reports-plans

WEST BASIN MUNICIPAL WATER DISTRICT

WATER USE REPORT

FISCAL YEAR 2020-2021

TABLE OF CONTENTS

Board of Directors	2
West Basin Service Area Map	3
West Basin Customer Agency Map	4
West Basin Customer Agencies	5
West Basin Current Water Supply Portfolio	6
West Basin Service Area Demand	7

I. Total Water Use

West Basin Municipal Water District	10
California American Water Company	12
California Water Service – Dominguez	13
California Water Service – Hawthorne	14
California Water Service – Hermosa Redondo	15
California Water Service – Palos Verdes	16
City of El Segundo	17
City of Inglewood	18
Los Angeles County Waterworks District 29	19
City of Lomita	20
City of Manhattan Beach	21
Golden State Water Company – Culver City	22
Golden State Water Company – Southwest District	23
Water Replenishment District	24

II. Water Recycling Program

Recycled Water Program	28
Recycled Water Distribution System Map	30
Recycled Water Sales	32
West Basin Municipal Water District	32
California Water Service – Dominguez	34
California Water Service – Hawthorne	35
California Water Service – Hermosa Redondo	36
City of El Segundo	37
City of Inglewood	38
City of Manhattan Beach	39
Golden State Water Company	40
Los Angeles Department of Water and Power	41
City of Torrance	42
Water Replenishment District	43

III. Water Rates & Charges

FY 2021-2022 Water Rates and Charges	46
--	----

IV. Resources

Other Water Resources Planning Efforts	50
West Basin Leadership and Contact Information	51

WEST BASIN MUNICIPAL WATER DISTRICT BOARD OF DIRECTORS

MISSION

To provide a safe and reliable supply of high-quality water to the communities we serve.

BOARD OF DIRECTORS

West Basin is governed by an elected five-member Board of Directors, each representing a designated division of the district. Directors serve staggered four-year terms with Board elections scheduled to occur every other year.



Harold C. Williams

DIVISION I

Carson, Palos Verdes Estates, Rancho Palos Verdes, Rolling Hills, Rolling Hills Estates, and unincorporated LA County areas of Rancho Dominguez



Gloria D. Gray

DIVISION II

Inglewood, and unincorporated LA County areas of Lennox, South Ladera Heights, West Athens, and Westmont



Desi Alvarez

DIVISION III

Hermosa Beach, Lomita, Manhattan Beach, Redondo Beach, and a portion of Torrance



Scott Houston

DIVISION IV

Culver City, El Segundo, Malibu, West Hollywood, and unincorporated LA County areas of Del Aire, Lennox, Marina del Rey, North Ladera Heights, Topanga, View Park, and Windsor Hills

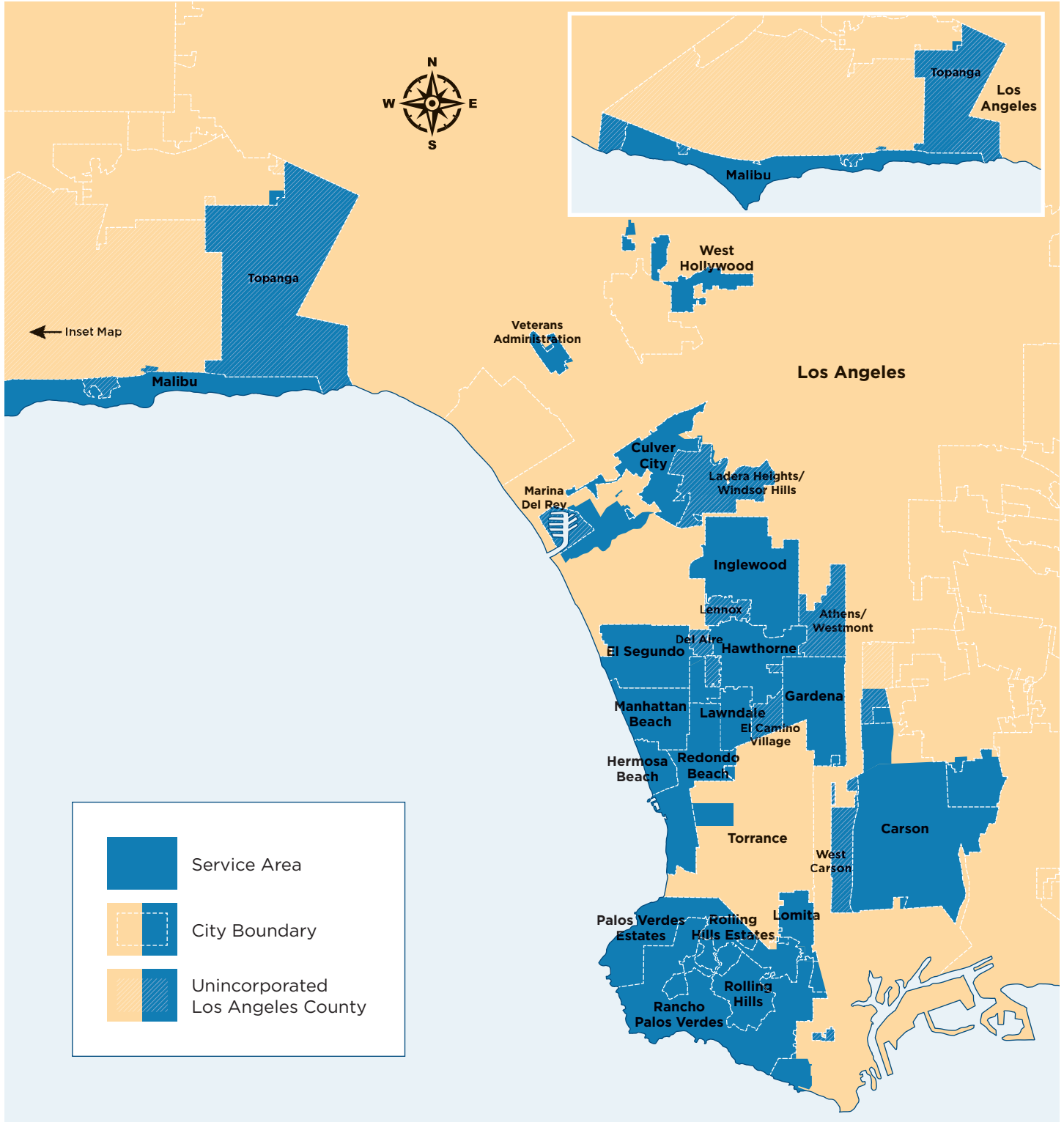


Donald L. Dear

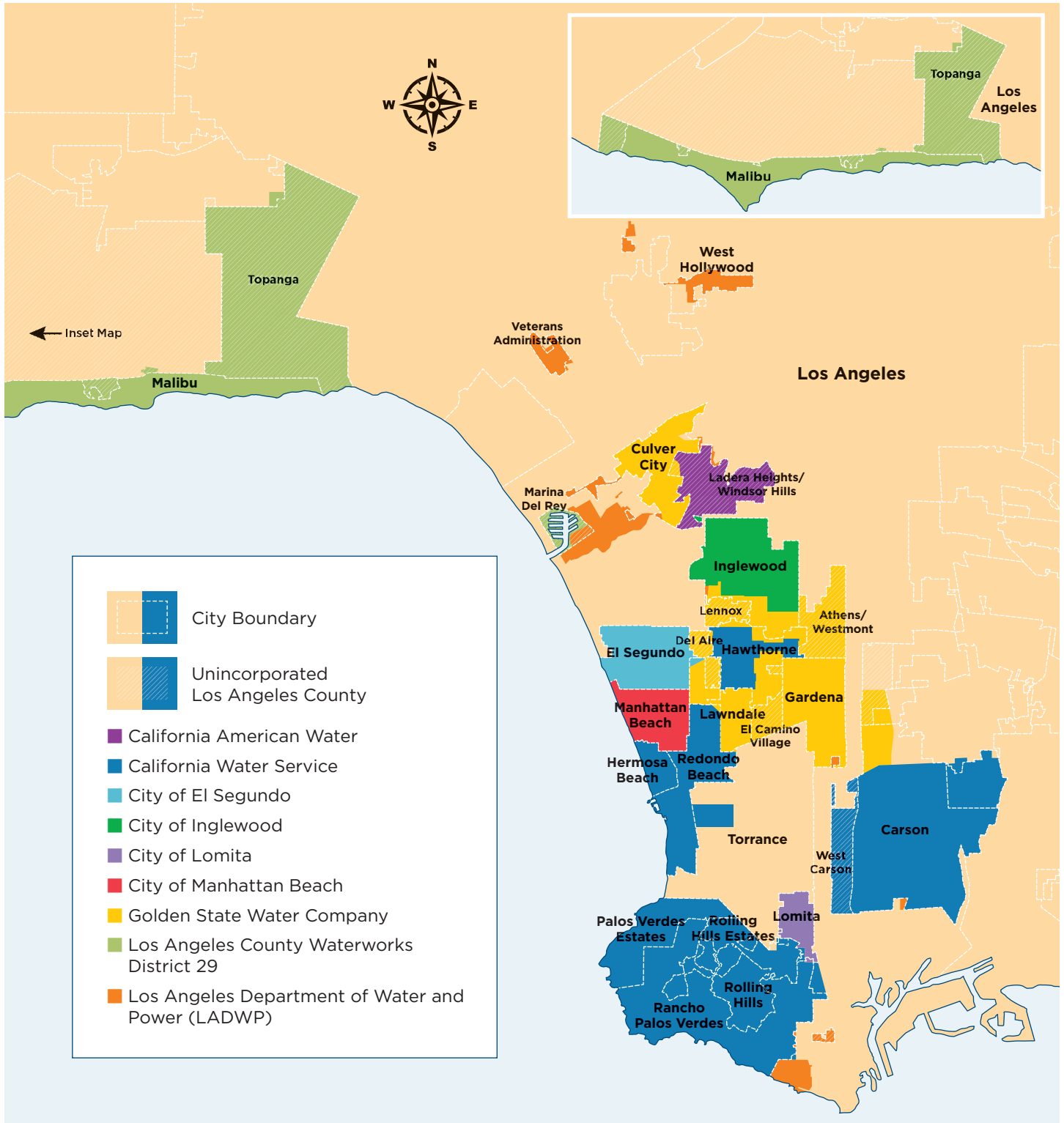
DIVISION V

Gardena, Hawthorne, Lawndale, and unincorporated LA County area of El Camino Village

WEST BASIN MUNICIPAL WATER DISTRICT SERVICE AREA MAP



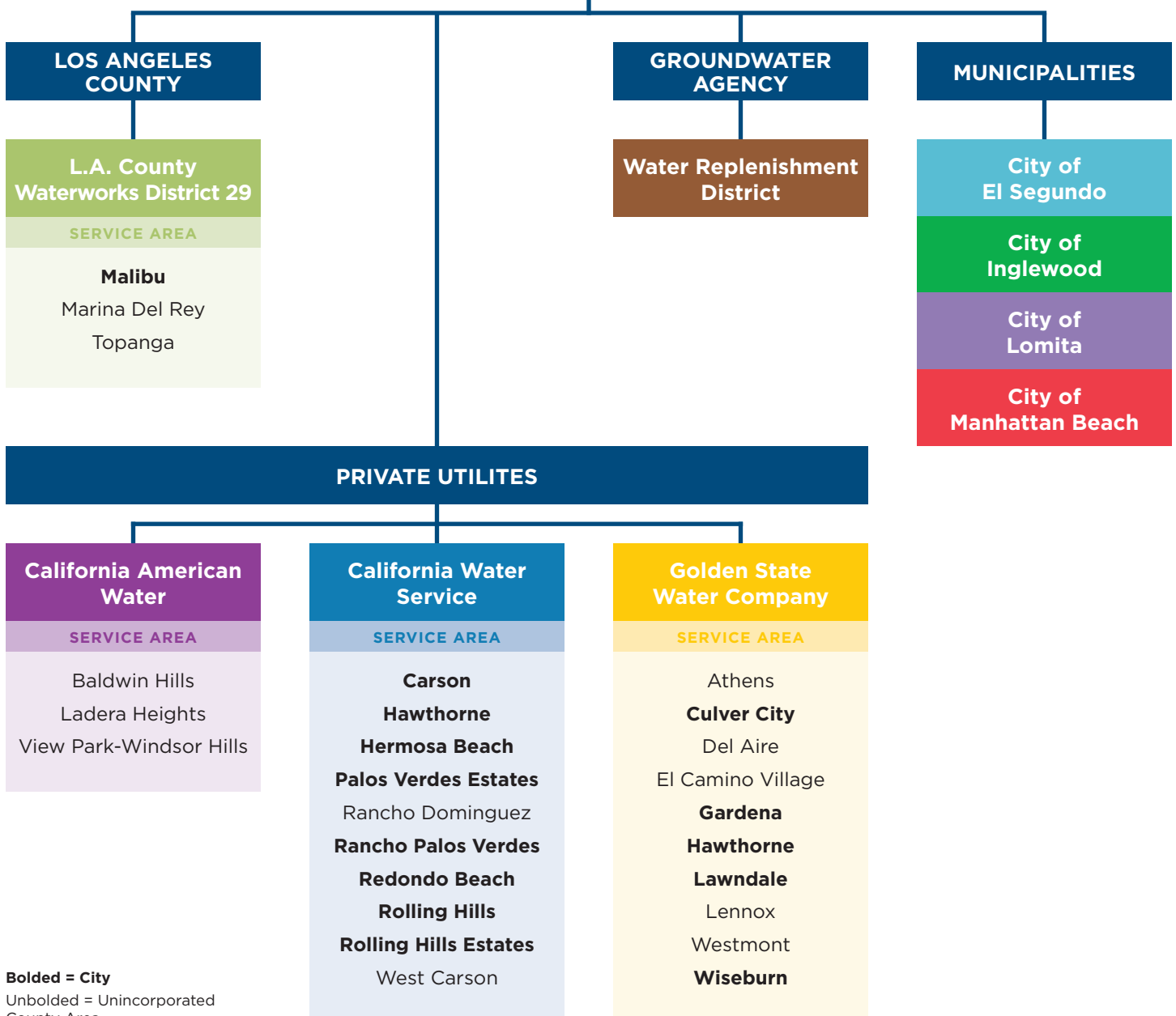
WEST BASIN MUNICIPAL WATER DISTRICT CUSTOMER AGENCY MAP



WEST BASIN MUNICIPAL WATER DISTRICT RETAIL AGENCIES



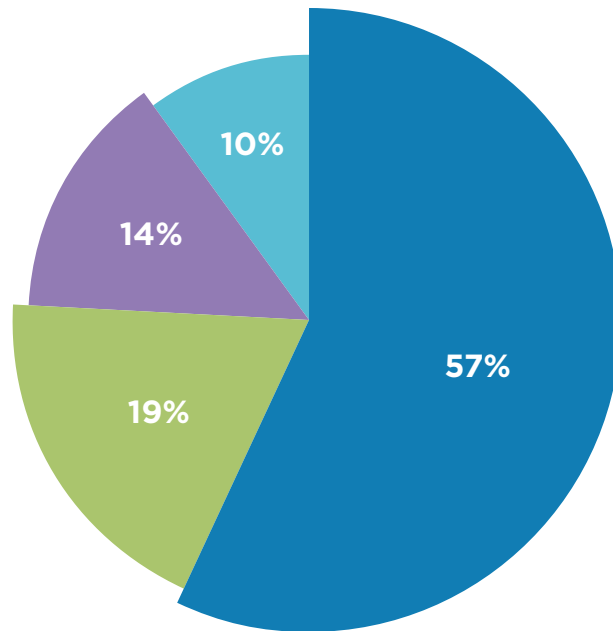
WEST BASIN MUNICIPAL WATER DISTRICT
Imported Water Wholesaler for
17 Cities and Unincorporated LA County Areas



Bolded = City
Unbolded = Unincorporated
County Area

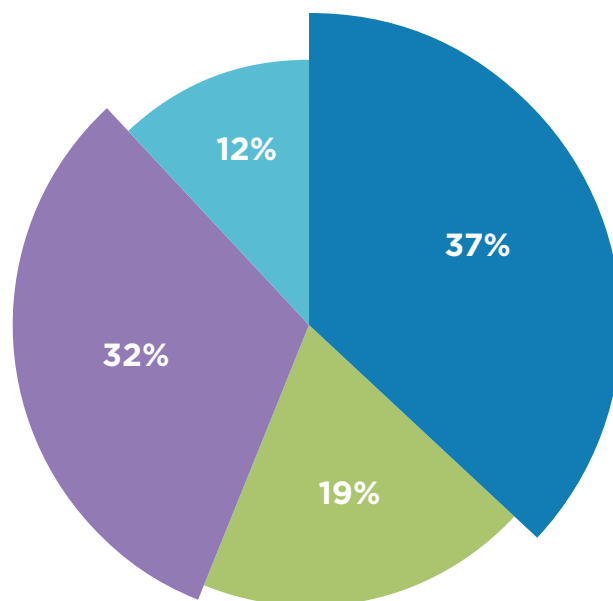
WEST BASIN MUNICIPAL WATER DISTRICT CURRENT AND FUTURE WATER SUPPLY PORTFOLIOS

2020 WATER SUPPLY PORTFOLIO
Based on 2020 Urban Water Management Plan



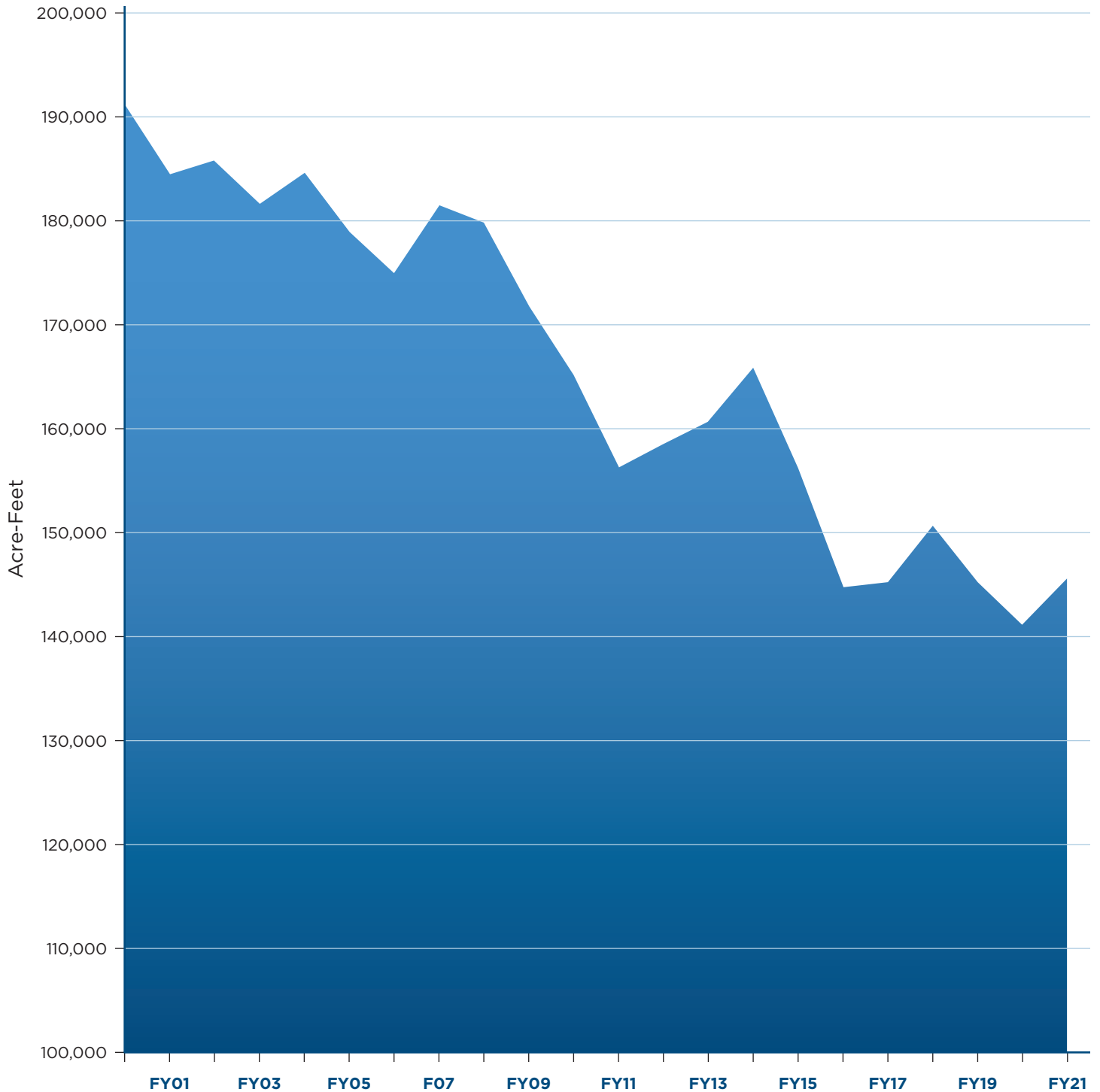
- Imported Water
- Recycled Water
- Conservation
- Groundwater

2045 WATER SUPPLY PORTFOLIO
Based on 2020 Urban Water Management Plan



WEST BASIN MUNICIPAL WATER DISTRICT SERVICE AREA DEMAND

WEST BASIN SERVICE AREA DEMAND (FY 2000-2021)



THIS PAGE
INTENTIONALLY
LEFT BLANK

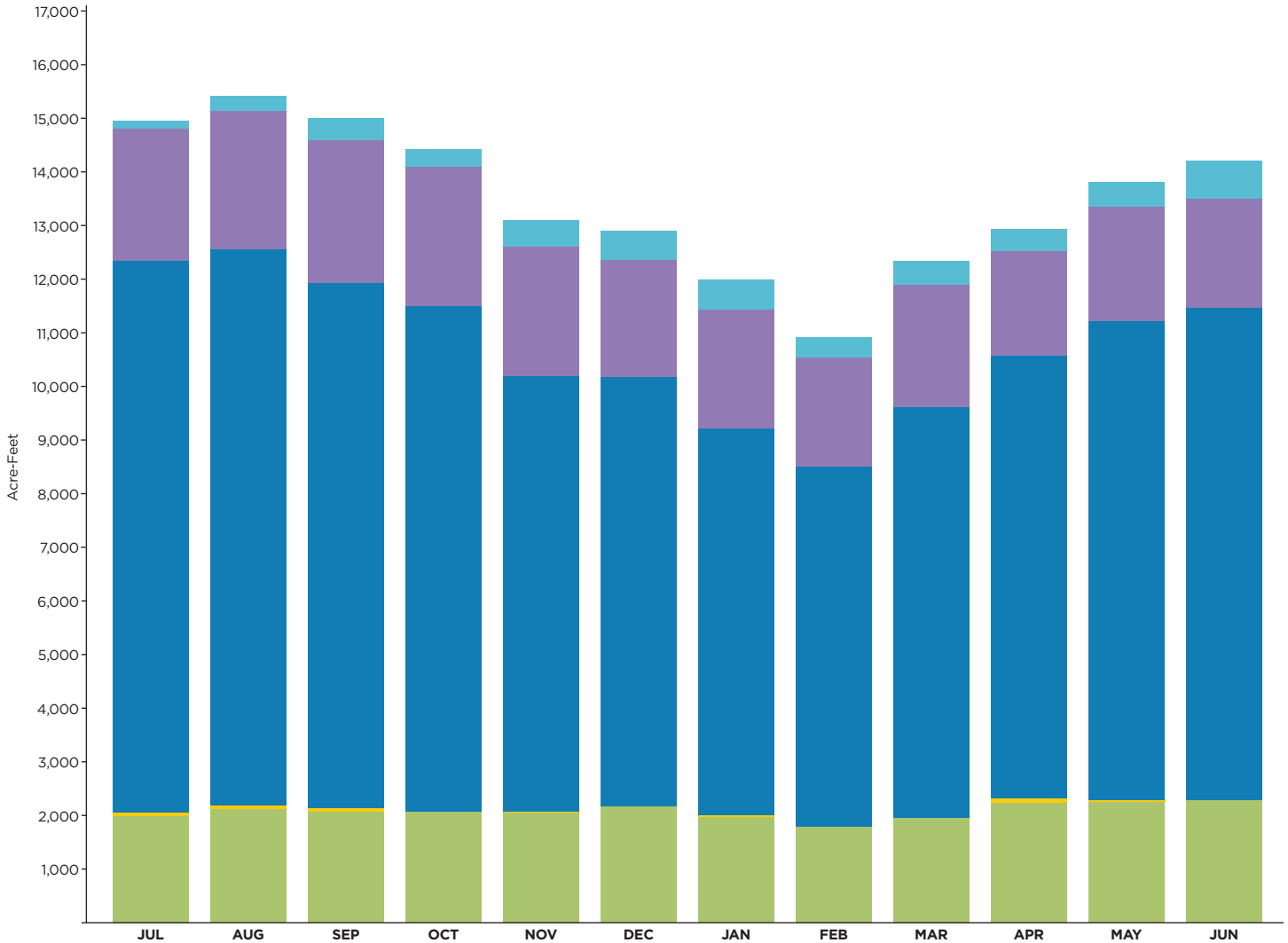
The background is a solid blue color with a complex pattern of organic, flowing, and somewhat abstract shapes. These shapes are rendered in various shades of blue, from light to dark, creating a sense of depth and movement. They resemble liquid droplets, waves, or perhaps stylized topographical contours. The overall effect is a dynamic and textured blue field.

TOTAL WATER USE

WEST BASIN MUNICIPAL WATER DISTRICT

17140 S. Avalon Boulevard, Carson, CA 90746

FY 2020-2021 TOTAL WATER USE



West Basin MWD	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater*	1,985	2,106	2,060	2,056	2,052	2,160	1,974	1,789	1,953	2,257	2,259	2,284	24,936
Desalted Water**	60	76	79	15	1	—	24	—	—	77	31	—	362
Imported Water	10,304	10,366	9,792	9,415	8,125	8,008	7,213	6,707	7,651	8,251	8,938	9,184	103,955
Recycled Water†	2,470	2,589	2,662	2,600	2,426	2,190	2,218	2,022	2,291	1,951	2,125	2,043	27,589
Seawater Barrier††	137	266	398	344	485	537	555	387	441	416	472	701	5,138
Total	14,956	15,404	14,991	14,430	13,089	12,895	11,985	10,905	12,336	12,952	13,825	14,212	161,980

*Source: Water Replenishment District (WRD) monthly reports (inside service area only and pumping from Central Basin).

**In Fiscal Year 20-21, the West Basin Board voted to divest the District of the Brewer Desalter facility.

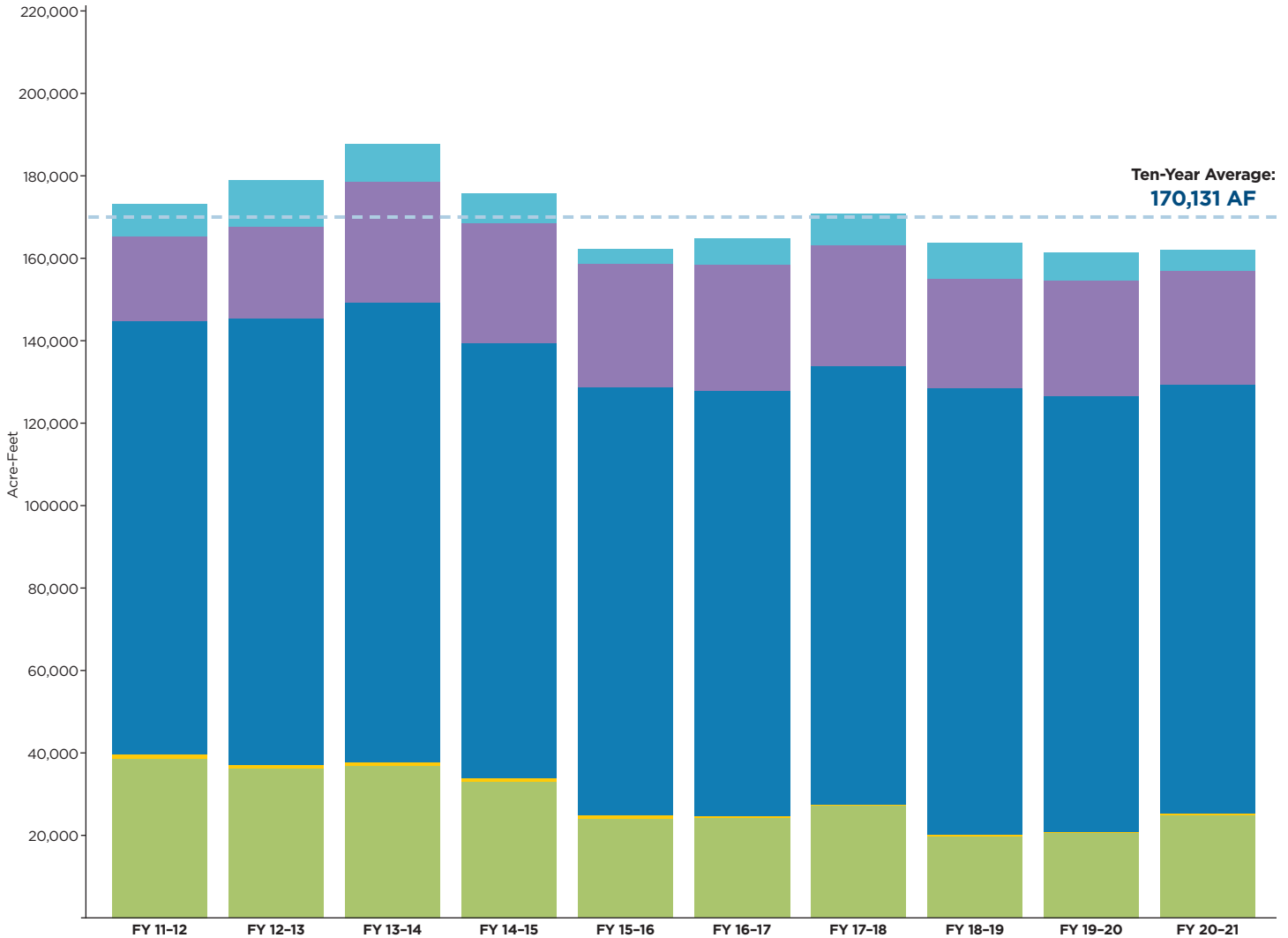
†Source: WBMWD Database (excludes City of Torrance, Torrance - Refinery and LADWP).

††Includes imported sales to WRD for West Coast Barrier and Dominguez Gap.

WEST BASIN MUNICIPAL WATER DISTRICT

17140 S. Avalon Boulevard, Carson, CA 90746

TEN-YEAR AVERAGE TOTAL WATER USE



*Source: Water Replenishment District (WRD) monthly reports (inside service area only and pumping from Central Basin).

**Source: WBMWD Database (excludes City of Torrance, Torrance - Refinery and LADWP).

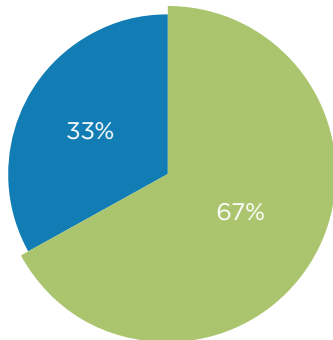
†Includes imported sales to WRD for West Coast Barrier and Dominguez Gap.

CALIFORNIA AMERICAN WATER

8657 Grand Avenue, Rosemead, CA 91770

Office: (626) 614-2500

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

2,175 AFY (Central Groundwater Basin)

Imported Connections

WB-22 WB-27

2021 Capacity Reservation Charge (cfs)

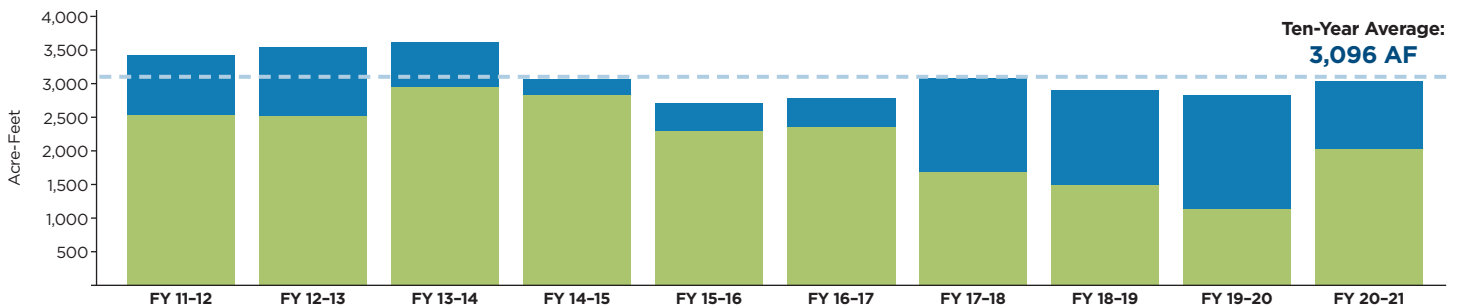
2018 = 4.0 2019 = 5.0 (CRC) 2020 = 4.8

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater*	101	116	172	218	164	203	174	160	169	208	166	169	2,020
Imported Water	200	156	96	78	58	52	1,612	31	33	69	98	100	1,004
Recycled Water	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	301	271	268	296	222	255	209	191	202	277	264	268	3,024

*All groundwater is pumped from Central Basin aquifer and imported into Cal American service area within West Basin service area.

TEN-YEAR AVERAGE TOTAL WATER USE



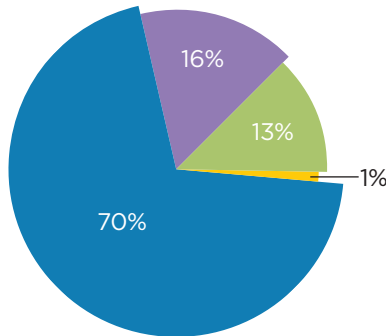
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	2,527	2,506	2,953	2,830	2,300	2,351	1,678	1,481	1,122	2,020	2,177
Imported Water	902	1,019	667	238	415	428	1,397	1,426	1,696	1,004	919
Recycled Water	—	—	—	—	—	—	—	—	—	—	—
Total	3,428	3,525	3,619	3,068	2,715	2,779	3,076	2,906	2,818	3,024	3,096

CALIFORNIA WATER SERVICE - DOMINGUEZ

2632 West 237th Street, Torrance, CA 90505-5272

Office: (310) 257-1400

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

10,417 AFY (West Coast Groundwater Basin)
6,480 AFY (Central Groundwater Basin)

Imported Connections

WB-09 WB-10 WB-14 WB-19
WB-21 WB-35 WB-36 WB-39

2021 Capacity Reservation Charge (cfs)

2018 = 52.3 (CRC) 2019 = 43.5 2020 = 44.2

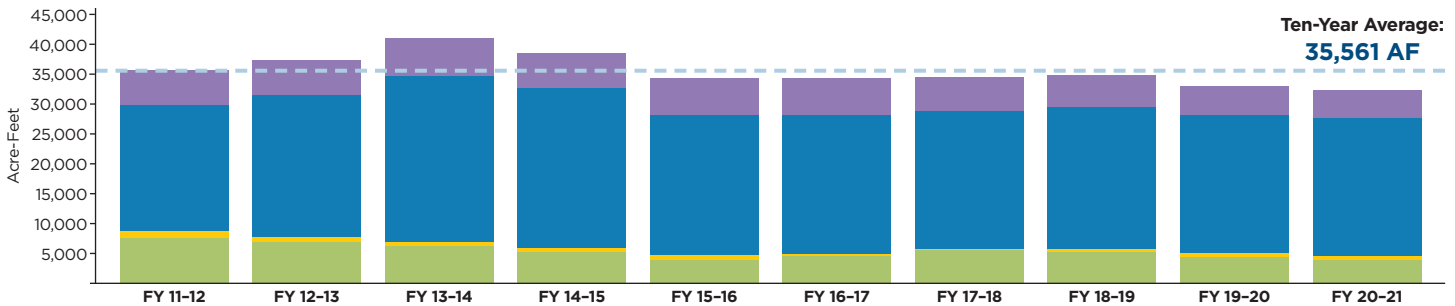
Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater*	324	375	320	353	366	428	340	287	308	331	316	325	4,074
Desalted Water**	60	76	79	15	1		24			77	31		362
Imported Water	2,093	2,037	1,987	1,949	1,773	1,784	1,612	1,538	1,777	1,709	1,862	1,916	22,037
Recycled Water	437	484	485	427	387	403	396	405	397	397	459	503	5,182
Total	2,914	2,972	2,872	2,743	2,527	2,615	2,372	2,229	2,514	2,514	2,668	2,744	31,655

*California Water Service - Dominguez has groundwater rights within the West Coast Basin and Central Basin. The number shown is the combined amount pumped from both West Coast Basin and Central Basin.

**Desalted Water is not pumped but rather sold to Cal Water Dominguez.

TEN-YEAR TOTAL WATER USE



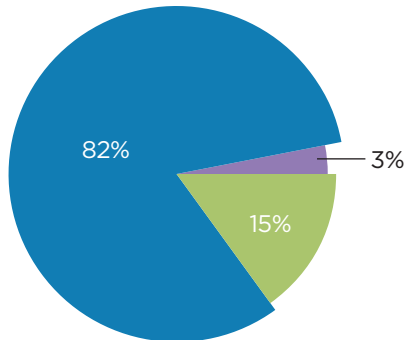
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	7,959	7,050	6,183	5,379	4,158	4,888	5,605	5,445	4,807	4,074	5,555
Desalted Water	958	825	817	690	779	284	50	238	124	362	513
Imported Water	21,320	23,730	27,871	26,735	23,489	23,049	23,447	23,969	23,436	22,037	23,908
Recycled Water	5,522	5,841	6,245	5,669	5,803	6,169	5,396	5,361	4,667	5,182	5,585
Total	35,760	37,446	41,115	38,472	34,230	34,389	34,497	35,013	33,034	31,655	35,561

CALIFORNIA WATER SERVICE – HAWTHORNE

2632 West 237th Street, Torrance, CA 90505-5272

Office: (310) 257-1400

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

1,882 AFY (West Coast Groundwater Basin)*

Imported Connections

WB-18 WB-20

2021 Capacity Reservation Charge (cfs)

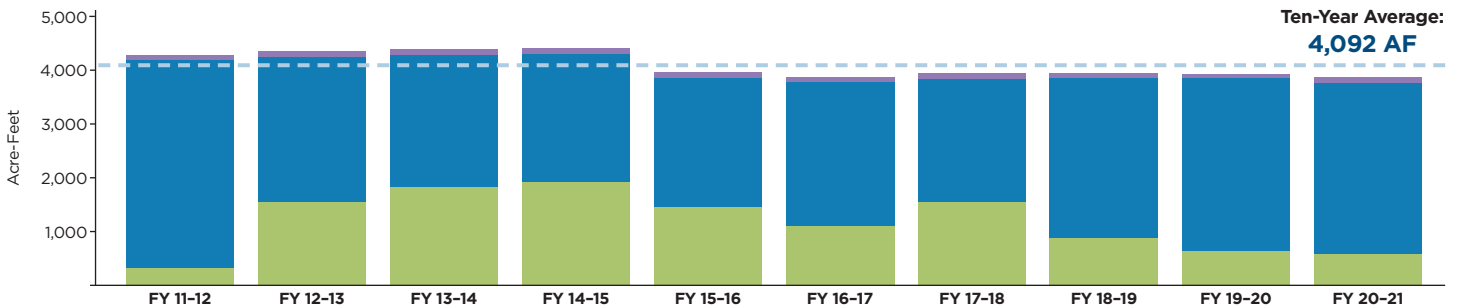
2018 = 6.7 (CRC) 2019 = 6.2 2020 = 6.4

Note: The 2021 CRC is the highest daily average flow for the past three years.

*1,882 AFY Lease from City of Hawthorne (2/1/13)

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	14	—	0	16	75	86	79	71	69	63	58	53	586
Imported Water	332	353	331	328	228	216	207	190	229	234	257	267	3,172
Recycled Water	11	13	10	12	7	10	5	4	4	6	8	12	101
Total	358	366	341	356	310	312	291	264	301	303	323	333	3,859

TEN-YEAR AVERAGE TOTAL WATER USE



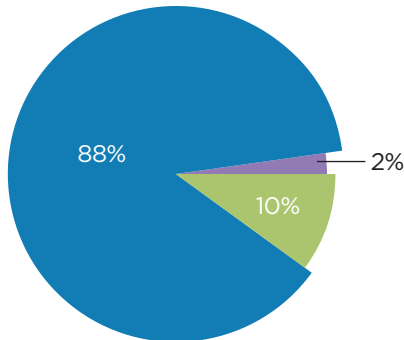
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	313	1,554	1,824	1,912	1,451	1,095	1,555	873	637	586	1,180
Imported Water	3,883	2,689	2,449	2,397	2,401	2,678	2,272	2,978	3,202	3,172	2,812
Recycled Water	90	108	118	98	104	94	113	84	92	101	100
Total	4,286	4,351	4,391	4,407	3,956	3,868	3,940	3,935	3,931	3,859	4,092

CALIFORNIA WATER SERVICE - HERMOSA REDONDO

2632 West 237th Street, Torrance, CA 90505-5272

Office: (310) 257-1400

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

4,070 AFY (West Coast Groundwater Basin)

Imported Connections

WB-2B WB-5 WB-16 WB-29

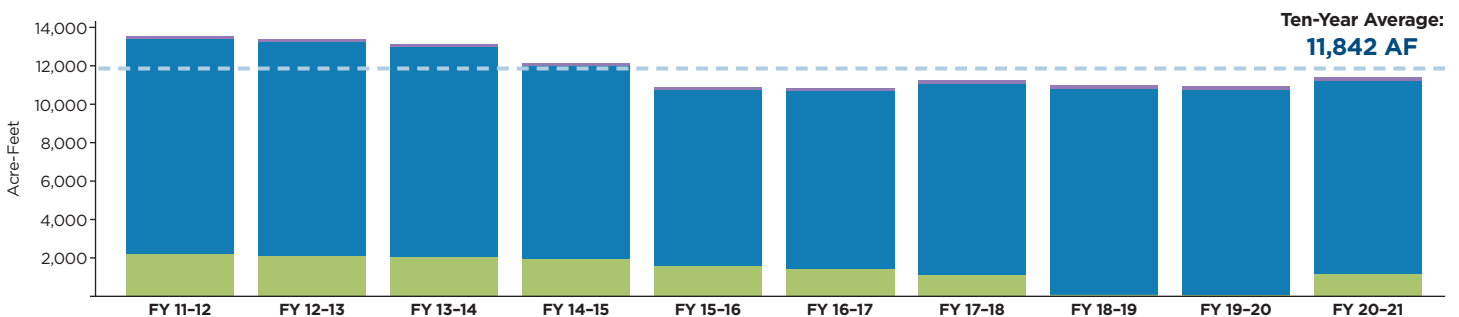
2021 Capacity Reservation Charge (cfs)

2018 = 21.0 (CRC) 2019 = 19.2 2020 = 19.7

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	13	112	87	84	93	82	90	73	105	89	122	172	1,120
Imported Water	1,018	967	915	909	792	792	745	675	769	812	836	826	10,056
Recycled Water	27	24	26	21	19	17	13	11	6	15	22	25	224
Total	1,058	1,103	1,028	1,014	904	891	848	758	880	916	979	1,023	11,401

TEN-YEAR AVERAGE TOTAL WATER USE



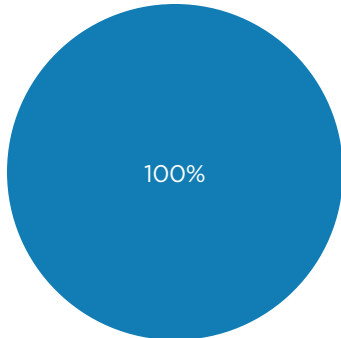
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	2,186	2,043	1,993	1,896	1,541	1,397	1,086	30	16	1,120	1,331
Imported Water	11,195	11,182	10,966	10,098	9,169	9,280	9,951	10,720	10,697	10,056	10,331
Recycled Water	136	162	167	147	156	147	219	226	215	224	180
Total	13,516	13,388	13,126	12,141	10,866	10,824	11,256	10,976	10,927	11,401	11,842

CALIFORNIA WATER SERVICE – PALOS VERDES

2632 West 237th Street, Torrance, CA 90505-5272

Office: (310) 257-1400

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

0 AFY

Imported Connections

WB-6A WB-6B WB-32 WB-40

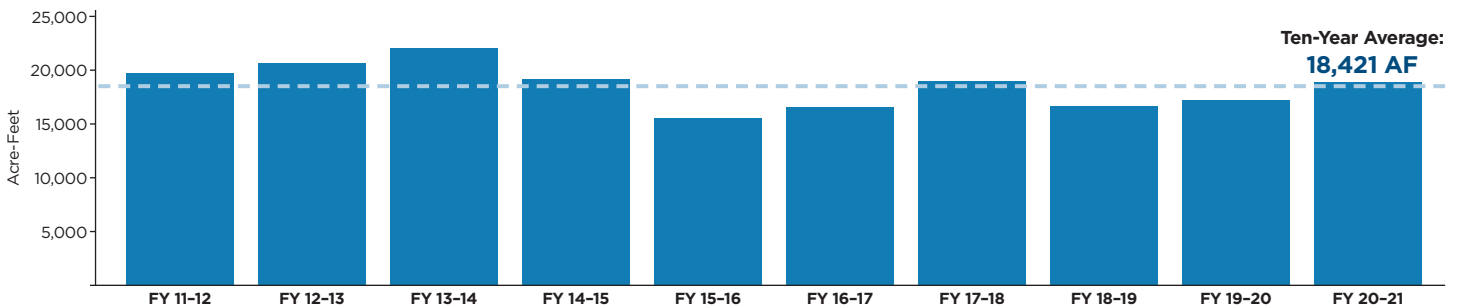
2021 Capacity Reservation Charge (cfs)

2018 = 39.3 2019 = 40.4 2020 = 44.8 (CRC)

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	—	—	—	—	—	—	—	—	—	—	—	—	—
Imported Water	1,884	1,939	1,844	1,768	1,473	1,422	1,189	1,104	1,276	1,551	1,650	1,737	18,837
Recycled Water	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1,884	1,939	1,844	1,768	1,473	1,422	1,189	1,104	1,276	1,551	1,650	1,737	18,837

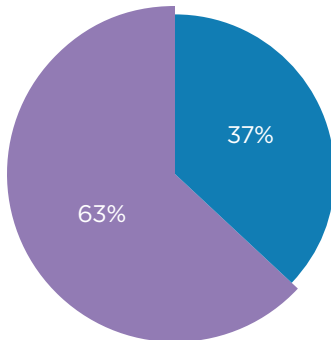
TEN-YEAR AVERAGE TOTAL WATER USE



Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	—	—	—	—	—	—	—	—	—	—	—
Imported Water	19,693	20,647	21,996	19,138	15,466	16,515	18,805	15,966	17,148	18,837	18,421
Recycled Water	—	—	—	—	—	—	—	—	—	—	—
Total	19,693	20,647	21,996	19,138	15,466	16,515	18,805	15,966	17,148	18,837	18,421

CITY OF EL SEGUNDO
350 Main Street, El Segundo, CA 90245-3895
Office: (310) 524-2300

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights
 953 AFY (West Coast Groundwater Basin)

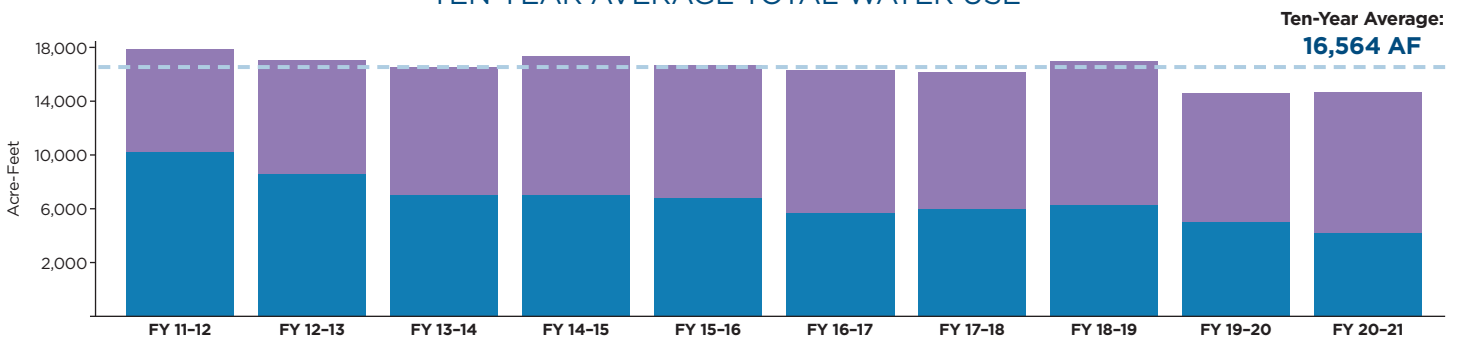
Imported Connections
 WB-03 WB-28

2021 Capacity Reservation Charge (cfs)
 2018 = 12.1 2019 = 12.3 (CRC) 2020 = 8.5

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	—	—	—	—	—	—	—	—	—	—	—	—	—
Imported Water	465	591	557	504	430	415	364	333	366	458	546	507	5,535
Recycled Water	730	861	842	829	780	806	754	668	797	805	735	809	9,417
Total	1,195	1,452	1,400	1,333	1,210	1,221	1,118	1,001	1,163	1,262	1,281	1,316	14,952

TEN-YEAR AVERAGE TOTAL WATER USE

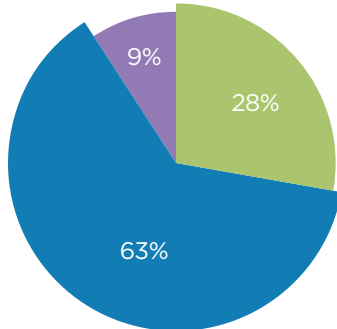


Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	—	—	—	—	—	—	—	—	—	—	—
Imported Water	10,961	9,479	8,075	8,097	7,854	6,901	7,146	7,392	6,302	5,535	7,774
Recycled Water	6,888	7,677	8,606	9,280	8,927	9,581	9,189	9,686	8,651	9,417	8,790
Total	17,848	17,156	16,681	17,378	16,781	16,482	16,335	17,078	14,953	14,952	16,564

CITY OF INGLEWOOD

One Manchester Boulevard, Inglewood, CA 90301
Office: (310) 412-5333

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights
4,450 AFY (West Coast Groundwater Basin)

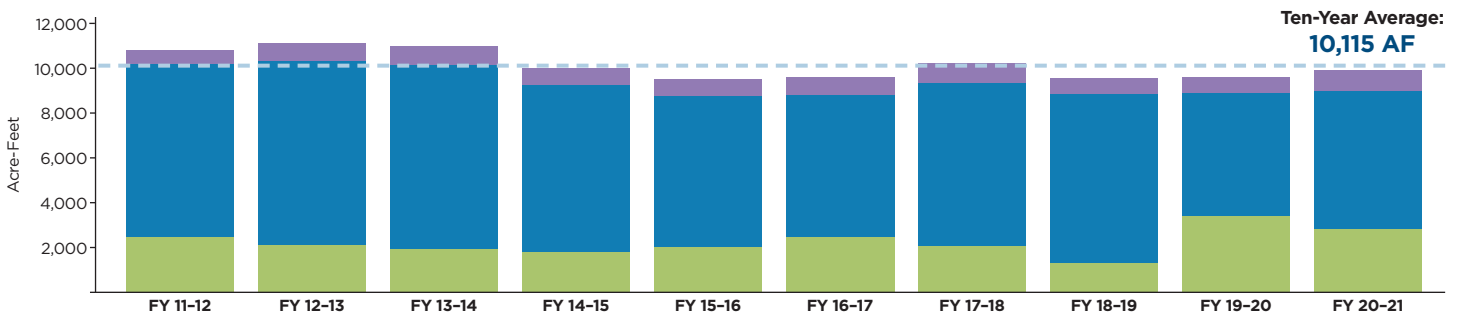
Imported Connections
WB-17 WB-38

2021 Capacity Reservation Charge (cfs)
2018 = 13.8 (CRC) 2019 = 11.8 2020 = 12.0

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	284	268	261	269	259	249	267	162	174	204	206	193	2,797
Imported Water	590	570	535	523	454	475	420	460	517	515	557	577	6,195
Recycled Water	108	103	111	85	106	43	29	32	31	75	90	87	899
Total	982	942	906	877	819	767	717	655	722	794	853	858	9,890

TEN-YEAR AVERAGE TOTAL WATER USE



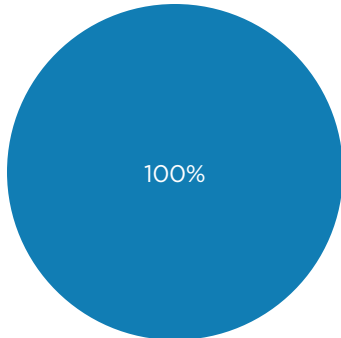
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	2,476	2,097	1,911	1,809	2,025	2,483	2,073	1,292	3,383	2,797	2,235
Imported Water	7,685	8,238	8,201	7,445	6,693	6,293	7,216	7,563	5,520	6,195	7,105
Recycled Water	642	783	827	728	765	834	901	698	685	899	776
Total	10,802	11,117	10,939	9,982	9,483	9,610	10,190	9,553	9,589	9,890	10,115

LOS ANGELES COUNTY WATERWORKS DISTRICT 29

900 S. Freemont Avenue, Alhambra, CA 91803

Office: (877) 637-3661

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

0 AFY

Imported Connections

WB-26A WB-26B WB-26C

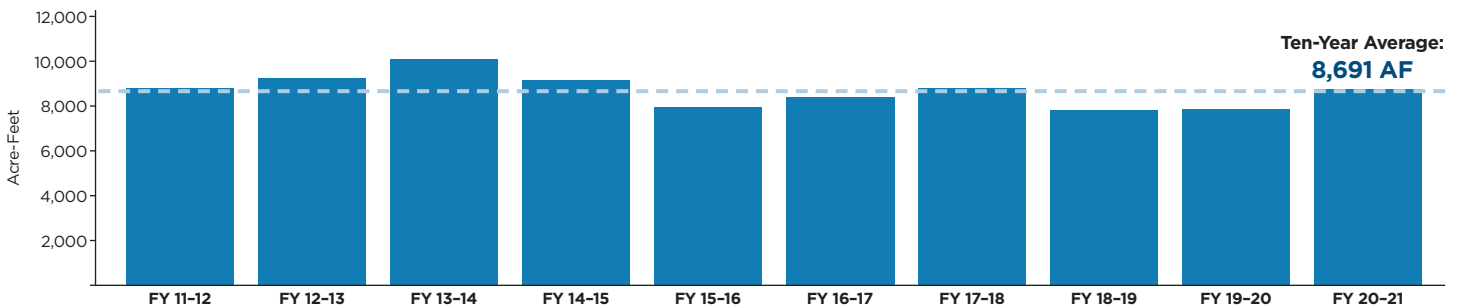
2021 Capacity Reservation Charge (cfs)

2018 = 16.1 (CRC) 2019 = 14.7 2020 = 15.8

Note: The 2021 CRC is the highest daily average flow for the past three years.

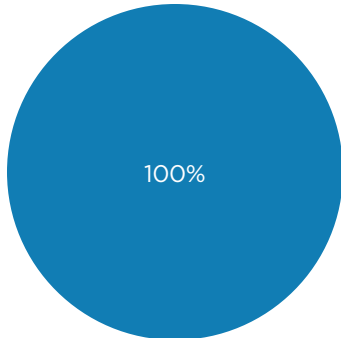
Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	—	—	—	—	—	—	—	—	—	—	—	—	—
Imported Water	835	853	814	793	693	672	584	552	639	732	787	801	8,753
Recycled Water	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	835	853	814	793	693	672	584	552	639	732	787	801	8,753

TEN-YEAR AVERAGE TOTAL WATER USE



Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	—	—	—	—	—	—	—	—	—	—	—
Imported Water	8,802	9,234	10,090	9,182	7,932	8,414	8,809	7,839	7,856	8,753	8,691
Recycled Water	—	—	—	—	—	—	—	—	—	—	—
Total	8,802	9,234	10,090	9,182	7,932	8,414	8,809	7,839	7,856	8,753	8,691

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights
 1,352 AFY (West Coast Groundwater Basin)

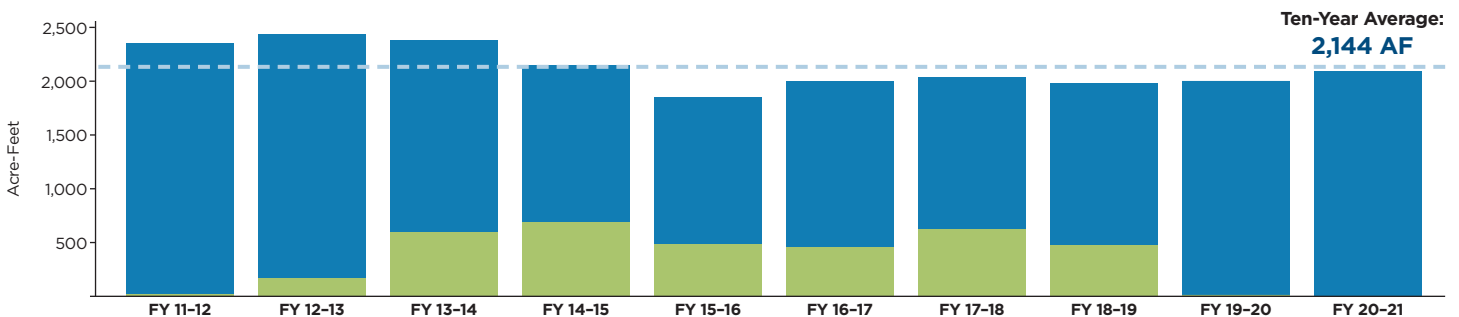
Imported Connections
 WB-07 WB-08

2021 Capacity Reservation Charge (cfs)
 2018 = 3.2 2019 = 3.5 2020 = 3.8 (CRC)

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	—	—	—	—	—	—	—	—	—	—	—	—	—
Imported Water	195	200	188	187	172	170	158	143	158	168	177	179	2,093
Recycled Water	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	195	200	188	187	172	170	158	143	158	168	177	179	2,093

TEN-YEAR AVERAGE TOTAL WATER USE



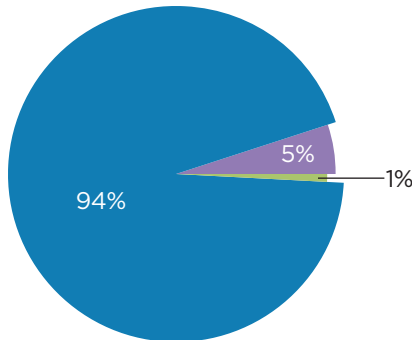
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	13	162	592	688	626	449	620	469	2	—	362
Imported Water	2,336	2,275	1,788	1,463	1,374	1,549	1,416	1,520	2,004	2,093	1,782
Recycled Water	—	—	—	—	—	—	—	—	—	—	—
Total	2,349	2,437	2,380	2,151	2,000	1,998	2,035	1,988	2,006	2,093	2,144

CITY OF MANHATTAN BEACH

3621 Bell Avenue, Manhattan Beach, CA 90266

Office: (310) 802-5300

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

1,131 AFY (West Coast Groundwater Basin)

Imported Connections

WB-04

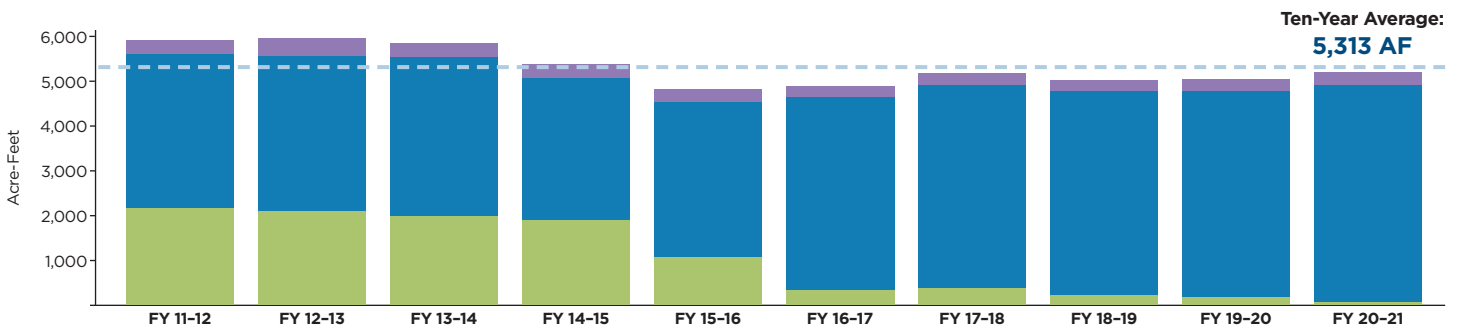
2021 Capacity Reservation Charge (cfs)

2018 = 8.5 (CRC) 2019 = 8.1 2020 = 8.4

Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	6	7	5	19	7	5	0	0	—	0	—	—	50
Imported Water	459	456	429	418	386	388	365	327	376	401	424	431	4,858
Recycled Water	31	45	12	22	22	25	5	13	14	24	32	33	276
Total	496	508	446	459	414	418	370	339	390	425	455	464	5,184

TEN-YEAR AVERAGE TOTAL WATER USE



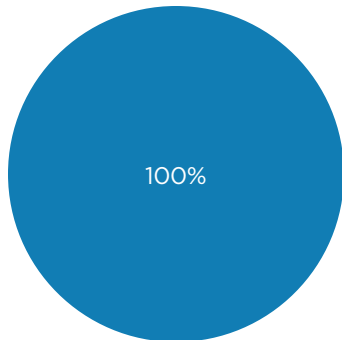
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	2,148	2,096	1,989	1,884	1,059	318	366	202	158	50	1,027
Imported Water	3,466	3,450	3,544	3,184	3,458	4,317	4,520	4,563	4,603	4,858	3,996
Recycled Water	291	405	305	313	280	265	268	231	266	276	290
Total	5,905	5,951	5,839	5,381	4,797	4,900	5,154	4,996	5,027	5,184	5,313

GOLDEN STATE WATER COMPANY – CULVER CITY

5839 Green Valley Circle, Suite 106, Culver City, CA 90230

Office: (800) 999-4033

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

0 AFY

Imported Connections

WB-23 WB-24 WB-34

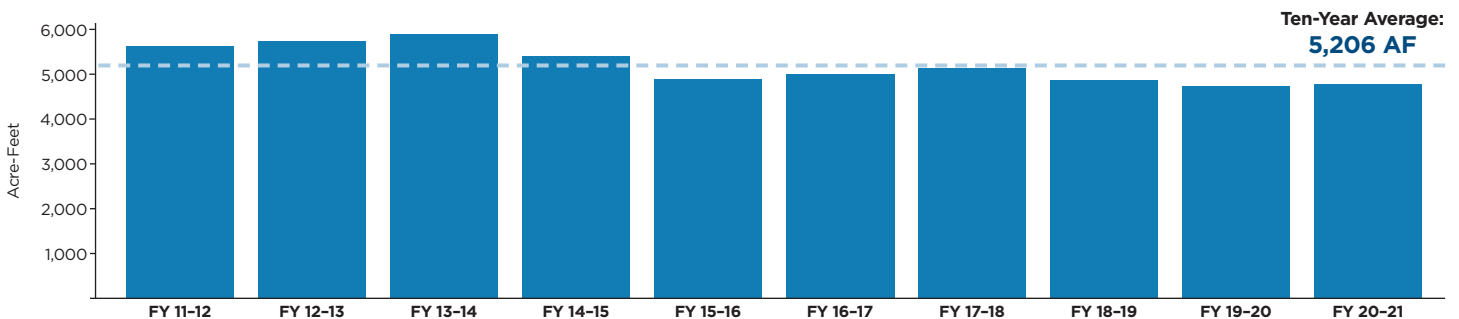
2021 Capacity Reservation Charge (cfs)

2018 = 42.2 2019 = 44.5 (CRC) 2020 = 40.9

Note: The 2021 CRC is the highest daily average flow for the past three years.
The CRC shown is for GSWC Southwest District and Culver City combined.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	—	—	—	—	—	—	—	—	—	—	—	—	—
Imported Water	441	450	431	433	381	376	345	318	369	394	421	429	4,786
Recycled Water	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	441	450	431	433	381	376	345	318	369	394	421	429	4,786

TEN-YEAR AVERAGE TOTAL WATER USE



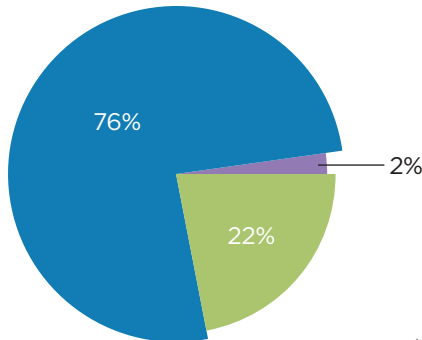
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	—	—	—	—	—	—	—	—	—	—	—
Imported Water	5,635	5,737	5,887	5,406	4,896	4,988	5,123	4,875	4,726	4,786	5,206
Recycled Water	—	—	—	—	—	—	—	—	—	—	—
Total	5,635	5,737	5,887	5,406	4,896	4,988	5,123	4,875	4,726	4,786	5,206

GOLDEN STATE WATER COMPANY – SOUTHWEST DISTRICT

1600 W. Redondo Beach Boulevard, #101, Gardena, CA 90247

Office: (310) 767-8200

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

7,502 AFY (West Coast Groundwater Basin)*

Imported Connections

WB-1 WB-2A WB-11 WB-12 WB-13
WB-15 WB-25 WB-30 WB-31 WB-33

2021 Capacity Reservation Charge (cfs)

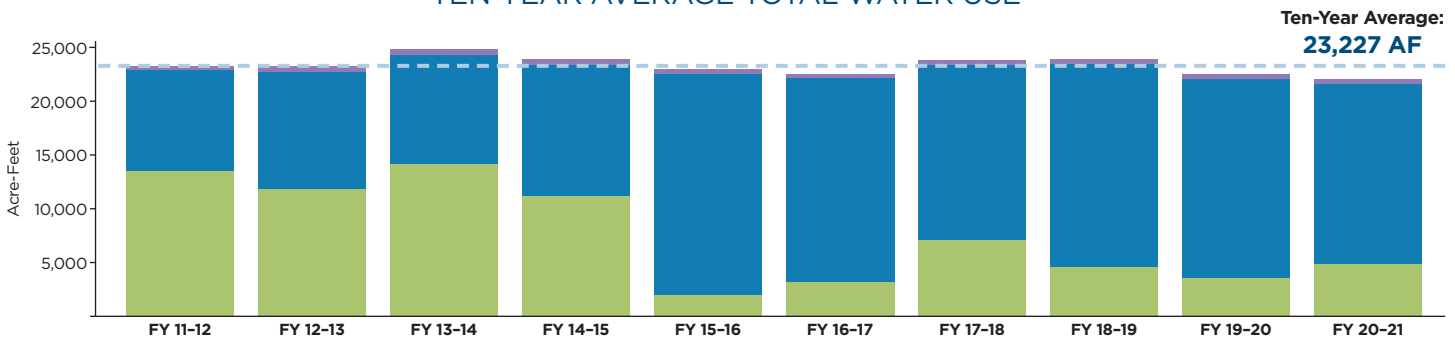
2018 = 42.2 2019 = 44.5 (CRC) 2020 = 40.9

Note: The 2021 CRC is the highest daily average flow for the past three years.
The CRC shown is for GSWC Southwest District and Culver City combined.

*Includes 3,959 AFY of increased extraction pursuant to Section IV(K) of the Central Basin Judgement.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	338	347	329	345	347	395	393	439	478	483	516	467	4,878
Imported Water	1,792	1,795	1,665	1,526	1,286	1,248	1,192	1,038	1,142	1,210	1,323	1,412	16,628
Recycled Water	51	70	52	45	46	33	35	27	20	24	53	38	495
Total	2,182	2,211	2,046	1,916	1,678	1,676	1,620	1,504	1,640	1,717	1,892	1,918	22,000

TEN-YEAR AVERAGE TOTAL WATER USE



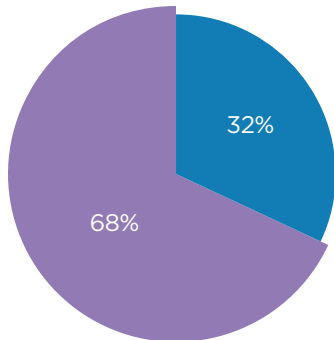
Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	13,434	11,785	14,120	11,149	2,000	3,172	7,028	4,526	3,527	4,878	7,562
Imported Water	9,431	10,868	10,046	12,458	20,489	18,920	16,317	18,884	18,495	16,628	15,224
Recycled Water	344	538	583	464	405	364	389	452	385	495	442
Total	23,209	23,191	24,749	23,771	22,894	22,456	23,734	23,862	22,407	22,000	23,227

WATER REPLENISHMENT DISTRICT

4040 Paramount Boulevard, Lakewood, CA 90712

Office: (562) 275-4260

FY 2020-2021 TOTAL WATER USE



Adjudicated Groundwater Rights

0 AFY

Imported Connections

WB-28 WB-37

2021 Capacity Reservation Charge (cfs)

2018 = 26.8 (CRC) 2019 = 26.0 2020 = 12.8

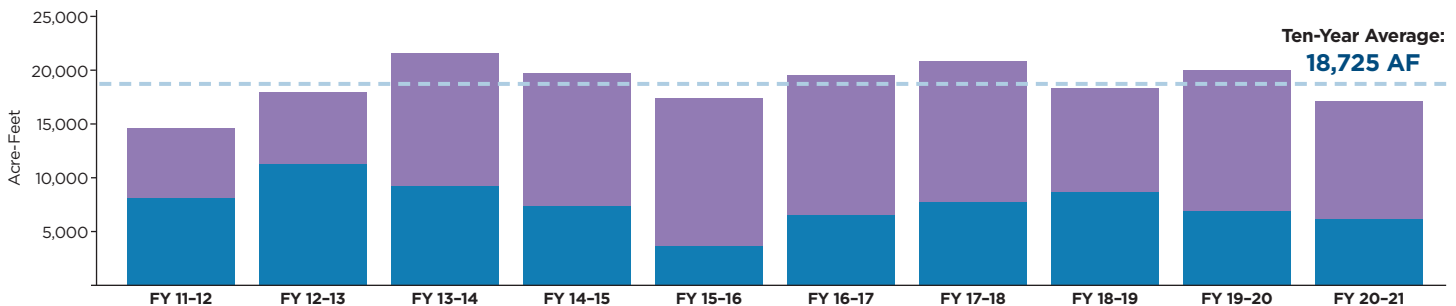
Note: The 2021 CRC is the highest daily average flow for the past three years.

Water Supply	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Groundwater	—	—	—	—	—	—	—	—	—	—	—	—	—
Imported Water*	137	266	398	344	485	537	555	387	441	416	472	701	5,138
Recycled Water**	1,074	990	1,124	1,160	1,059	853	982	862	1,021	606	728	536	10,995
Total	1,211	1,256	1,522	1,504	1,544	1,390	1,537	1,249	1,462	1,022	1,200	1,236	16,133

*Imported water purchased is for the West Coast and Dominguez Gap Seawater Barriers.

**All recycled water purchased is for the West Coast Basin Seawater Barrier.

TEN-YEAR AVERAGE TOTAL WATER USE



Water Supply	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
Groundwater	—	—	—	—	—	—	—	—	—	—	—
Imported Water*	8,057	11,320	9,285	7,354	3,681	6,563	7,740	8,674	6,950	5,138	7,476
Recycled Water**	6,531	6,622	12,372	12,403	13,677	13,014	13,047	9,738	13,084	10,995	11,148
Total	14,587	17,942	21,658	19,757	17,358	19,577	20,788	18,412	20,034	16,133	18,625

*Imported water purchased is for the West Coast and Dominguez Gap Seawater Barriers.

**All recycled water purchased is for the West Coast Basin Seawater Barrier.

THIS PAGE
INTENTIONALLY
LEFT BLANK

THIS PAGE
INTENTIONALLY
LEFT BLANK

The background is a solid blue color with a pattern of organic, flowing, and somewhat abstract shapes in various shades of blue. These shapes resemble liquid droplets, waves, or perhaps stylized cells, creating a sense of movement and fluidity. The shapes are layered, with some appearing more prominent than others, giving the background a textured, three-dimensional feel.

WATER RECYCLING PROGRAM

WEST BASIN MUNICIPAL WATER DISTRICT RECYCLED WATER PROGRAM

The West Basin recycled water program helps ensure water supply reliability throughout the region by producing a locally-controlled, sustainable source of water.

INTRODUCTION

In response to severe drought in the 1980s and early 1990s, West Basin began developing a local, sustainable water supply. This new source of water would increase regional water reliability by utilizing an environmentally friendly alternative to imported water.

Today, West Basin receives treated wastewater via the District's pump station at the Hyperion Water Reclamation Plant in Playa Del Rey. The District then treats the source water for reuse, producing up to 40 million gallons of recycled water daily for a diverse set of customers and purposes.

WHERE IS RECYCLED WATER USED?

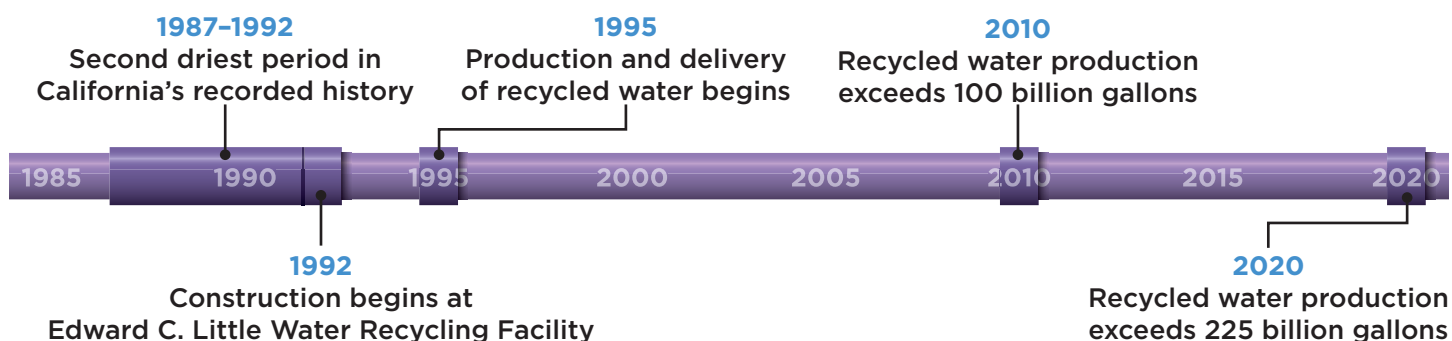
The following end users are the primary recipients of West Basin's recycled water supply.



FUTURE GROWTH OF RECYCLED WATER SYSTEM

A 20-Year Recycled Water Master Plan will help the District plan for the next chapter of its successful recycled water program. New customers, project sites, and partnerships will be evaluated to ensure that West Basin continues meeting regional water demand with a sustainable, cost-effective water supply.

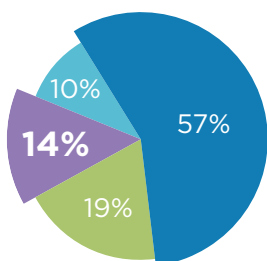
WEST BASIN RECYCLED WATER HISTORY



WATER SUPPLY PORTFOLIO

Recycled water provides nearly 14% of the District's portfolio, with additional infrastructure being added each year. Data is based on 2020 Urban Water Management Plan.

- Imported Water
- Groundwater
- Conservation
- Recycled Water**



BENEFITS OF RECYCLED WATER

- Local, reliable, drought-proof source
- Supports important industries and economies
- Uses significantly less energy than imported water
- Improves ocean water quality by reducing local sewer water discharges
- Less costly than imported water and most other water sources
- Conserves drinking water for other uses

WEST BASIN MUNICIPAL WATER DISTRICT RECYCLED WATER PROGRAM

RECYCLED WATER TREATMENT FACILITIES



**Edward C. Little
Water Recycling Facility**
El Segundo, CA
30-40 MGD



**Chevron
Nitrification Plant**
El Segundo, CA
<1 MGD



**Juanita Millender-
McDonald Carson Regional
Water Recycling Plant**
Carson, CA
3-4 MGD



**Torrance Refinery
Water Recycling Plant**
Torrance, CA
6 MGD

MGD = Million Gallons Per Day

FIVE TYPES OF RECYCLED WATER



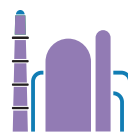
Irrigation Water

Tertiary treated water filtered and disinfected for industrial use.



Cooling Tower Water

Ammonia removed from industrial cooling tower use.



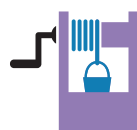
Low-Pressure Boiler Feed Water

Membrane filtration and reverse osmosis treatment.



High-Pressure Boiler Feed Water

Membrane filtration and two passes through reverse osmosis membranes.



Groundwater Replenishment Water

Membrane filtration, reverse osmosis membrane treatment and disinfection for groundwater replenishment and as a barrier against seawater intrusion.

INVESTMENTS IN RECYCLED WATER

More than \$700 million has been invested in West Basin's recycled water program by the following partners:

■ **West Basin Municipal Water District** -



■ **Regional Funding** -



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

■ **Local Funding** -



Los Angeles
Department of
Water & Power



■ **State Funding** -

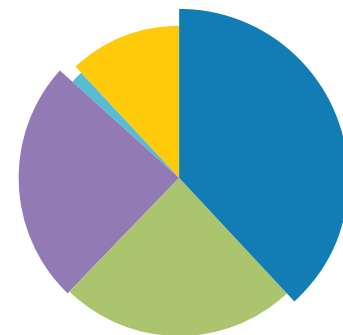


CALIFORNIA DEPARTMENT OF
WATER RESOURCES

■ **Federal Funding** -



US Army Corps
of Engineers®



RECYCLED WATER CUSTOMERS

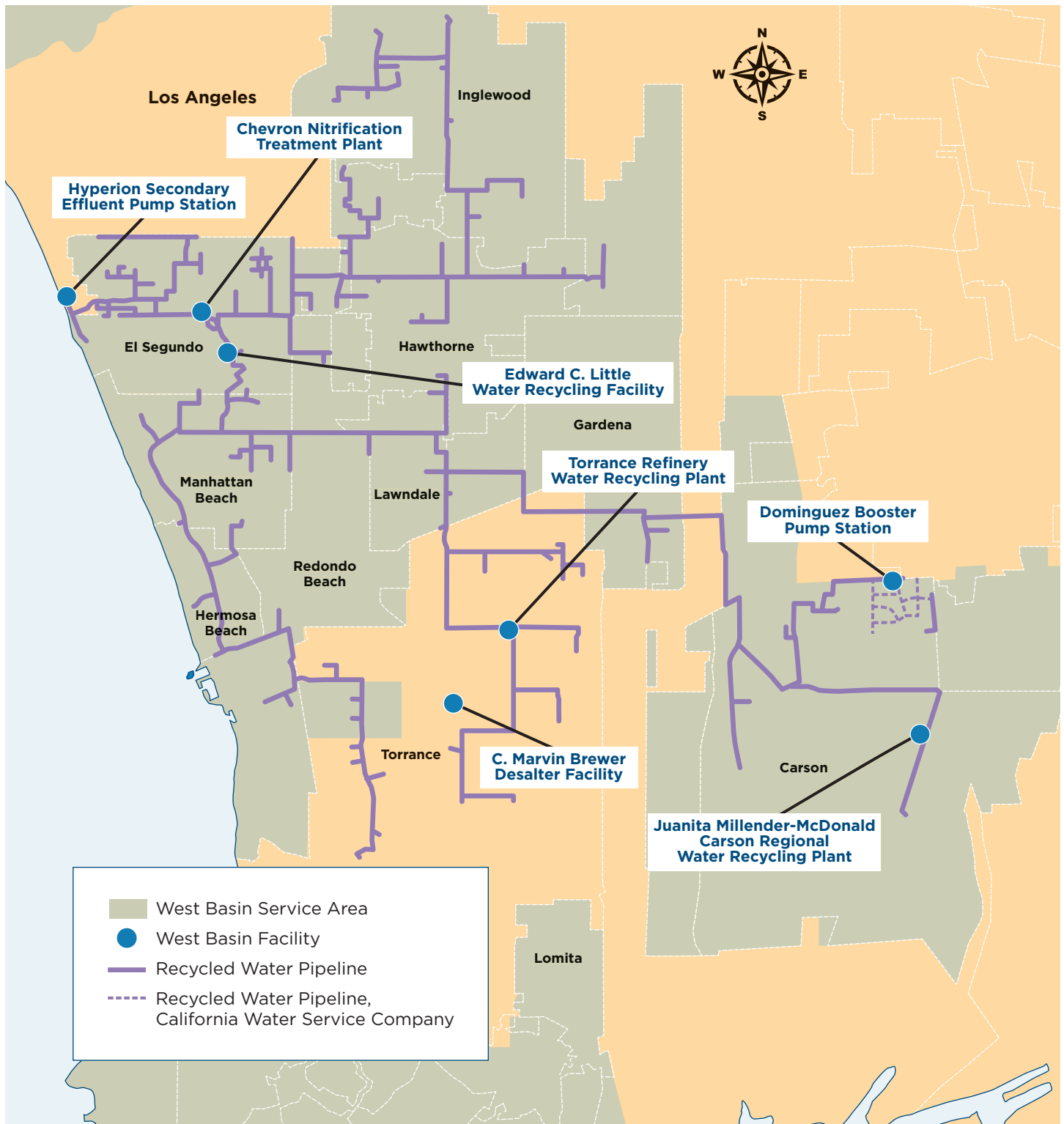
The District maintains over 100 miles of recycled water pipelines, with more than 450 connections, including:



SoFi Stadium and the surrounding development receives approximately 26 million gallons of recycled water annually.

Recycled water is also used at many local schools, parks, and golf courses!

WEST BASIN MUNICIPAL WATER DISTRICT RECYCLED WATER DISTRIBUTION SYSTEM MAP

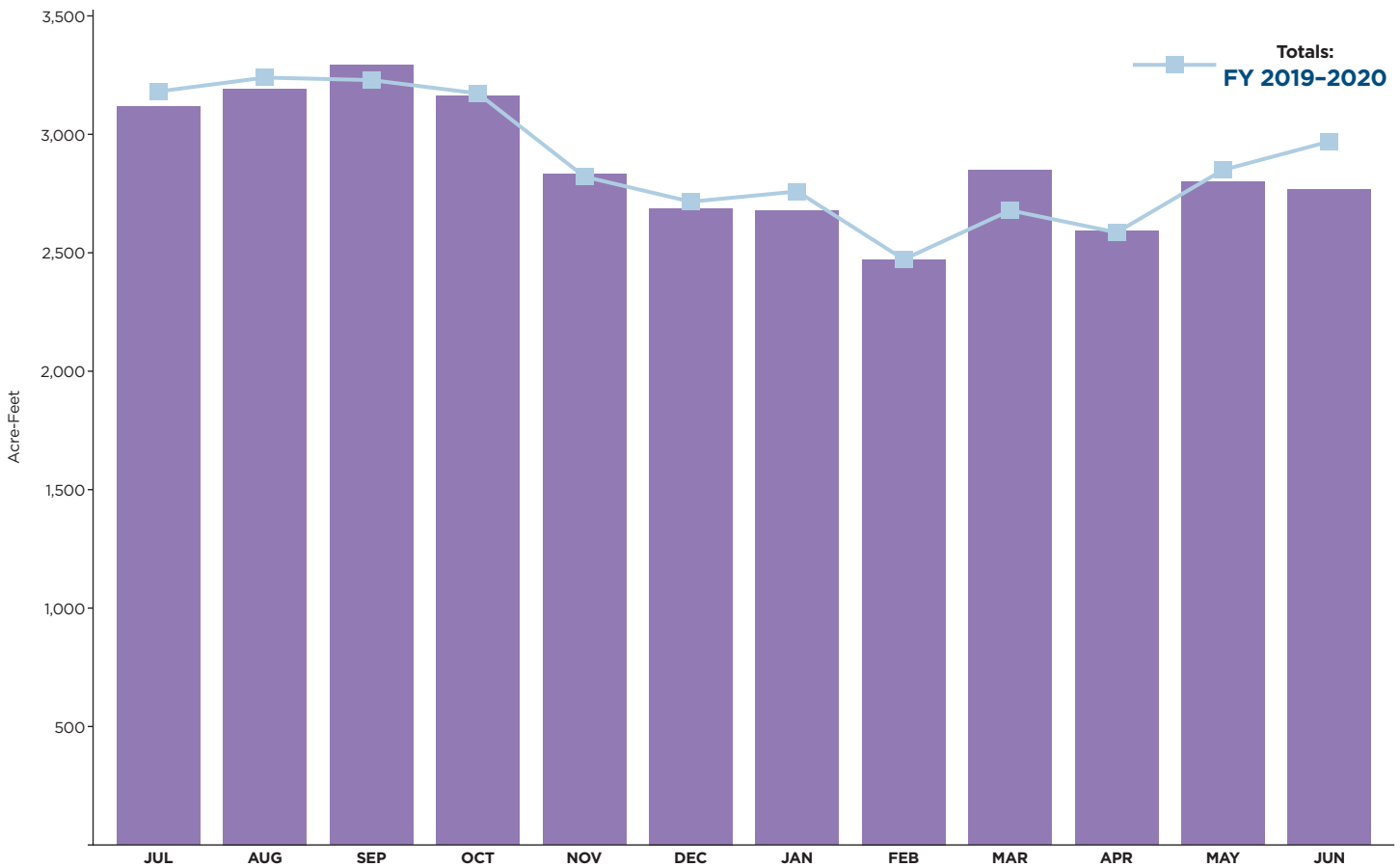


THIS PAGE
INTENTIONALLY
LEFT BLANK

WEST BASIN MUNICIPAL WATER DISTRICT

17140 South Avalon Boulevard, Carson, CA 90746

FY 2020-2021 RECYCLED WATER PRODUCTION



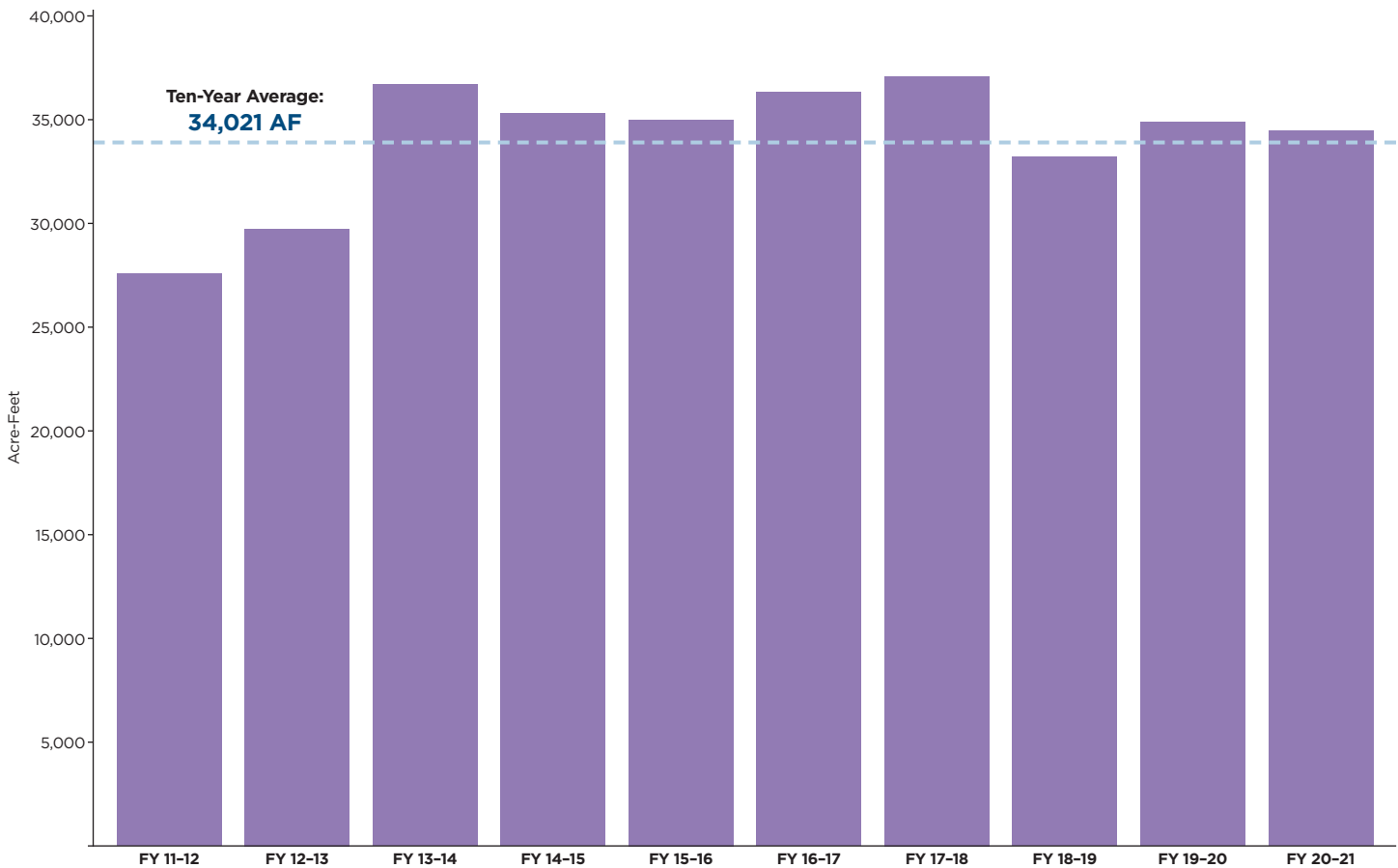
West Basin Municipal Water District	FY 20-21												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
CWS - Dominguez	437	484	485	427	387	403	396	405	400	397	459	503	5,182
CWS - Hawthorne	11.3	13.1	9.6	11.7	7.1	9.6	4.7	3.9	3.6	5.9	8.5	12.5	101
CWS - Hermosa Redondo	27	24	26	21	19	17	13	11	6	15	22	25	224
City of El Segundo	730	861	842	829	780	806	754	668	797	805	735	809	9,417
City of Inglewood	108	103	111	85	106	43	29	32	31	75	90	87	899
City of Manhattan Beach	31	45	12	22	22	25	5	13	14	24	32	33	276
Golden State Water Company	51	70	52	45	46	33	35	27	20	24	53	38	495
LA Dept. of Water and Power	179	125	145	127	93	110	48	72	101	134	132	150	1,416
City of Torrance	468	478	486	436	312	386	415	379	461	507	544	576	5,447
Water Replenishment District	1,074	990	1,124	1,160	1,059	853	982	862	1,021	606	728	536	10,995
Total	3,117	3,192	3,293	3,163	2,831	2,687	2,681	2,474	2,852	2,592	2,802	2,768	34,452

CWS = California Water Service

WEST BASIN MUNICIPAL WATER DISTRICT

17140 South Avalon Boulevard, Carson, CA 90746

TEN-YEAR RECYCLED WATER PRODUCTION



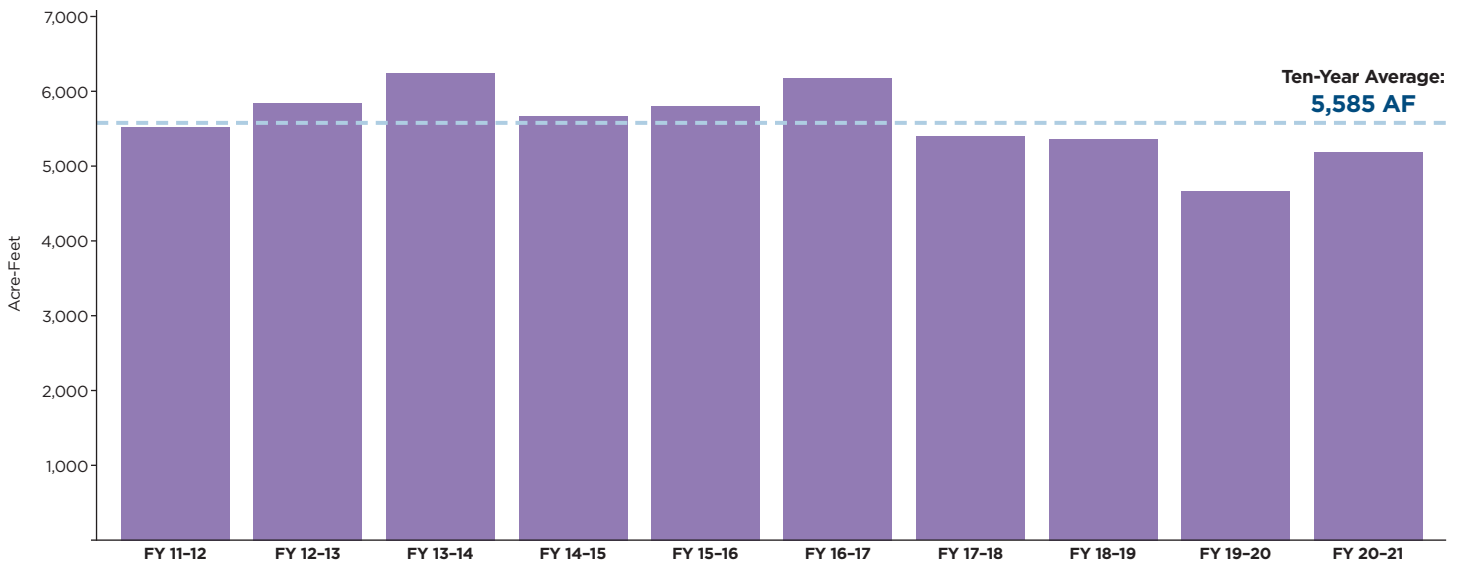
West Basin Municipal Water District	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Ten-Year Average
CWS – Dominguez	5,522	5,841	6,245	5,669	5,803	6,169	5,396	5,361	4,667	5,184	5,585
CWS – Hawthorne	90	108	118	99	104	94	114	84	92	101	100
CWS – Hermosa Redondo	136	162	167	147	156	147	217	226	215	224	180
City of El Segundo	6,888	7,677	8,606	9,280	8,927	9,581	9,185	9,686	8,651	9,417	8,790
City of Inglewood	642	783	827	728	765	834	901	698	685	899	776
City of Manhattan Beach	291	405	305	313	280	265	268	231	266	276	290
Golden State Water Company	344	538	583	464	405	364	389	452	385	495	442
LA Dept. of Water and Power	788	968	945	882	874	825	855	829	1,433	1,416	981
City of Torrance	6,352	6,634	6,529	5,270	4,012	5,037	6,685	5,887	5,424	5,447	5,728
Water Replenishment District	6,531	6,622	12,372	12,403	13,677	13,014	13,047	9,738	13,084	10,995	11,148
Total	27,582	29,737	36,698	35,255	35,003	36,330	37,057	33,192	34,903	34,454	34,021

CWS = California Water Service

CALIFORNIA WATER SERVICE – DOMINGUEZ

2632 West 237th Street, Torrance, CA 90505-5272

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

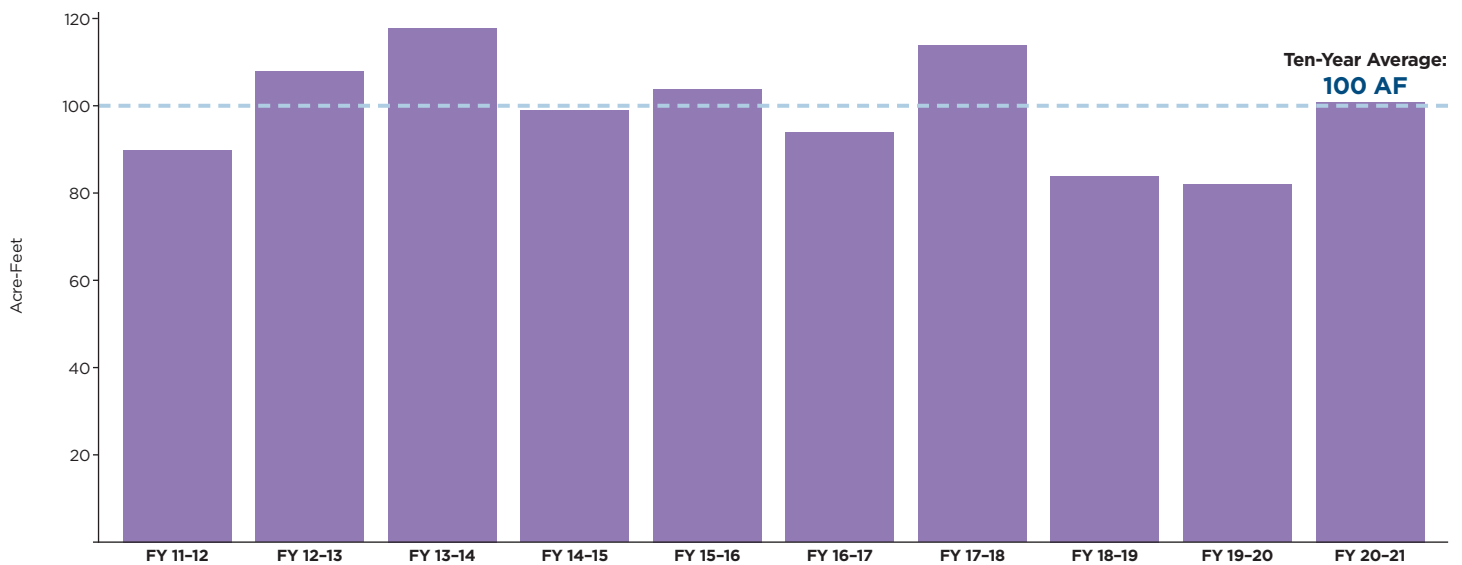
Recycled Water Customer		Acre Feet
1	Anderson Park	17.2
2	Anschutz So Cal Sports*	59.1
3	Avalon Median N/Elsmere	10.0
4	BP Refinery – Nitrification	958.6
5	BP Refinery – Reverse Osmosis	3,528.5
6	Cal State Univ Dominguez*	150.3
7	Carson Marketplace LLC	—
8	City Carson – Median Central	0.5
9	City of Carson*	19.4
10	City of Torrance	0.4
11	Dominguez Tech Center*	162.4
12	Goodyear	35.7
13	Porsche Experience	9.7
14	St James Catholic School	2.7
15	Sunny Glenn Park	8.6
16	Torrance Park Services / Entradero Park	28.5
17	Torrance Park Services / Paradise Park	11.5
18	Torrance USD / Anza Elementary	11.9
19	Torrance USD / Victor Elementary	15.9
20	Victoria Golf Course	119.3
21	West High School	33.8
Total		5,183.9

*This data reflects the total for multiple meter connections.
1 acre-foot (AF) is equal to 325,851 gallons.

CALIFORNIA WATER SERVICE – HAWTHORNE

2632 West 237th Street, Torrance, CA 90505-5272

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020–2021 RECYCLED WATER SALES

Recycled Water Customer	Acre Feet
1 Caltrans (I-105/Van Ness)	2.1
2 Caltrans (I-105/York St.)	—
3 City of Hawthorne*	3.8
4 Dominguez Channel Bike Path**	—
5 Eucalyptus Avenue School	5.7
6 Eucalyptus Park	5.9
7 Hawthorne High School	22.4
8 Hawthorne Intermediate School	4.2
9 Hawthorne Medians	19.0
10 Hawthorne Memorial Park	—
11 Hawthorne Municipal Airport	—
12 Holly Park*	19.6
13 Jefferson School	2.3
14 Jim Thorpe Park*	8.8
15 Lowe's	1.9
16 Washington Avenue School	1.5
17 York Avenue School	4.2
Total	101.3

*This data reflects the total for multiple meter connections.

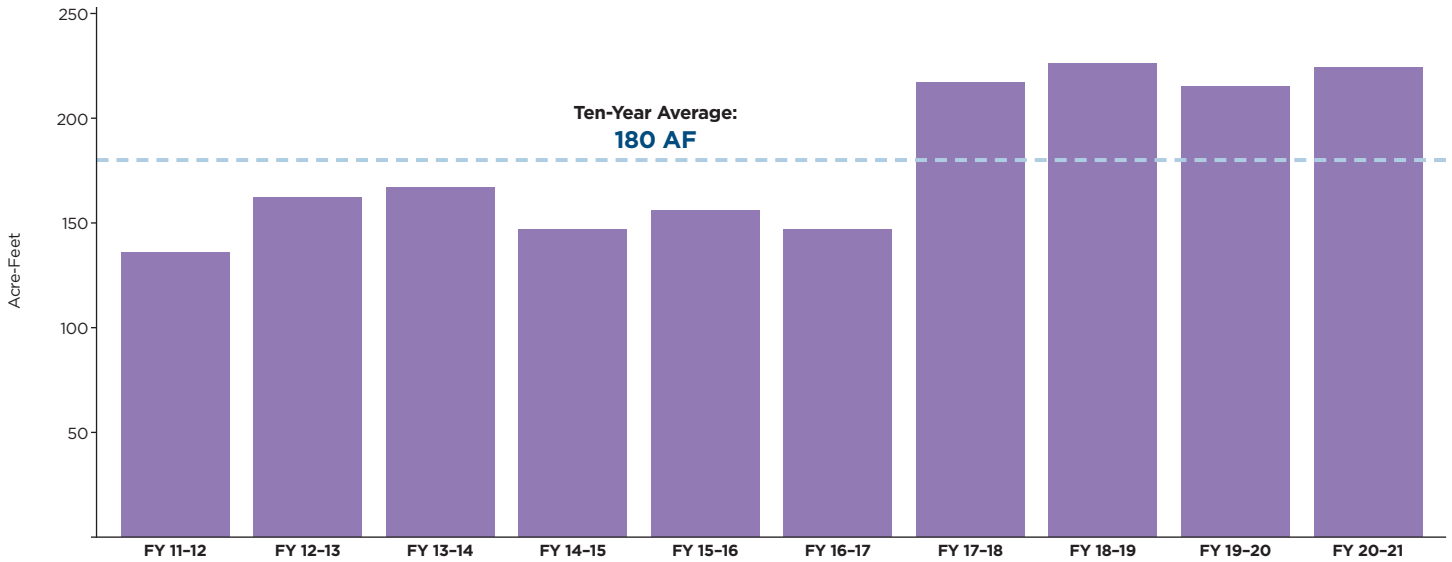
**This is a new customer/meter connection for FY 20-21.

1 acre-foot (AF) is equal to 325,851 gallons.

CALIFORNIA WATER SERVICE – HERMOSA REDONDO

2632 West 237th Street, Torrance, CA 90505-5272

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020–2021 RECYCLED WATER SALES

Recycled Water Customer		Acre Feet
1	190th St./Prospect Ave Medians (400 Blk)	1.0
2	Aviation Park	8.6
3	City of Hermosa Beach*	3.7
4	Clark Park	12.0
5	Dominguez Park*	28.6
6	Hermosa Beach Greenbelt*	36.4
7	Hermosa Beach Community Center	4.7
8	Hermosa Beach Library and City Hall	0.9
9	Hermosa Valley Elementary School	9.5
10	Hermosa Valley Park	29.6
11	Herondo/Francisca Median	1.6
12	Metropolitan Investments LLC	—
13	Northrop Grumman Systems	18.7
14	PCH/190th St. Median	0.0
15	PCH/Herondo-King Harbor Park	0.5
16	Redondo Beach School District	35.8
17	Redondo Beach Union High School*	23.1
18	South Park	7.5
19	Vincent Park	2.2
Total		224.3

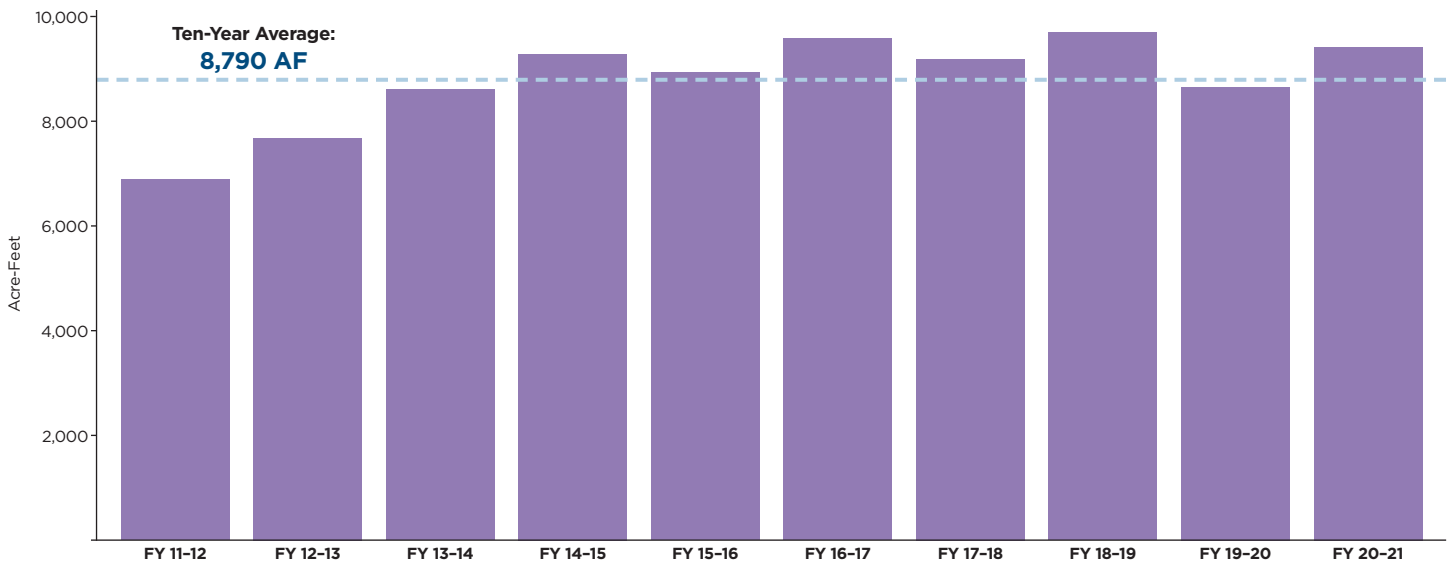
*This data reflects the total for multiple meter connections.

1 acre-foot (AF) is equal to 325,851 gallons.

CITY OF EL SEGUNDO

350 Main Street, El Segundo, CA 90245-3895

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

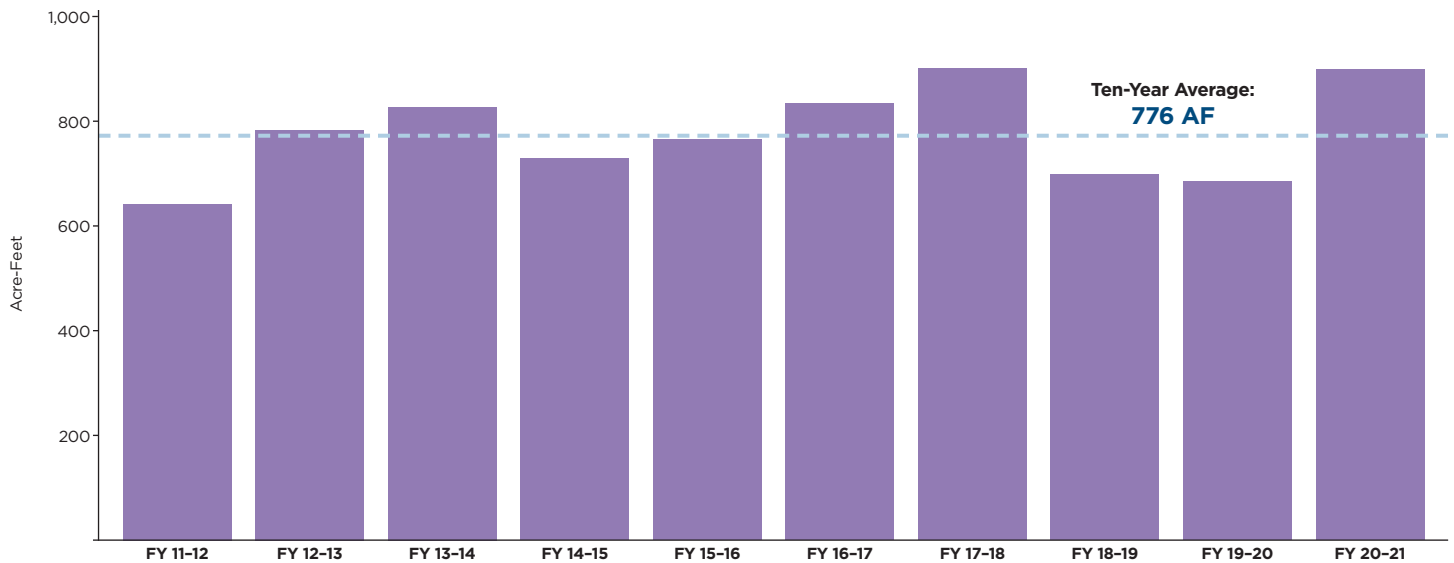
Recycled Water Customer		Acre Feet	Recycled Water Customer		Acre Feet
1	350 Main St./Parks	14.3	23	EVA Airways	2.2
2	351 Main St./Parks	7.9	24	Fire Station #2	0.6
3	352 Main St./Parks	1.3	25	Hughes Way Median	1.4
4	640 Sheldon St.	9.6	26	Imperial Ave. Parkway*	7.0
5	750 N. Nash St.	2.0	27	LAAFB*	20.0
6	AC Hotel	0.9	28	Los Angeles Lakers	1.7
7	Aerospace Corp.	75.2	29	Maryland Hilltop Park	3.9
8	Campus El Segundo	9.8	30	Mattel	8.9
9	Campus Square Association	0.9	31	Nash & Continental Medians	6.1
10	CDC MAR Campus LLC	2.3	32	NRG	27.9
11	Center Elementary School	15.7	33	Plaza El Segundo*	32.6
12	Chevron (High Pressure Boiler Feed)	2,555.0	34	Raytheon*	96.0
13	Chevron (Low Pressure Boiler Feed)	1,764.0	35	Recreation Park - El Segundo*	29.6
14	Chevron Irrigation*	172.5	36	Richmond School	5.6
15	Chevron Nitrification Plant	4,389.9	37	Snyder Langston	9.6
16	El Segundo Association	2.2	38	Southern California Edison - El Segundo Generation Station	35.3
17	El Segundo Golf Course*	27.5	39	Sycamore Park	2.7
18	El Segundo High School	7.8	40	The Jungle Nursery	2.8
19	El Segundo Liberty Park	7.1	41	The Station	1.4
20	El Segundo Middle School	16.9	42	Washington Park*	17.8
21	Eleven at CES*	9.6	43	Wiseburn High School	6.1
22	Equinox Operating Co.	5.5			
			Total		9,416.9

*This data reflects the total for multiple meter connections.
1 acre-foot (AF) is equal to 325,851 gallons.

CITY OF INGLEWOOD

One Manchester Boulevard, Inglewood, CA 90301

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

Recycled Water Customer		Acre Feet
1	Ashwood Park	6.1
2	Caltrans (I-105/Crenshaw)	18.3
3	Caroline Coleman Stadium*	8.5
4	Centinela (Vincent) Park	92.2
5	Century Blvd Irrigation**	0.2
6	Crozier Jr. High School	3.7
7	Florence Median	—
8	Grevillea Mall Park	2.9
9	Hillcrest	—
10	Hollywood Park	6.9
11	Inglewood City Hall	10.0
12	Inglewood Park Cemetery	602.5
13	Inglewood Transit Facility**	1.0
14	LASED Parking Lot and Streetscapes**	99.8
15	Market Street Medians	8.3
16	Morningside School	—
17	Prairie Avenue Irrigation**	—
18	Queen Park	2.6
19	Rogers Park	16.3
20	SoFi Stadium - East**	10.4
21	SoFi Stadium - West**	3.5
22	Water Treatment Plant	5.9
Total		899.1

*This data reflects the total for multiple meter connections.

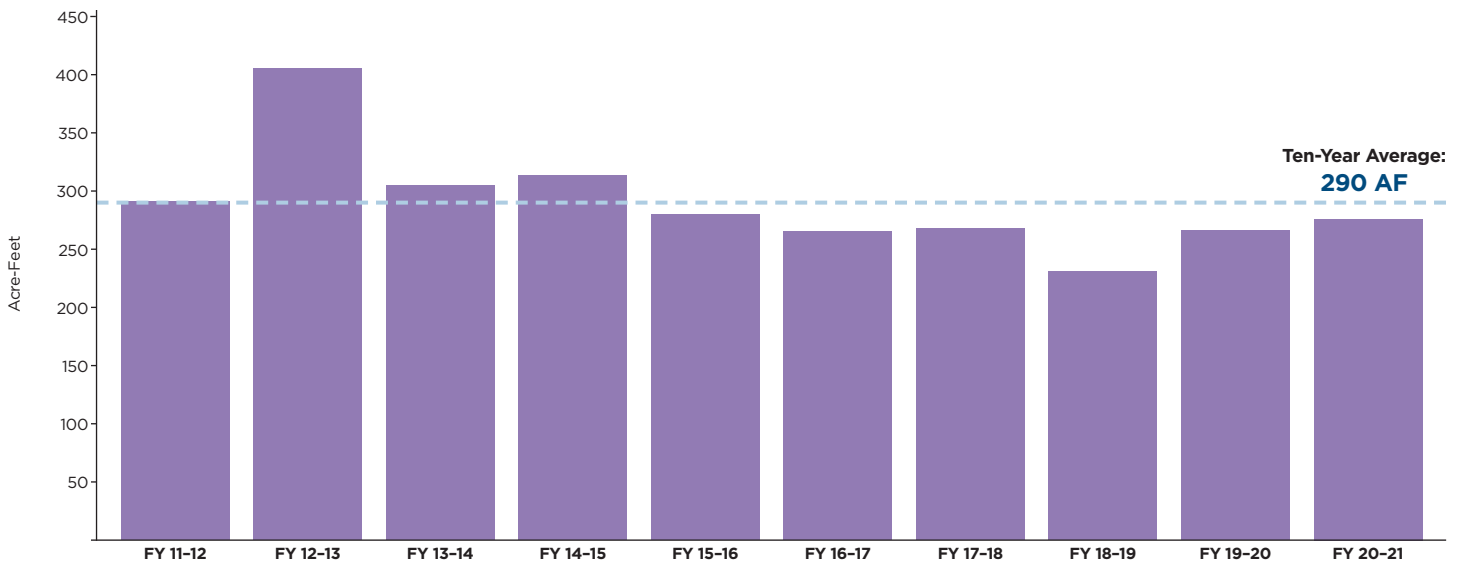
**This is a new customer/meter connection of FY 2020-2021.

1 acre-foot (AF) is equal to 325,851 gallons.

CITY OF MANHATTAN BEACH

3621 Bell Avenue, Manhattan Beach, CA 90266

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

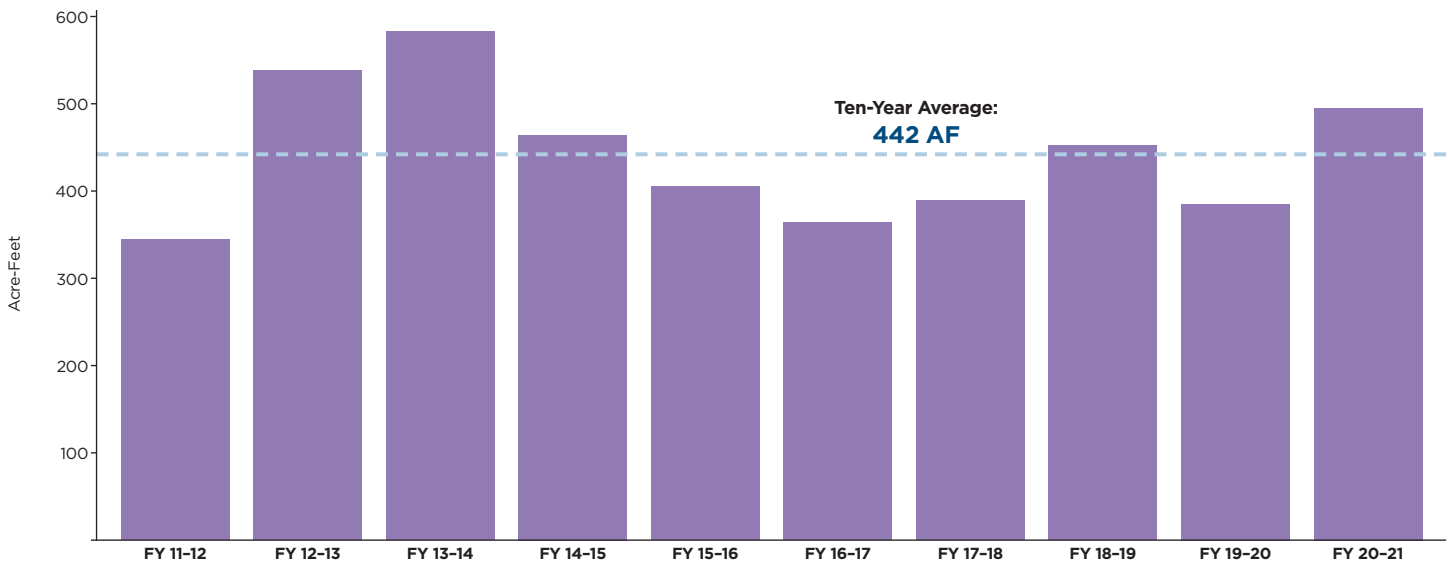
Recycled Water Customer	Acre Feet	Recycled Water Customer	Acre Feet
1 1230 Rosecrans	2.4	20 Marriott Golf	56.9
2 1508 Aviation	0.3	21 MB Fire and Police Landscape	2.0
3 2202 Aviation	0.2	22 Meadows Elementary School*	5.9
4 2511 Bell Avenue (Grand View/Ladera)	2.3	23 Mira Costa High School	21.7
5 2632 Bell Avenue E. (Grand View/Ladera)	4.5	24 NE Corner Village Drive/Fashion Way	5.8
6 2632 Bell Avenue W. (Grand View/Ladera)	—	25 Pennekamp Elementary School	5.6
7 325 S. Peck	3.5	26 Polliwog Park	37.9
8 Begg Elementary School	5.1	27 Robinson Elementary School	4.7
9 Bell Avenue S. of Park	4.0	28 Rosecrans Medians at Pine	1.3
10 Dorsey Field	7.7	29 Sports Park	16.5
11 Live Oak Park	2.4	30 Valley/Ardmore Greenbelt at 15th Street	2.3
12 Manhattan Studios	10.5	31 Valley/Ardmore Greenbelt at 19th Street	—
13 Manhattan Village Park	2.8	32 Valley/Ardmore Greenbelt at 2nd Street	12.9
14 Mar Brad Middle School – La Marina Field	15.0	33 Valley/Ardmore Greenbelt at 8th Street	3.7
15 Marine and Herrin Median	1.1	34 Valley/Ardmore Greenbelt at Ardmore	13.6
16 Marine and Sepulveda Median	3.4	35 Valley/Ardmore Greenbelt at M.B.B.S.E.	4.1
17 Marine Avenue Median	2.4	36 Valley/Ardmore Greenbelt at S. of Homer	—
18 Marine Avenue Park	13.1	37 Voorhees Sump	0.2
19 Marine Triangle Median	0.7		
		Total	276.3

*This data reflects the total for multiple meter connections.
1 acre-foot (AF) is equal to 325,851 gallons.

GOLDEN STATE WATER COMPANY

1600 W. Redondo Beach Boulevard, #101, Carson, CA 90746-1296

TEN-YEAR RECYCLED WATER PRODUCTION

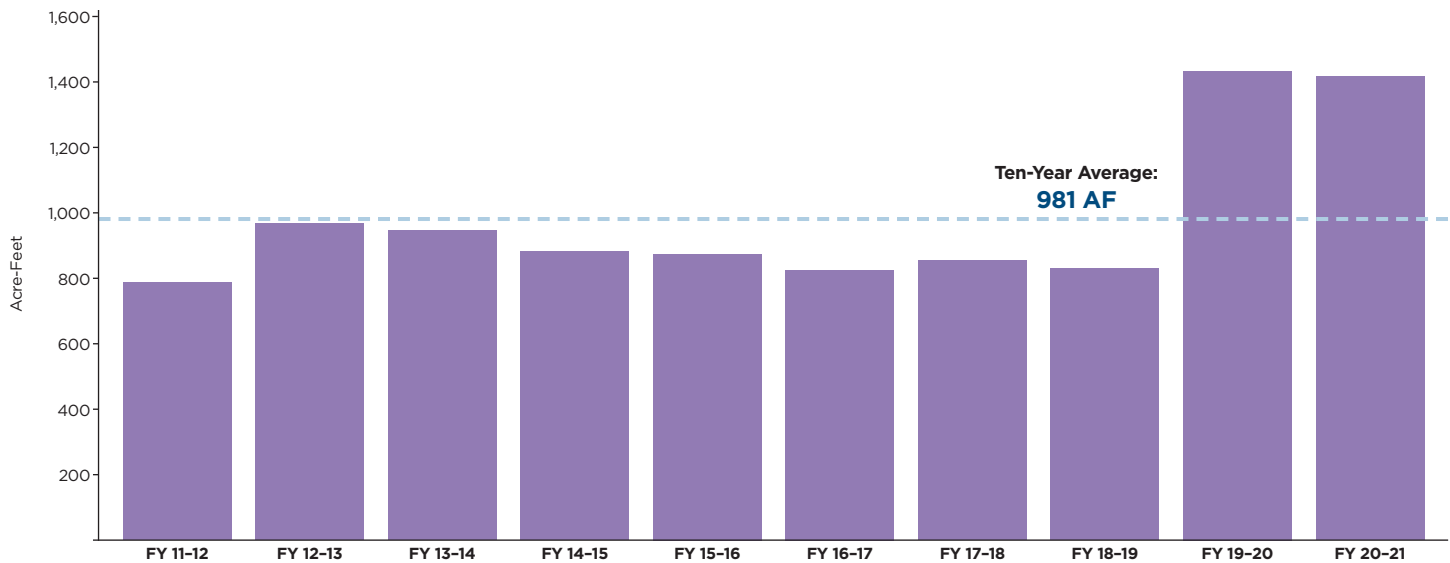


FISCAL YEAR 2020-2021 RECYCLED WATER SALES

Recycled Water Customer		Acre Feet	Recycled Water Customer		Acre Feet
1	13500 Glasgow	9.0	19	Crenshaw Lumber	—
2	Aerospace Corporation*	8.2	20	Dana-Burnett Elementary School	13.5
3	Alondra Golf Course*	—	21	Del Air Park	10.1
4	Alondra Park (West)*	19.0	22	Del Aire Assembly of God	1.0
5	Anza Elementary School	—	23	Del Taco DT895	0.3
6	Buford Elementary School	5.4	24	El Camino College	14.1
7	Cabrillo Elementary School*	11.4	25	Federal Building - Hawthorne	6.6
8	Caltrans (I-405/117th)	1.1	26	Felton Elementary School	4.9
9	Caltrans (I-405/135th)	0.0	27	Hawthorne Boulevard/Marine	0.3
10	Caltrans (I-405/Century)	0.6	28	Holly Glen Park	2.1
11	Caltrans (I-405/El Segundo)	1.9	29	Jane Addams Park	7.1
12	Caltrans (I-405/Imperial)	44.5	30	Lawndale Union High School District Office	26.3
13	Caltrans (I-405/Inglewood)	1.2	31	Lennox Middle School	22.3
14	Caltrans (I-405/La Cienega)	4.3	32	Leuzinger High School	31.8
15	Center Park*	5.2	33	Los Angeles Southwest College	—
16	Chester Washington Golf Course	199.9	34	Rogers Anderson Park	21.9
17	City of Gardena	6.9	35	Sepulveda Elementary School	4.0
18	Condon Park (Lennox Park)	7.3	36	Wiseburn Walking Path (LA Conserv)	2.3
			Total		494.5

*This data reflects the total for multiple meter connections.
1 acre-foot (AF) is equal to 325,851 gallons.

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

Recycled Water Customer		Acre Feet
1	Hyperion Secondary Effluent Pump Station**	4.6
2	Hyperion Treatment	72.9
3	LADWP South Gardena Meter*	66.4
4	LADWP Westside Meter*	1,284.5
5	LADWP Westside Reverse Flow	(14.0)
6	Scattergood - 7501 Grand	1.4
Total		1,415.8

*This data reflects the total for multiple meter connections.

**This is a new customer/meter connection of FY 2020-2021.

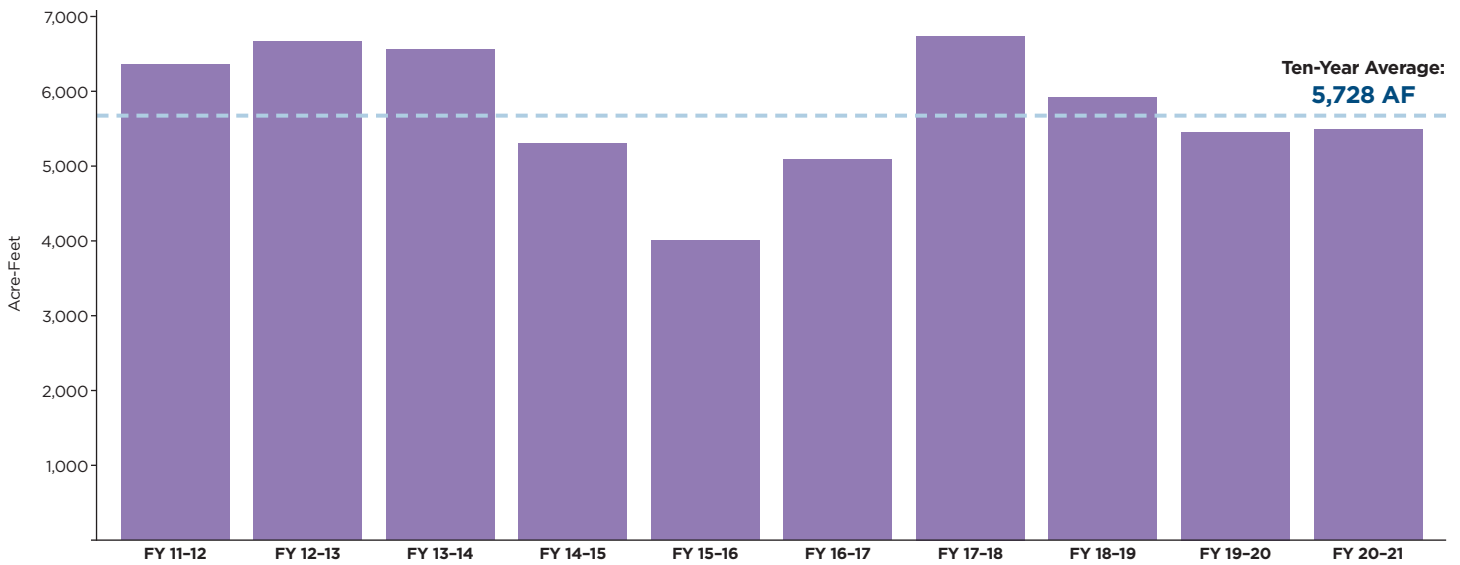
1 acre-foot (AF) is equal to 325,851 gallons.

LADWP Recycled Water Use is outside of West Basin service area.

CITY OF TORRANCE

3031 Torrance Boulevard, Torrance, CA 90503

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

Recycled Water Customer	Acre Feet	Recycled Water Customer	Acre Feet
1 190th Street, 3403 - Median	0.0	24 Kobata Growers	5.8
2 190th Street, 3403 - Median	0.1	25 La Paloma Park	1.0
3 2269 Del Amo Boulevard**	1.4	26 Magruder Middle School*	7.7
4 American Honda - A/1	79.3	27 McMaster Park	8.1
5 American Honda - B/2	11.7	28 Prairie Avenue at 175th Place	—
6 Anza Medians #3	—	29 Prairie Avenue at 175th Street	—
7 Anza Medians #4	0.7	30 Prairie Avenue at 190th Street*	—
8 Anza Medians #5	—	31 Prairie Avenue at Artesia Boulevard	—
9 Anza Medians #6	0.1	32 Pueblo Park	0.0
10 Anza Medians #7	—	33 Seaside Heroes Park	1.6
11 Arlington School	7.1	34 South High School	8.1
12 Artesia Boulevard / Kornblum	—	35 Torrance Business Center	6.9
13 Artesia Boulevard / Prairie	0.4	36 Torrance Refinery Boiler Feed	2,544.0
14 Artesia Boulevard / Van Ness	—	37 Torrance Refinery Cooling Towers	2,554.0
15 Artesia Boulevard Median	0.1	38 Torrance Refinery Irrigation	26.3
16 Calle Mayor Middle School	23.2	39 Torrance Technology Center - Building 1	—
17 CalTrans 405/Artesia**	—	40 Torrance Technology Center - Building 2	2.4
18 Casimir School	9.1	41 Torrance Technology Center - Building 3	—
19 Columbia Park*	92.5	42 Toyota Motor Sales	—
20 Descanso Park	6.2	43 Toyota Motor Sales 2	—
21 Exxon Fire	—	44 Toyota Motor Sales 3	—
22 Falda Avenue	0.0	45 Virco Manufacturing	10.2
23 Guenser Park	39.7	Total	5,447.4

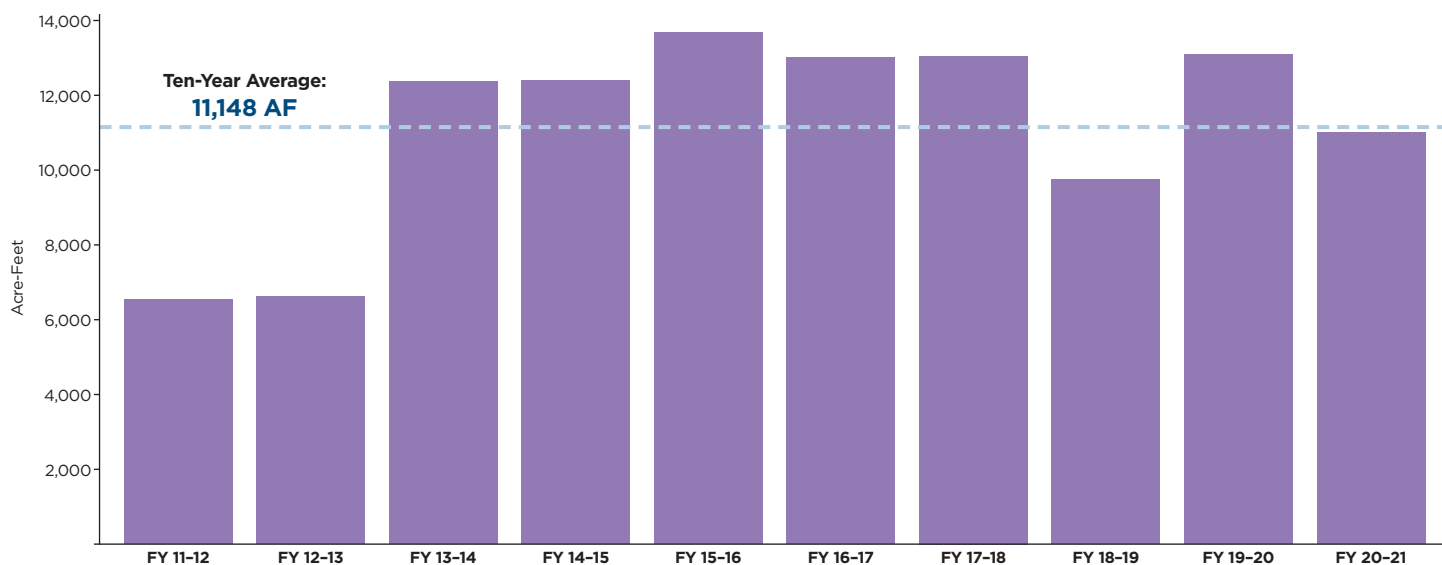
*This data reflects the total for multiple meter connections.

**This is a new customer/meter connection of FY 2020-2021.

1 acre-foot (AF) is equal to 325,851 gallons.

City of Torrance Recycled Water Use is outside of West Basin service area.

TEN-YEAR RECYCLED WATER PRODUCTION



FISCAL YEAR 2020-2021 RECYCLED WATER SALES

Recycled Water Customer		Acre Feet
1	West Coast Barrier	10,994.5
Total		10,994.5

1 acre-foot (AF) is equal to 325,851 gallons.

THIS PAGE
INTENTIONALLY
LEFT BLANK

The background is a solid blue color with a complex, organic pattern of darker and lighter blue shapes. These shapes are irregular, flowing, and somewhat resemble liquid droplets or topographical contour lines, creating a sense of movement and depth. The text is centered in the middle of the image.

WATER RATES & CHARGES

WEST BASIN MUNICIPAL WATER DISTRICT FY 2021-2022 WATER RATES AND CHARGES

Adopted May 24, 2021 (Resolution 05-21-1128)

RATES EFFECTIVE JULY 1, 2021 TO DECEMBER 31, 2021

	MET Commodity	MET RTS	Reliability Service Charge	Total
Non-Interruptible Retail and Barrier (Tier 1)	\$1,104/AF	\$100/AF	\$245/AF	\$1,449/AF
Non-Interruptible Retail and Barrier (Tier 2)	\$1,146/AF	\$100/AF	\$245/AF	\$1,491/AF

RATES EFFECTIVE JANUARY 1, 2022

	MET Commodity	MET RTS	Reliability Service Charge	Total
Non-Interruptible Retail and Barrier (Tier 1)	\$1,143/AF	\$100/AF	\$245/AF	\$1,488/AF
Non-Interruptible Retail and Barrier (Tier 2)	\$1,185/AF	\$100/AF	\$245/AF	\$1,530/AF

MET NON-INTERRUPTIBLE COMMODITY RATE

	Effective Date	
	January 1, 2021	January 1, 2022
Supply Rate Tier 1	\$ 243	\$ 243
Supply Rate Tier 2	\$ 285	\$ 285
System Access Rate	\$ 373	\$ 389
Water Stewardship Rate	\$ 0	\$ 0
Treatment Rate	\$ 327	\$ 344
Power Rate	\$ 161	\$ 167
Total Tier 1	\$ 1,104	\$ 1,143
Total Tier 2	\$ 1,146	\$ 1,185

WEST BASIN MUNICIPAL WATER DISTRICT FY 2021-2022 WATER RATES AND CHARGES

Adopted May 24, 2021 (Resolution 05-21-1128)

CAPACITY CHARGE - DESIGNATED AMOUNT*

Effective Date	
January 1, 2021	January 1, 2022
\$9,050/cfs	\$10,025/cfs

*Designated amount is an Agency's highest peak (per cfs) from the past three summer periods (May 1-September 30).

FIXED SERVICE CHARGE

Effective Date: July 1, 2021
See schedule for each agency's allocation.**

\$6,572,329

**Allocated based on agency's three-year historical average of imported water purchases.

RECYCLED WATER RATES

Effective Date: July 1, 2021		
Volume (AF/Month)	WBMWD Service Area	Outside Service Area
0-25	\$1,294/AF	\$1,336/AF
25-50	\$1,284/AF	\$1,326/AF
50-100	\$1,274/AF	\$1,316/AF
100-200	\$1,264/AF	\$1,306/AF
200+	\$1,254/AF	\$1,296/AF

All water rates and charges information can be found at
www.westbasin.org/finance/water-rates-charges/

THIS PAGE
INTENTIONALLY
LEFT BLANK

The background is a solid blue color with a complex, organic pattern of flowing, wavy lines and shapes. These shapes are rendered with a 3D effect, featuring lighter blue highlights and darker blue shadows, giving the impression of a textured surface or a topographical map. The overall effect is dynamic and modern.

RESOURCES

WEST BASIN MUNICIPAL WATER DISTRICT RESOURCES

OTHER WATER RESOURCES PLANNING EFFORTS

2020 URBAN WATER MANAGEMENT PLAN

West Basin's 2020 Urban Water Management Plan (UWMP) provides a detailed summary of present and future water supplies and demands within the District's service area, and assesses its ongoing water resource needs. Specifically, the UWMP provides water supply planning for a 25-year period in five-year increments and identifies water supplies needed to meet existing and future demands. West Basin's 2020 UWMP updates the 2015 UWMP in compliance with requirements of the California Urban Water Management Planning Act and the California Water Code.

www.westbasin.org/2020-UWMP

WATER SHORTAGE CONTINGENCY PLAN

As a new requirement in 2021, West Basin developed a Water Shortage Contingency Plan (WSCP) that is separate from the UWMP and that demonstrates its ability to ensure reliable water supplies during various levels of water shortage, including catastrophic interruptions and emergency situations. The WSCP is a strategic planning document that provides West Basin with a set of structured guidelines to address temporary water shortages, allowing the District to efficiently manage any type of shortage situation with a flexible suite of response actions.

www.westbasin.org/2020-UWMP

RECYCLED WATER MASTER PLAN

The West Basin Recycled Water Master Plan (Master Plan) is an important strategic document that guides the District on how to move forward with maximizing recycled water use inside and outside its service area over the next 20 years.

The updated plan outlines a phased approach to expanding capacity with multiple potential scenarios. The Master Plan highlights three themes and four phases (each in five-year segments) over the next 20 years. Areas of opportunity identified in the plan include:

- Expansion to more irrigation customers
- Groundwater augmentation
- Expansion to more refineries
- Deliveries to Los Angeles Harbor and Long Beach industrial customers

www.westbasin.org/RWMP

WEST BASIN MUNICIPAL WATER DISTRICT RESOURCES

WEST BASIN LEADERSHIP AND CONTACT INFORMATION

EXECUTIVE MANAGEMENT

E.J. Caldwell

Interim General Manager
edwardc@westbasin.org
(310) 660-6286

Barkev Meserlian

Executive Manager of Engineering and Operations
barkevm@westbasin.org
(310) 660-6223

Margaret Moggia

Executive Manager of Finance
margaretm@westbasin.org
(310) 660-6256

CONTACT INFORMATION

Address

West Basin Municipal Water District
17140 S. Avalon Boulevard
Carson, CA 90746

General Phone Number

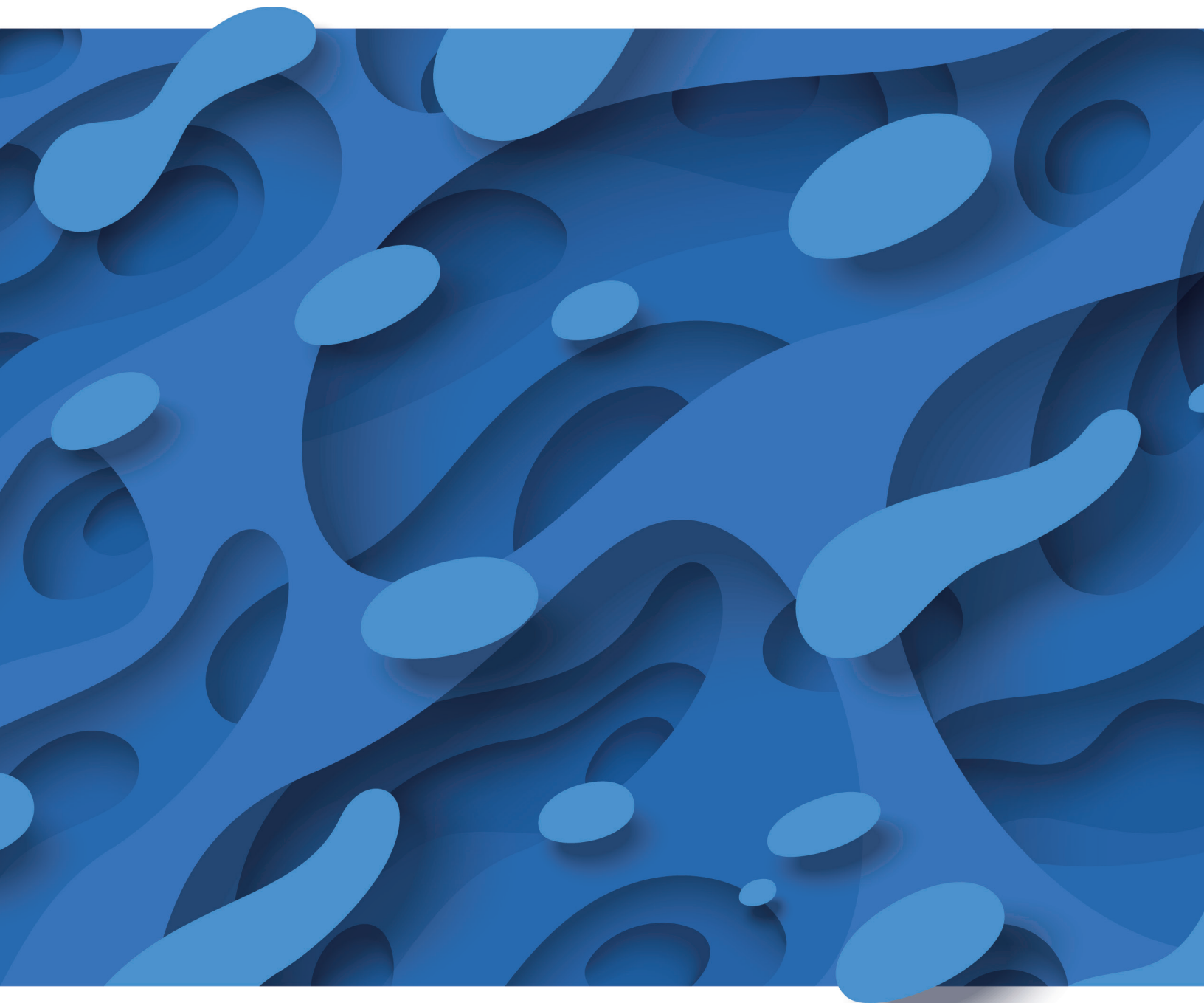
(310) 217-2411

General Fax Number

(888) 821-6552

Website

www.westbasin.org



17140 S. Avalon Boulevard, Carson, CA 90746
(310) 217-2411

www.westbasin.org

