



WEST BASIN MUNICIPAL WATER DISTRICT

WATER USE REPORT

FISCAL YEAR 2013-2014

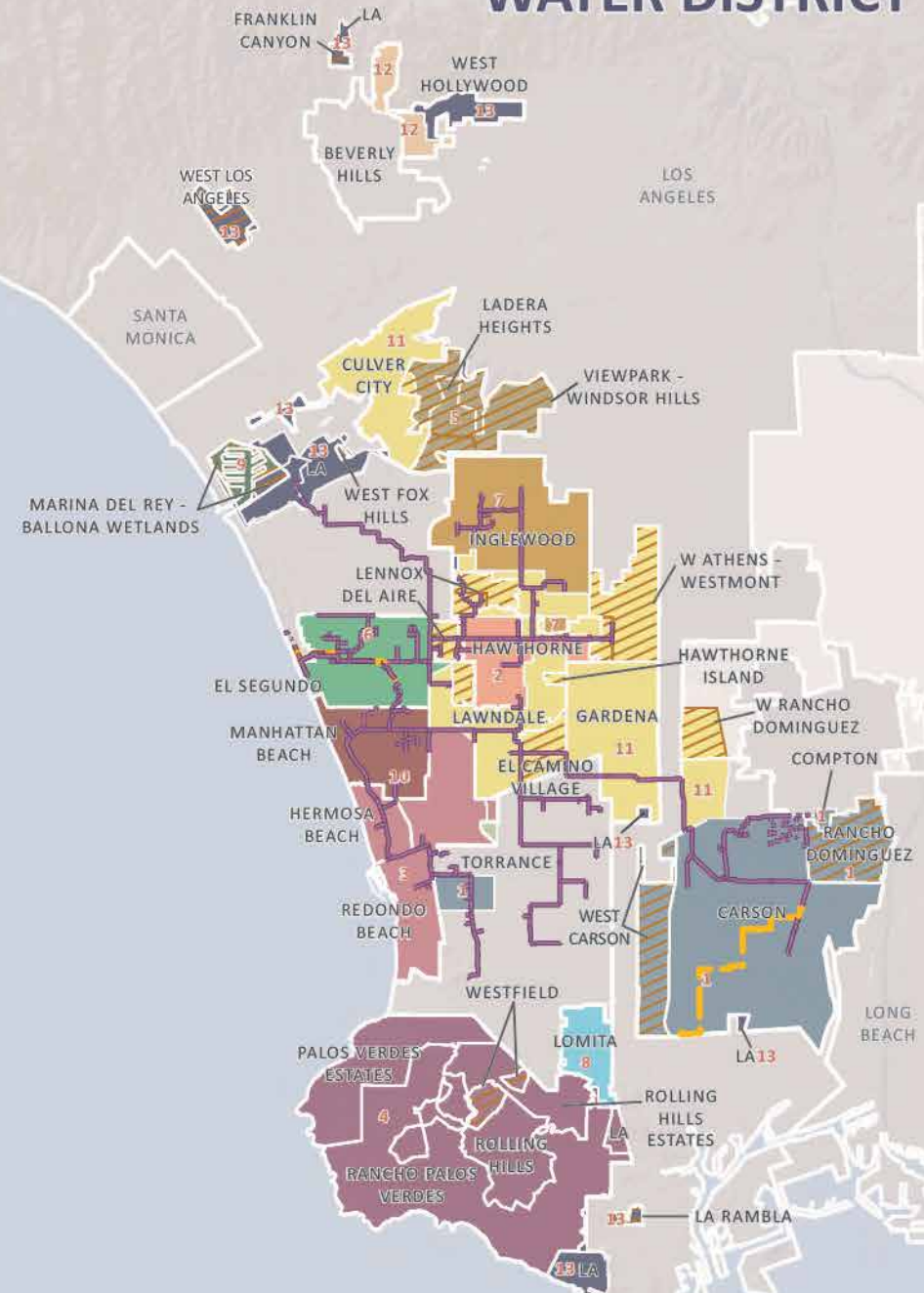
WEST BASIN MUNICIPAL WATER DISTRICT

WEST BASIN WATER PURVEYORS

- 1 CALIFORNIA WATER SERVICE COMPANY - DOMINGUEZ
- 2 CALIFORNIA WATER SERVICE COMPANY - HAWTHORNE
- 3 CALIFORNIA WATER SERVICE COMPANY - HERMOSA/REDONDO
- 4 CALIFORNIA WATER SERVICE COMPANY - PALOS VERDES
- 5 CALIFORNIA-AMERICAN WATER COMPANY
- 6 CITY OF EL SEGUNDO
- 7 CITY OF INGLEWOOD
- 8 CITY OF LOMITA
- 9 LOS ANGELES COUNTY WATERWORKS DISTRICT #29
- 10 CITY OF MANHATTAN BEACH
- 11 GOLDEN STATE WATER COMPANY

OTHER WATER PURVEYORS

- 12 CITY OF BEVERLY HILLS
- 13 LOS ANGELES DEPARTMENT OF WATER AND POWER
- 14 CITY OF TORRANCE
- UNINCORPORATED LA COUNTY COMMUNITIES
- RECYCLED WATER PIPELINE
- CONSTRUCTED PIPELINE - NOT CONNECTED
- BRINE LINE



WATER USE REPORT

Fiscal Year 2013-2014

17140 S. Avalon Blvd., Suite 210
Carson, CA 90746
www.westbasin.org



FISCAL YEAR 2013-2014 ACCOMPLISHMENTS

Finance

- Received an Excellence in Financial Reporting Award notification for West Basin's Comprehensive Annual Financial Annual Report (CAFR) for the FY 2012-13 from the Government Finance Officers Association (GFOA);
- Received Excellence in Budget Recognition from GFOA and the California Society of Municipal Finance Officers (CSMFO); and
- Approved the annual rates in April 2014 and the annual budget in May 2014 that meets the Board's financial metrics of a 1.35 overall debt coverage, meets its Designated Funds Policy limits, and responsibly budgets for its sales assumption in response to the declaration of a state-wide drought in January 2014.

Capital Improvement Program

- Completed feasibility study efforts and initiated design of the Hyperion Effluent Pump Station Expansion and Secondary Electrical Feed Project. The pump station project will provide additional capacity to serve future recycled water demands and add a second power source to the existing Hyperion Effluent Pump Station to improve reliability and redundancy to West Basin's overall recycled water supply system;
- Applied for several grants for the conservation and recycled water programs as well as for ocean-water desalination research and development;
- Completed several replacement and refurbishment projects including replacement of a hypochlorite tank, a cable replacement project and a variable frequency drive (VFD) replacement all of which occurred at the Edward C. Little Water Recycling Facility;
- Awarded a contract for the design of the South Gardena Lateral. This lateral is partially funded by West Basin, Los Angeles Department of Water and Power (LADWP) as well as a grant from the Department of Water Resources;

- Completed the Title 22 Alkalinity Improvements preliminary design review. This preliminary design review assessed the need and feasibility for nitrified water upgrades to improve water quality and enhance production capacity;
- Completed the tertiary Membrane Bioreactor (t-MBR) Pilot Study at the Juanita Millender-McDonald Carson Regional Facility. The pilot study investigated a new type of t-MBR treatment to potentially produce a sixth type of recycled water for West Basin's customer; and
- Completed the Ocean-Water Desalination Water Quality Integration Study that assessed the potential challenges of introducing desalinated ocean water directly into the local distribution system.

Water Recycling Operations

- At Los Angeles Air Force Base, implemented back-up potable supply for toilet and urinal flushing using recycled water to assure reliability;
- Held Site Supervisor Training for new site supervisors, and staff at existing sites;
- Installed surge tank to protect West Coast Basin Barrier Pipeline;
- Installed 3,846 membranes for Phase II, III, and IV microfiltration systems;
- Executed new recycled water Operations and Maintenance agreement with United Water Environmental Services;
- Increased the Chevron Refinery's nitrified demand by 30 percent; and
- Conducted a demonstration test and implemented the use of a coagulant chemical, a ferric blend, to save costs.



Public Information & Conservation

- Worked with various schools and city facilities to install water efficiency measures;
- The South Bay Environmental Services Center conducted over 40 Cash for Kitchen Audits;
- Added Water 101 classes in Carson at Donald L. Dear building;
- Attracted over 2,000 attendees to last year's Annual Water Harvest educational festival;
- Signed up several car washes for the Ocean Safe car wash coupon program;
- Piloted new Rain Barrel Distribution and Smart Sprinkler Exchange Programs;
- Continued active tour program for the Water Education Center and Ocean-Water Desalination Demonstration Facility for elected officials, sponsors, media and industry V.I.P's even though the plant is no longer active;
- Overhauled the community giveaway program to primarily include practical water conservation devices in the future;
- Continued WR2020 program outreach and obtained over 10,000 community supporters for the program, including several new businesses, city commissions, as well as individuals willing to testify before regulatory agencies on behalf of WR 2020; and
- Constructed three Ocean Friendly Demonstration Gardens at the following locations: City of Carson Community Center, City of Hawthorne City Hall, and Palos Verdes High School.

Water Policy and Resource Development

- Conducted a workshop with the customer agencies to review proposed FY 2013-14 budget and water rates;
- Planned and implemented first Greater Los Angeles Water Summit to attract local elected officials throughout Los Angeles County to a one-day water issues conference;
- Educated local, state and federal elected officials on matters related to local water supply needs, and West Basin's Water Reliability 2020 program to develop new, reliable local water supplies;
- Increased state and federal advocacy efforts related to securing project and program funding for the service area through the potential 2014 Water Bond and Water Resources Development Act (WRDA);and
- Played a key role in assisting the Greater Los Angeles County Region in receiving funding for a \$25 million implementation grant and a \$1 million planning grant under the Integrated Regional Water Management Program, including a recycled water project to serve four sites in the City of Gardena.

Water Quality Monitoring Program

- Completed annual customer water quality reports for two participating retailers; and
- Completed laboratory services required to comply with federal Safe Drinking Water Act and California Title 22 Drinking Water regulation such as analyses of all inorganic, organic compounds, and radioactivity.

FISCAL YEAR 2014-2015 STRATEGIES

Finance

- Meet with rating agencies to discuss upcoming debt issuances to support efforts towards accomplishing the goals of Water Reliability 2020; and
- Update Long-Range Financial Model to project revenue needs, capital funding and appropriate rates and charges.

Capital Improvement Program

- Implement various treatment and conveyance facility repair, replacement, and rehabilitation projects to maintain and improve facility operations and ensure a long-term reliable water supply for West Basin's customers;
- Finalize design efforts for the Los Angeles Harbor Area Expansion project to serve Los Angeles Department of Water and Power (LADWP) refinery customers with over 9,000 AFY of high-quality nitrified Title 22 water. Design efforts include expansion of the existing Juanita Millender-McDonald Carson Regional Water Recycling Facility and approximately 3-miles of new 30-inch diameter conveyance pipeline through the City of Carson;
- Finalize the design of the South Gardena Lateral to serve four new local customers with approximately 120 acre-feet of recycled water. This partnership with LADWP and the Department of Water Resources will involve the construction of 1.25 miles of recycled water pipeline within the South Gardena;

- Implement the Title 22 Alkalinity Process Upgrades recently studied at the Chevron and ExxonMobil Refineries. This upgrade will supply the refineries with improved water quality and will reduce the costs for breakpoint chlorination operations on site; and
- Complete EIR for planned future Full-Scale Ocean-Water Desalination Program implementation. The EIR will assess all environmental related impacts associated with implementing Full-Scale Ocean-Water Desalination treatment facilities, intake and discharge systems, and full conveyance and pumping systems. The EIR will allow for certification in compliance with the California Environmental Quality Act.

Water Recycling Operations

- Continue making infrastructure improvements to achieve 100 percent recycled water injection at the seawater Barrier;
- Implement the prioritized asset management recommendations to maximize the asset life and optimize maintenance activities;
- Seek out and apply for grant funding to maximize opportunity for expansion of recycled water for new customers;
- Evaluate existing processes to improve operations;
- Complete implementation of automated system for retrieval and compilation of water quality laboratory data, and submit to various regulatory agencies to improve accuracy and provide more opportunity for proactive analysis of results; and
- Continue to support existing customer water quality inquiries.



Public Information & Conservation

- Focus on drought messaging and publicize Water Use Efficiency and Conservation programs;
- Continue to improve our education programs, including pre- and post-testing by adding additional information on the West Basin website;
- Plan to publish a new value brochure to provide our customers with information about how West Basin efficiently plans, invests and builds cutting edge water facilities;
- Continue to implement the WR 2020 outreach program and launch a new desalination section on the West Basin website;
- Continue to develop new communication vehicles to showcase West Basin's "new" brand and value;
- Host annual Water Harvest festival to reach to the community and continue educational and value focus;
- Continue to update the exhibits and educational facilities at the ECLWRF;
- Coordinate frequent meetings with media focused on current issues facing the water industry and West Basin;
- Build nine more Ocean Friendly Demonstration Gardens throughout the service area for a total of 16 gardens; and
- Execute six Water 101 courses for the public and universities.

Water Policy and Resource Development

- Continue to provide a forum for exchange of information and perspectives on West Basin policies and programs as well as statewide water policy issues including a possible 2014 Water Bond and the Bay Delta Conservation Plan;
- Ensure that any state and federal legislation regarding potential local government and/or water supply funding incorporate a "diverse" approach, which provides funding opportunities for conservation, water recycling, and ocean-water desalination;
- Continue West Basin's advocacy efforts related to West Basin's request for an increased Federal authorization for the Harbor South Bay project, through the Water Resources Development Act of 2012;
- Continue leadership role in the Greater Los Angeles County Integrated Regional Water Management Program, including administration, on behalf of the Region, of its financial resources;
- Continue to play a leading role in the development of policy and legislative matters; as well as the advocacy activities for CalDesal and WaterReuse;
- Continue program to honor Legislators of the Year with Water Reliability 2020 awards; and
- Continue to defend West Basin service area and MWD as a whole against litigation, legislation and other efforts intended to work against cooperative regional water management policy.

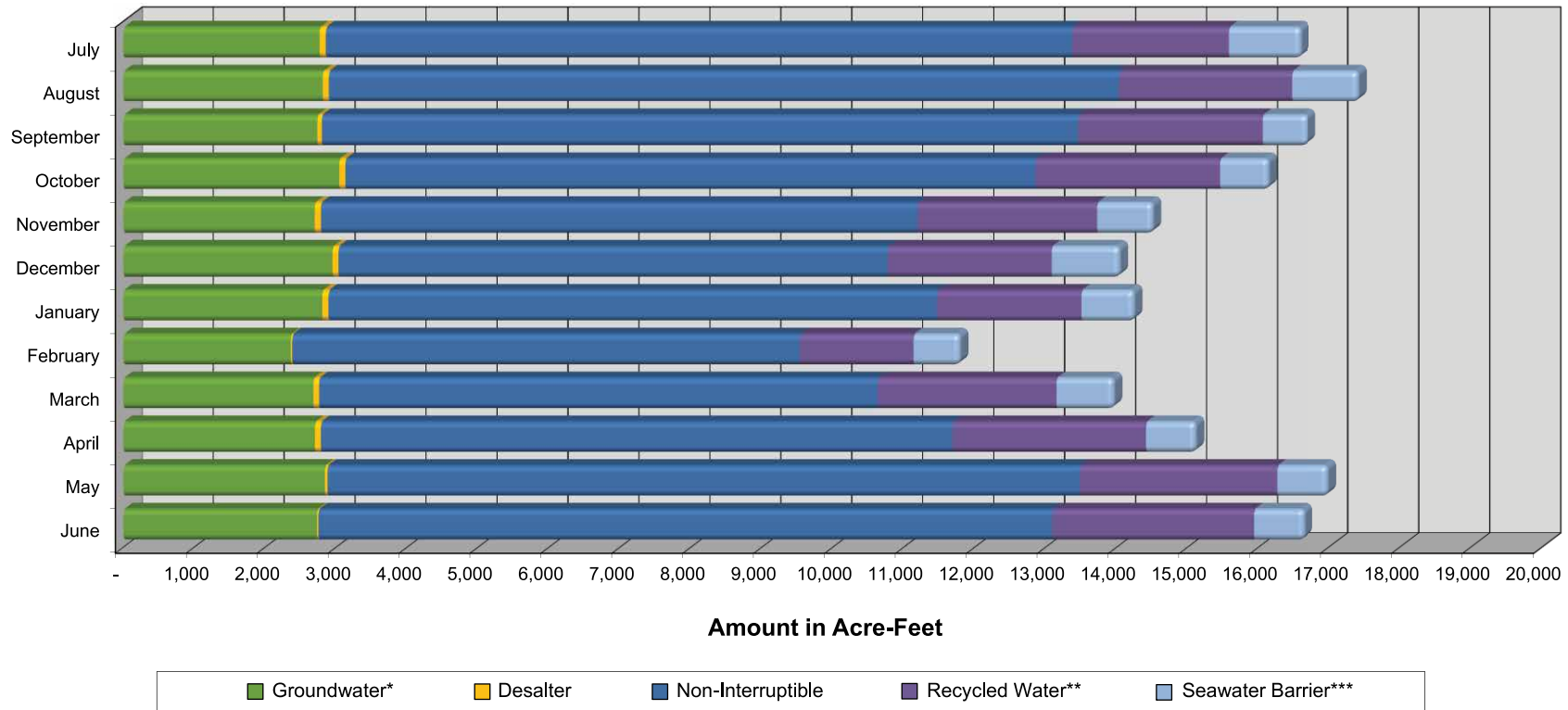
Water Quality Monitoring Program

- Complete annual customer water quality reports for two participating retailers; and
- Continue to assist water purveyors in meeting their water quality reporting requirements.

TOTAL WATER USE

West Basin Municipal Water District

FY 2013-14 Total Water Use



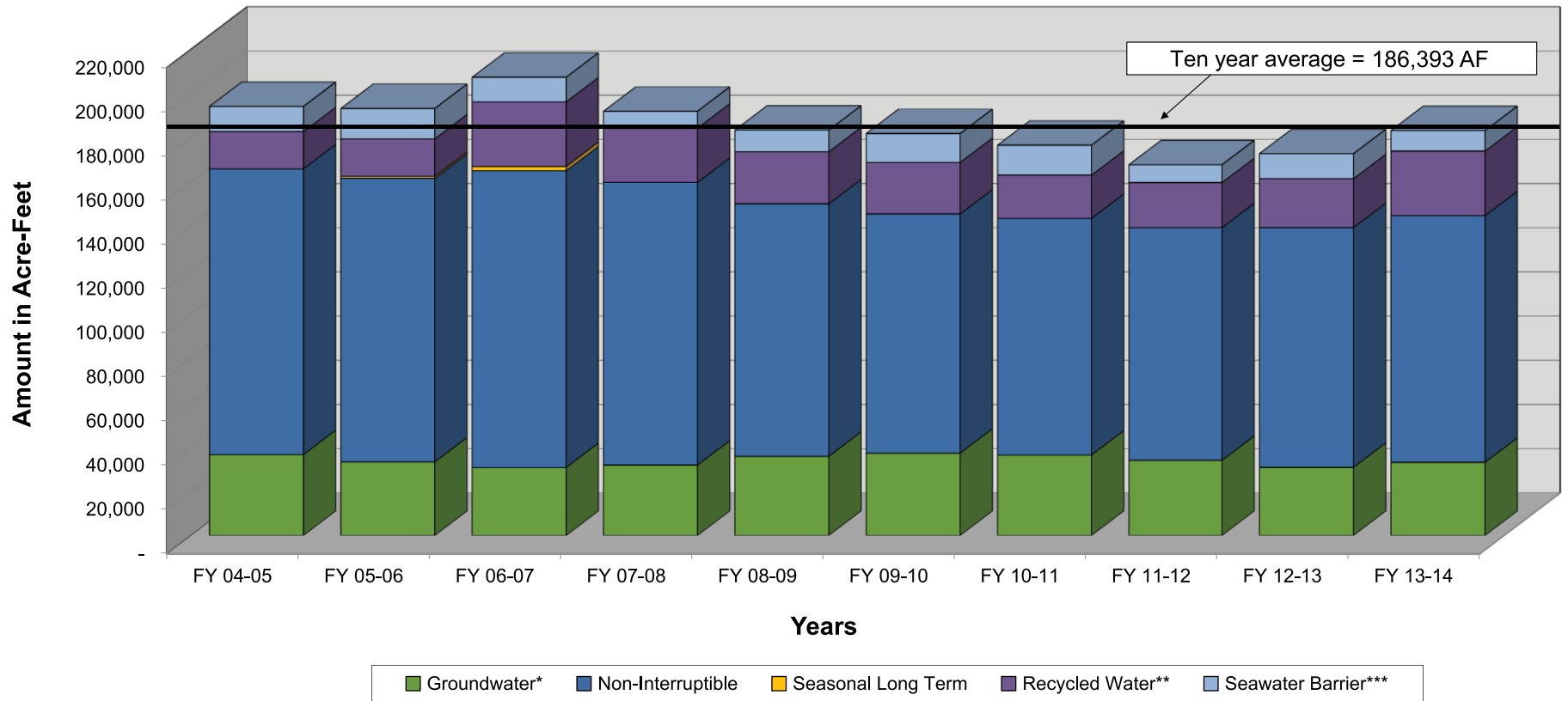
West Basin MWD	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	2,761.49	2,807.31	2,730.42	3,039.37	2,693.44	2,944.69	2,801.06	2,367.27	2,674.78	2,697.63	2,838.21	2,725.34	33,081.01
Desalter	89.50	85.20	62.30	84.50	86.40	83.00	87.00	22.60	80.10	81.70	34.80	19.40	816.50
Non-Interruptible	10,516.13	11,131.84	10,659.93	9,730.36	8,405.99	7,739.81	8,574.15	7,150.73	7,873.03	8,902.37	10,603.80	10,341.04	111,629.18
Recycled Water**	2,211.61	2,445.54	2,600.92	2,597.90	2,534.14	2,311.57	2,037.72	1,606.14	2,520.22	2,729.34	2,784.19	2,844.60	29,223.89
Seawater Barrier***	1,009.27	935.16	627.57	680.54	780.91	954.19	735.75	646.77	802.57	694.33	713.30	705.06	9,285.42
Total	16,588.00	17,405.05	16,681.14	16,132.67	14,500.88	14,033.26	14,235.68	11,793.51	13,950.70	15,105.37	16,974.30	16,635.44	184,036.00

*Source: WBMWD Database for groundwater production (inside service area only and pumping from Central Basin).

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

***Includes imported sales to WRD-West Coast Barrier and Dominguez Gap.

10-Year Average Total Water Use



*Source: WBMWD Database for groundwater production (inside service area only and pumping from Central Basin).

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

***Includes imported sales to WRD-West Coast Barrier and Dominguez Gap.

California American Water Company

FY 2013-14 Total Water Use

California American Water Company
8657 Grand Ave.
Rosemead, CA 91770

2014 Capacity Reservation Charge (cfs)*

2011 = 4.1
2012 = 6.4
2013 = 2.5

Peak = 6.4

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Garry Hofer, Operations Manager
Office: (626) 614-2511

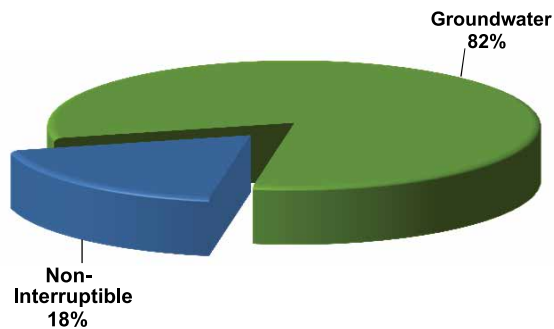
Imported Connections

WB-22
WB-27

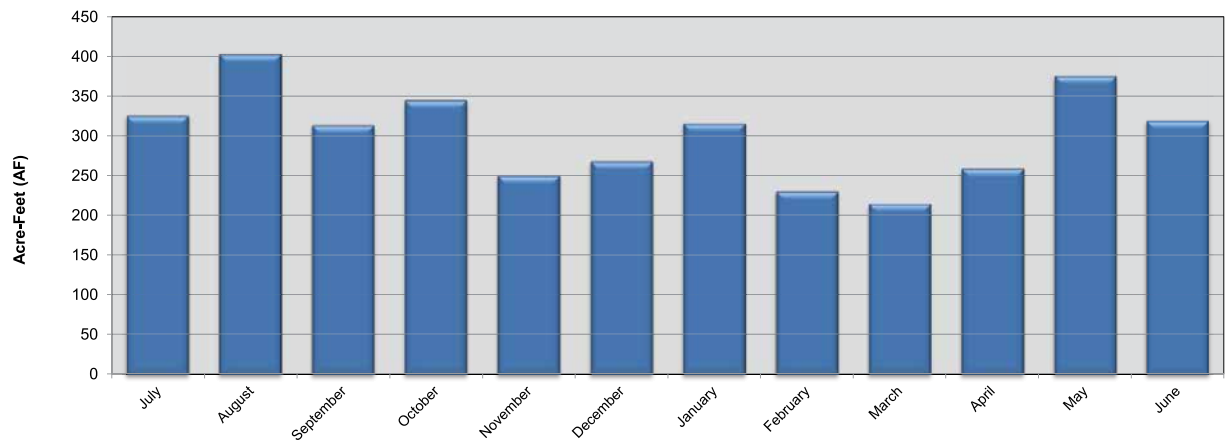
Adjudicated Water Rights

2,067 AF

Sources of Water Supplies



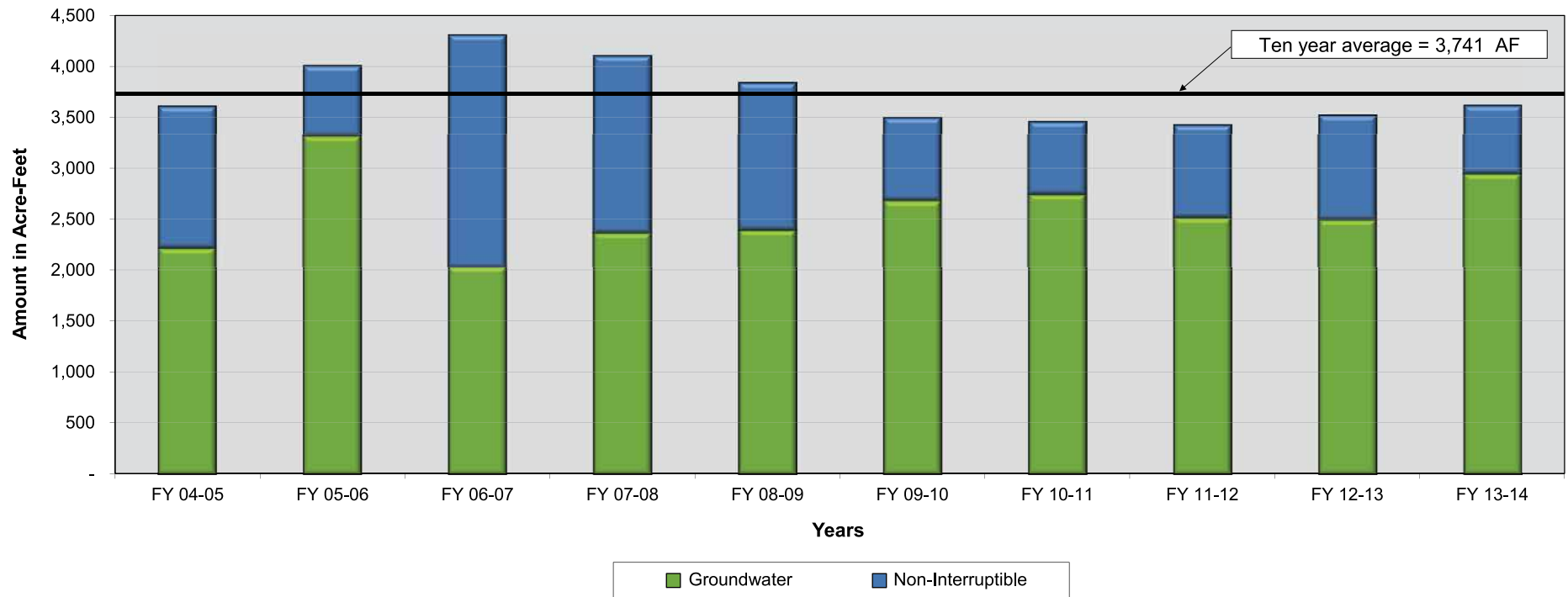
Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	231.07	309.33	241.92	303.06	220.45	226.01	241.84	189.75	212.30	238.27	301.73	237.00	2,952.73
Non-Interruptible	94.10	93.50	71.60	41.70	29.80	42.20	73.60	40.70	2.60	20.90	73.90	82.10	666.70
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	325.17	402.83	313.52	344.76	250.25	268.21	315.44	230.45	214.90	259.17	375.63	319.10	3,619.43

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

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	2,228.07	3,324.46	2,036.60	2,377.74	2,405.98	2,691.70	2,749.96	2,526.59	2,505.68	2,952.73	2,579.95
Non-Interruptible	1,383.80	681.80	2,271.90	1,725.30	1,435.80	808.80	711.80	901.80	1,019.00	666.70	1,160.67
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	3,611.87	4,006.26	4,308.50	4,103.04	3,841.78	3,500.50	3,461.76	3,428.39	3,524.68	3,619.43	3,740.62

California Water Service Company – Dominguez

FY 2013-14 Total Water Use

California Water Service Company- Dominguez
2632 West 237th Street
Torrance, CA 90505-5272

Contact: Mr. Dan Trejo, Interim District Manager
Office: (310) 257-1425
Fax: (310) 326-6327

2014 Capacity Reservation Charge (cfs)*

2011 = 44.8
2012 = 46.6
2013 = 56.4

Peak = 56.4

*Note: The 2014 CRC is the highest daily average flow for the past three years.

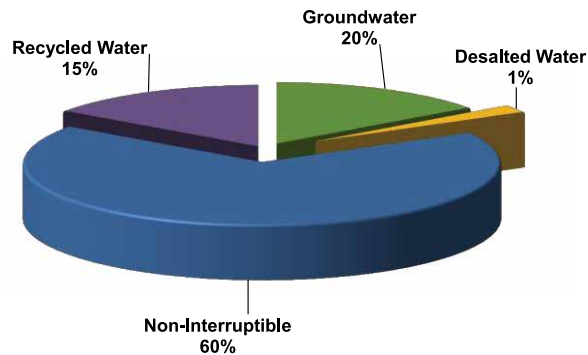
Imported Connections

WB-9 WB-21
WB-10 WB-35
WB-14 WB-36
WB-19 WB-39

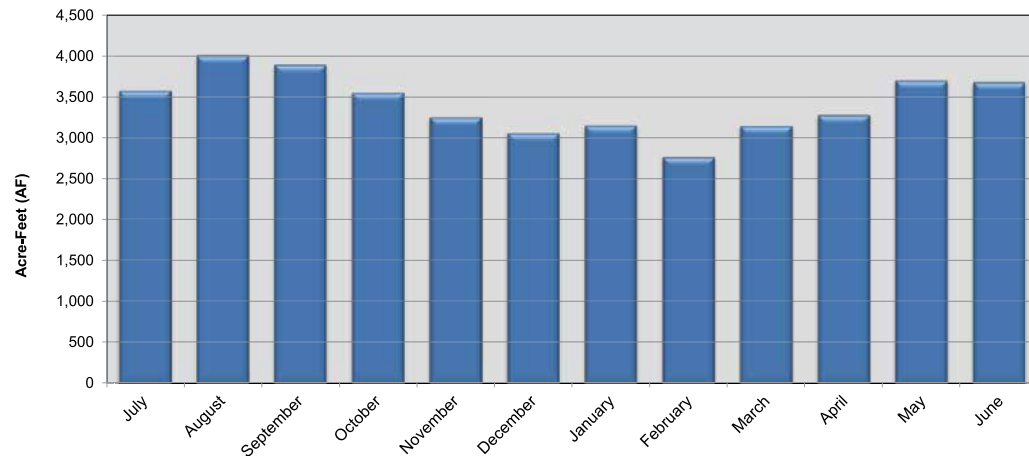
Adjudicated Water Rights

10,417 AF

Sources of Water Supplies



Imported Water Usage

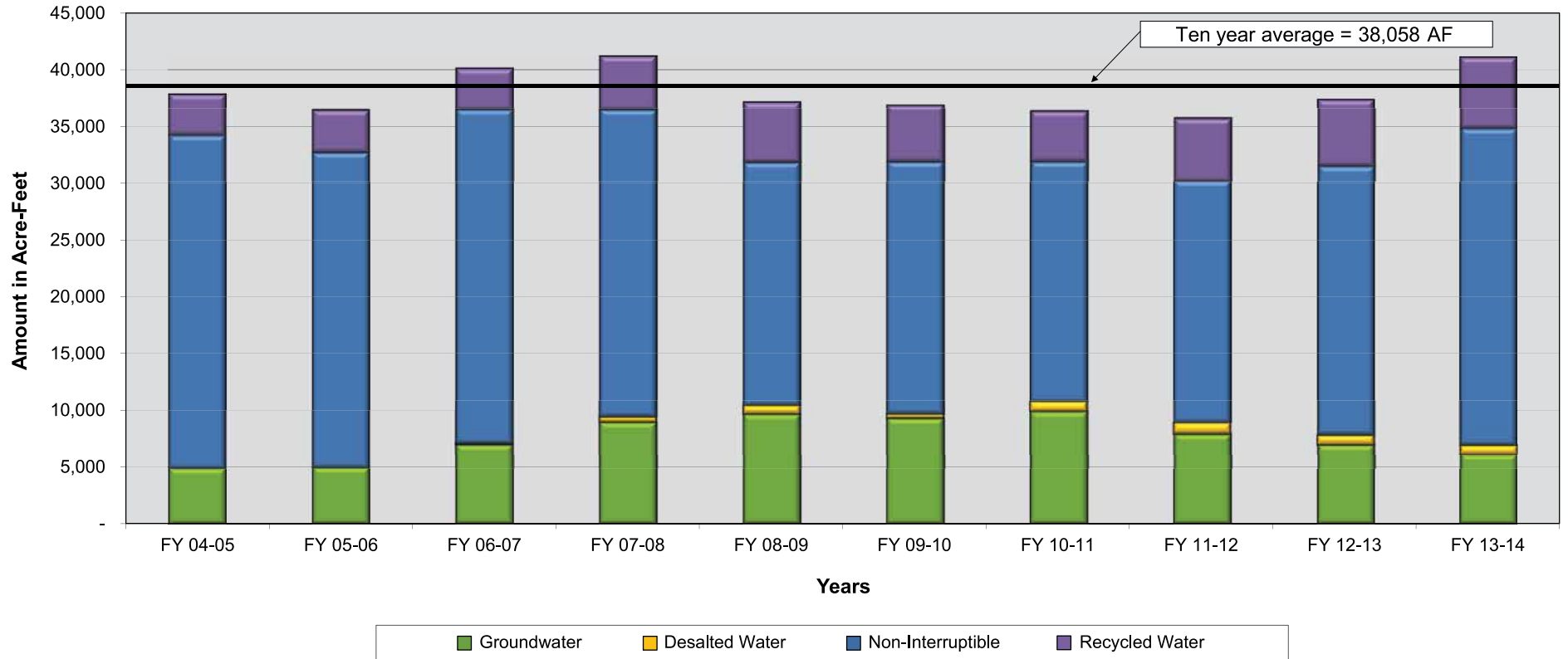


Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	547.68	483.49	492.12	581.13	575.60	626.12	542.82	420.34	419.19	459.49	525.04	510.46	6,183.48
Desalted Water**	89.50	85.20	62.30	84.50	86.40	83.00	87.00	22.60	80.10	81.70	34.80	19.40	816.50
Non-Interruptible	2,421.50	2,871.00	2,784.60	2,398.00	2,072.20	1,946.50	2,023.40	1,870.40	2,140.90	2,228.40	2,600.50	2,513.10	27,870.50
Recycled Water	522.16	571.22	560.07	493.70	521.00	408.17	503.01	458.32	509.51	513.31	543.78	640.61	6,244.86
Total	3,580.84	4,010.91	3,899.09	3,557.33	3,255.20	3,063.79	3,156.23	2,771.66	3,149.70	3,282.90	3,704.12	3,683.57	41,115.34

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

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

10-Year Average Total Water Use



Type of Water Supply*	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	4,912.07	4,992.43	7,069.66	8,962.43	9,666.29	9,297.84	9,885.16	7,958.57	7,049.81	6,183.48	7,597.77
Desalted Water	-	-	88.60	467.37	770.70	371.90	881.60	958.30	825.30	816.50	518.03
Non-Interruptible	29,378.90	27,804.70	29,372.00	27,094.80	21,482.80	22,309.70	21,226.00	21,320.40	23,729.70	27,870.50	25,158.95
Recycled Water	3,615.50	3,665.49	3,610.23	4,690.03	5,292.89	4,958.66	4,391.87	5,521.95	5,841.15	6,244.86	4,783.26
Total	37,906.47	36,462.62	40,140.49	41,214.63	37,212.68	36,938.10	36,384.63	35,759.22	37,445.96	41,115.34	38,058.01

*California Water Service merged with Dominguez Water Company in mid-2000 and renamed Dominguez Water Co. as California Water Service Company- Dominguez District.

California Water Service Company – Hawthorne

FY 2013-14 Total Water Use

California Water Service Company- Hawthorne
2632 West 237th Street
Torrance, CA 90505-5272

2014 Capacity Reservation Charge (cfs)*

2011 = 7.9
2012 = 7.8
2013 = 7.1
Peak = 7.9

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Dan Trejo, Interim District Manager

Office: (310) 257-1425

Fax: (310) 326-6327

Imported Connections

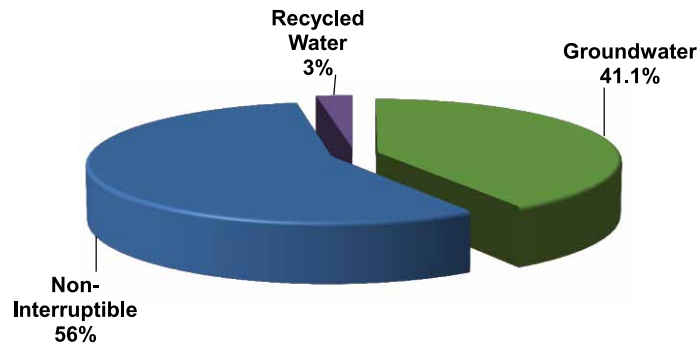
WB-18

WB-20

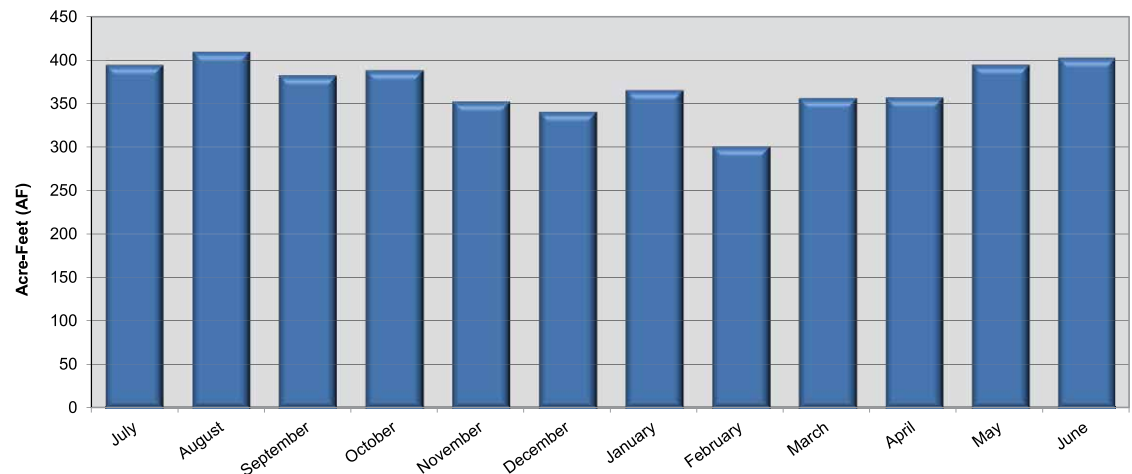
Adjudicated Water Rights

1,882 (Adjudicated water rights for the City of Hawthorne)

Sources of Water Supplies

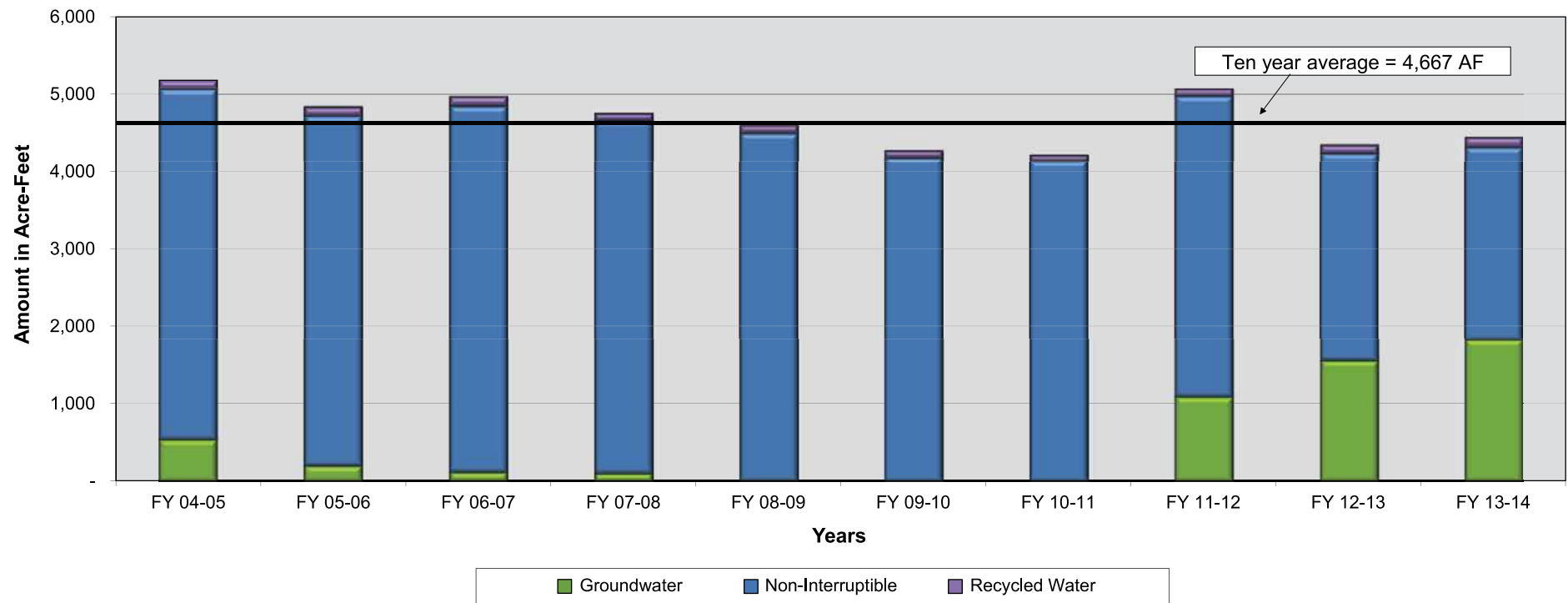


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	162.13	153.29	159.85	148.53	141.32	160.47	143.98	144.75	157.80	135.19	154.87	162.28	1,824.46
Non-Interruptible	218.60	240.20	206.80	227.80	200.80	175.10	213.80	152.20	194.20	215.60	228.10	226.10	2,499.30
Recycled Water	13.38	15.84	15.45	11.55	10.00	4.87	7.59	3.71	3.87	6.16	11.45	13.83	117.70
Total	394.11	409.33	382.10	387.88	352.12	340.44	365.37	300.66	355.87	356.95	394.42	402.21	4,441.46

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	539.30	207.84	123.09	110.04	8.21	0.92	3.07	1,089.43	1,553.63	1,824.46	546.00
Non-Interruptible	4,526.80	4,514.10	4,723.30	4,554.10	4,488.80	4,186.10	4,137.20	3,883.20	2,689.40	2,499.30	4,020.23
Recycled Water	110.64	111.04	117.72	84.79	98.61	90.38	79.20	89.65	107.65	117.70	100.74
Total	5,176.74	4,832.98	4,964.11	4,748.93	4,595.62	4,277.40	4,219.47	5,062.28	4,350.68	4,441.46	4,666.97

California Water Service Company – Hermosa Redondo

FY 2013-14 Total Water Use

California Water Service Company- Hermosa Redondo
2632 West 237th Street
Torrance, CA 90505-5272

2014 Capacity Reservation Charge (cfs)*

2011 = 22.4

2012 = 21.3

2013 = 21.1

Peak = 22.4

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Dan Trejo, Interim District Manager

Office: (310) 257-1425

Fax: (310) 326-6327

Imported Connections

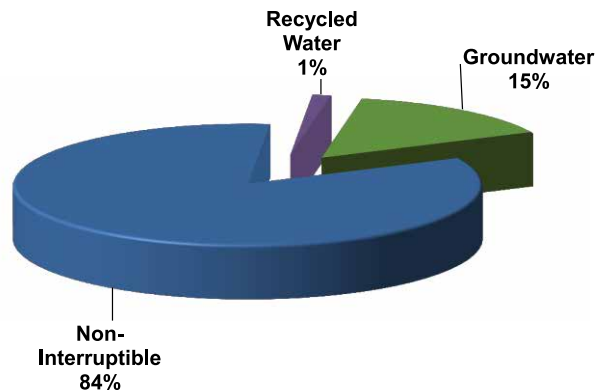
WB-2B

WB-5

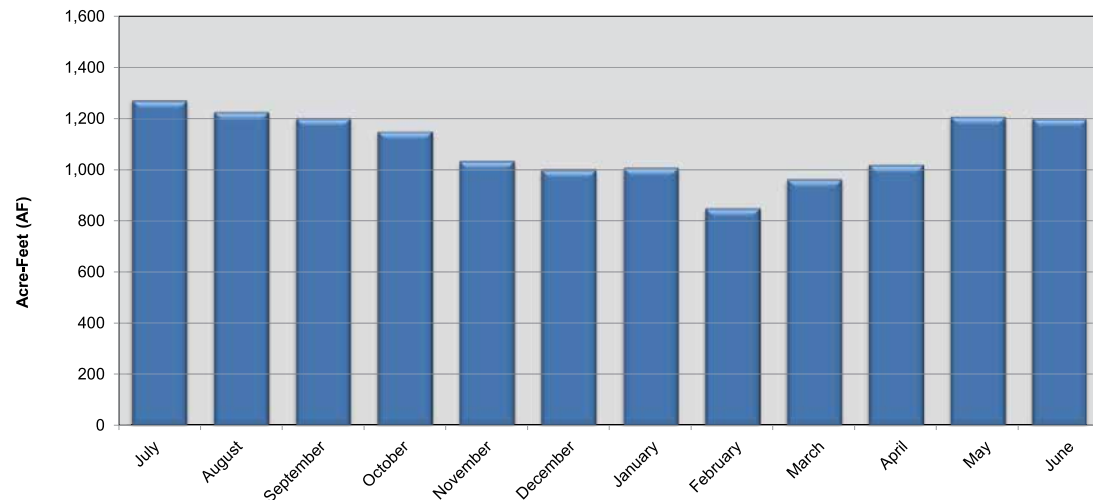
Adjudicated Water Rights

4,070 AF

Sources of Water Supplies

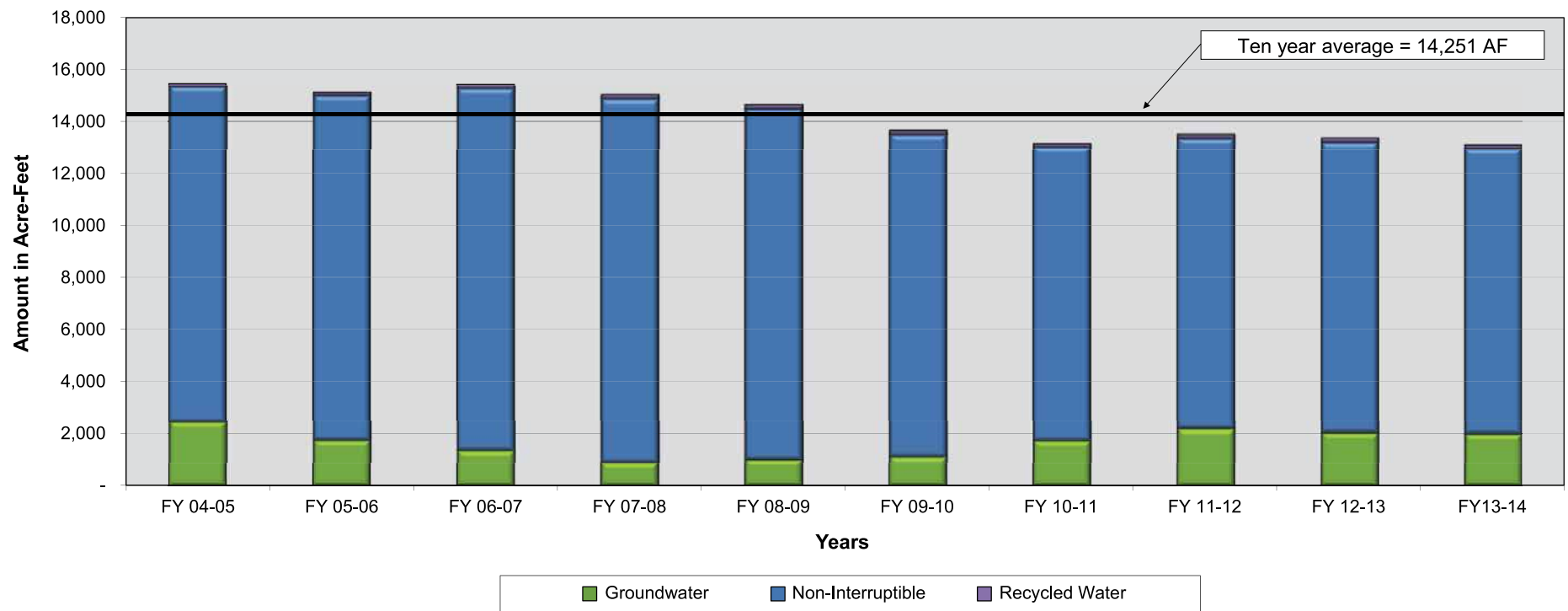


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	176.07	178.08	171.13	179.52	123.77	182.63	176.83	157.45	170.12	130.81	171.77	174.45	1,992.63
Non-Interruptible	1,075.10	1,027.70	1,009.60	954.30	895.90	812.00	821.30	682.80	787.80	876.70	1,020.70	1,002.40	10,966.30
Recycled Water	19.73	19.81	20.51	16.22	14.58	5.25	9.58	8.35	4.57	11.53	14.76	22.49	167.38
Total	1,270.90	1,225.59	1,201.24	1,150.04	1,034.25	999.88	1,007.71	848.60	962.49	1,019.04	1,207.23	1,199.34	13,126.31

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	2,454.17	1,756.05	1,362.27	898.67	1,018.36	1,130.05	1,738.53	2,185.97	2,043.19	1,992.63	1,657.99
Non-Interruptible	12,888.30	13,239.50	13,907.10	13,970.90	13,470.90	12,392.50	11,295.20	11,194.70	11,182.40	10,966.30	12,450.78
Recycled Water	106.89	119.05	140.88	144.52	162.55	150.20	132.73	135.74	161.93	167.38	142.19
Total	15,449.36	15,114.60	15,410.25	15,014.09	14,651.81	13,672.75	13,166.46	13,516.41	13,387.52	13,126.31	14,250.96

California Water Service Company – Palos Verdes

FY 2013-14 Total Water Use

California Water Service Company- Palos Verdes
2632 West 237th Street
Torrance, CA 90505-5272

2014 Capacity Reservation Charge (cfs)*

2011 = 43.7

2012 = 46.2

2013 = 44.6

Peak= 46.2

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Dan Trejo, Interim District Manager

Office: (310) 257-1425

Fax: (310) 326-6327

Imported Connections

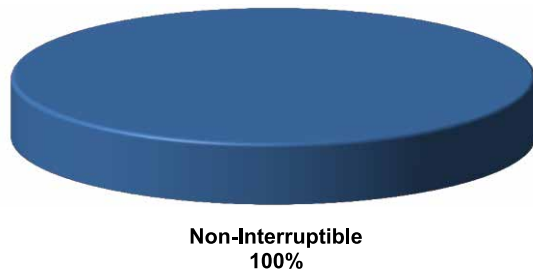
WB-6A

WB-6B

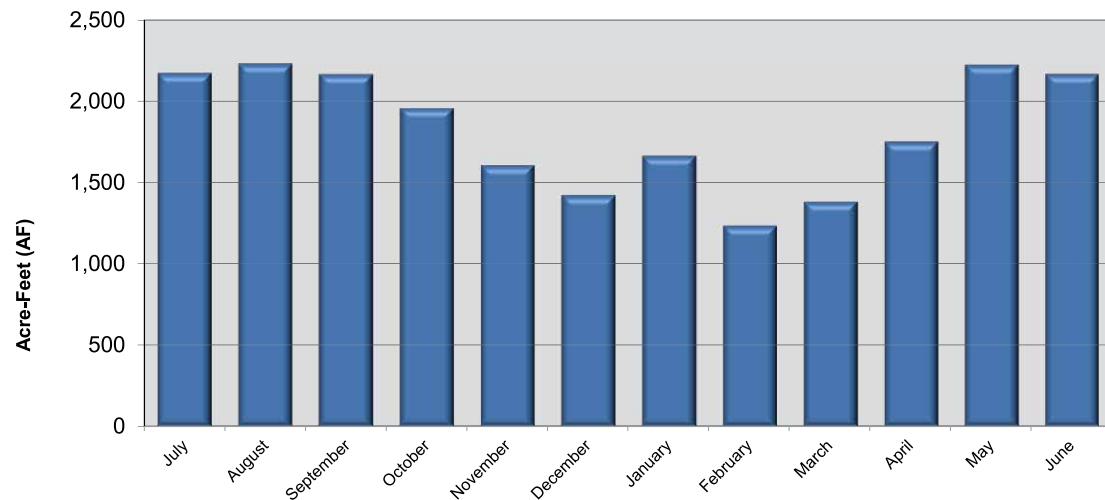
Adjudicated Water Rights

-

Sources of Water Supplies

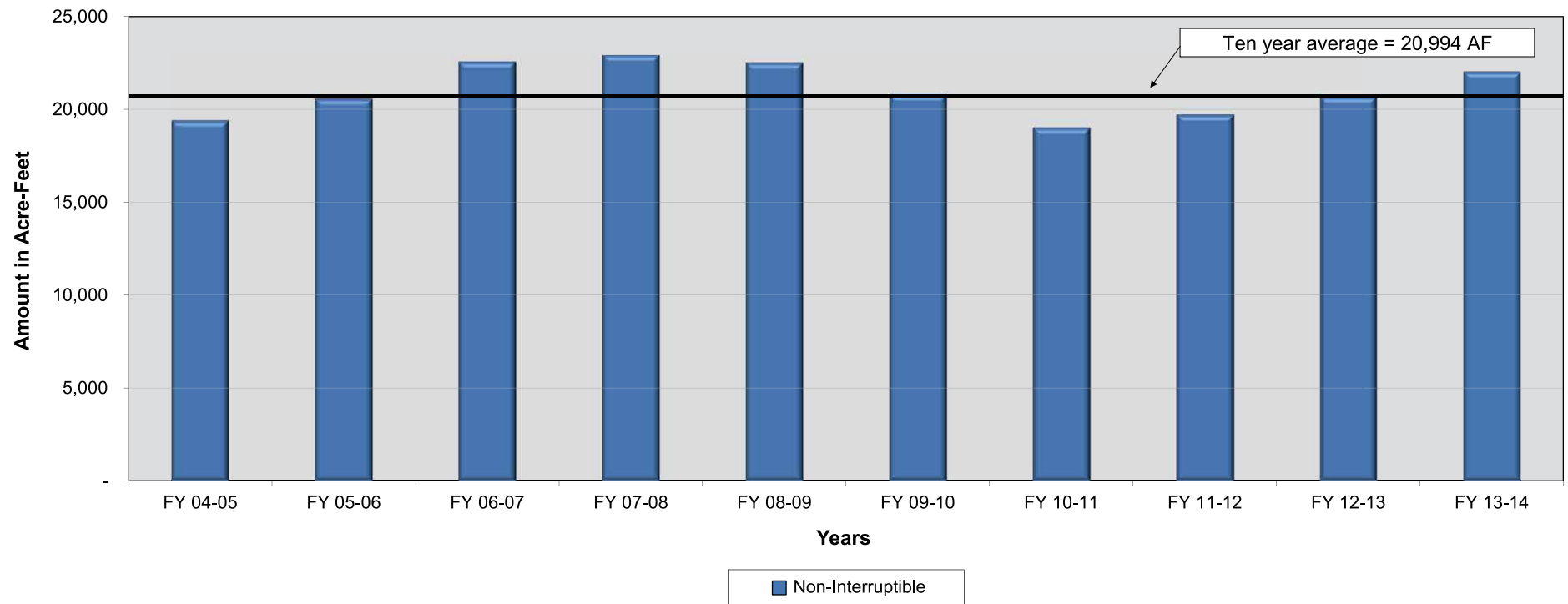


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	2,173.30	2,232.00	2,165.90	1,959.50	1,607.60	1,423.10	1,665.50	1,236.70	1,384.40	1,753.00	2,226.10	2,169.00	21,996.10
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2,173.30	2,232.00	2,165.90	1,959.50	1,607.60	1,423.10	1,665.50	1,236.70	1,384.40	1,753.00	2,226.10	2,169.00	21,996.10

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	19,370.90	20,544.80	22,538.40	22,910.50	22,485.30	20,765.00	18,983.50	19,693.20	20,647.30	21,996.10	20,993.50
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	19,370.90	20,544.80	22,538.40	22,910.50	22,485.30	20,765.00	18,983.50	19,693.20	20,647.30	21,996.10	20,993.50

City of El Segundo

FY 2013-14 Total Water Use

City of El Segundo
350 Main Street
El Segundo, CA 90245-3895

2014 Capacity Reservation Charge (cfs)*

2011 = 18.2
2012 = 24.5
2013 = 10.7

Peak = 24.5

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Ms. Stephanie Katsouleas, Public Works Director

Office: (310) 524-2356

Fax: (310) 640-0489

Imported Connections

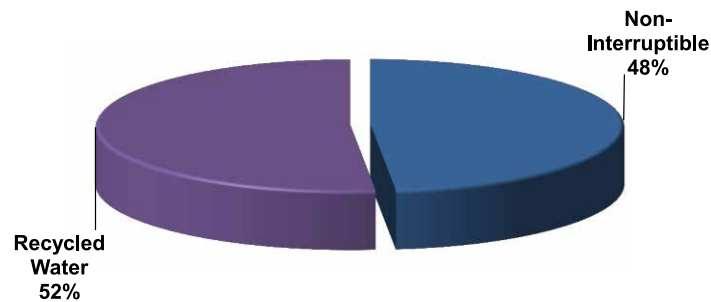
WB-03

WB-28

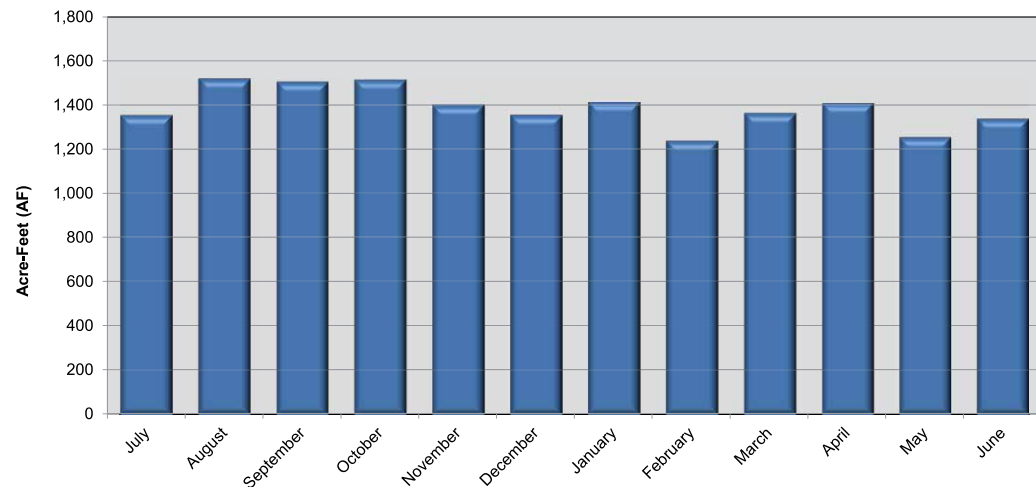
Adjudicated Water Rights

953 AF

Sources of Water Supplies

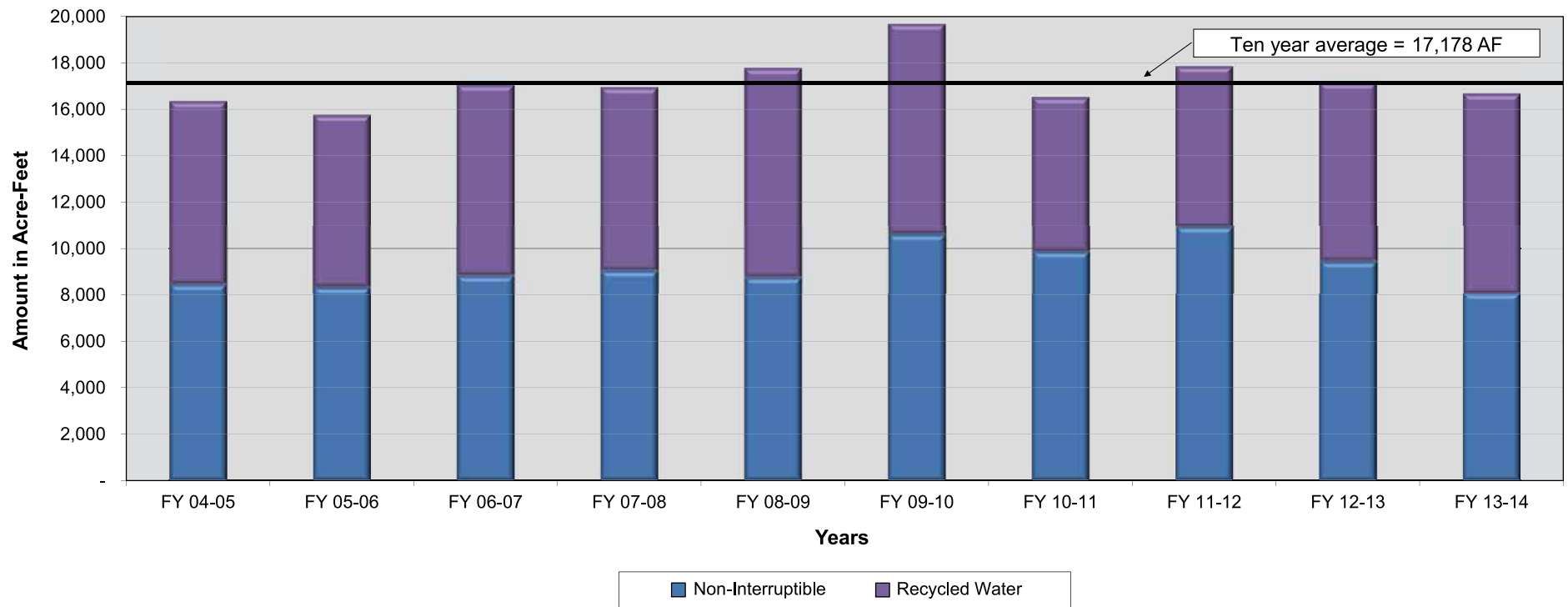


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	734.83	818.34	781.93	761.96	686.69	644.31	637.25	555.03	565.43	619.27	631.40	638.54	8,074.98
Recycled Water	621.49	703.41	725.58	755.68	715.40	713.07	778.29	684.27	800.98	791.59	624.65	701.7	8,616.11
Total	1,356.32	1,521.75	1,507.51	1,517.64	1,402.09	1,357.38	1,415.54	1,239.30	1,366.41	1,410.86	1,256.05	1,340.24	16,691.09

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	8,491.91	8,362.64	8,861.42	9,084.93	8,794.73	10,631.62	9,884.74	10,960.53	9,479.08	8,074.98	9,262.66
Recycled Water	7,868.41	7,404.51	8,200.97	7,864.89	8,977.91	9,034.50	6,637.52	6,887.65	7,665.00	8,616.11	7,915.75
Total	16,360.32	15,767.15	17,062.39	16,949.82	17,772.64	19,666.12	16,522.26	17,848.18	17,144.08	16,691.09	17,178.41

FY 2013-14 Total Water Use

City of Inglewood
One Manchester Blvd
Inglewood, CA 90301

2014 Capacity Reservation Charge (cfs)*

2011 = 15.2

2012 = 14.5

2013 = 16.3

Peak = 16.3

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Louis Atwell, Public Works Director

Office: (310) 412-5333

Fax: (310) 412-5552

Imported Connections

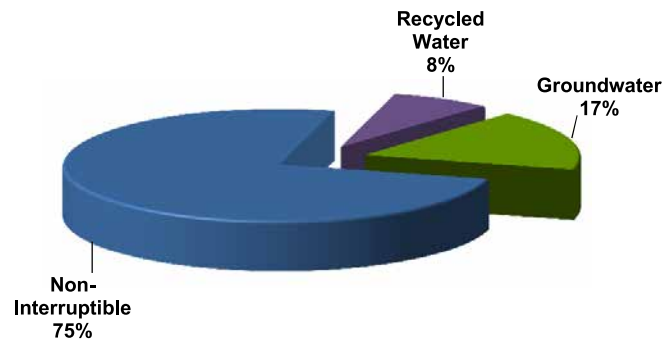
WB-17

WB-38

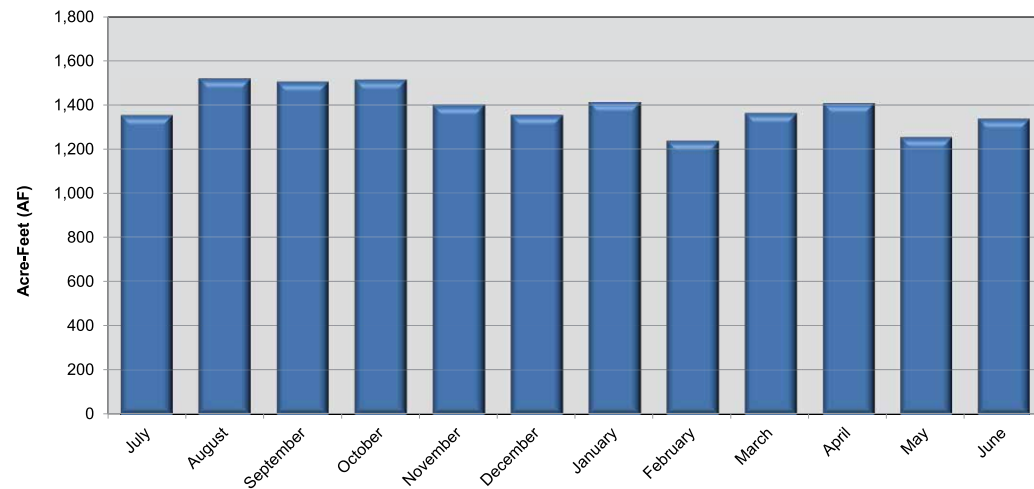
Adjudicated Water Rights

4,450 AF

Sources of Water Supplies

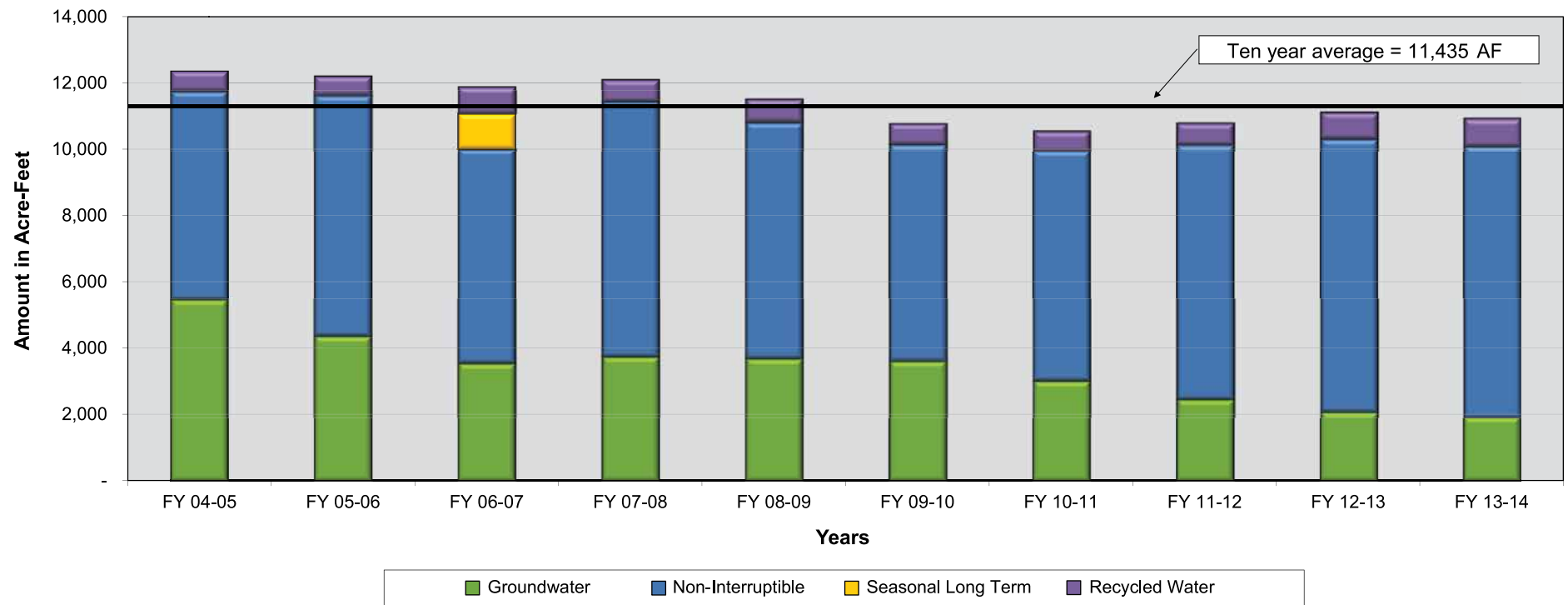


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	178.60	148.73	188.27	188.78	177.83	161.73	163.17	130.81	154.47	130.10	142.64	145.84	1,910.97
Non-Interruptible	776.90	816.10	721.10	714.60	629.00	627.90	656.20	548.80	601.80	644.00	741.70	722.60	8,200.70
Recycled Water	114.21	108.12	94.81	69.79	36.23	13.00	52.79	19.90	33.11	76.38	103.96	104.90	827.20
Total	1,069.71	1,072.95	1,004.18	973.17	843.06	802.63	872.16	699.51	789.38	850.48	988.30	973.34	10,938.87

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	5,461.95	4,377.27	3,551.28	3,751.00	3,695.39	3,622.15	3,020.34	2,475.53	2,096.78	1,910.97	3,396.27
Non-Interruptible	6,289.50	7,248.30	6,464.80	7,688.70	7,136.80	6,551.80	6,938.50	7,684.90	8,237.90	8,200.70	7,244.19
Seasonal Long Term	-	-	1,062.30	-	-	-	-	-	-	-	118.03
Recycled Water	594.53	568.00	797.06	649.96	679.84	621.30	606.42	641.55	782.53	827.20	676.84
Total	12,345.98	12,193.57	11,875.44	12,089.66	11,512.03	10,795.25	10,565.26	10,801.98	11,117.21	10,938.87	11,435.33

Los Angeles County Waterworks District 29 & Marina Del Rey

FY 2013-14 Total Water Use

Los Angeles County Waterworks District 29 & Marina Del Rey
900 S. Fremont Ave
Alhambra, CA 91803

2014 Capacity Reservation Charge (cfs)*

2011 = 18.4

2012 = 17.7

2013 = 18.1

Peak = 18.4

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Dave Rydman, Water Resources Manager

Office: (626) 300-3351

Fax: (626) 300-3385

Imported Connections

WB-26A

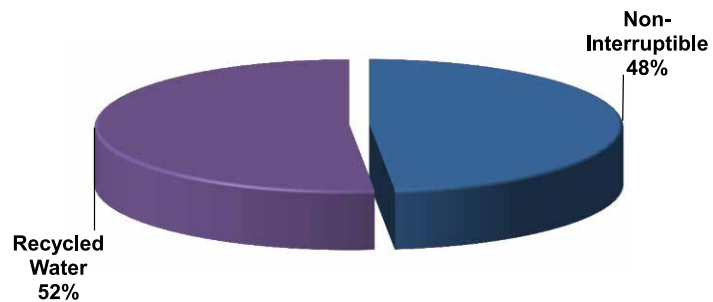
WB-26B

WB-26C

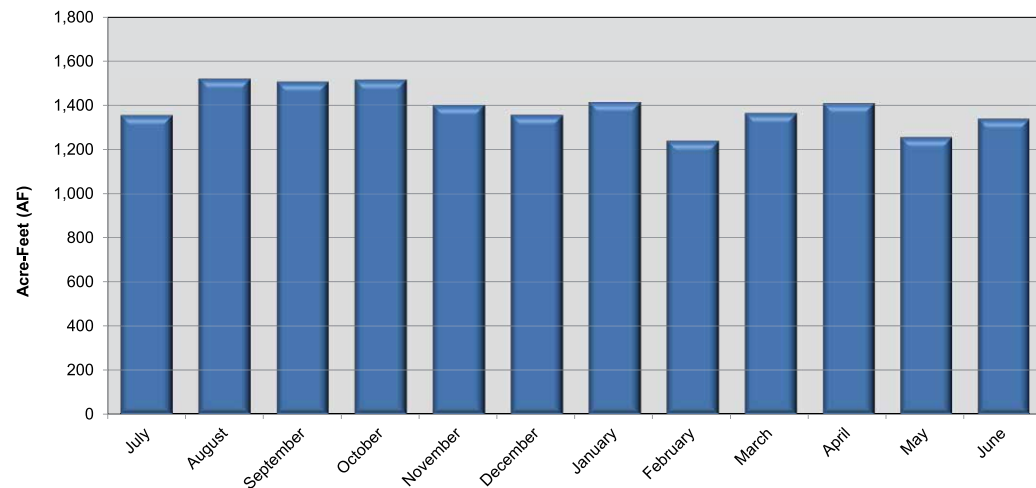
Adjudicated Water Rights

-

Sources of Water Supplies

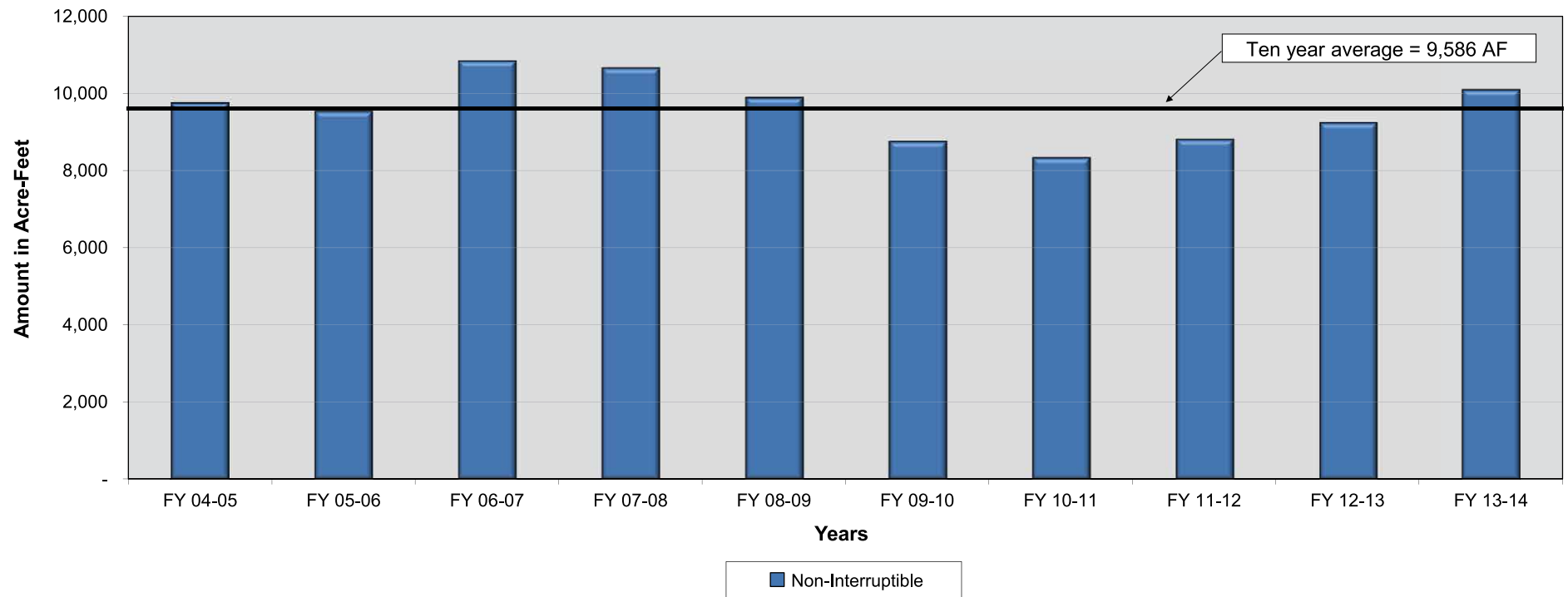


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	951.10	971.10	943.00	889.60	772.80	729.10	800.30	626.50	672.30	784.70	995.40	953.60	10,089.50
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	951.10	971.10	943.00	889.60	772.80	729.10	800.30	626.50	672.30	784.70	995.40	953.60	10,089.50

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	9,747.50	9,532.90	10,835.90	10,653.70	9,886.00	8,749.60	8,330.70	8,802.40	9,234.30	10,089.50	9,586.25
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	9,747.50	9,532.90	10,835.90	10,653.70	9,886.00	8,749.60	8,330.70	8,802.40	9,234.30	10,089.50	9,586.25

FY 2013-14 Total Water Use

City of Lomita
P.O. Box 339
Lomita, CA 90717

2014 Capacity Reservation Charge (cfs)*

2011 = 5.6
2012 = 4.5
2013 = 5.1

Peak = 5.6

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Tom Shahbazi, Public Works Director

Office: (310) 325-9830

Fax: (310) 325-4025

Imported Connections

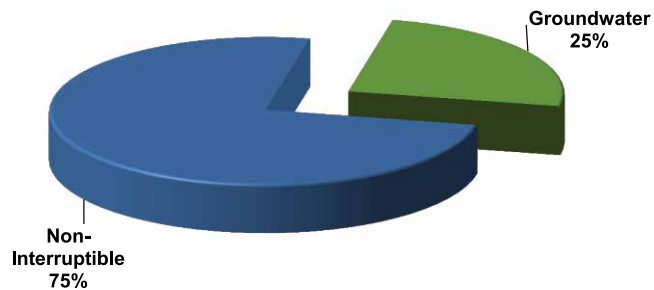
WB-07

WB-08

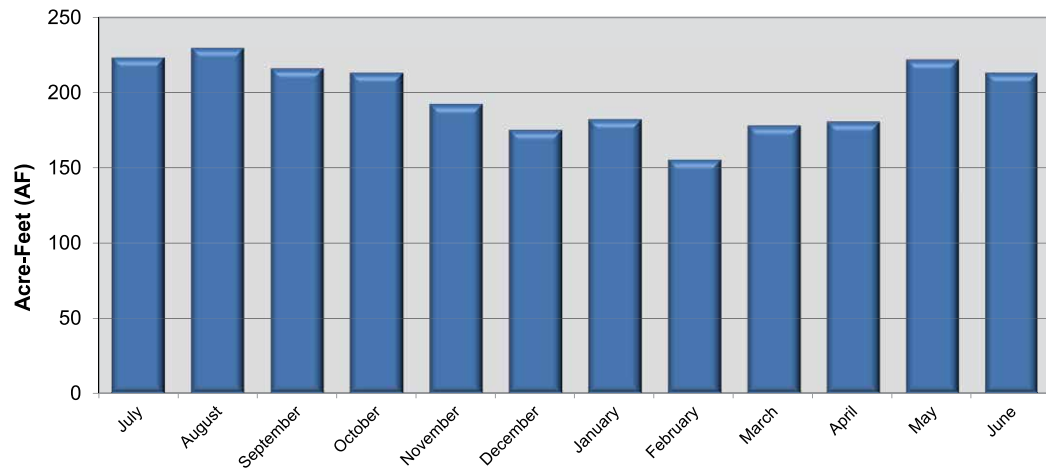
Adjudicated Water Rights

1,352 AF

Sources of Water Supplies

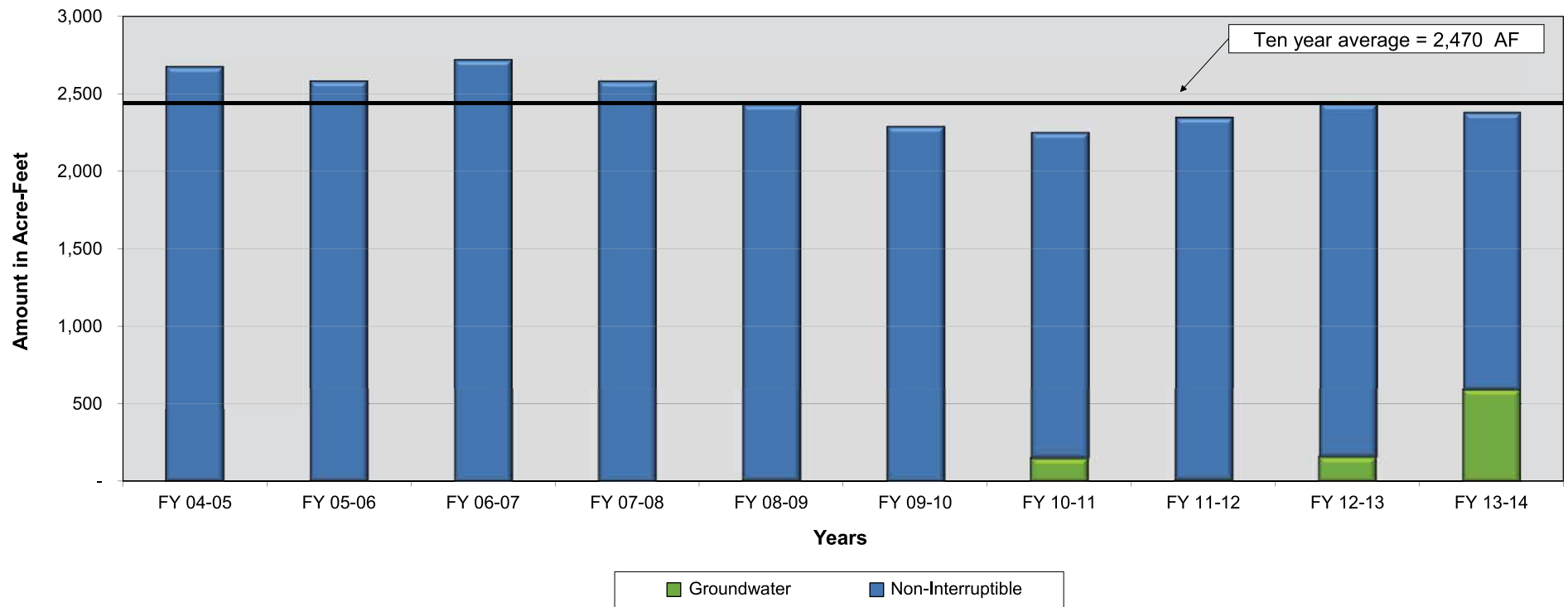


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	53.21	60.47	57.74	16.68	44.72	52.73	46.49	41.44	46.82	46.50	59.79	65.78	592.37
Non-Interruptible	169.90	169.20	158.10	196.40	147.50	122.30	135.70	114.00	131.30	134.10	161.90	147.30	1,787.70
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	223.11	229.67	215.84	213.08	192.22	175.03	182.19	155.44	178.12	180.60	221.69	213.08	2,380.07

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	-	7.62	-	-	11.60	-	154.66	12.81	161.79	592.37	94.09
Non-Interruptible	2,676.40	2,575.50	2,720.00	2,582.50	2,420.30	2,290.30	2,096.20	2,336.00	2,275.00	1,787.70	2,375.99
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	2,676.40	2,583.12	2,720.00	2,582.50	2,431.90	2,290.30	2,250.86	2,348.81	2,436.79	2,380.07	2,470.08

City of Manhattan Beach

FY 2013-14 Total Water Use

City of Manhattan Beach
3621 Bell Ave.
Manhattan Beach, CA 90266

2014 Capacity Reservation Charge (cfs)*

2011 = 9.7

2012 = 9.5

2013 = 9.8

Peak = 9.8

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Tony Olmos, Public Works Director

Office: (310) 802-5303

Fax: (310) 802-5301

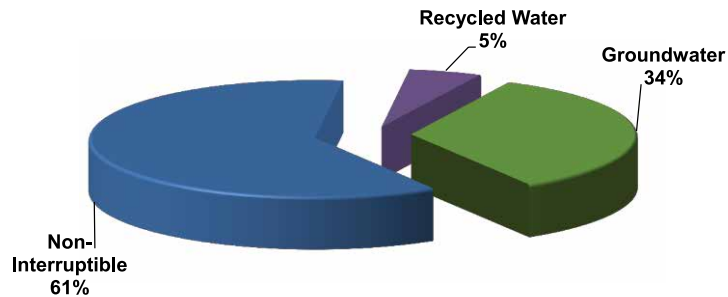
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WB-4

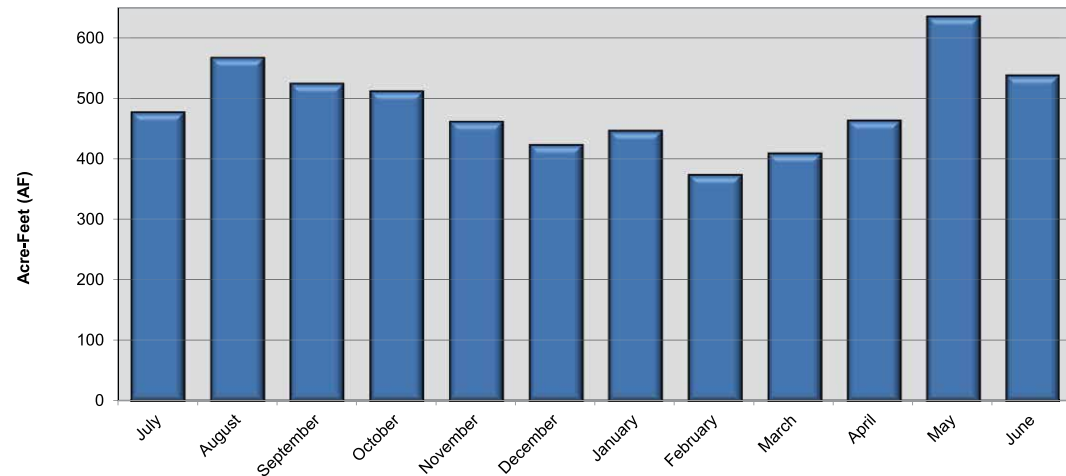
Adjudicated Water Rights

1,131 AF

Sources of Water Supplies

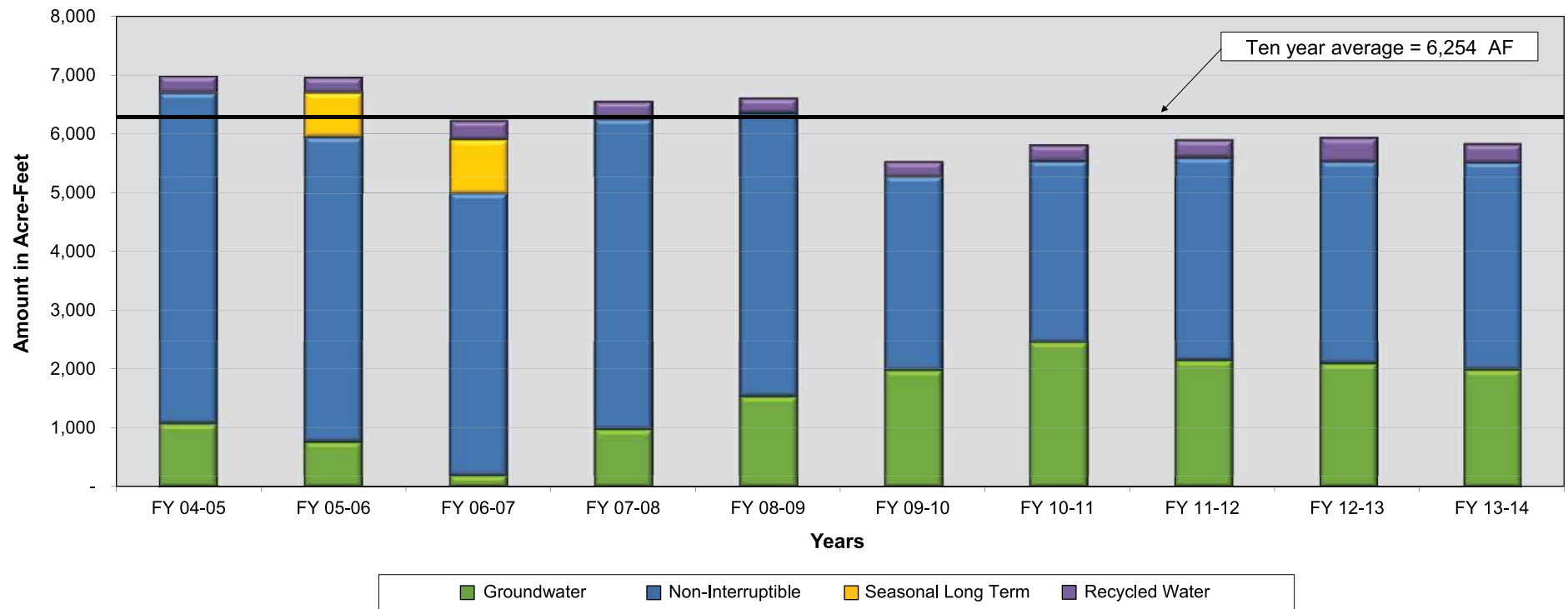


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	45.53	113.67	98.50	225.30	119.05	209.3	214.91	177.02	196.10	203.18	280.50	106.11	1,989.17
Non-Interruptible	414.70	415.10	394.00	258.20	318.20	199.80	214.10	180.10	204.00	235.80	312.70	397.50	3,544.20
Recycled Water	17.51	39.08	32.55	29.11	25.06	14.87	17.82	16.77	9.31	25.43	42.85	34.99	305.35
Total	477.74	567.85	525.05	512.61	462.31	423.97	446.83	373.89	409.41	464.41	636.05	538.60	5,838.72

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	1,079.13	769.92	194.11	983.66	1,534.08	1,978.56	2,460.11	2,147.87	2,095.72	1,989.17	1,523.23
Non-Interruptible	5,619.50	5,184.70	4,802.00	5,277.70	4,821.60	3,301.00	3,094.80	3,466.10	3,450.40	3,544.20	4,256.20
Seasonal Long Term	-	744.70	919.20	-	-	-	-	-	-	-	184.88
Recycled Water	273.63	249.48	316.25	287.93	251.37	264.00	263.93	290.65	396.42	305.35	289.90
Total	6,972.26	6,948.80	6,231.56	6,549.29	6,607.05	5,543.56	5,818.84	5,904.62	5,942.54	5,838.72	6,254.21

Golden State Water Company – Culver City

FY 2013-14 Total Water Use

Golden State Water Company - Culver City
1600 W. Redondo Beach Blvd., #101
Carson, CA 90746-1296

2014 Capacity Reservation Charge (cfs)*

2011 = 31.4

2012 = 34.6

2013 = 29.6

Peak = 34.6

*Note: The 2014 CRC is the highest daily average flow for the past three years.

*Note: The CRC shown is for GSWC Southwest District and Culver City combined.

Contact: Ms. Katherine Nutting, District Manager

Office: (310) 767-8200 ext 500

Fax: (310) 436-6065

Imported Connections

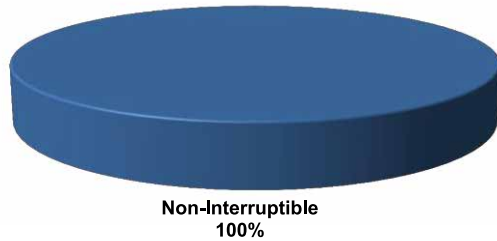
WB-23

WB-24

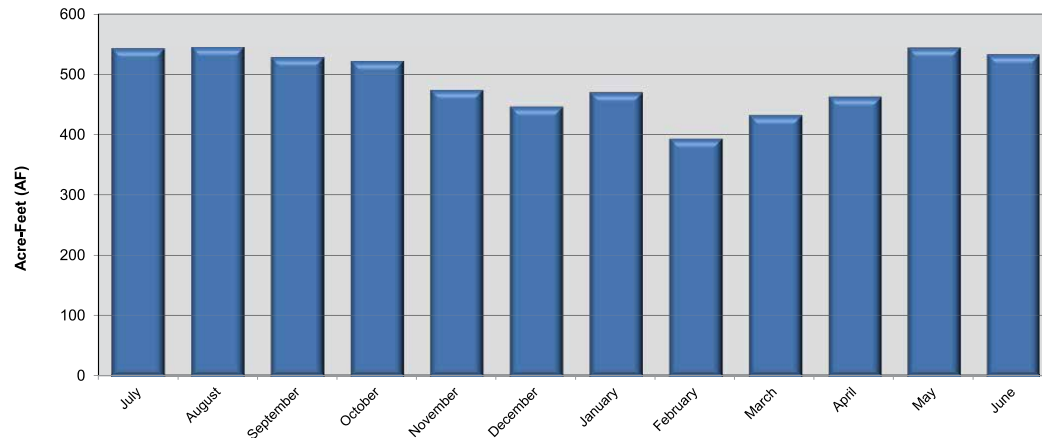
Adjudicated Water Rights

7,502 AF

Sources of Water Supplies

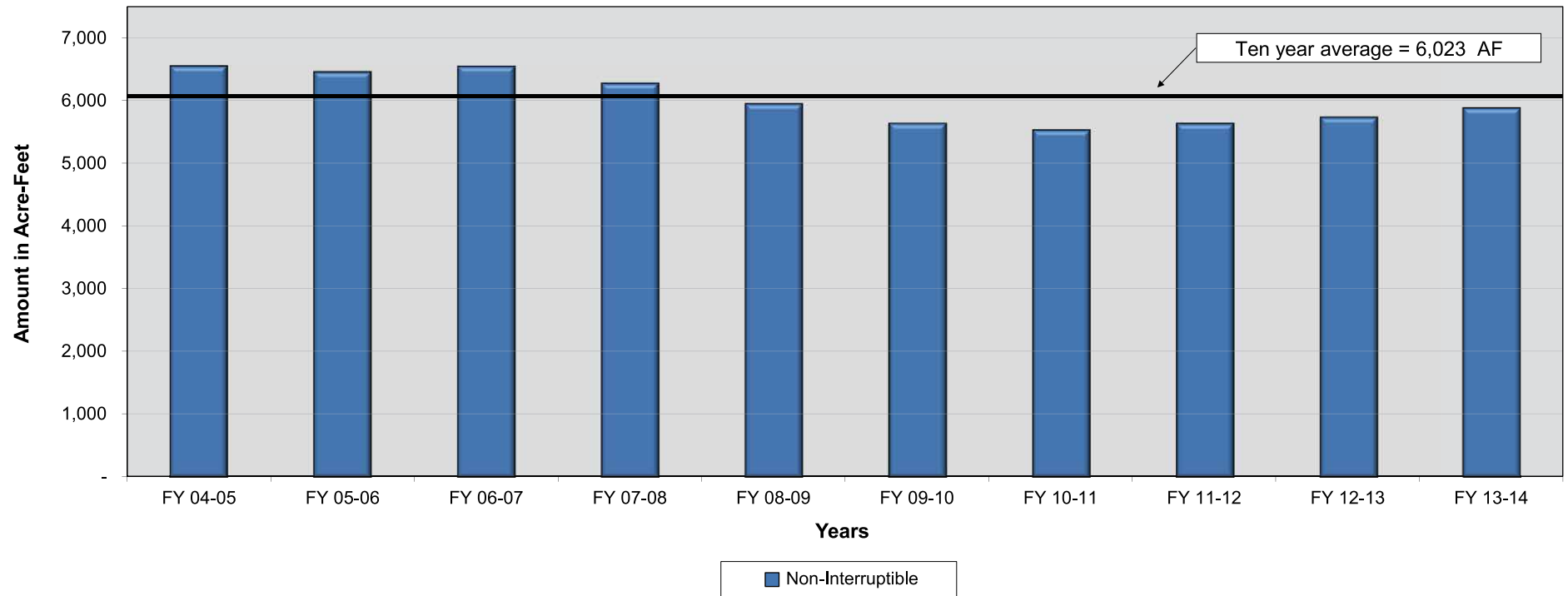


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	542.00	544.90	527.40	521.30	473.70	445.80	469.50	393.30	431.90	462.20	543.30	531.80	5,887.10
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	542.00	544.90	527.40	521.30	473.70	445.80	469.50	393.30	431.90	462.20	543.30	531.80	5,887.10

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	6,553.00	6,460.40	6,548.80	6,278.80	5,953.20	5,640.40	5,533.10	5,635.20	5,736.90	5,887.10	6,022.69
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	6,553.00	6,460.40	6,548.80	6,278.80	5,953.20	5,640.40	5,533.10	5,635.20	5,736.90	5,887.10	6,022.69

Golden State Water Company – Southwest District

FY 2013-14 Total Water Use

Golden State Water Company - Southwest District

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

2014 Capacity Reservation Charge (cfs)*

2011 = 31.4

2012 = 34.6

2013 = 29.6

Peak = 34.6

*Note: The 2014 CRC is the highest daily average flow for the past three years.

*Note: The CRC shown is for GSWC Southwest District and Culver City combined.

Contact: Ms. Katherine Nutting, District Manager

Office: (310) 767-8200 ext 500

Fax: (310) 436-6065

Imported Connections

WB-1 WB-15

WB-2A WB-25

WB-11 WB-30

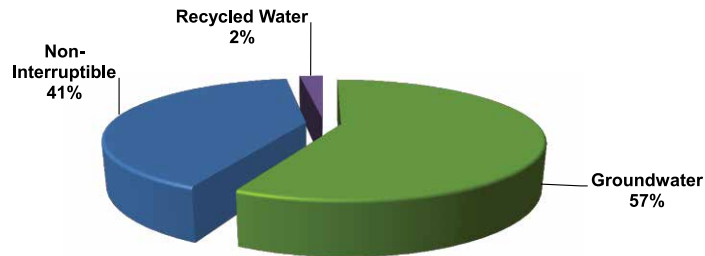
WB-12 WB-31

WB-13 WB-33

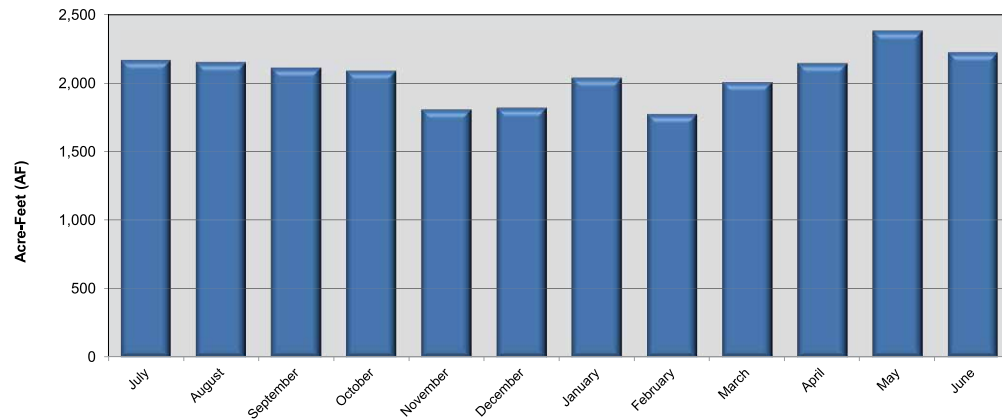
Adjudicated Water Rights

7,502 AF

Sources of Water Supplies

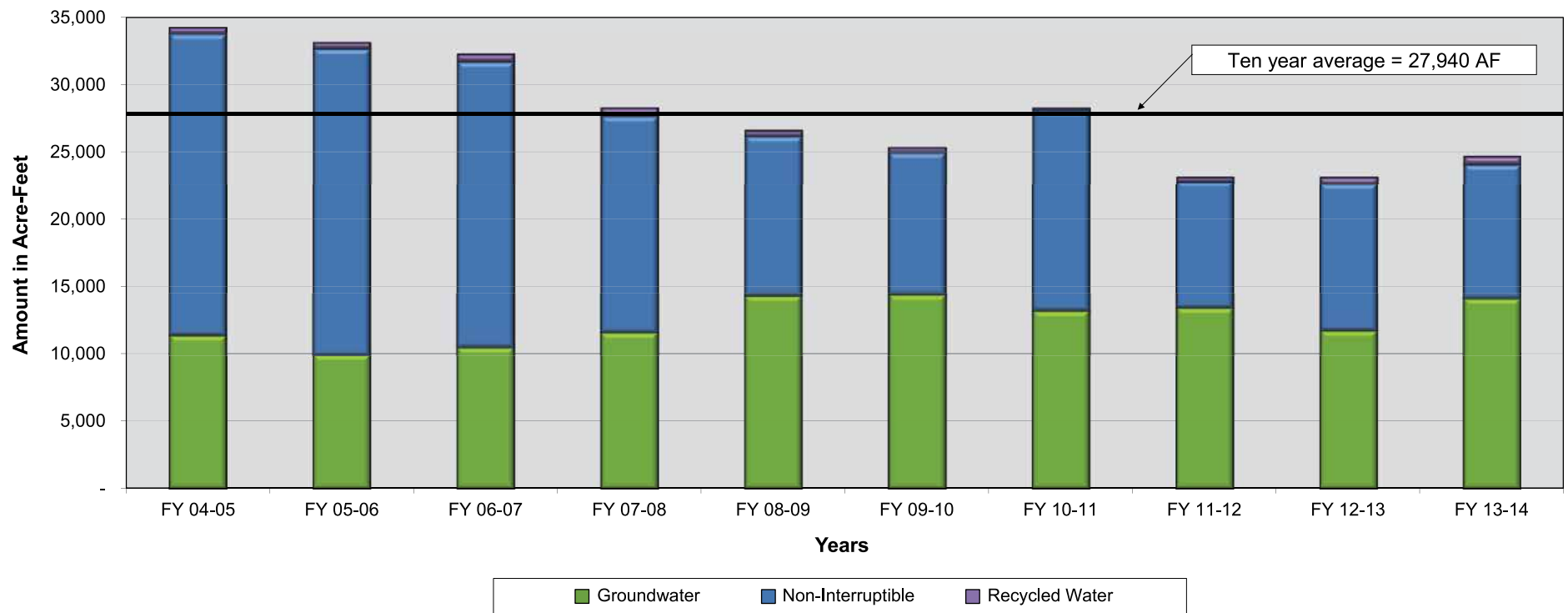


Imported Water Usage



Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	1,164.53	1,152.51	1,139.43	1,232.01	1,198.18	1,233.28	1,157.31	1,014.59	1,218.20	1,182.64	1,233.34	1,194.01	14,120.03
Non-Interruptible	944.10	932.70	895.90	807.00	571.80	571.70	863.50	750.20	756.40	927.70	1,068.10	957.00	10,046.10
Recycled Water	60.53	66.86	77.17	53.85	39.77	17.64	20.04	10.82	34.67	35.34	82.14	74.38	573.21
Total	2,169.16	2,152.07	2,112.50	2,092.86	1,809.75	1,822.62	2,040.85	1,775.61	2,009.27	2,145.68	2,383.58	2,225.39	24,739.34

10-Year Average Total Water Use



Type of Water Supply	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Ten Year Averages
Groundwater	11,416.11	9,899.49	10,540.24	11,638.10	14,334.55	14,408.21	13,213.43	13,434.33	11,785.47	14,120.03	12,479.00
Non-Interruptible	22,388.90	22,799.90	21,198.70	16,103.40	11,917.00	10,634.10	14,919.70	9,430.50	10,868.30	10,046.10	15,030.66
Recycled Water	434.84	429.41	522.75	552.42	410.00	360.07	147.50	333.42	537.58	573.21	430.12
Total	34,239.85	33,128.80	32,261.69	28,293.92	26,661.55	25,402.38	28,280.63	23,198.25	23,191.35	24,739.34	27,939.78

Water Replenishment District of Southern California

FY 2013-14 Total Water Use

Water Replenishment District of Southern California
4040 Paramount Blvd
Lakewood, CA 90712

2014 Capacity Reservation Charge (cfs)*

2011 = 46.8

2012 = 18.4

2013 = 48.5

Peak = 48.5

*Note: The 2014 CRC is the highest daily average flow for the past three years.

Contact: Mr. Robb Whitaker, General Manager

Office: (562) 275-4220

Fax: (562) 275-4270

Imported Connections

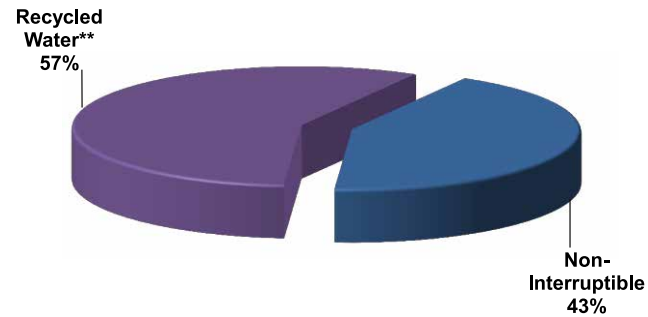
WB-28

WB-37

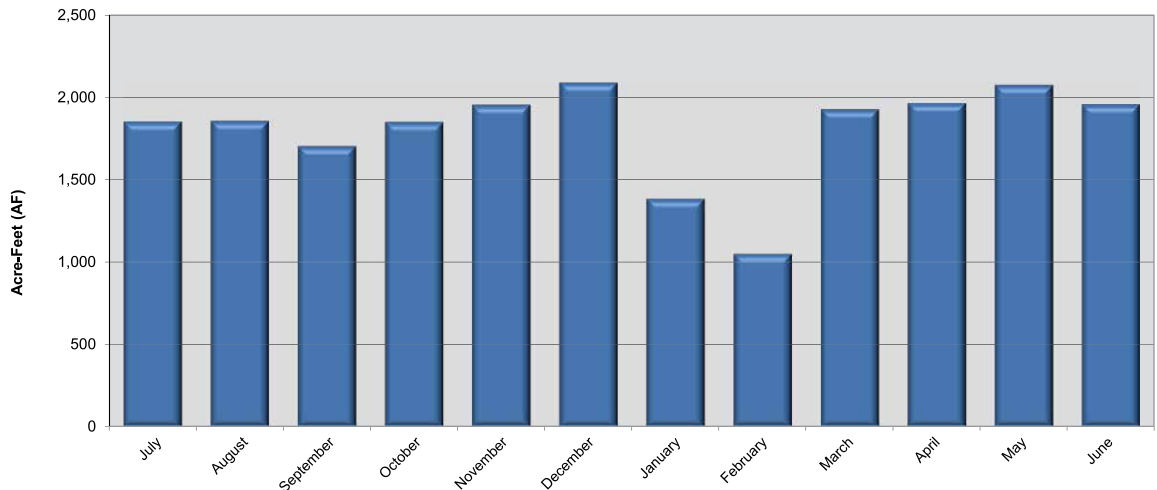
Adjudicated Water Rights

-

Sources of Water Supplies



Barrier Imported Water Usage

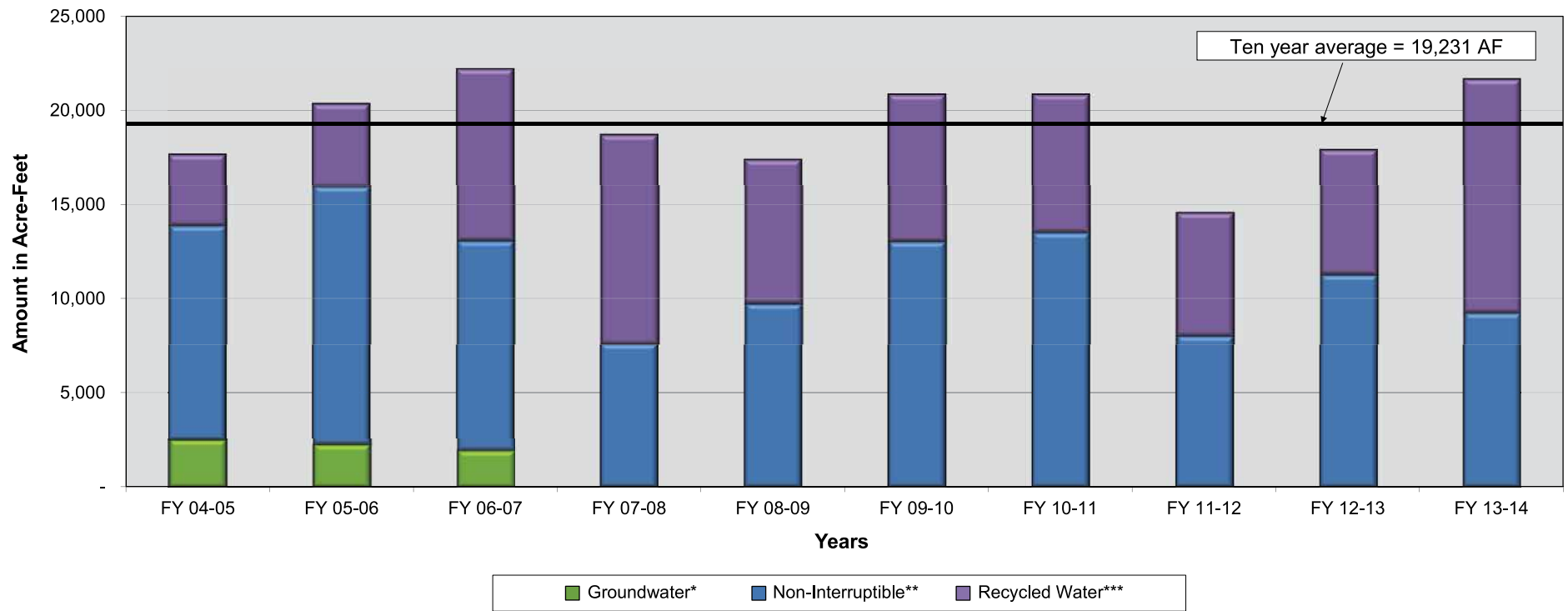


Type of Water Supply	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	1,009.27	935.16	627.57	680.54	780.91	954.19	735.75	646.77	802.57	694.33	713.30	705.06	9,285.42
Recycled Water**	842.60	921.20	1,074.78	1,168.00	1,172.10	1,134.70	648.60	404.00	1,124.20	1,269.60	1,360.60	1,251.70	12,372.08
Total	1,851.87	1,856.36	1,702.35	1,848.54	1,953.01	2,088.89	1,384.35	1,050.77	1,926.77	1,963.93	2,073.90	1,956.76	21,657.50

*Groundwater usage is part of the Goldsworthy Desalter project.

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

10-Year Average Total Water Use



*Groundwater purchased is for the WRD Goldsworthy Desalter.

**Non-Interruptible water purchased is for the West Coast and Dominguez Gap Seawater Barriers.

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

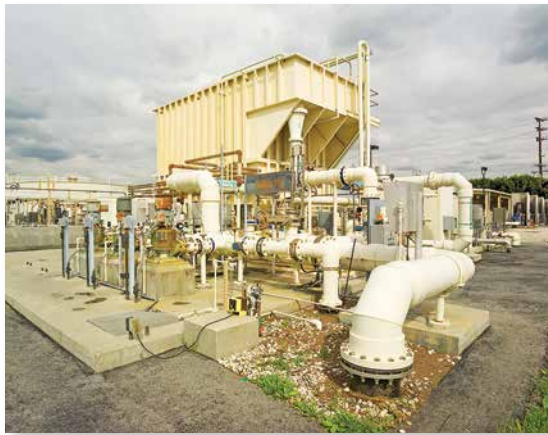
The background is a solid purple color with several horizontal, wavy bands of lighter and darker shades of purple, creating a layered, water-like effect.

WATER RECYCLING PROGRAM

WEST BASIN WATER RECYCLING PROGRAM

CURRENT & PLANNED PROJECTS

In 2009, West Basin completed a Capital Implementation Master Program (CIMP). The CIMP includes all of the planned projects for recycled water and desalination through the year 2030. The WR2020 program includes doubling recycled water deliveries by the year 2020, and the projects that will achieve this goal are described in detail in the CIMP. The major recycled water capital projects taking place in the more immediate term are explained in further detail below.



Tesoro Refinery Capacity Expansion Project

Purpose: Provide 2.59 mgd of increased supply to the Tesoro Refinery by constructing a tertiary-Membrane Biological Reactor (t-MBR); and fully restoring the MF capacity back to contract requirement.

Benefits: This project will increase the supply of recycled water to Tesoro; will improve water quality of the nitrified effluent; reduce breakpoint chlorination to the current nitrified effluent, thereby reducing the chloride content of the wastewater; optimize the Tesoro blend of RO & nitrified water used in their cooling tower; and remove total suspended solids and colloidal iron concentration.

Project Completion Date: FY 2015-2016



Hyperion Secondary Effluent Pump Station

Purpose: The Hyperion Secondary Effluent Pump Station provides wastewater to the Edward C. Little Water Recycling Facility (ECLWRF).

Benefits: This project will increase secondary effluent pumping capacity and improve system reliability with redundant power supply.

Project Completion Date: FY 2015-2016



Water Quality Facility Improvements

Purpose: To improve or sustain the water quality provided to the recycled water customers through improvements to existing facilities. Several water quality improvements, such as treatment facility improvements, disinfection booster station facilities, and backup potable water supplies are required throughout West Basin's distribution system to meet customer and regulatory specifications.

Benefits: Water quality improvements will address customer requirements and maintain a consistent and reliable water supply source.

Completion Date: FY 2015-2016



Nitrified Water Alkalinity Process Upgrades

Purpose: Construct new Nitrified Water Alkalinity Upgrades to maintain and improve overall treatment processes at West Basin satellite facilities, Chevron Refinery and ExxonMobil Refinery.

Benefits: Construction of the Nitrified Water Alkalinity Process Upgrades will improve water quality, enhance production capacity, and reduce operational chemical costs for breakpoint chlorination.

Completion Date: FY 2014-2015



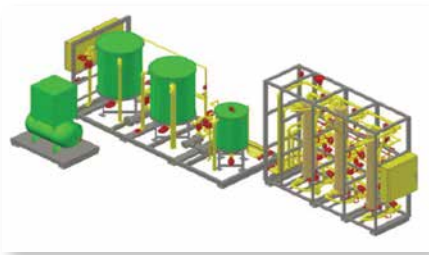


South Gardena Lateral

Purpose: Once completed, the project is anticipated to serve approximately 120 acre-feet per year (AFY) of recycled water.

Benefits: The South Gardena Lateral will connect three new recycled water customers: Gardena High School, South Garden Park, and Roosevelt Memorial Association. Sites will reduce reliance on imported water.

Completion Date: FY 2015-2016



Universal Microfiltration Pilot

Purpose: The project will allow West Basin to assess a currently non-existent universal vessel to house different microfiltration manufacturers.

Benefits: A universal microfiltration unit will provide greater competition in bidding situations and allows flexibility to change manufacturers as products and objectives change.

Completion Date: FY 2014-2015



Customer Development and Retrofit Projects

Purpose: Customer developed projects assist in making connections and retrofits to new recycled water customers. The Dominguez Tech Center is a possible recycled water customer. In order to serve the Dominguez Tech Center with recycled water, an engineering analysis will be performed to determine the best connection locations and retrofits needed prior to constructing the connections.

Benefits: Providing new customers recycled water and reducing dependence on imported water.

Completion Date: On-going

WEST BASIN MUNICIPAL WATER DISTRICT SATELLITE PLANTS

- ★ WEST BASIN SATELLITE PLANTS
- RECYCLED WATER PIPELINE
- CONSTRUCTED PIPELINE - NOT CONNECTED
- BRINE LINE
- WEST BASIN SERVICE AREA
- CITY BOUNDARIES
- UNINCORPORATED LA COUNTY COMMUNITIES



EDWARD C. LITTLE WATER RECYCLING FACILITY



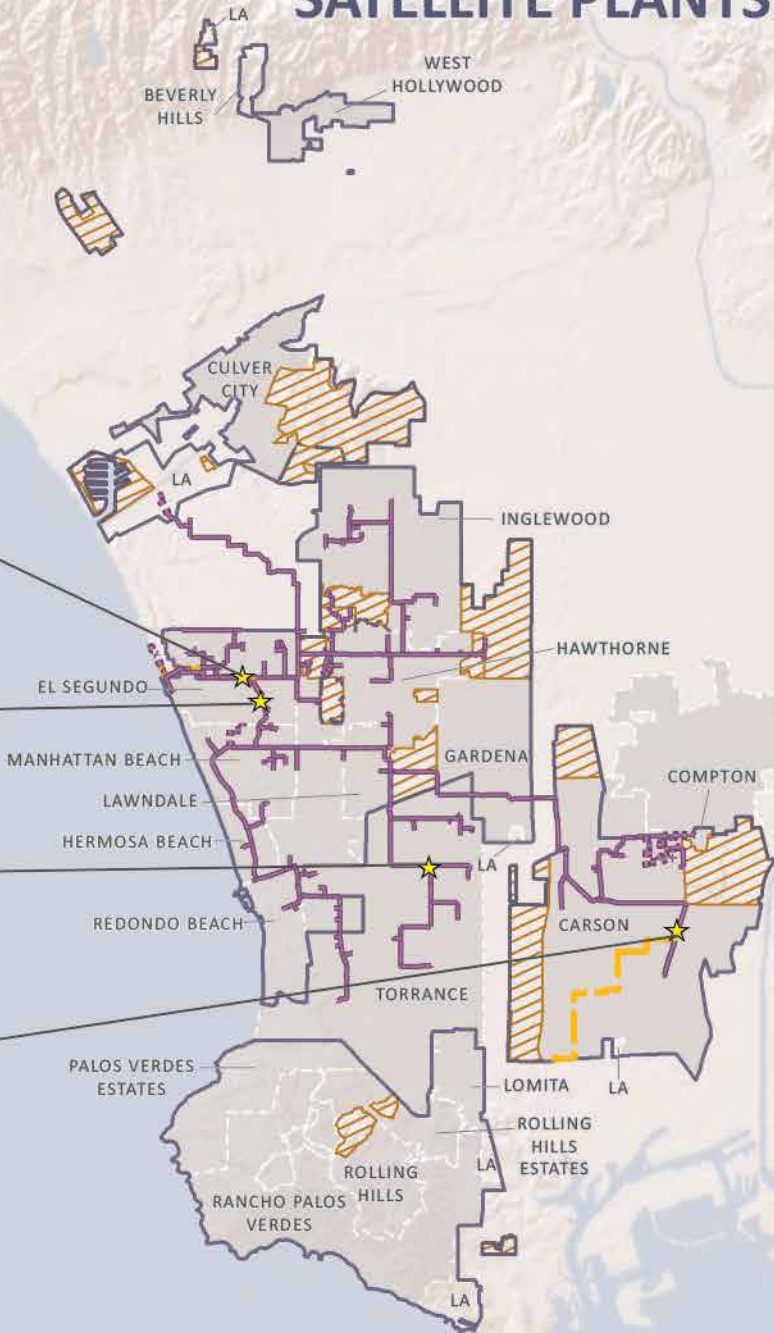
CHEVRON NITRIFICATION PLANT



EXXON MOBIL NITRIFICATION PLANT

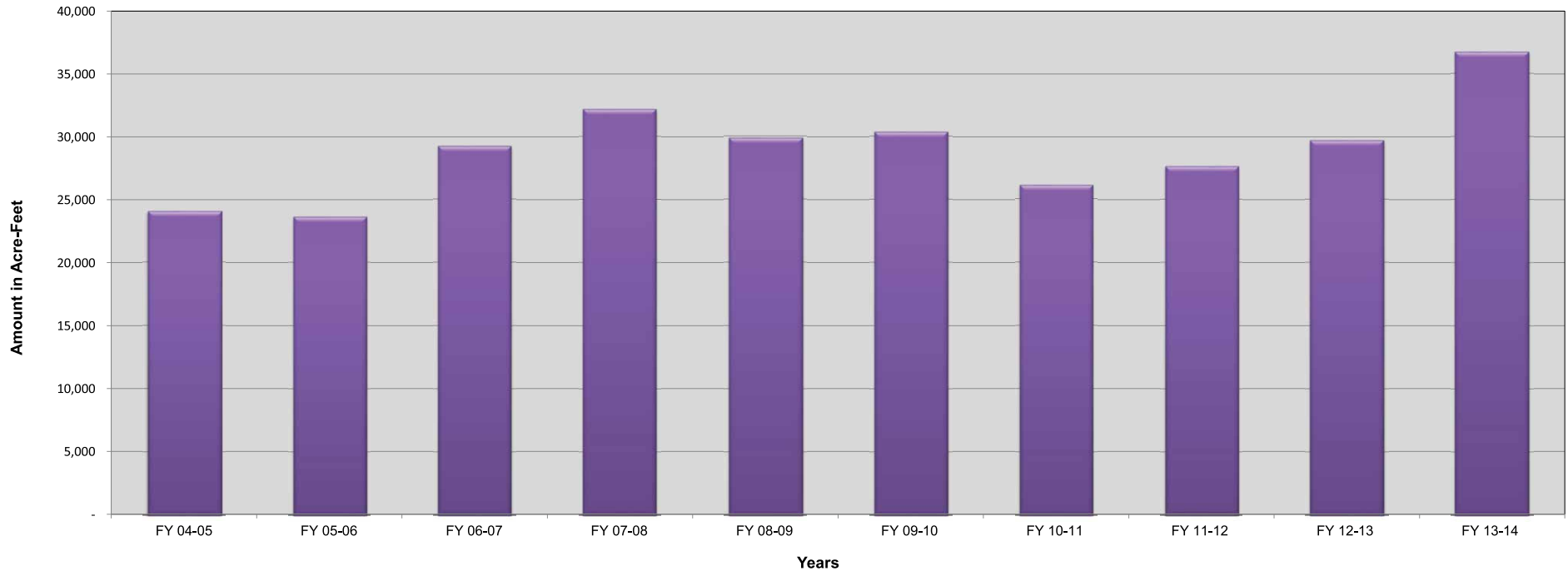


CARSON REGIONAL WATER RECYCLING PLANT



West Basin Municipal Water District

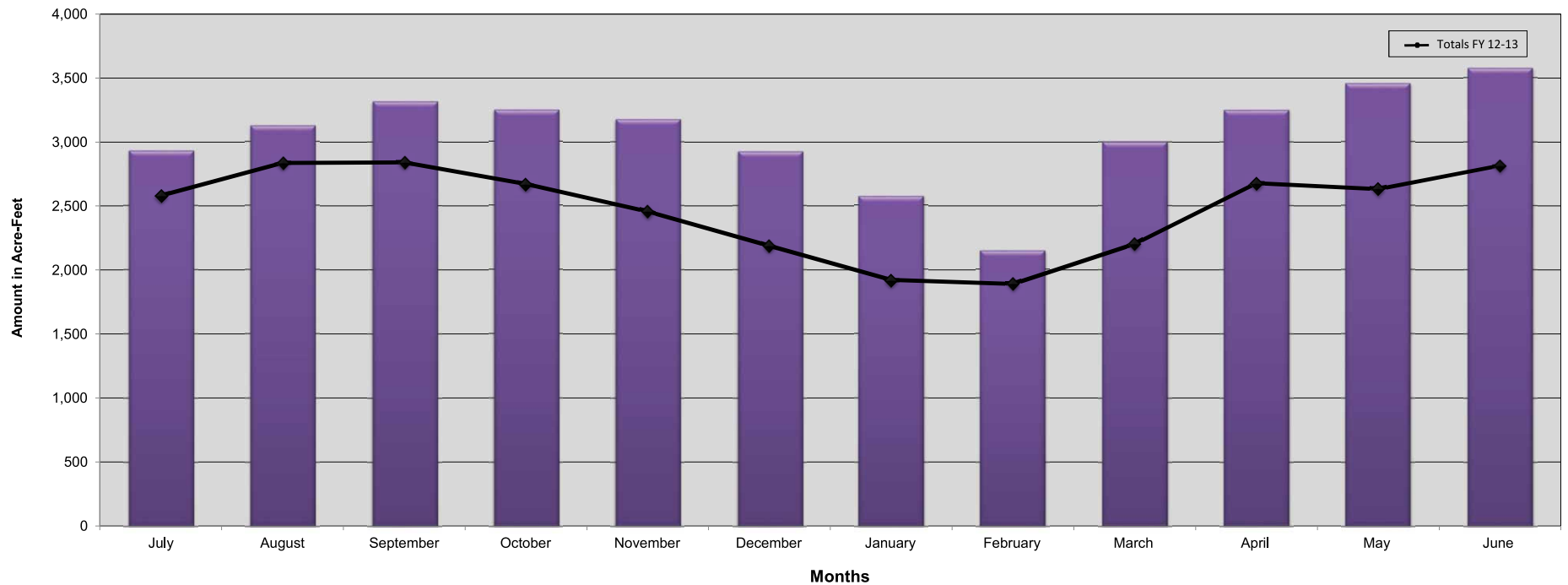
10-Year Recycled Water Sales



West Basin MWD	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	TOTAL
CWS - Dominguez	3,615.50	3,665.49	3,610.23	4,690.03	5,292.89	4,958.66	4,391.87	5,521.95	5,841.15	6,244.86	47,832.63
CWS - Hawthorne	110.64	111.04	117.72	84.79	98.61	90.38	79.20	89.65	107.65	117.70	1,007.38
CWS - Hermosa Redondo	106.89	119.05	140.88	144.52	162.55	150.20	132.73	135.74	161.93	167.38	1,421.87
City of El Segundo	7,868.41	7,404.51	8,200.97	7,864.89	8,977.91	9,034.50	6,637.52	6,887.65	7,665.00	8,616.11	79,157.47
City of Inglewood	594.53	568.00	797.06	649.96	679.84	621.30	606.42	641.55	782.53	827.20	6,768.39
City of Manhattan Beach	273.63	249.48	316.25	287.93	251.37	264.00	263.93	290.65	396.42	305.35	2,899.01
City of Torrance	186.48	253.31	284.75	311.30	277.42	271.97	234.42	283.24	270.57	345.94	2,719.40
City of Torrance - Mobil	6,734.75	6,155.87	5,774.39	6,077.87	5,598.73	6,172.62	5,550.53	6,068.83	6,363.65	6,182.75	60,679.99
Golden State Water Company	434.84	429.41	522.75	552.42	410.00	360.07	147.50	333.42	537.58	573.21	4,301.20
Inglewood Unified School District*	59.63	57.10	67.74	55.91	62.42	55.64	-	-	-	-	358.44
LA Dept. of Water and Power	283.31	256.60	313.28	360.35	444.11	608.21	762.80	875.59	967.81	998	5,870.52
Water Replenishment District	3,799.20	4,383.10	9,104.00	11,129.00	7,652.30	7,796.60	7,319.80	6,530.60	6,622.10	12,372.08	76,708.78
West Basin Inland Use	-	-	-	-	-	-	-	-	-	-	-
Total	24,067.81	23,652.96	29,250.02	32,208.97	29,908.15	30,384.15	26,126.72	27,658.87	29,716.39	36,751.04	289,725.08

* The values for FY 10-11, 11-12, 12-13, and 13-14 are included in the value for the City of Inglewood

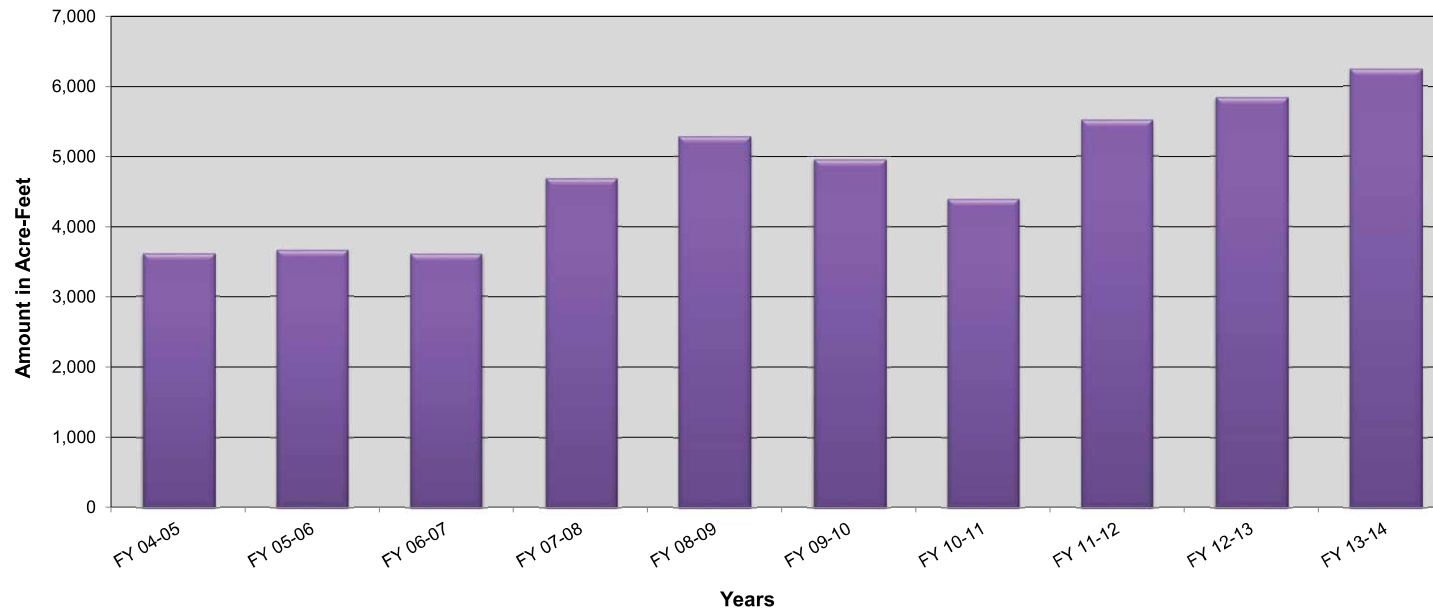
Recycled Water Sales FY 2013-14



West Basin MWD	FY 2013-14												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
CWS - Dominguez	522.16	571.22	560.07	493.70	521.00	408.17	503.01	458.32	509.51	513.31	543.78	640.61	6,244.86
CWS - Hawthorne	13.38	15.84	15.45	11.55	10.00	4.87	7.59	3.71	3.87	6.16	11.45	13.83	117.70
CWS - Hermosa Redondo	19.73	19.81	20.51	16.22	14.58	5.25	9.58	8.35	4.57	11.53	14.76	22.49	167.38
City of El Segundo	621.49	703.41	725.58	755.68	715.40	713.07	778.29	684.27	800.98	791.59	624.65	701.70	8,616.11
City of Inglewood	114.21	108.12	94.81	69.79	36.23	13.00	52.79	19.90	33.11	76.38	103.96	104.90	827.20
City of Manhattan Beach	17.51	39.08	32.55	29.11	25.06	14.87	17.82	16.77	9.31	25.43	42.85	34.99	305.35
City of Torrance	41.07	36.08	45.04	22.45	28.55	28.21	14.59	11.30	21.87	23.35	36.11	37.32	345.94
City of Torrance - Mobil	582.62	558.40	541.82	563.88	557.90	526.85	473.03	486.92	391.18	410.80	544.30	545.05	6,182.75
Golden State Water Company	60.53	66.86	77.17	53.85	39.77	17.64	20.04	10.82	34.67	35.34	82.14	74.38	573.21
LA Dept. of Water and Power	98.99	87.10	131.81	62.87	58.44	61.51	48.56	46.39	69.27	89.56	91.92	152.04	998.46
Water Replenishment District	842.60	921.20	1,074.78	1,168.00	1,172.10	1,134.70	648.60	404.00	1,124.20	1,269.60	1,360.60	1,251.70	12,372.08
Total	2,934.29	3,127.12	3,319.59	3,247.10	3,179.03	2,928.14	2,573.90	2,150.75	3,002.54	3,253.05	3,456.52	3,579.01	36,751.04

California Water Service Company – Dominguez

Recycled Water Use

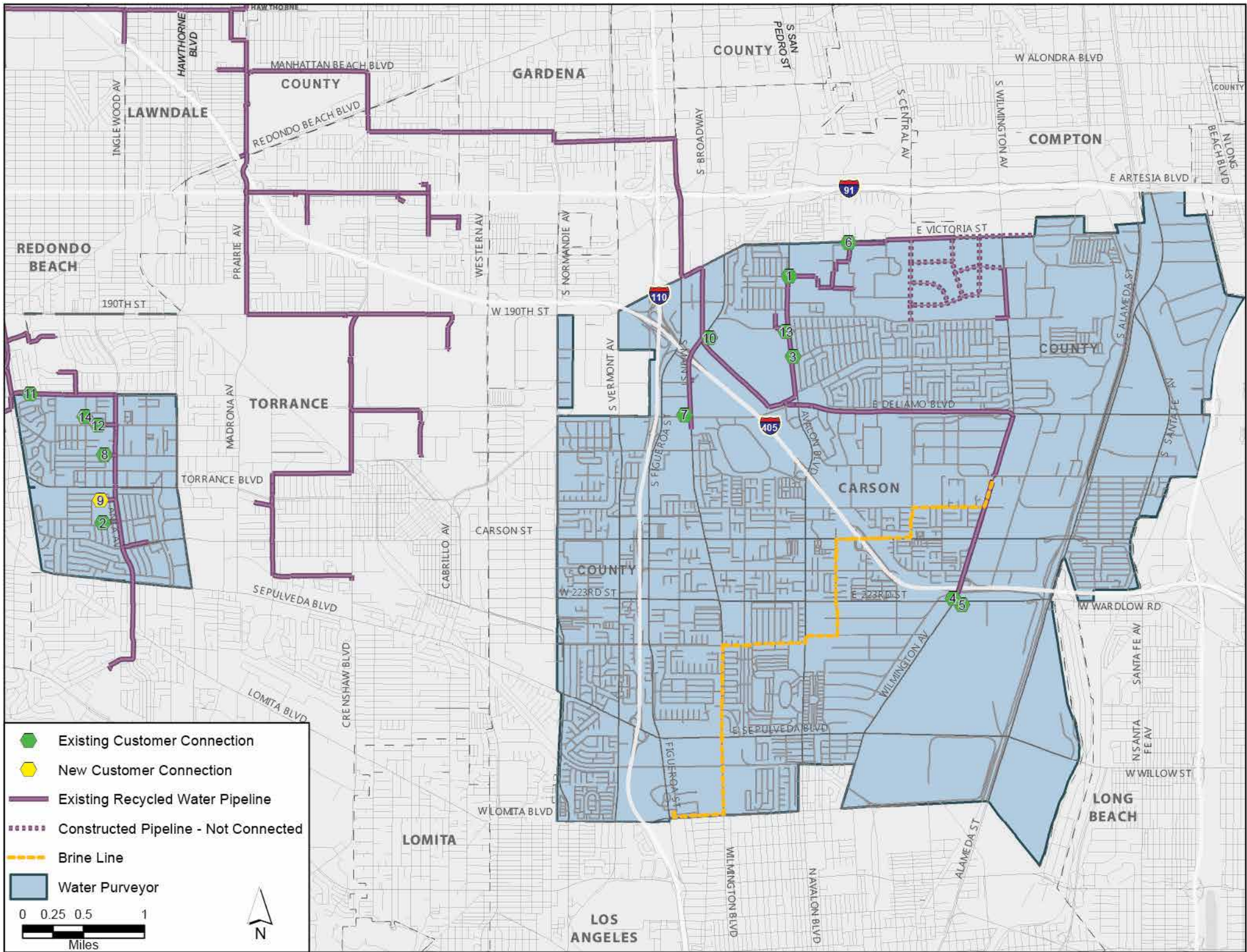


Total Use FY 2013-14		
1	Anschutz So Cal Sports*	66.37
2	Anza Elementary	18.43
3	Avalon Median N/Elsmere	11.13
4	BP Refinery - Nitrification	1,283.77
5	BP Refinery - R/O	4,288.39
6	Cal State Univ Dominguez*	165.46
7	City of Carson	3.42
8	City of Torrance	19.78
9	City of Torrance Park Services**	10.57
10	Goodyear	43.24
11	Sunny Glenn Park	14.13
12	Torrance USD	20.91
13	Victoria Golf Course	276.05
14	West High School	23.21
Total		6,244.86

* This data reflects the total for multiple meter connections.

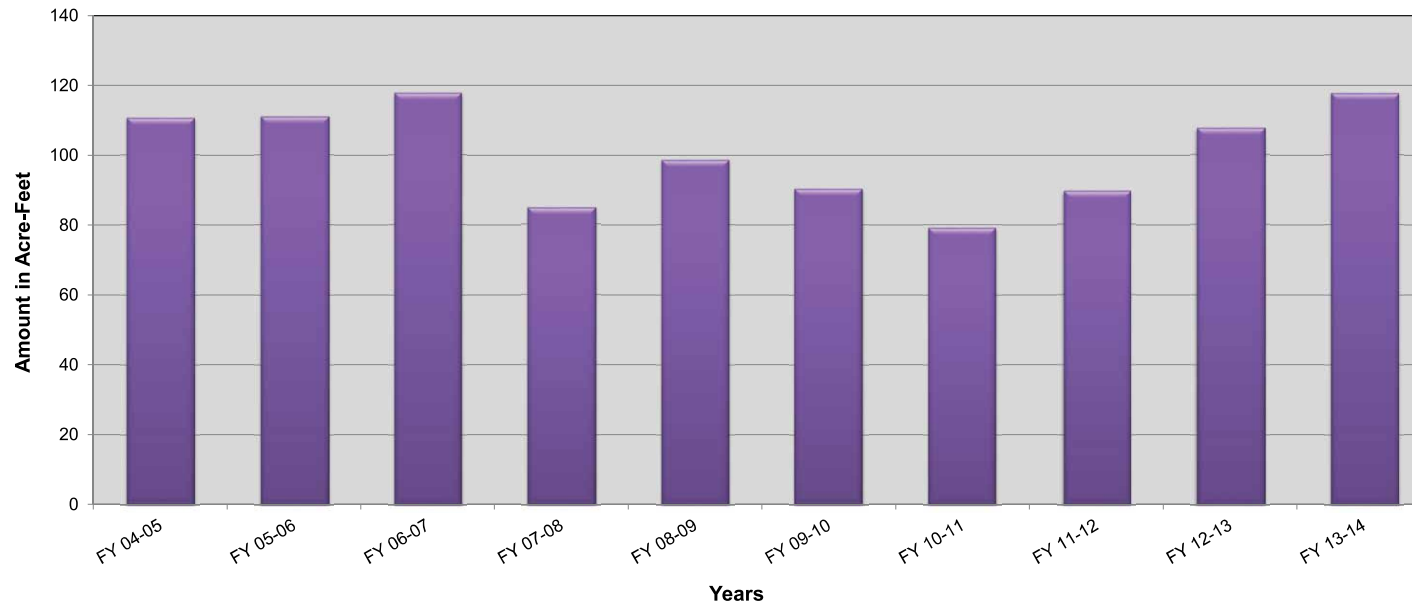
** This is a new customer connection.

The map on the following page corresponds to the numbers listed in the left column in the table above.



California Water Service Company – Hawthorne

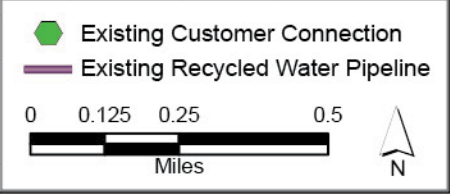
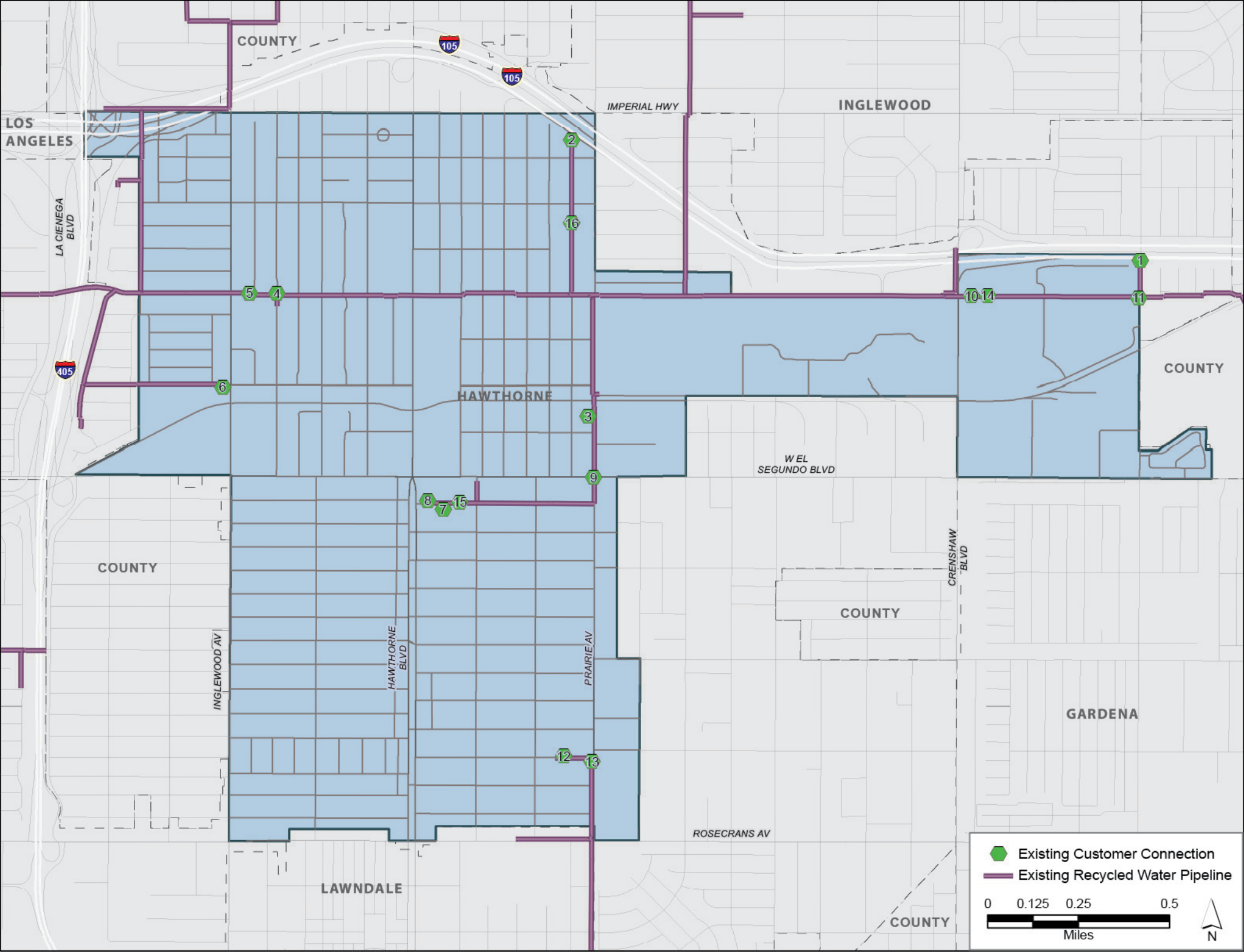
Recycled Water Use



Total Use FY 2013-14		
1	Caltrans (I-105/Van Ness)	-
2	Caltrans (I-105/York St.)	-
3	City of Hawthorne*	4.30
4	Eucalyptus Avenue School	5.73
5	Eucalyptus Park	7.15
6	Hawthorne High School	20.25
7	Hawthorne Intermediate School	5.77
8	Hawthorne Medians	8.44
9	Hawthorne Memorial Park	9.72
10	Hawthorne Municipal Airport	0.52
11	Holly Park	27.11
12	Jefferson School	2.51
13	Jim Thorpe Park	15.00
14	Lowe's	4.26
15	Washington Avenue School	1.64
16	York Avenue School	5.30
Total		117.70

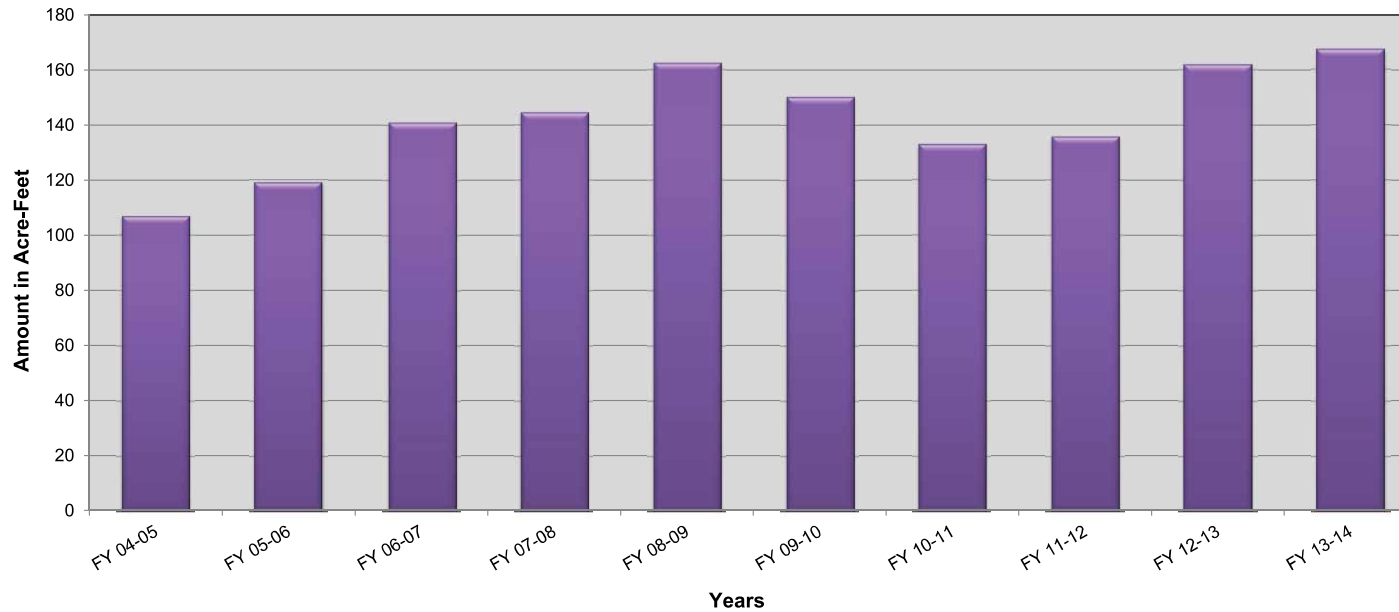
* This data reflects the total for multiple meter connections.

The map on the following page corresponds to the numbers listed in the left column in the table above.



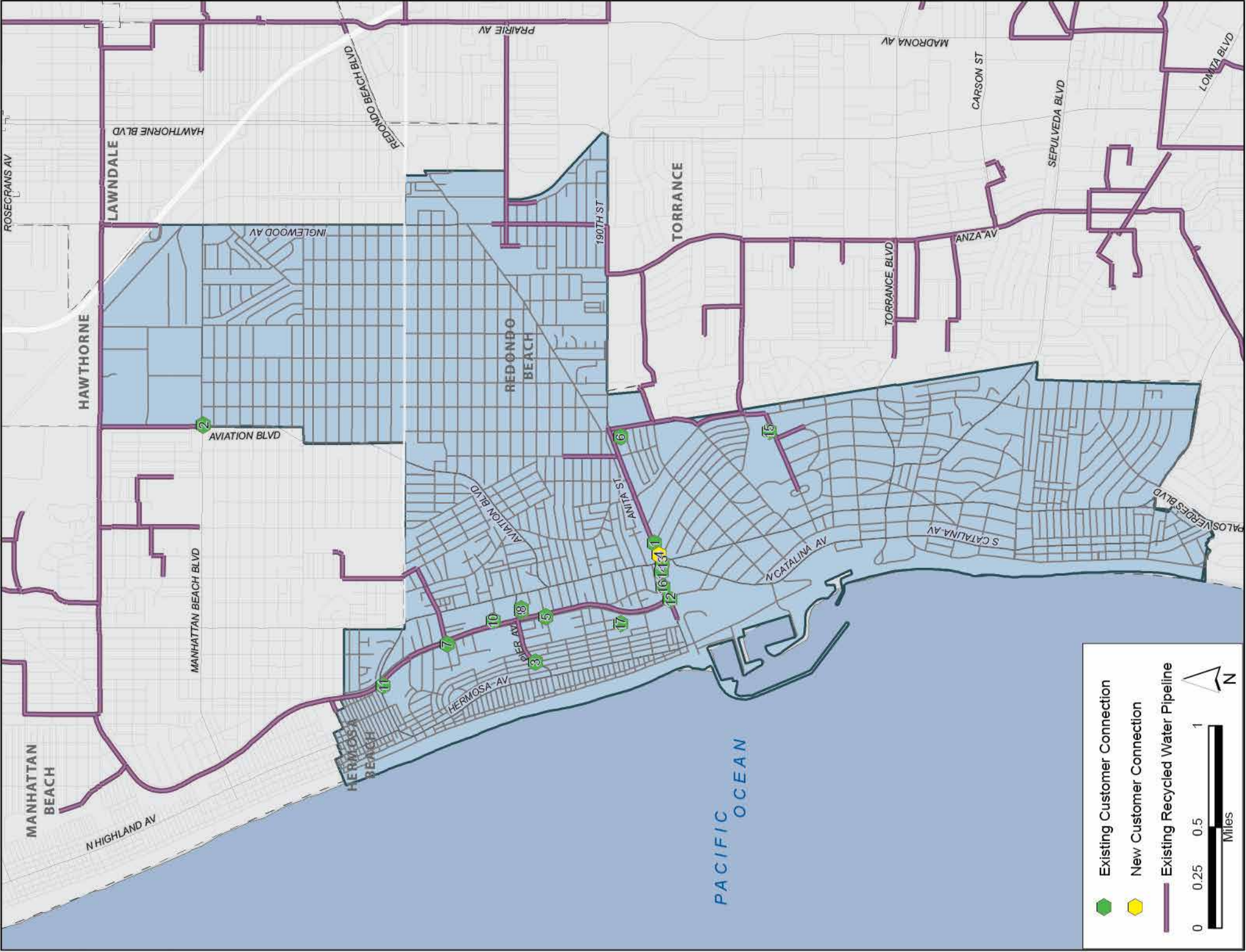
California Water Service Company – Hermosa Redondo

Recycled Water Use

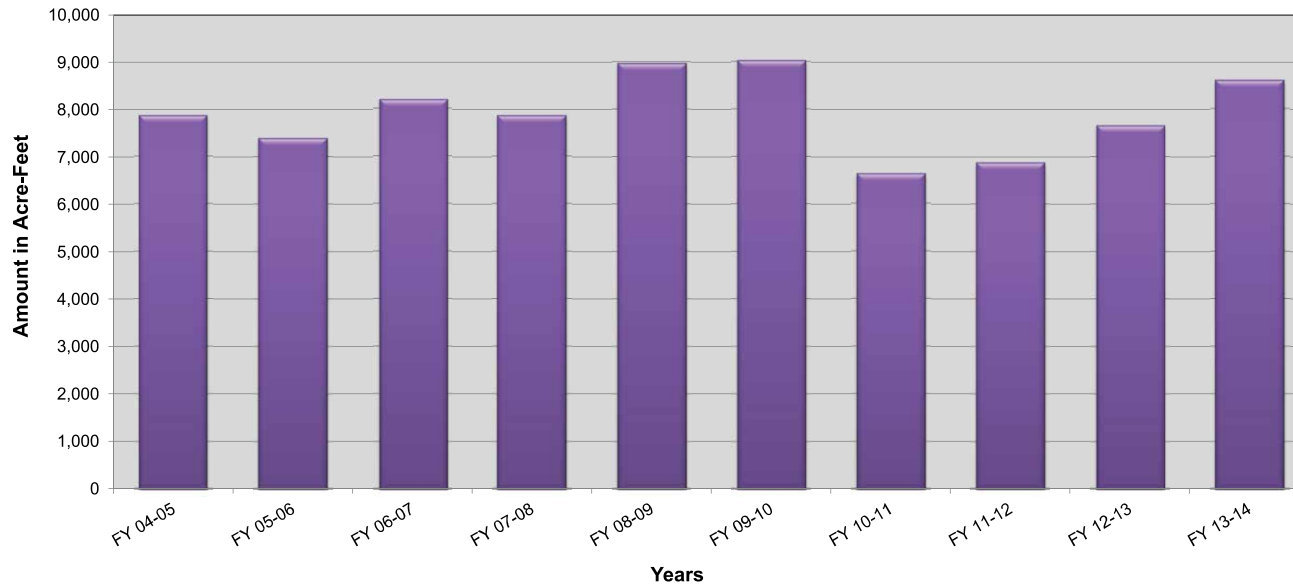


Total Use FY 2013-14		
1	190th St./Prospect Ave Medians (400 Blk)	0.66
2	Aviation Park	8.02
3	City of Hermosa Beach	3.76
4	City of Redondo Beach*	0.01
5	Clark Park	10.27
6	Dominguez Park	31.85
7	Hermosa Beach Greenbelt	28.57
8	Hermosa Beach Community Center	5.83
9	Hermosa Beach Library And City Hall	0.47
10	Hermosa Valley Elementary School	10.24
11	Hermosa Valley Park II	27.17
12	Herondo/Francisca Median	0.71
13	PCH/190th St. Median	-
14	PCH/Herondo-King Harbor Park	1.85
15	Redondo Beach School District	21.66
16	Redondo Technology Center	5.74
17	South Park -Hermosa Beach	10.57
Total		167.38

* This is a new customer connection.
The map on the following page corresponds to the numbers listed in the left column in the table above.



Recycled Water Use



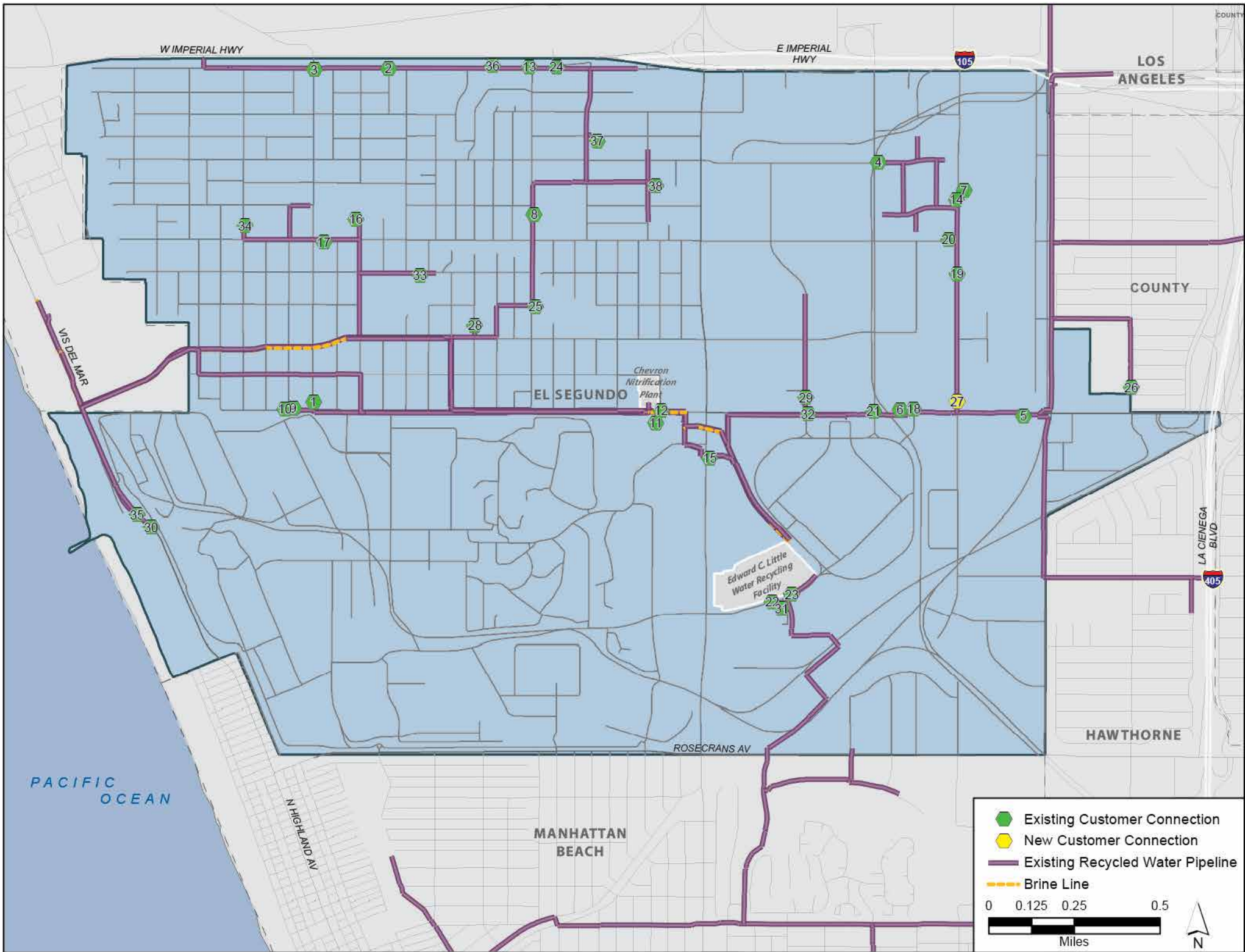
Total Use FY 2013-14		
1	350 Main St/Parks	14.69
2	351 Main St/Parks	9.58
3	352 Main St/Parks	0.75
4	750 N Nash St	1.78
5	Aerospace Corp.*	61.26
6	Bell Industries	0.38
7	Campus El Segundo	17.43
8	Center Elementary School	22.94
9	Chevron (HP)	2,361.70
10	Chevron (LP)	1,703.20
11	Chevron Irrigation*	131.51
12	Chevron Nitrification Plant	3,825.90
13	City Storm Water Detention	-
14	El Segundo Association	7.96
15	El Segundo Golf Course	64.31
16	El Segundo High School*	20.75
17	El Segundo Library Park	7.98
18	El Segundo Medians	2.21
19	Equinox Operating Co.	24.11
20	Fire Station #2	0.87

21	Hughes Way	64.11
22	Hughes Way Median	3.96
23	Hughes Way Storm Drain Plant # 18	-
24	Imperial Ave. Parkway	9.27
25	LA Raiders Headquarters	2.11
26	LAAFB*	29.73
27	LAAFB**	2.58
28	Maryland Hilltop Park	3.25
29	Nash & Continental Medians*	6.24
30	NRG	42.97
31	Plaza El Segundo*	20.91
32	Raytheon	40.79
33	Recreation Park -El Segundo	36.91
34	Richmond School	8.04
35	So. Cal Edison -El Segundo Generation Station	43.12
36	Storm Drain Plant 17	-
37	Sycamore Park	3.49
38	Washington Park	19.32
Total		8,616.11

* This data reflects the total for multiple meter connections.

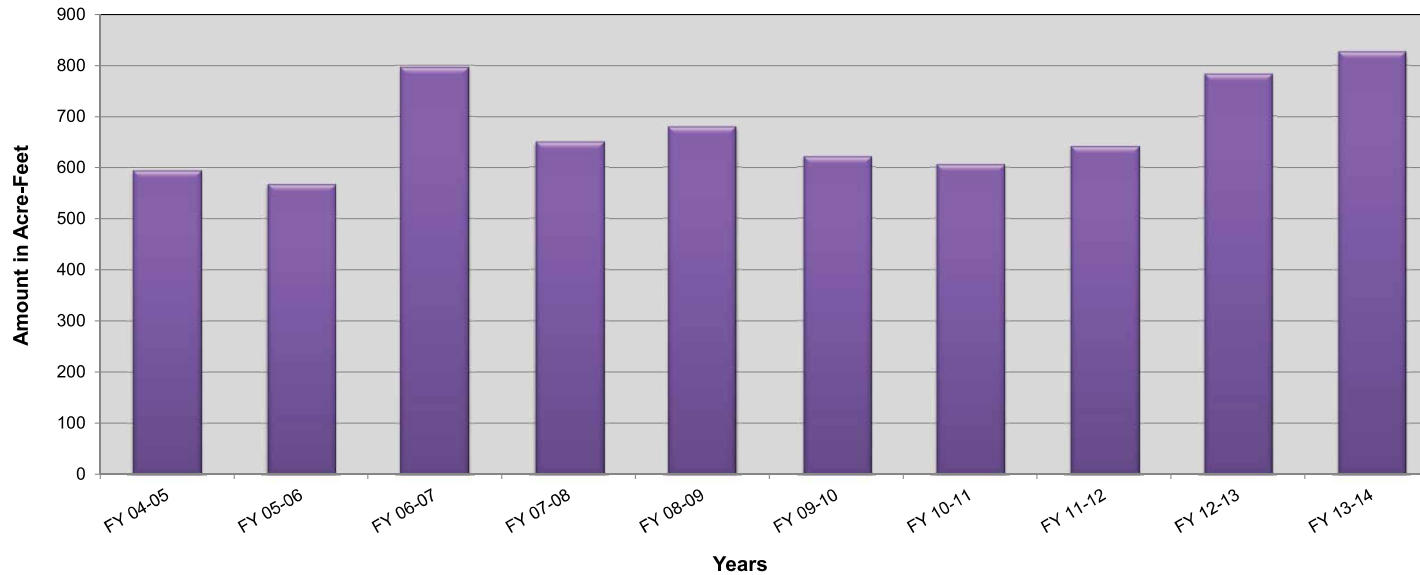
** This is a new customer connection.

The map on the following page corresponds to the numbers listed in the left column in the table above.



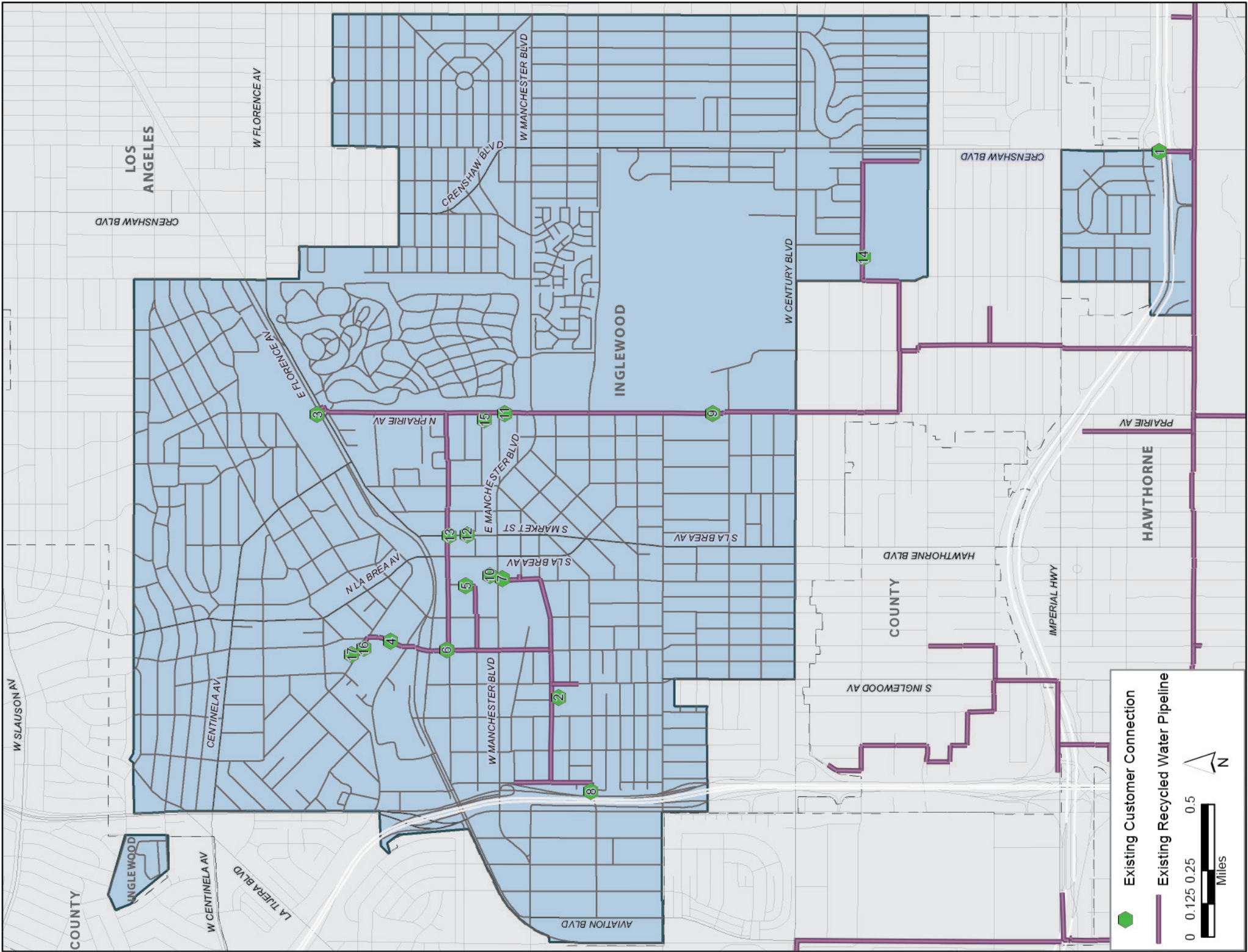
City of Inglewood & Unified School District

Recycled Water Use



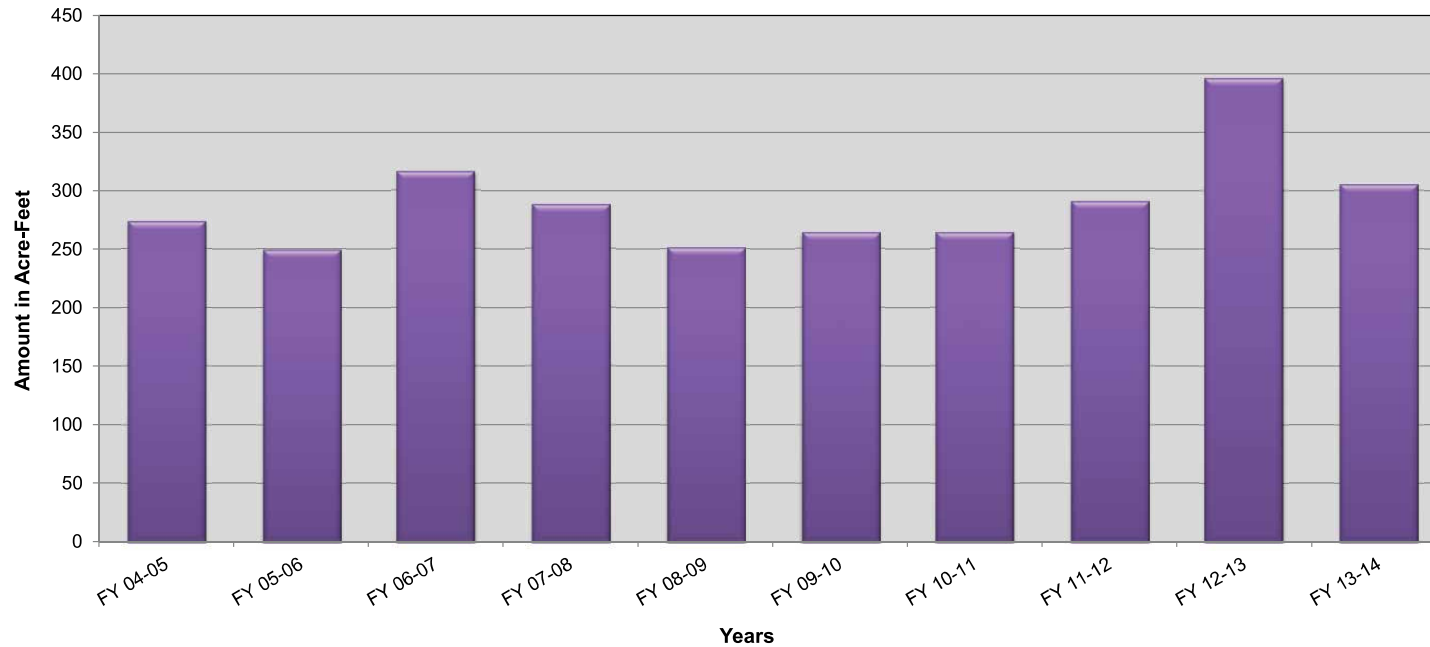
Total Use FY 2013-14		
1	Ashwood Park	3.38
2	Caltrans (I-105/Crenshaw)	-
3	Caroline Coleman Stadium	13.70
4	Centinela (Vincent) Park	92.75
5	City Service Yard	3.83
6	Crozier Jr. High	7.73
7	Florence Median	0.63
8	Grevillea Mall Park	3.18
9	Hillcrest	0.04
10	Hollywood Park	15.16
11	Inglewood City Hall	7.43
12	Inglewood Park Cemetery	596.29
13	Manchester	29.14
14	Market Street Medians	3.56
15	Morningside School	33.41
16	Rogers Park	16.52
17	Water Treatment Plant	0.45
Total		827.20

The map on the following page corresponds to the numbers listed in the left column in the table above.



City of Manhattan Beach

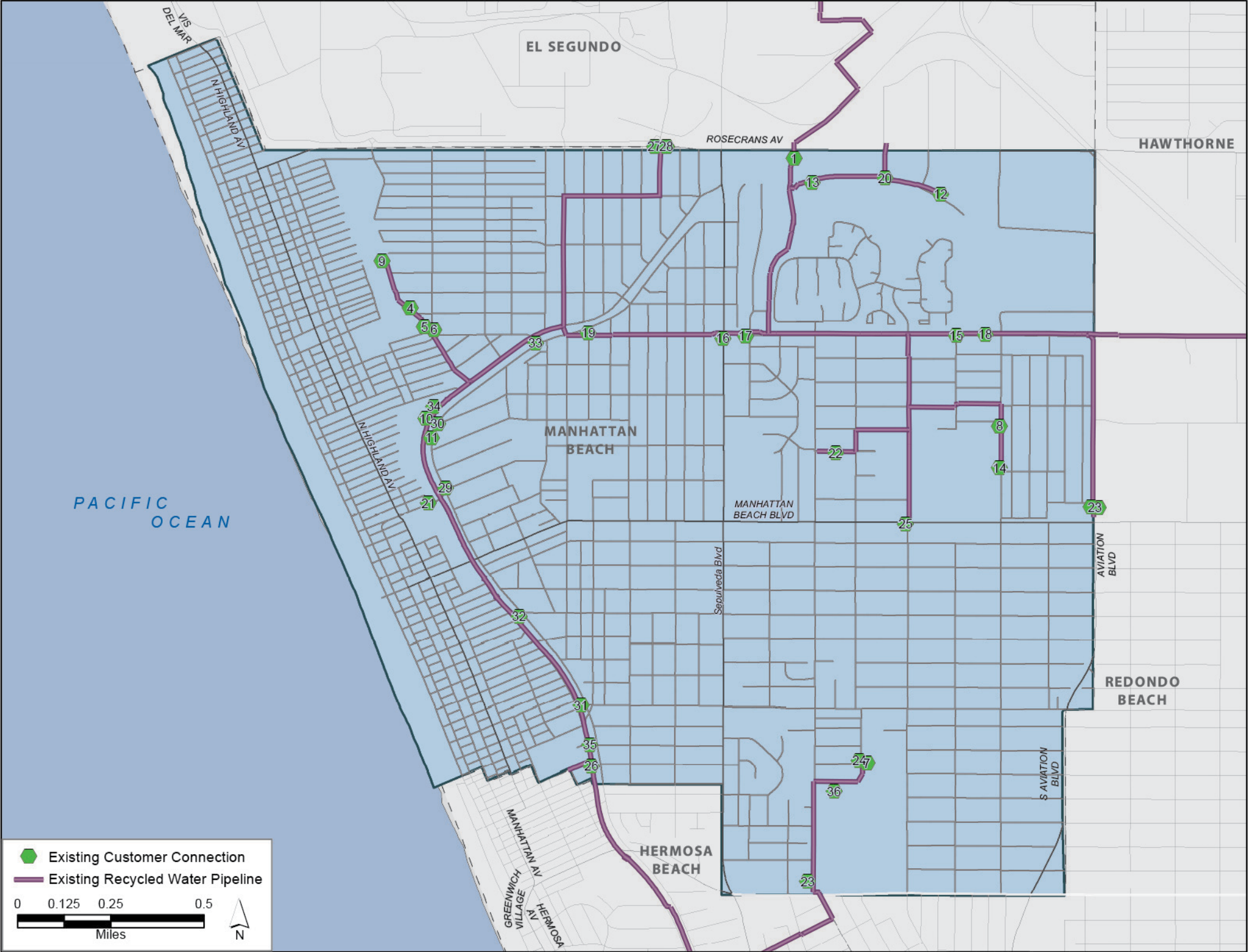
Recycled Water Use



Total Use FY 2013-14		
1	1230 Rosecrans	4.33
2	1508 Aviation	0.20
3	2202 Aviation	0.13
4	2511 Bell Ave., (Grand View/Ladera)	4.36
5	2632 Bell Ave. E, (Grand View/Ladera)	5.24
6	2632 Bell Ave. W, (Grand View/Ladera)	4.33
7	325 S. Peck	5.34
8	Begg Elementary School	6.28
9	Bell Ave. S. of Park	8.50
10	Dorsey Field	6.30
11	Live Oak Park	1.98
12	Manhattan Studios	11.81
13	Manhattan Village Park	4.16
14	Mar Brad Middle School - La Marina Field	14.48
15	Marine & Herrin Median	1.33
16	Marine & Sepulveda Median	3.04
17	Marine Avenue Median	3.12
18	Marine Avenue Park	10.96
19	Marine Triangle Median	0.63

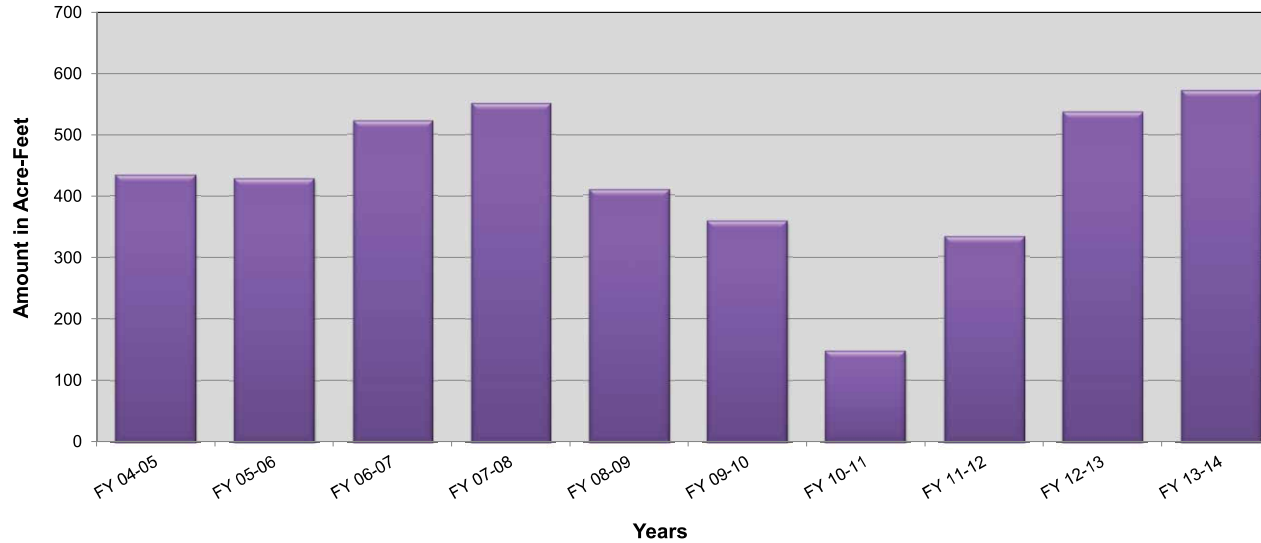
20	Marriott Golf	66.83
21	MB Fire & Police Landscape	2.87
22	Meadows Elementary School	5.18
23	Mira Costa High School	27.92
24	Pennekamp Elementary School	12.36
25	Polliwog Park	31.51
26	Robinson Elementary School	5.22
27	Rosecrans Medians @ Pine	1.37
28	Sports Park	13.64
29	Valley/Ardmore Greenbelt @ 15th St.	2.64
30	Valley/Ardmore Greenbelt @ 19th St.	12.03
31	Valley/Ardmore Greenbelt @ 2nd	9.03
32	Valley/Ardmore Greenbelt @ 8th St.	3.24
33	Valley/Ardmore Greenbelt @ Ardmore	9.68
34	Valley/Ardmore Greenbelt @ M.B.B.S.E.	5.23
35	Valley/Ardmore Greenbelt @ S. of Homer	-
36	Voorhees Sump	0.08
Total		305.35

The map on the following page corresponds to the numbers listed in the left column in the table above.



Golden State Water Company

Recycled Water Use

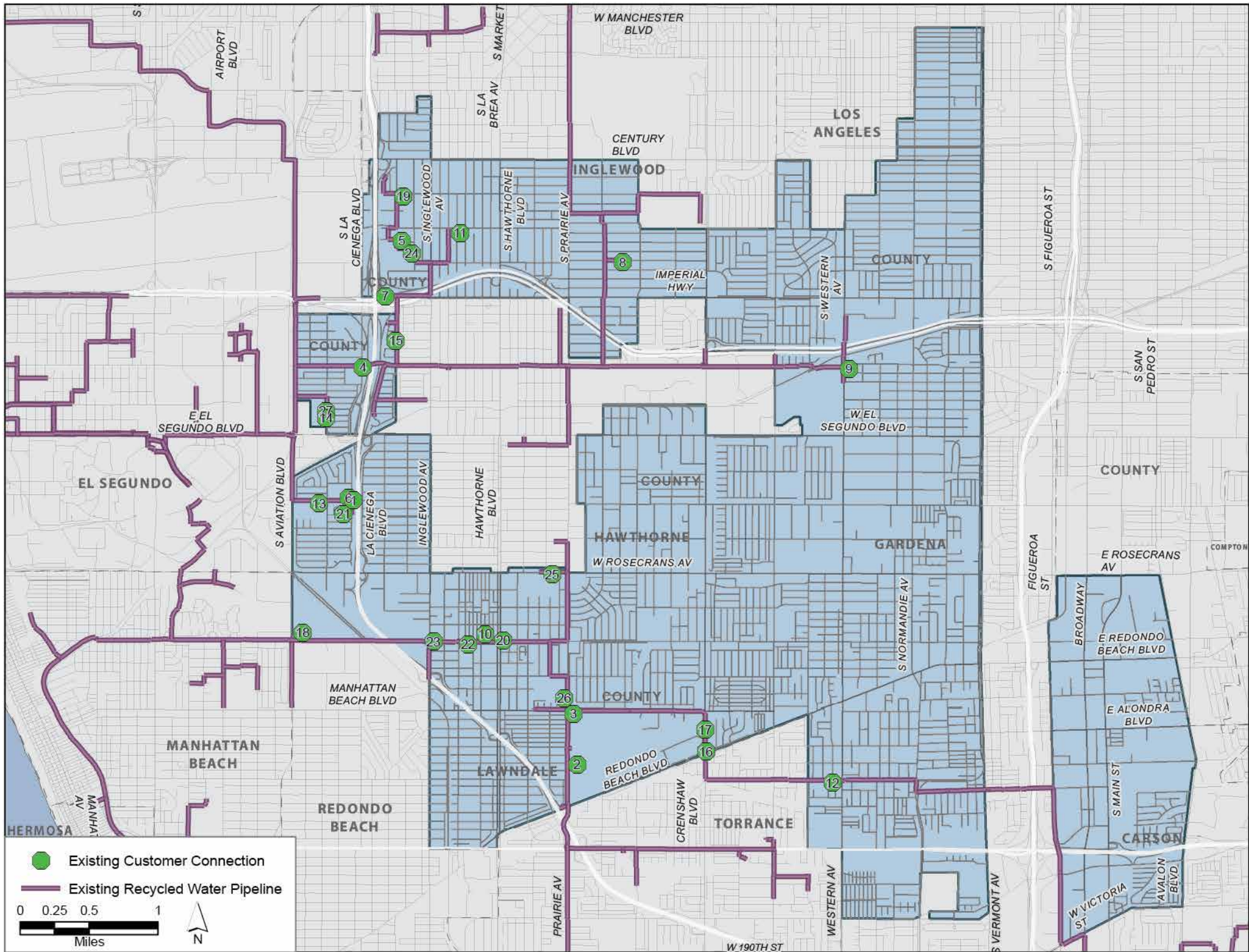


Total Use FY 2013-14		
1	13500 Glasgow	17.32
2	Alondra Golf Course	-
3	Alondra Park (West)	26.97
4	Anza Elementary School	8.82
5	Buford Elementary School	5.50
6	Cabrillo Elementary School	7.47
7	Caltrans*	10.07
8	Center Park	6.09
9	Chester Washington Golf Course	315.08
10	City of Lawndale	0.04
11	Condon Park (Lennox Park)	9.65
12	Crenshaw Lumber	0.69
13	Dana-Burnett Elementary School	15.52
14	Del Air Park	15.77

15	Del Aire Assembly of God	1.41
16	Del Taco DT895	0.47
17	El Camino College	16.61
18	Federal Building - Hawthorne	9.96
19	Felton Elementary School	-
20	Hawthorne Blvd/Marine	21.72
21	Holly Glen Park	3.16
22	Jane Addams Park	9.27
23	Lawndale Union High School District Office	13.74
24	Lennox Middle School	18.82
25	Leuzinger High School	14.06
26	Rogers Anderson Park	16.97
27	Sepulveda Elementary School	8.03
Total		573.21

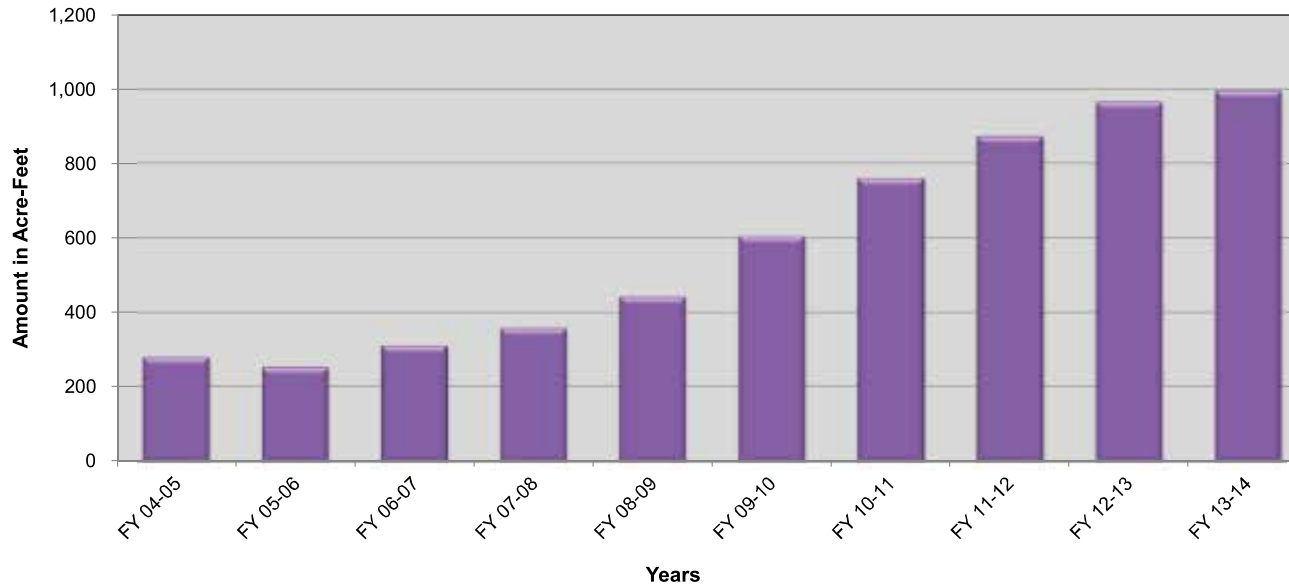
* This data reflects the total for multiple meter connections.

The map on the following page corresponds to the numbers listed in the left column in the table above.



Los Angeles Department of Water and Power

Recycled Water Use



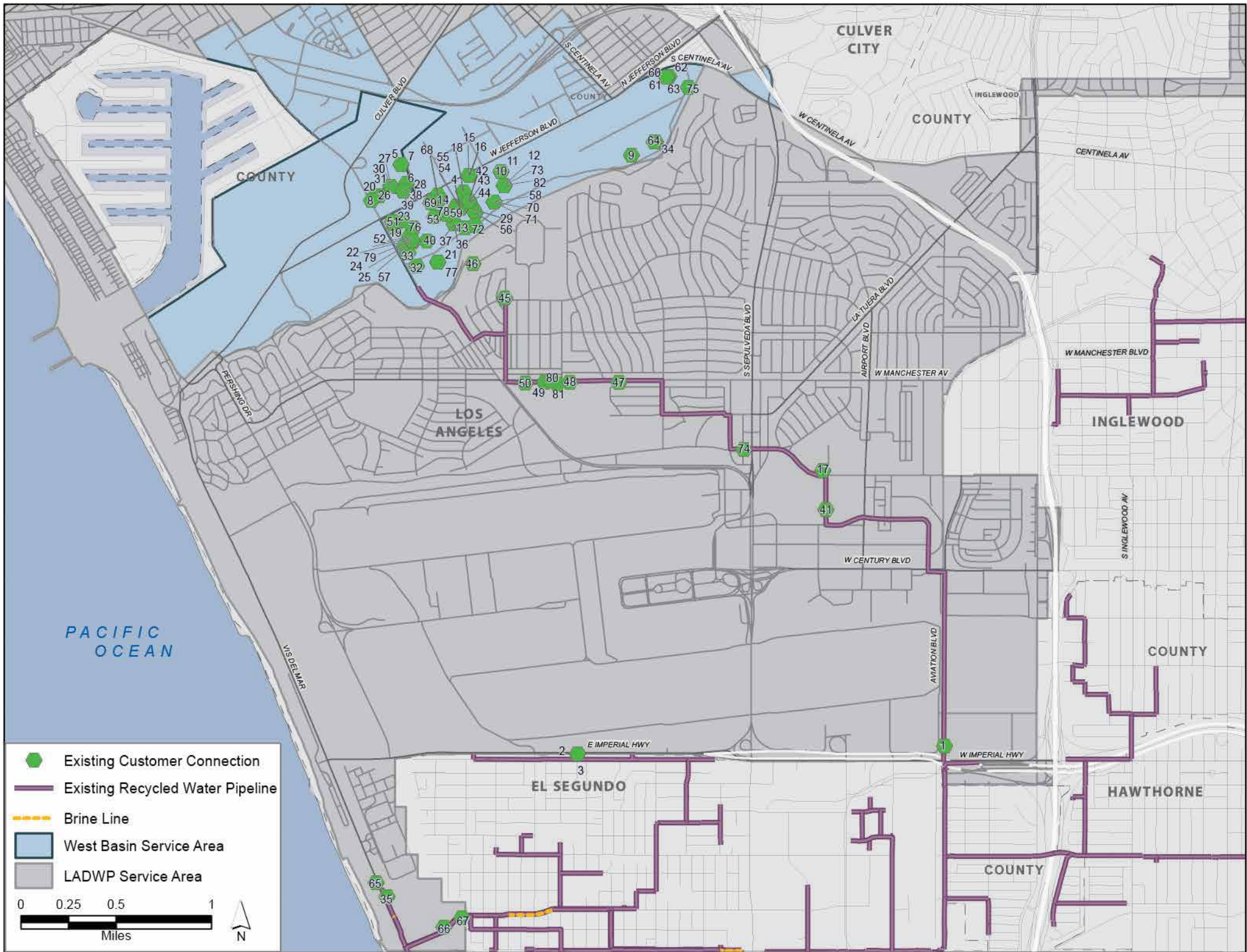
Total Use FY 2013-14		
1	11310 Aviation Blvd.	5.85
2	7055 Imperial Hwy - a	35.70
3	7055 Imperial Hwy - b	36.41
4	Avalon Maintenance	1.42
5	Bridgeway Mills HOA-1	1.42
6	Bridgeway Mills HOA-2	1.27
7	Bridgeway Mills HOA-3	11.78
8	CAL TRANS	0.28
9	Campus at Playa	-
10	Campus at Playa -A	3.88
11	Campus at Playa -B	10.40
12	Campus at Playa Parcel 8	-
13	Campus at Playa Vista	8.81
14	Capri Court HOA	1.11
15	Capri Court II Corp.	1.46
16	Carabella Community	5.10
17	Carl Neilson Youth Park	17.39
18	Catalina Maintenance Corp.	2.08
19	Chatelaine	0.84
20	Coldwell Banker	0.27
21	Coronado Maintenance Corp.	1.32

22	Crescent Park	0.70
23	Crescent Park East	1.64
24	Crescent Park West	1.71
25	Crescent Walk at Playa	0.70
26	Dreamworks Interactive -1	3.93
27	Dreamworks Interactive -2	1.02
28	Dreamworks Interactive -3	4.15
29	Esplanade Assoc.	2.00
30	Essex Property Trust-1	2.18
31	Essex Property Trust-2	5.24
32	Finvest Playa -1	5.99
33	Finvest Playa -2	1.32
34	Horizon PH I Office Holdings	5.38
35	Hyperion Treatment Plant	38.25
36	JLH Realty Constr-1	1.66
37	JLH Realty Constr-2	2.78
38	LA City Bureau Pub Bldgs -1	-
39	LA City Bureau Pub Bldgs -1a	0.43
40	LA City Bureau Pub Bldgs -2	0.73
41	LAX *	189.09
42	Lincoln ASB - Playa Vista - a	2.72
43	Lincoln ASB - Playa Vista - b	2.83

44	Lincoln ASB - Playa Vista Phase I	-
45	Loyola Marymount University	137.92
46	Loyola Marymount University - 2	33.95
47	Maintenance-6758 Manchester	-
48	Maintenance-6930 Manchester	0.02
49	Maintenance-7050 Manchester	0.61
50	Maintenance-7102 Manchester	-
51	Metro Condo Assoc.	1.96
52	Off-Crescent	1.92
53	Paraiso	1.34
54	PH & L Community-1	0.50
55	PH & L Community-2	0.37
56	Playa Capital Co.*	15.75
57	Playa Phase 1	7.38
58	Playa Vista Parks*	69.29
59	Promenade at Playa	1.83
60	PV Campus Parcel 3*	15.96
61	PV Campus Parcel 3 LP	8.52
62	PV Campus Parcel 3 LP-a	1.14
63	PV Campus Parcel 3 LP-b	1.14
64	Runway Lofts Venture LLC	1.14
65	Scattergood -11000 Vista	1.13

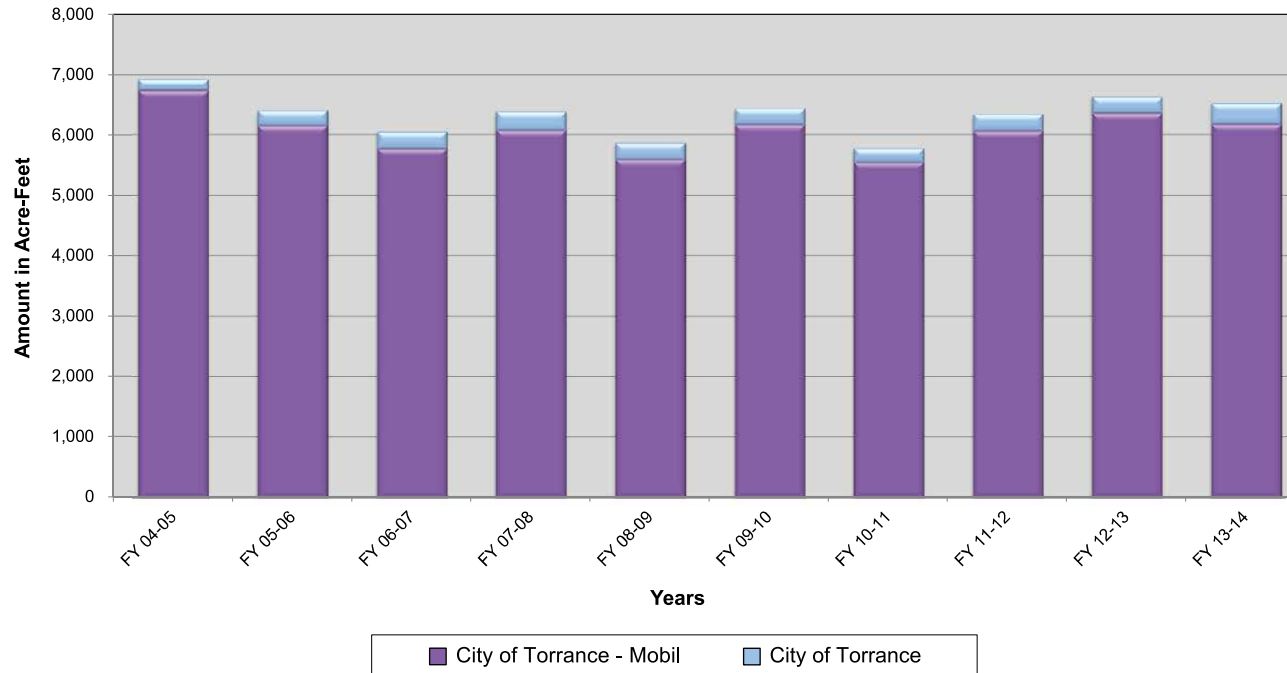
66	Scattergood- 7501 Grand	0.14
67	Scattergood- 7515 Grand	0.01
68	Serenade Community Assoc.	5.60
69	Sunrise Playa Vista Senior	1.71
70	Tapestry Maint.	2.02
71	Tapestry Maint - 2	3.42
72	Tempo Comm. Ctr.	1.34
73	The Lee Group	1.48
74	The Parking Spot	0.84
75	The Ratkovich Company	2.94
76	Villa D'Este Corp.	1.38
77	Villa Savona Maint Corp.	0.71
78	Warmington PV	2.45
79	Waterstone Condo Assoc.	1.36
80	Westchester Golf Course	202.52
81	Westchester Park	42.03
82	William J. Hoffman-Receiver	5.40
Total		998.46

* This data reflects the total for multiple meter connections.
The map on the following page corresponds to the numbers listed in the left column in the table above.



Torrance and Mobil

Recycled Water Use

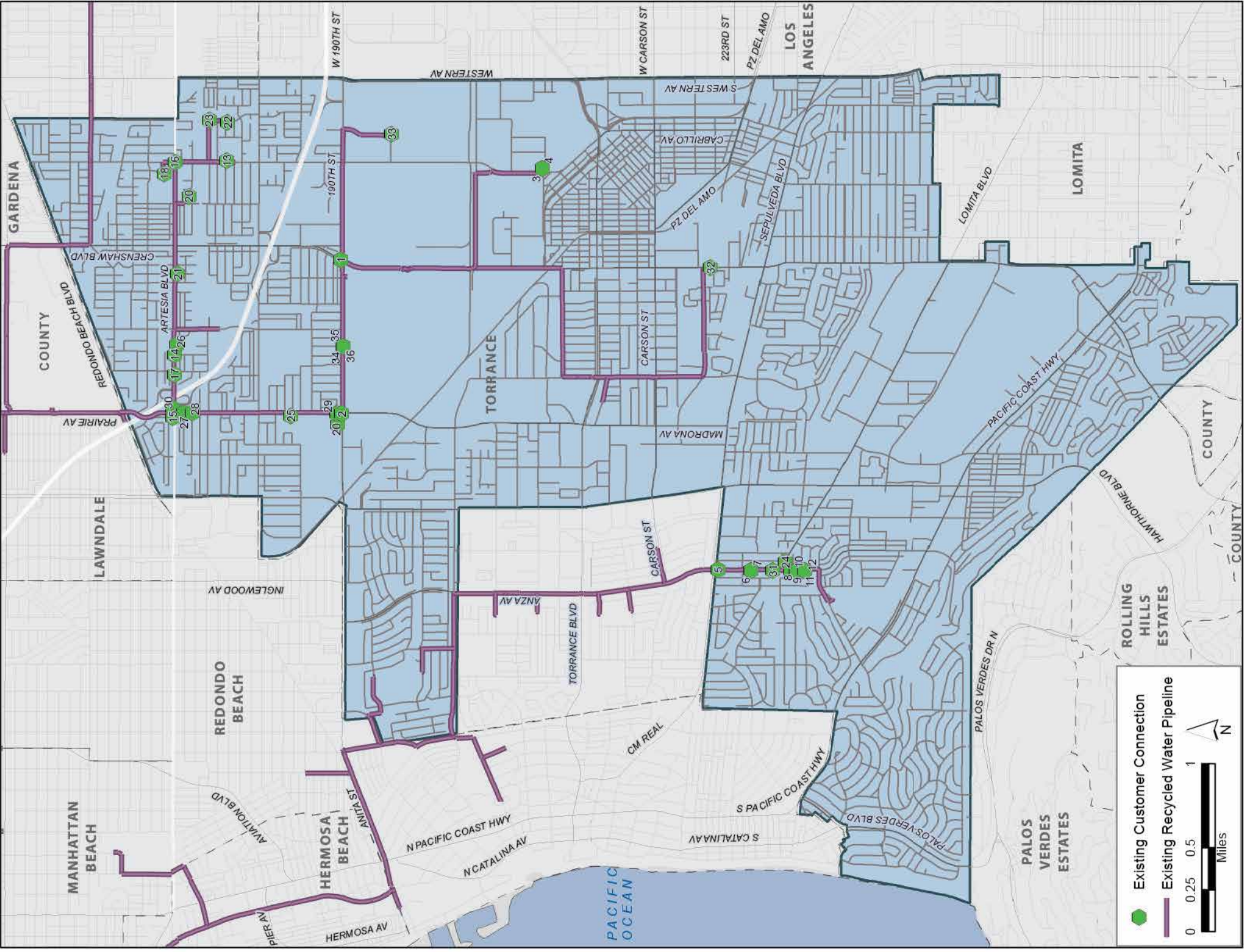


Total Use FY 2013-14		
City of Torrance		
1	190th St, 3403 - Median	-
2	190th St, 3403-Median	0.02
3	American Honda-A	2.39
4	American Honda-B	1.74
5	Anza Medians #3	1.28
6	Anza Medians #4	0.80
7	Anza Medians #4a	0.26
8	Anza Medians #5	0.03
9	Anza Medians #6	-
10	Anza Medians #6a	-
11	Anza Medians #7	-
12	Anza Medians #7a	0.15

13	Arlington School	7.82
14	Artesia Blvd / Kornblum	1.59
15	Artesia Blvd / Prairie	1.34
16	Artesia Blvd / Van Ness	1.78
17	Artesia Blvd Median	2.96
18	Casimir School	10.44
19	Columbia Park	146.59
20	Descanso Park	5.99
21	Falda Ave	0.14
22	Guenser Park	57.46
23	Kobata Growers	6.72
24	La Paloma Park*	-
25	Magruder Middle School	8.28
26	McMaster Park	7.68

27	Prairie Ave. @ 175th Place	-
28	Prairie Ave. @ 175th Street	-
29	Prairie Ave. @ 190th Street	-
30	Prairie Ave. @ Artesia Blvd.	-
31	Seaside Heroes Park	3.48
32	Torrance Business Center	7.78
33	Toyota Motor Sales	69.22
Total		345.94
City of Torrance - Mobil		
34	Mobil Boiler Feed	2,398.80
35	Mobil Cooling Towers	3,767.78
36	Mobil Irrigation	16.17
Total		6,182.75

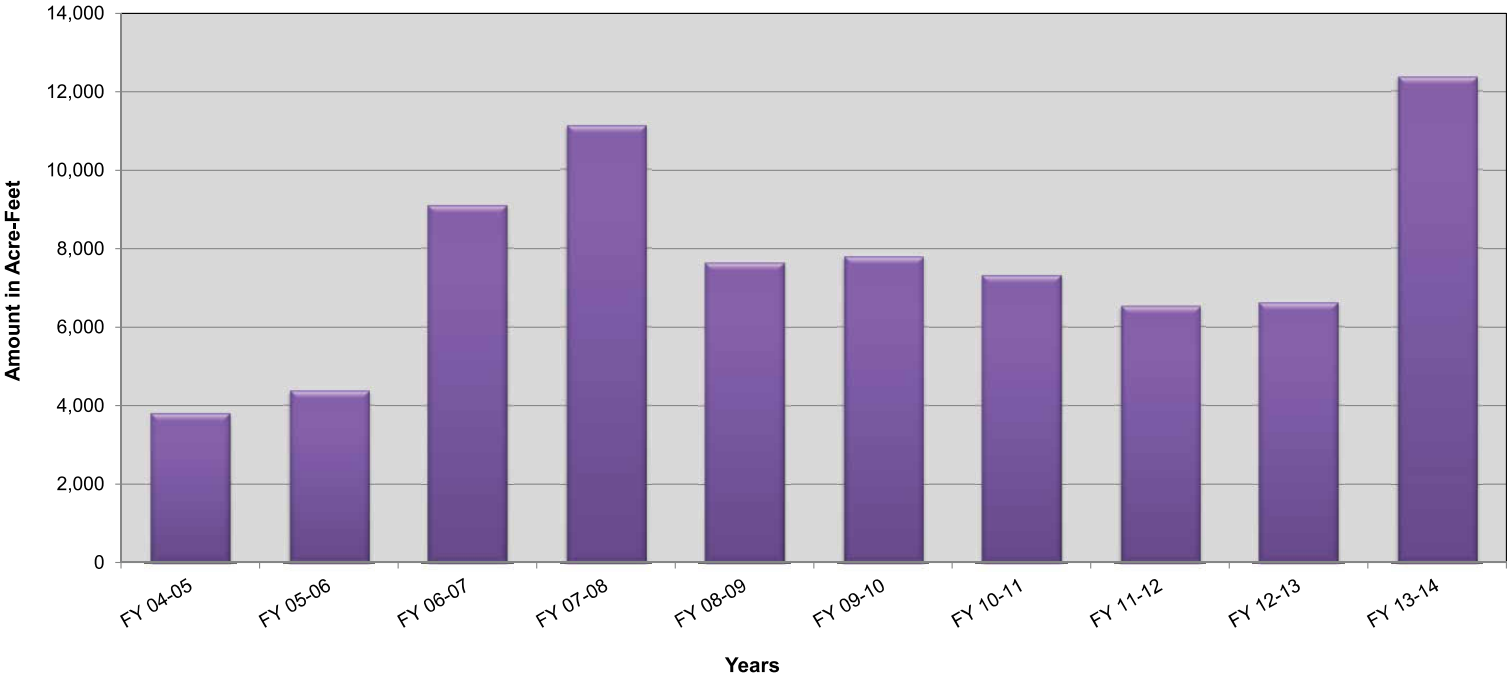
* This data reflects the total for multiple meter connections.
The map on the following page corresponds to the numbers listed in the left column in the table above.



Water Recycling Program | Torrance and Mobil

Water Replenishment District of Southern California

Recycled Water Use



Total Use FY 2013-14	
West Coast Barrier	12,372.08
Total	12,372.08

The background is a solid green color with several overlapping, wavy, horizontal bands of lighter green, creating a sense of depth and movement.

RATES

FY 2014-15 Water Rates and Charges

Adopted FY 2014-15 Water Rates and Charges

Rates Effective July 1, 2014 to December 31, 2014

	MWD Commodity	MWD RTS	Reliability Svc Charge	Total
Non-Interruptible & Barrier (<i>Tier1</i>)	\$890/AF	\$112/AF	\$169/AF	\$1,171/AF
Non-Interruptible & Barrier (<i>Tier2</i>)	\$1,032/AF	\$112/AF	\$169/AF	\$1,313/AF

Rates Effective January 1, 2015

	MWD Commodity	MWD RTS	Reliability Svc Charge	Total
Non-Interruptible & Barrier (<i>Tier1</i>)	\$923/AF	\$112/AF	\$169/AF	\$1,204/AF
Non-Interruptible & Barrier (<i>Tier2</i>)	\$1,055/AF	\$112/AF	\$169/AF	\$1,336/AF

MWD Non-Interruptible Commodity Rate

Effective Dates

	<u>1/1/14</u>	<u>1/1/15</u>
Supply Rate Tier 1	\$148	\$158
Supply Rate Tier 2	\$290	\$290
System Access Rate	\$243	\$256
Water Stewardship Rate	\$41	\$41
Treatment Rate	\$297	\$343
Power Rate	<u>\$161</u>	<u>\$125</u>
Total Tier 1	\$890	\$923
Total Tier2	\$1,032	\$1,055

Capacity Charge

Designated Amount¹

Effective Jul 1 to Dec 31, 2014

\$6,600/cfs

Effective Jan 1, 2015

\$8,800/cfs

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

Monthly Water Service Charge

Effective July 1, 2014

WBMWD Water Service Charge

\$51/cfs²

(2) Per cfs as determined by agency's meter capacity

WBMWD Recycled Water Rates

Effective July 1, 2014

Volume (AF/Month)	WBMWD Service Area	West Coast Barrier (<4,500AF)	West Coast Barrier (4,500+AF)	Low Pressure Boiler Feed	Nitrified	High Pressure Boiler Feed	Outside Service Area
0-25	\$955/AF	\$1,112/AF	\$586/AF	\$1,183/AF	\$935/AF	\$1,539/AF	\$997/AF
25-50	\$945/AF	\$1,112/AF	\$586/AF	\$1,183/AF	\$935/AF	\$1,539/AF	\$987/AF
50-100	\$935/AF	\$1,112/AF	\$586/AF	\$1,183/AF	\$935/AF	\$1,539/AF	\$977/AF
100-200	\$925/AF	\$1,112/AF	\$586/AF	\$1,183/AF	\$935/AF	\$1,539/AF	\$967/AF
200+	\$915/AF	\$1,112/AF	\$586/AF	\$1,183/AF	\$935/AF	\$1,539/AF	\$957/AF

District Contact Information

General Number.....310.217.2411
General Fax.....310.217.2414

General Manager.....Rich Nagel.....310.660.6210
Assistant General Manager.....Shivaji Deshmukh.....310.660.6234

DEPARTMENT MANAGERS

Administration.....Charlene Jensen.....310.660.6229
Customer Development and Environmental Compliance.....Joe Walters.....310.660.6208
Engineering.....Shivaji Deshmukh.....310.660.6234
Finance/Billing.....Margaret Moggia.....310.660.6256
Human Resources.....Michelle Green.....310.660.6228
Operations/Water Quality.....Christiana Daisy (*Interim*).....310.660.6233
Water Policy and Resources Development.....Fernando Paludi.....310.660.6214
Public Information and Conservation.....Ron Wildermuth.....310.660.6258

WEST BASIN MUNICIPAL WATER DISTRICT
17140 S. Avalon Blvd., Suite 210 | Carson, CA 90746
www.westbasin.org

