

WEST BASIN MUNICIPAL WATER DISTRICT

WATER USE REPORT

Fiscal Year 2011-2012



www.westbasin.org

Fiscal Year 2011-2012 Accomplishments

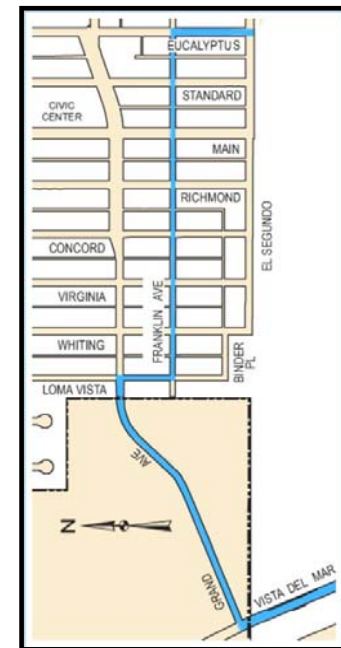
Finance

- Board approved a new Designated Funds Policy and approved updated Swap, Debt Management and Investment Policies;
- Presented updates to the financial model to the Board of Directors in September 2011 and January 2012 to determine the affordability of various capital projects to implement Water Reliability 2020;
- Received an Excellence Award in Operating Budget by the California Society of Municipal Finance Officers for Fiscal Year 2011-2012;
- Refunded approximately \$70 Million in Certificates of Participation resulting in net present value savings of over \$6 Million;
- Financed Phase V and NRG projects initially through the Commercial Paper funding and then refinanced as Revenue Bonds in November 2011 and April 2012; and
- Effectively utilized the Commercial Paper Program to provide interim financing for capital projects and pay interest earnings of less than 1% compared to the long term average rate of approximately 4%.



Capital Improvement Program

- Initiated Design-Build efforts for the Phase V ECLWRF Expansion Project to serve an additional 5 million gallons per day (MGD) of Barrier Water, 0.5 MGD of boiler-feed water to NRG, and expand Title 22 water capacity, including the addition of ozonation as pretreatment to the micro filtration systems;
- Finalized design and initiated construction of the NRG Recycled Water Pipeline to serve low-pressure boiler feed quality water to the NRG Power Plant in El Segundo;
- Completed construction of the Carson Mall Lateral;
- Completed construction of the Dominguez Booster Pump Station to provide adequate hydraulic system pressure and water quality to planned customers; and



NRG Pipeline – City of El Segundo

- Completed construction of the Torrance Booster Pump Station to provide adequate hydraulic system pressure and water quality to planned customers.

Water Recycling Operations

- Completed Asset Management Implementation Plan with prioritized recommendations to move forward with enhanced information that led to informed decision-making;
- Performed approximately 200 annual visual inspections of recycled water sites;
- Installed 540 microfiltration membranes at the Exxon Mobil satellite plant and more than 1,000 reverse osmosis membranes at the ECLWRF;
- Repaired the nitrification product tank at the Carson satellite plant;
- Re-started ferric chloride demonstration test at the Hyperion Wastewater Treatment Plant;
- Completed and submitted more than 50 compliance reports to the regulatory agencies;
- Completed and signed the Source Control Implementation Plan which is an integral part of the Blue Ribbon Panel Recommendation for providing 100% recycled water to the West Coast Barrier;
- Completed antiscalant testing to determine most cost-effective antiscalant; and
- Concluded Hyperion Pump Station Expansion study which enables West Basin to increase the water supply from Hyperion to support these projects and others.

Public Information & Conservation

- Continued our expanded Water Explorations school tour program to serve more middle and high schools in West Basin's service area, and added young adult SEALab student instructors and tours of desalination facility;
- Continued active tour program for the Temporary Ocean-Water Desalination Project for elected officials, sponsors, media and industry VIPs;
- Continued to use the Water Education Center with the Temporary Ocean-Water Desalination Project to outreach and educate area residents about the need for new, local and reliable water supplies;
- West Basin's WR 2020 outreach program won the top award in the national Public Relations Society of America Silver Anvil in early 2012 and the Los Angeles



"Water Is Life" Student Art Contest Grand Prize Winner

Public Relations Society of American PRISM Award contest and the Best Overall Public Relations program in Los Angeles in 2011;

- Launched West Basin's Facebook page to reach target audiences;
- Held Water and Energy Expo for local citizens (approximately 300 attendees) wishing to learn more about conserving water outside for their home; and
- Installed an Ocean-Friendly Demonstration Garden at an Inglewood Fire Station.

Resources Planning

- 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;
- Successfully advocated in opposition to SB 701 and AB 954, which threatened the region's management authority over the groundwater basin and would have caused increased costs to regional groundwater pumpers;
- 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 Plan;
- Completed the District's 2010 Urban Water Management Plan and Water Demand Assessment Model to project water demands within the District's service area; and
- Provided extensive advocacy on behalf of West Basin and the region in support of an increased authorization to fund the Harbor South Bay Water Recycling project, a regional partnership to build recycled water pipelines throughout the South Bay region.

Water Quality Monitoring Program

- Completed annual customer water quality reports for 3 participating retailers;
- 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; and
- Provided groundwater quality data to the West Basin Watermaster for inclusion in the annual Watermaster report.

Coming in Fiscal Year 2012-2013

Finance

- Meet with rating agencies to discuss upcoming debt issuances for the continued expansion of the recycled water system; and
- Update Long-Range Financial Model to project revenue needs, capital funding and appropriate rates and charges.

Capital Improvement Program

- Finalize Design-Build efforts for implementation of the Phase V ECLWRF Expansion Project;
- Complete all aspects of the Ocean-Water Desalination Program Master Plan;
- Continue with demonstration testing and validation of the Temporary Ocean-Water Desalination Demonstration Project;
- Finalize design efforts for the Los Angeles Harbor Area Expansion project to serve LADWP refinery customers with over 9,000 AFY of high-quality nitrified Title 22 water;
- Initiate feasibility study and initial pre-design efforts for the Hyperion Effluent Pumping Station Expansion and Secondary Electrical Feed Project; and
- 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 the District's customers.



Phase V Construction

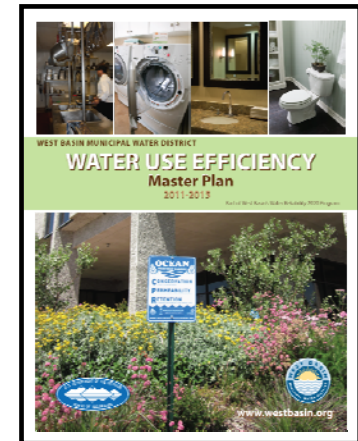
Water Recycling Operations

- Implement the prioritized asset management recommendations to maximize the asset life and optimize maintenance activities;
- Replace reverse osmosis elements in Barrier trains 1, 2, 3, and 9 at the ECLWRF;
- Install carbon dioxide injection system at the nitrification facilities to increase recycled water sales;
- Complete Phase II ferric chloride addition test at Hyperion to improve water quality;
- Include federal Unregulated Contaminant Monitoring Rule sampling in the Water Quality Monitoring Program; and

- Continue to support existing customer water quality inquiries.

Public Information & Conservation

- Develop a plan to improve our education programs, including pre and post-testing, add additional information on the West Basin Website and conduct an audit by an outside education expert;
- Integrate “new media” such as Twitter and YouTube into outreach;
- Develop a one-day local water tour for community leaders;
- Continue developing new communication vehicles to showcase West Basin’s “new” brand and value including new State of the District event;
- Coordinate frequent meetings with media focused on current issues facing the water industry and West Basin; and
- Continue to implement the Water Efficiency and Conservation programs.



Water Use Efficiency Master Plan

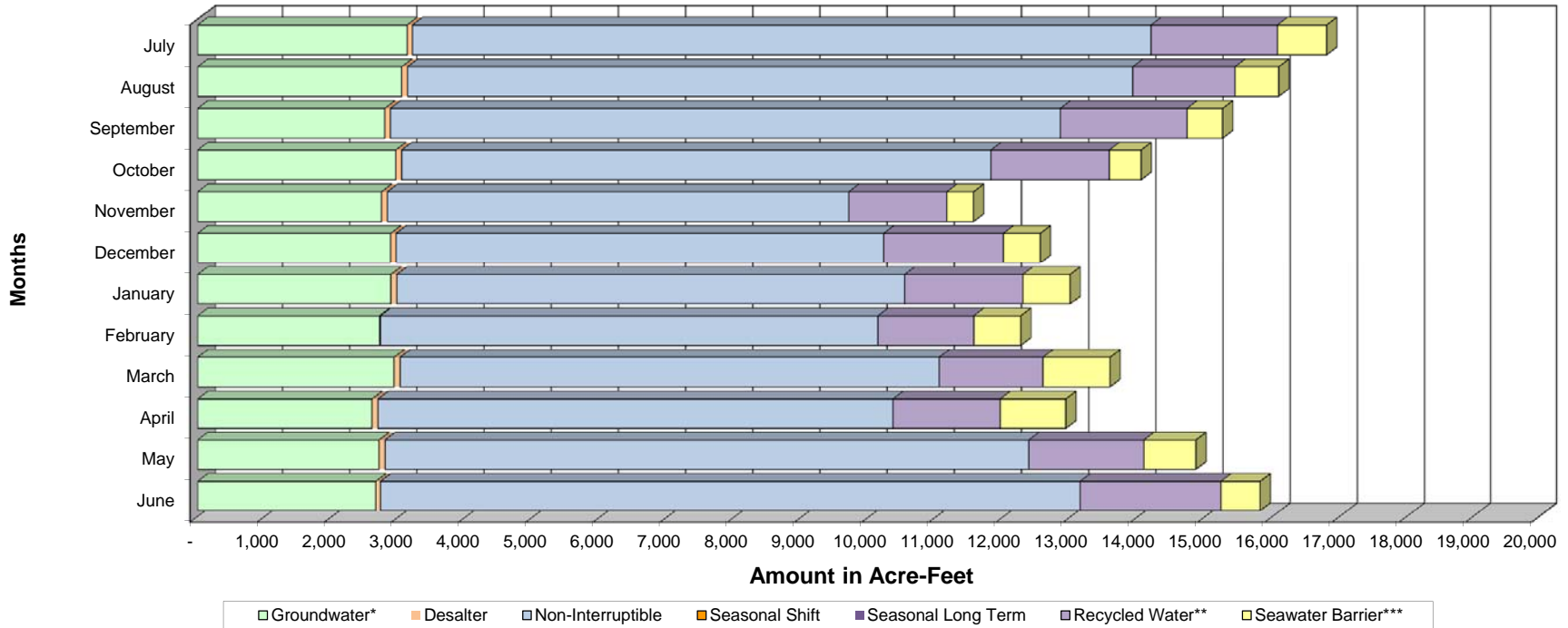
Resources Planning

- 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 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;
- Secure a policy commitment from MWD for local/regional ocean-water desalination program development partnership, to build upon West Basin’s Ocean-Water Desalination Program Master Plan;
- Continue leadership role in the Greater Los Angeles County Integrated Regional Water Management Plan, including administration, on behalf of the Region, of new consultant contract to develop updated Plan; and
- Continue to play a leading role in the development of policy and legislative matters; as well as the advocacy activities for CalDesal and WateReuse.

Water Quality Monitoring Program

- Continue to monitor and report on the Water Quality Monitoring Program; and
- Assist in producing the Triennial Public Health Goals Report for purveyors.

**WEST BASIN MUNICIPAL WATER DISTRICT
FY 2011-12**



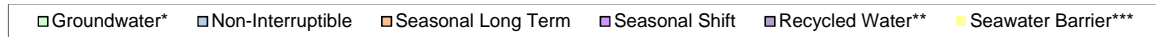
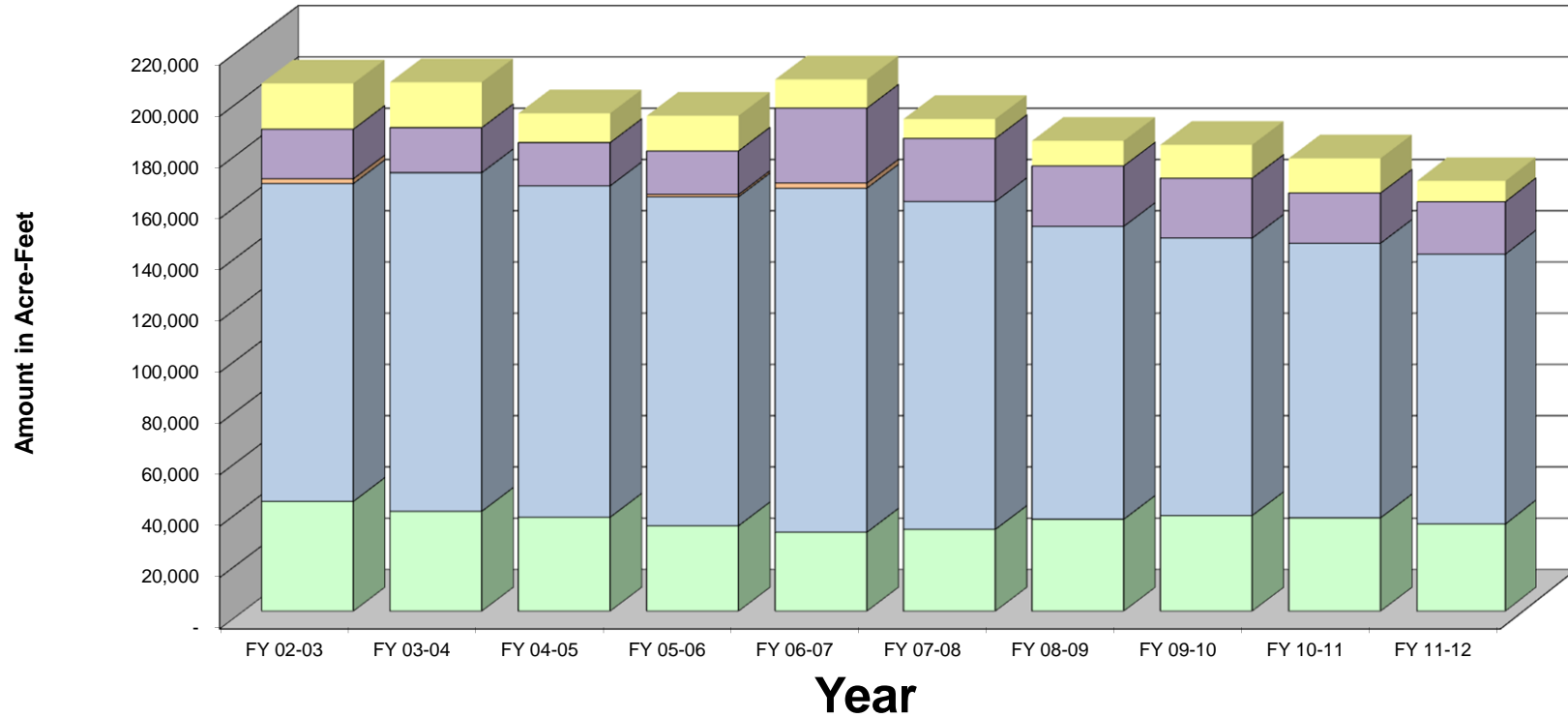
West Basin MWD	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	3,118.00	3,037.30	2,784.86	2,949.55	2,736.31	2,873.27	2,876.66	2,707.71	2,923.66	2,594.56	2,700.59	2,651.07	33,953.54
Desalter	80.90	87.80	84.60	88.10	88.40	82.10	88.30	14.70	91.60	91.50	89.30	71.00	958.30
Non-Interruptible	10,993.49	10,794.79	9,972.55	8,771.38	6,867.80	7,256.66	7,561.44	7,405.40	8,022.85	7,663.46	9,583.18	10,415.93	105,308.93
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water**	1,881.56	1,522.23	1,885.97	1,762.88	1,459.23	1,781.86	1,758.27	1,427.31	1,544.84	1,597.81	1,713.22	2,096.03	20,431.21
Seawater Barrier***	732.21	650.41	529.05	472.22	396.10	548.84	701.66	697.60	998.05	975.44	773.02	582.17	8,056.77
Total	16,806.16	16,092.53	15,257.03	14,044.13	11,547.84	12,542.73	12,986.33	12,252.72	13,581.00	12,922.77	14,859.31	15,816.20	168,708.75

*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.

WEST BASIN MUNICIPAL WATER DISTRICT 10 Year Water Use



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater*	42,740.75	38,871.42	36,583.44	33,256.68	30,740.78	31,831.10	35,773.30	37,230.53	36,334.05	33,953.54	35,731.56
Non-Interruptible	124,021.63	132,143.84	129,315.41	128,346.84	134,244.32	127,925.33	114,293.23	108,260.92	107,151.44	105,308.93	121,101.19
Seasonal Long Term	1,864.20	-	-	910.50	1,981.50	-	-	-	-	-	475.62
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Recycled Water**	19,364.01	17,578.10	16,863.27	16,987.18	29,250.02	24,594.11	23,587.89	23,331.35	19,578.97	20,431.21	21,156.61
Seawater Barrier***	17,876.77	17,737.01	11,399.72	13,722.31	11,161.68	7,608.68	9,773.57	13,054.18	13,533.66	8,056.77	12,392.44
Total	205,867.36	206,330.37	194,161.84	193,223.51	207,378.30	191,959.22	183,427.99	181,876.98	176,598.12	167,750.45	190,857.41

*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

Total Water Use

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

Contact: Mr. Garry Hofer, Operations Manager
Office: (626) 614-2510

2013 Capacity Reservation Charge (cfs)*

2009 = 1.2

2010 = 5.2

2011 = 4.1

Peak = 5.2

*Note: The 2013 CRC is the highest daily average flow for the past three years.

Imported Connections

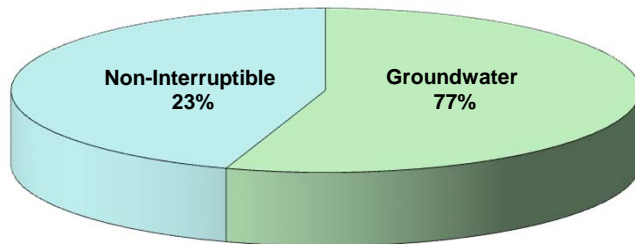
WB-22

WB-27

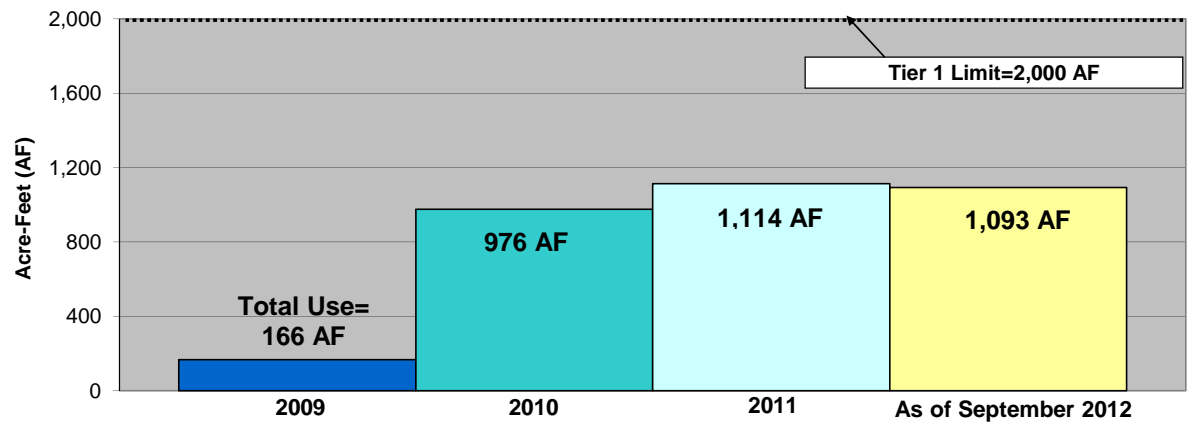
Adjudicated Water Rights

2,067 AF

FY 2011/12 Sources of Water Supplies

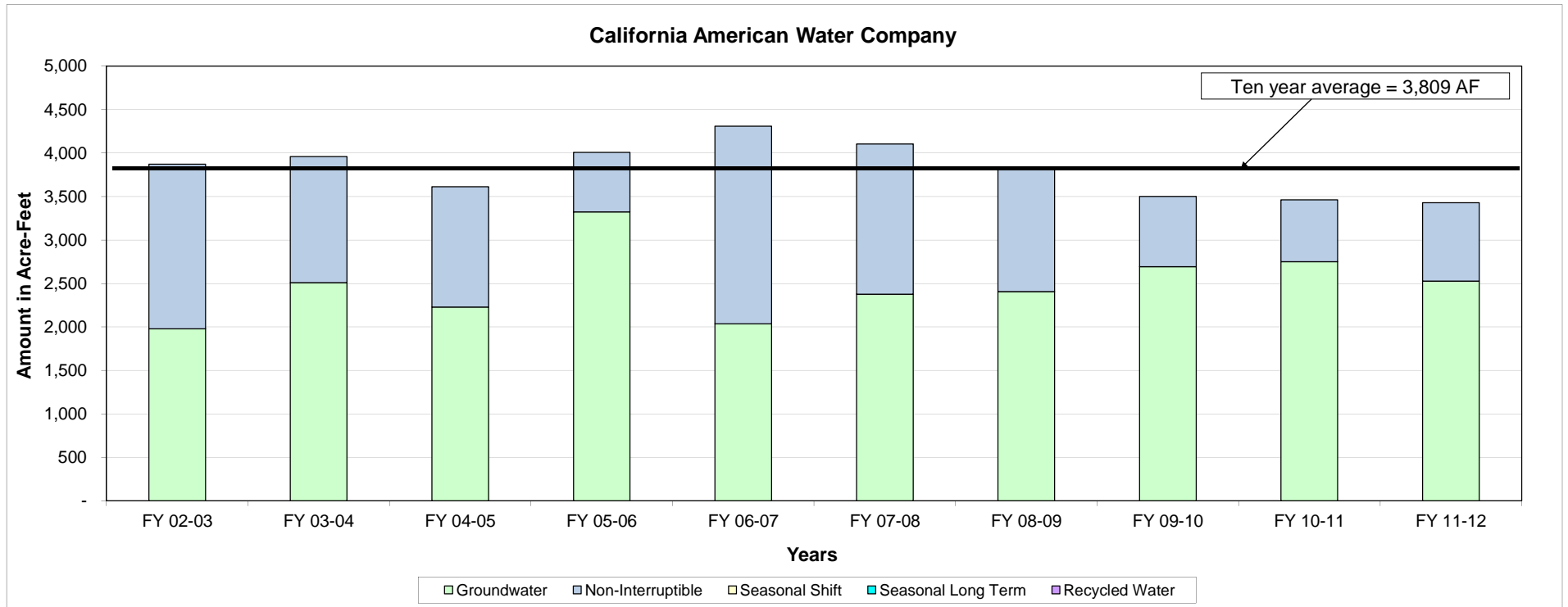


California American Water Company Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	186.68	208.39	228.47	256.03	112.55	150.57	214.73	221.85	273.48	223.70	283.98	166.16	2,526.59
Non-Interruptible	152.10	168.00	81.90	27.40	119.80	124.90	10.20	17.40	-	-	47.00	153.10	901.80
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	338.78	376.39	310.37	283.43	232.35	275.47	224.93	239.25	273.48	223.70	330.98	319.26	3,428.39

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



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	1,978.62	2,509.49	2,228.07	3,324.46	2,036.60	2,377.74	2,405.98	2,691.70	2,749.96	2,526.59	2,482.92
Non-Interruptible	1,892.20	1,450.60	1,383.80	681.80	2,271.90	1,725.30	1,435.80	808.80	711.80	901.80	1,326.38
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	3,870.82	3,960.09	3,611.87	4,006.26	4,308.50	4,103.04	3,841.78	3,500.50	3,461.76	3,428.39	3,809.30

California Water Service Company- Dominguez

Total Water Use

California Water Service Company- Dominguez

2632 West 237th Street
Torrance, CA 90505-5272

Contact: Mr. Henry Wind, District Manager

Office: (310) 257-1436

Fax: (310) 325-4605

2013 Capacity Reservation Charge (cfs)*

2009 = 43.0

2010 = 52.1

2011 = 44.8

Peak = 52.1

*Note: The 2013 CRC is the highest daily average flow for the past three years.

Imported Connections

WB-9 WB-21

WB-10 WB-35

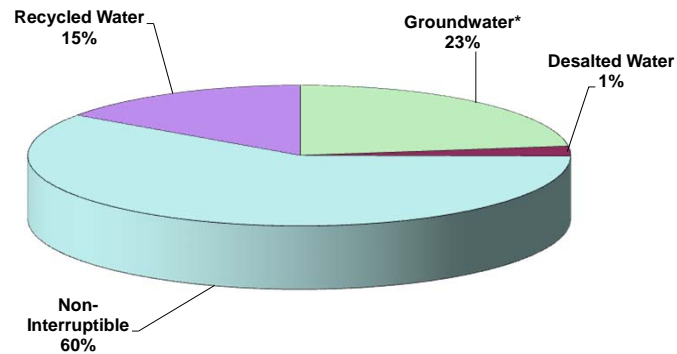
WB-14 WB-36

WB-19 WB-39

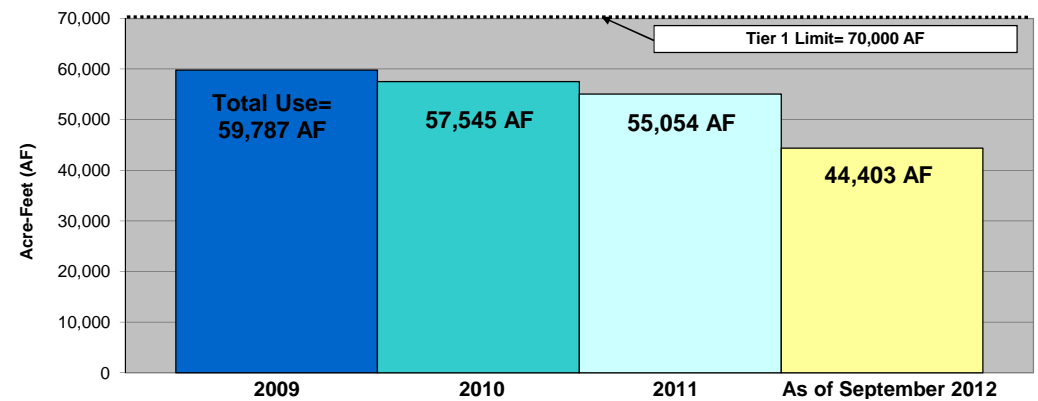
Adjudicated Water Rights

10,417 AF

FY 2011/12 Sources of Water Supplies



California Water Service Company* Imported Water Usage for Purchase Agreement



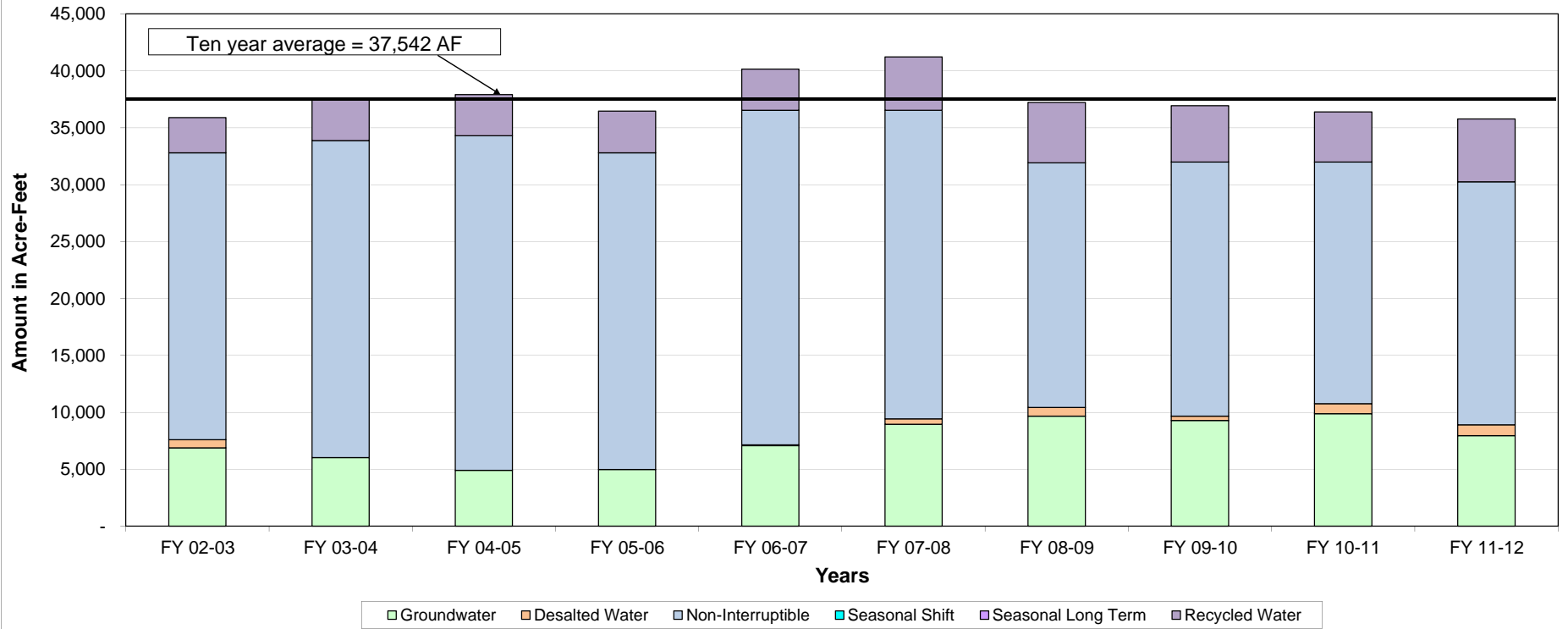
* This reflects all Cal Water Service Co. customers for West Basin.

Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	810.31	653.56	639.99	768.68	823.72	801.46	667.77	738.96	595.63	443.12	465.19	550.18	7,958.57
Desalted Water**	80.90	87.80	84.60	88.10	88.40	82.10	88.30	14.70	91.60	91.50	89.3	71.00	958.30
Non-Interruptible	2,107.00	2,175.80	2,064.80	1,634.80	1,255.30	1,401.30	1,587.20	1,503.50	1,667.60	1,638.80	2,081.80	2,202.50	21,320.40
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	540.46	468.05	579.94	458.73	432.43	474.67	460.23	379.34	383.92	423.63	359.09	561.46	5,521.95
Total	3,538.67	3,385.21	3,369.33	2,950.31	2,599.85	2,759.53	2,803.50	2,636.50	2,738.75	2,597.05	2,995.38	3,385.14	35,759.22

*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.

California Water Service Company-Dominguez



Type of Water Supply*	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	6,890.54	6,036.94	4,912.07	4,992.43	7,069.66	8,962.43	9,666.29	9,297.84	9,885.16	7,958.57	7,567.19
Desalted Water	716.00	-	-	-	88.60	467.37	770.70	371.90	881.60	958.30	425.45
Non-Interruptible	25,190.40	27,836.20	29,378.90	27,804.70	29,372.00	27,094.80	21,482.80	22,309.70	21,226.00	21,320.40	25,301.59
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	3,092.31	3,639.38	3,615.50	3,665.49	3,610.23	4,690.03	5,292.89	4,958.66	4,391.87	5,521.95	4,247.83
Total	35,889.25	37,512.52	37,906.47	36,462.62	40,140.49	41,214.63	37,212.68	36,938.10	36,384.63	35,759.22	37,542.06

*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

Total Water Use

California Water Service Company- Hawthorne

2632 West 237th Street
Torrance, CA 90505-5272

Contact: Mr. Henry Wind, District Manager

Office: (310) 257-1436

Fax: (310) 325-4605

2013 Capacity Reservation Charge (cfs)*

2009 = 9.1

2010 = 7.7

2011 = 7.9

Peak = 9.1

*Note: The 2013 CRC is the highest daily average flow for the past three years.

Imported Connections

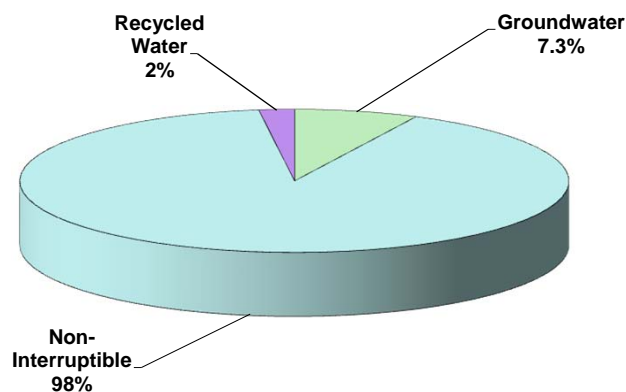
WB-18

WB-20

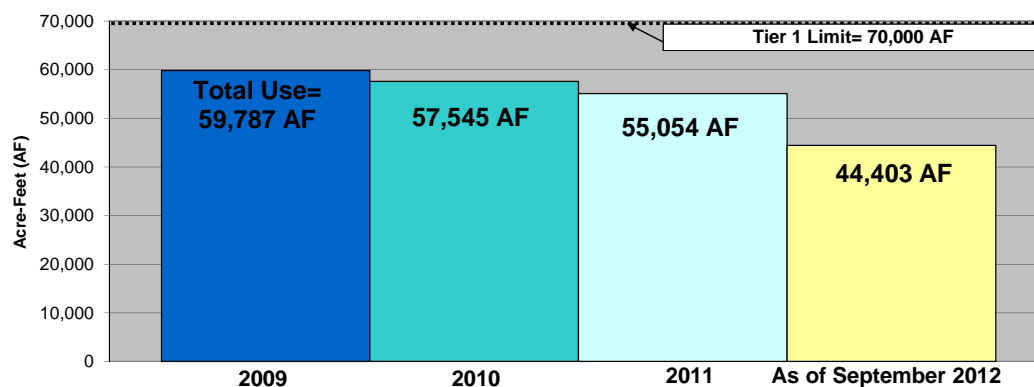
Adjudicated Water Rights

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FY 2011/12 Sources of Water Supplies



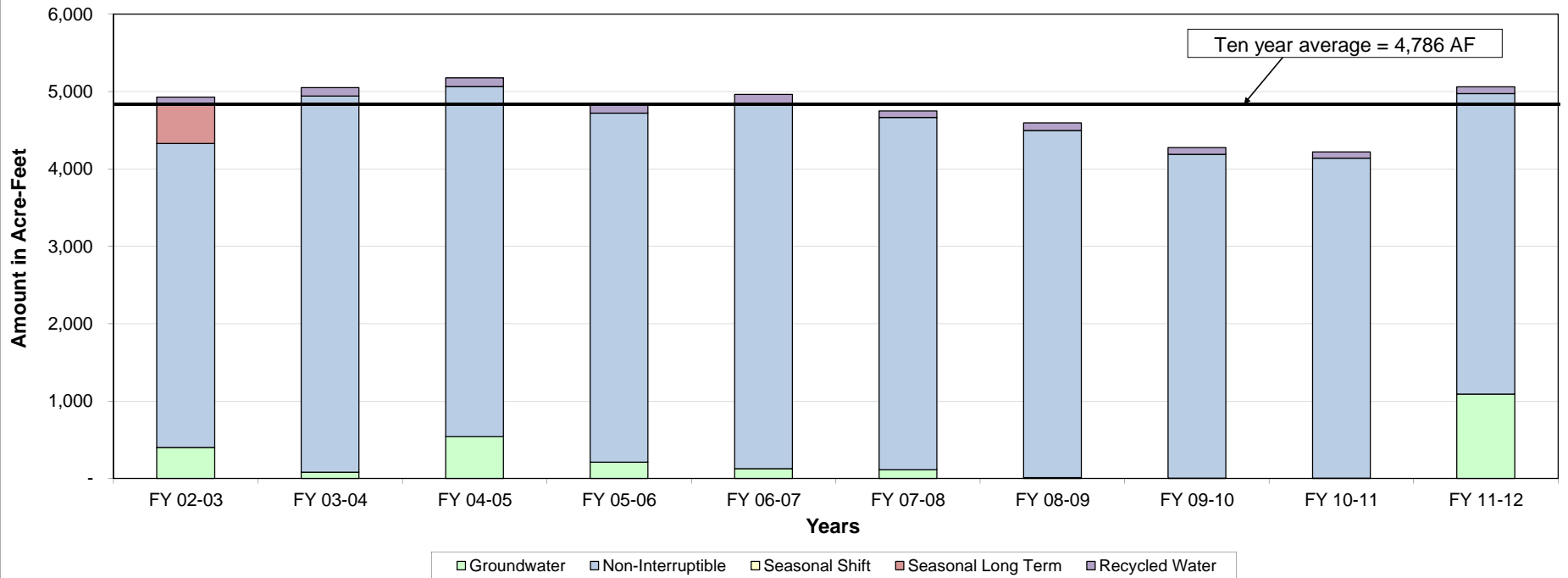
California Water Service Company* Imported Water Usage for Purchase Agreement



* This reflects all Cal Water Service Co. customers for West Basin.

Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	0.13	1.87	0.02	0.57	-	6.34	18.27	22.57	12.94	24.21	94.27	131.6	312.79
Non-Interruptible	386.20	382.90	354.30	348.10	318.80	334.00	334.10	306.20	332.70	308.50	252.40	225.00	3,883.20
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	12.07	12.18	12.79	8.64	5.86	5.08	4.29	2.2	5.11	4.69	5.42	11.32	89.65
Total	398.40	396.95	367.11	357.31	324.66	345.42	356.66	330.97	350.75	337.40	352.09	367.92	4,285.64

California Water Service Company-Hawthorne



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	398.85	77.56	539.30	207.84	123.09	110.04	8.21	0.92	3.07	1,089.43	255.83
Non-Interruptible	3,931.00	4,862.80	4,526.80	4,514.10	4,723.30	4,554.10	4,488.80	4,186.10	4,137.20	3,883.20	4,380.74
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	497.60	-	-	-	-	-	-	-	-	-	49.76
Recycled Water	100.58	111.77	110.64	111.04	117.72	84.79	98.61	90.38	79.20	89.65	99.44
Total	4,928.03	5,052.13	5,176.74	4,832.98	4,964.11	4,748.93	4,595.62	4,277.40	4,219.47	5,062.28	4,785.77

California Water Service Company- Hermosa Redondo

Total Water Use

California Water Service Company- Hermosa Redondo

2632 West 237th Street
Torrance, CA 90505-5272

Contact: Mr. Henry Wind, District Manager

Office: (310) 257-1436

Fax: (310) 325-4605

2013 Capacity Reservation Charge (cfs)*

2009 = 23.4

2010 = 22.0

2011 = 22.4

Peak = 23.4

Imported Connections

WB-2B WB-16

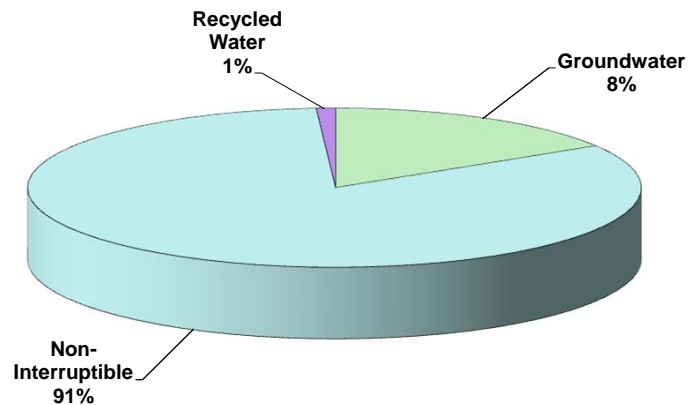
WB-5 WB-29

Adjudicated Water Rights

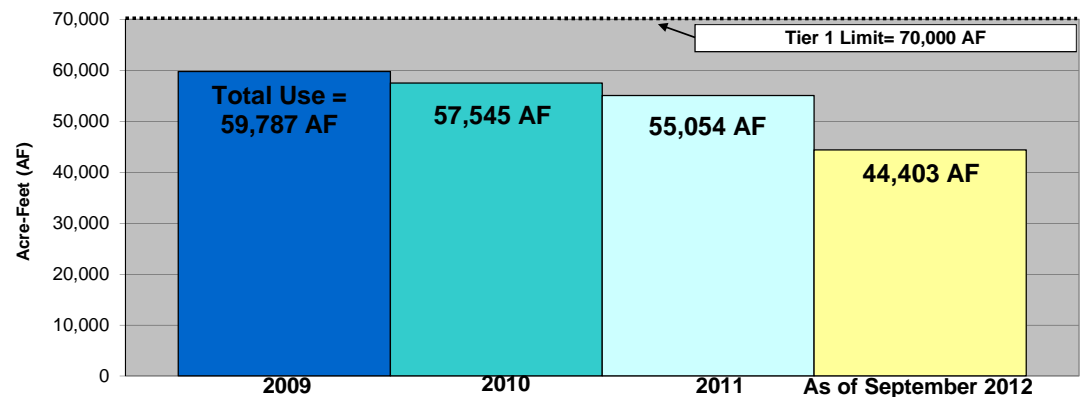
4,070 AF

*Note: The 2013 CRC is the highest daily average flow for the past three years.

FY 2011/12 Sources of Water Supplies



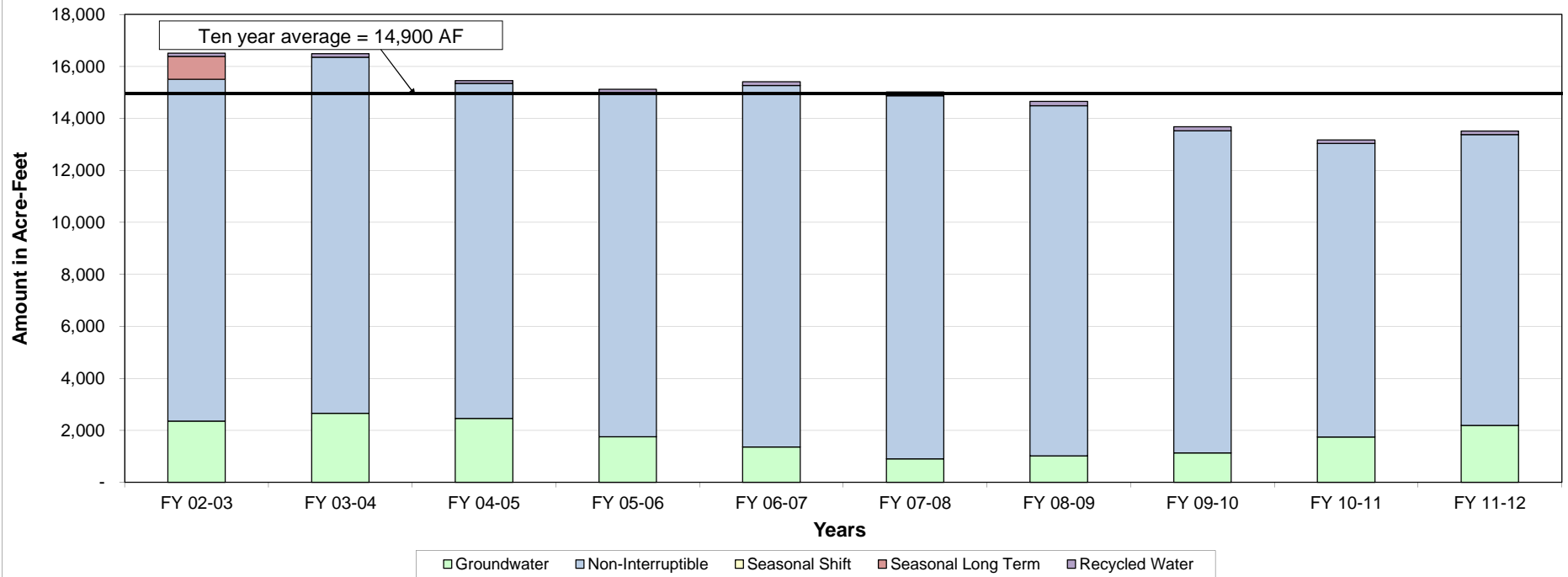
California Water Service Company* Imported Water Usage for Purchase Agreement



* This reflects all Cal Water Service Co. customers for West Basin.

Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	195.11	197.65	187.63	187.48	178.32	181.7	176.24	168.11	181.79	170.16	181.04	180.74	2,185.97
Non-Interruptible	1,114.90	1,095.40	1,041.30	943.10	797.90	782.30	799.00	793.80	867.20	867.50	1,013.40	1,078.90	11,194.70
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	21.71	18.83	21.21	14.18	9.26	3.29	6.24	5.00	5.25	4.76	7.05	18.96	135.74
Total	1,331.72	1,311.88	1,250.14	1,144.76	985.48	967.29	981.48	966.91	1,054.24	1,042.42	1,201.49	1,278.60	13,516.41

California Water Service Company-Hermosa Redondo



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	2,358.06	2,653.41	2,454.17	1,756.05	1,362.27	898.67	1,018.36	1,130.05	1,738.53	2,185.97	1,755.55
Non-Interruptible	13,145.60	13,695.90	12,888.30	13,239.50	13,907.10	13,970.90	13,470.90	12,392.50	11,295.20	11,194.70	12,920.06
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	876.60	-	-	-	-	-	-	-	-	-	87.66
Recycled Water	130.49	143.63	106.89	119.05	140.88	144.52	162.55	150.20	132.73	135.74	136.67
Total	16,510.75	16,492.94	15,449.36	15,114.60	15,410.25	15,014.09	14,651.81	13,672.75	13,166.46	13,516.41	14,899.94

California Water Service Company- Palos Verdes

Total Water Use

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

Contact: Mr. Henry Wind, District Manager
 Office: (310) 257-1436
 Fax: (310) 325-4605

2013 Capacity Reservation Charge (cfs)*

2009 = 52.7

2010 = 45.5

2011 = 43.7

Peak = 52.7

*Note: The 2013 CRC is the highest daily average flow for the past three years.

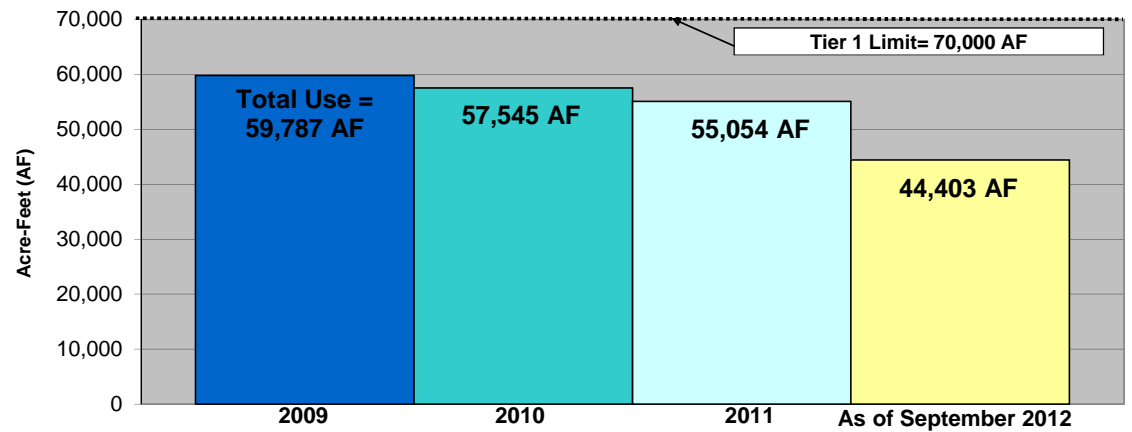
Imported Connections

WB-6A WB-32

WB-6B WB-40

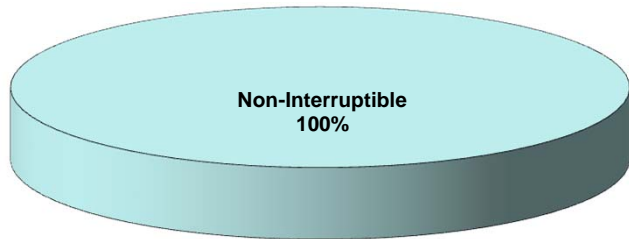
Adjudicated Water Rights

California Water Service Company* Imported Water Usage for Purchase Agreement

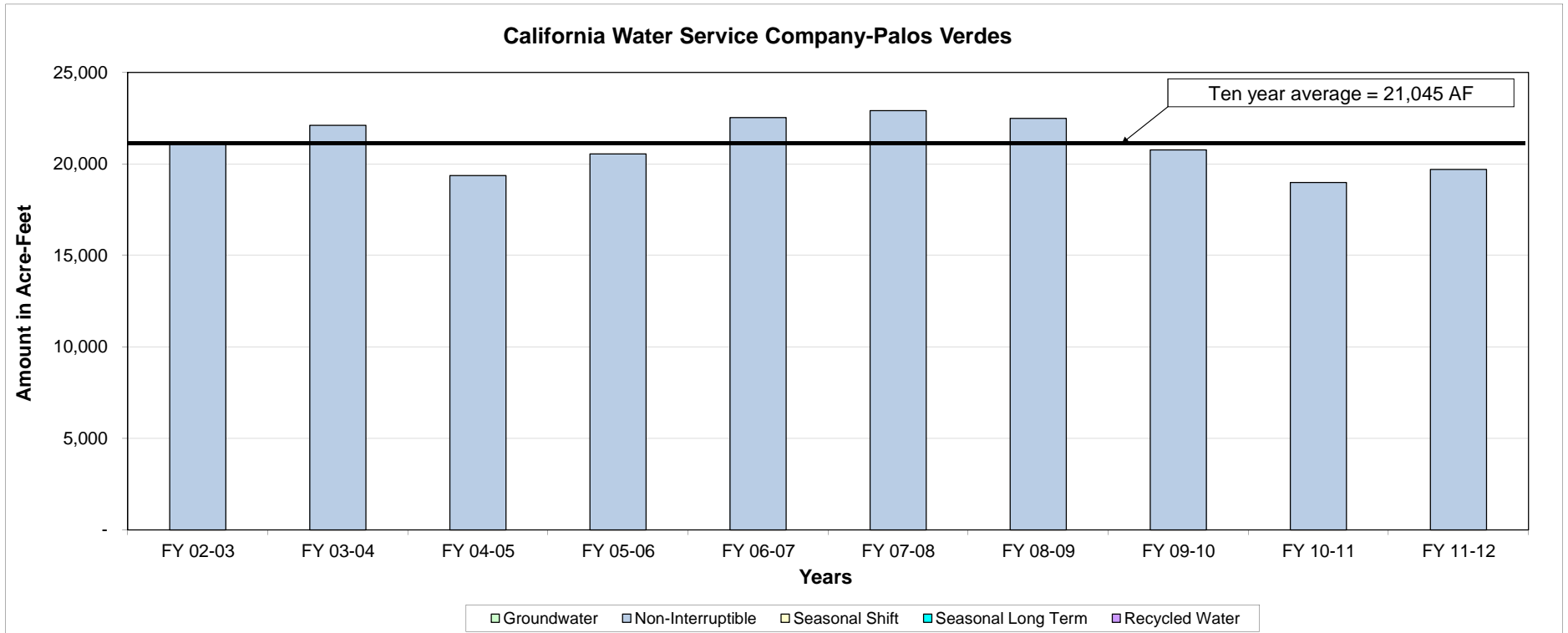


* This reflects all Cal Water Service Co. customers for West Basin.

FY 2011/12 Sources of Water Supplies



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	2,243.40	2,182.60	1,981.70	1,721.30	1,225.50	1,307.50	1,357.50	1,238.70	1,390.40	1,311.70	1,768.50	1,964.40	19,693.20
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2,243.40	2,182.60	1,981.70	1,721.30	1,225.50	1,307.50	1,357.50	1,238.70	1,390.40	1,311.70	1,768.50	1,964.40	19,693.20



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	21,052.00	22,105.80	19,370.90	20,544.80	22,538.40	22,910.50	22,485.30	20,765.00	18,983.50	19,693.20	21,044.94
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	21,052.00	22,105.80	19,370.90	20,544.80	22,538.40	22,910.50	22,485.30	20,765.00	18,983.50	19,693.20	21,044.94

City of El Segundo Total Water Use

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

Contact: Mr. James Turner, Utilities Manager
Office: (310) 524-2742
Fax: (310) 322-4070

2013 Capacity Reservation Charge (cfs)*

2009 = 24.0
2010 = 13.7
2011 = 18.2
Peak = 24.0

Imported Connections

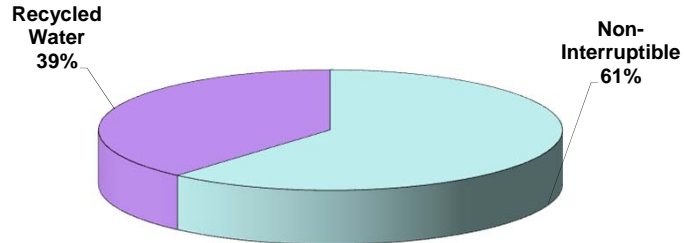
WB-03
WB-28

Adjudicated Water Rights

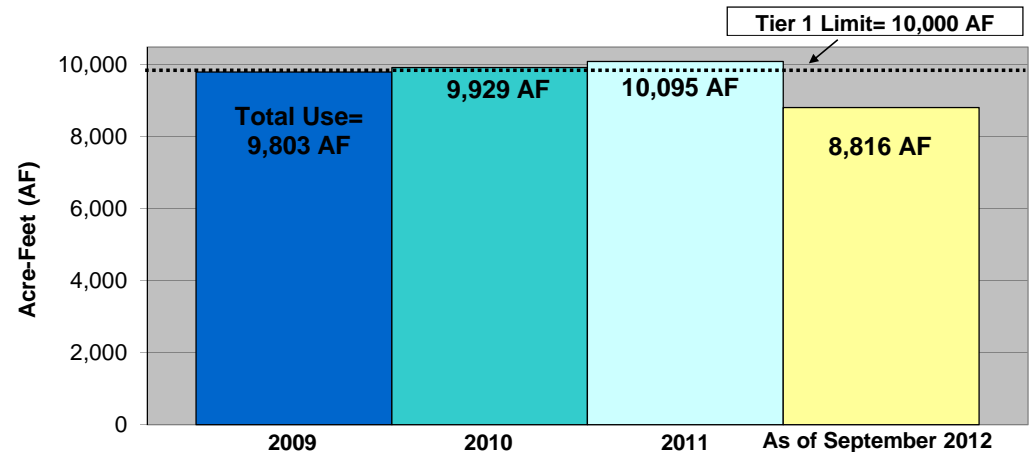
953 AF

*Note: The 2013 CRC is the highest daily average flow for the past three years.

FY 2011/12 Sources of Water Supplies

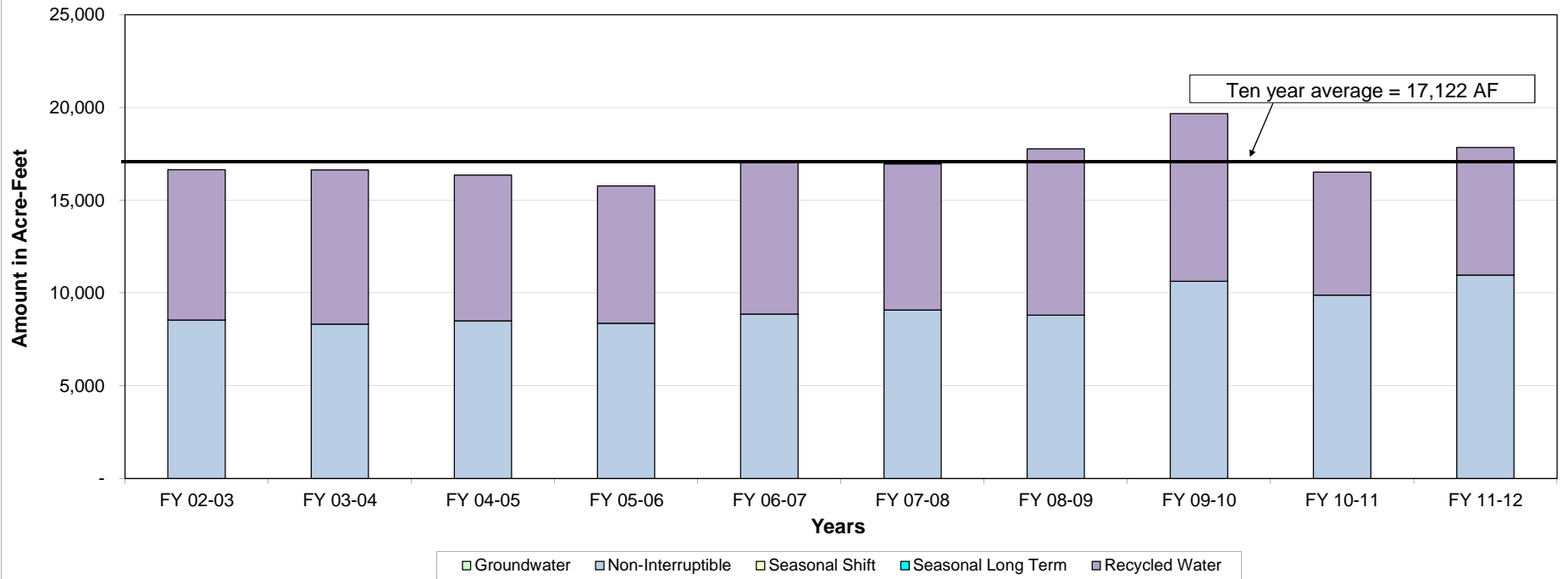


City of El Segundo Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	1,058.29	984.39	900.05	905.28	593.00	667.06	821.04	938.00	1,094.15	952.86	1,033.18	1,013.23	10,960.53
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	507.52	469.87	544.11	530.27	538.97	616.78	695.9	511.31	614.17	594.24	581.46	683.05	6,887.65
Total	1,565.81	1,454.26	1,444.16	1,435.55	1,131.97	1,283.84	1,516.94	1,449.31	1,708.32	1,547.10	1,614.64	1,696.28	17,848.18

City of El Segundo



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	8,542.93	8,320.39	8,491.91	8,362.64	8,861.42	9,084.93	8,794.73	10,631.62	9,884.74	10,960.53	9,193.58
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	8,102.17	8,310.17	7,868.41	7,404.51	8,200.97	7,864.89	8,977.91	9,034.50	6,637.52	6,887.65	7,928.87
Total	16,645.10	16,630.56	16,360.32	15,767.15	17,062.39	16,949.82	17,772.64	19,666.12	16,522.26	17,848.18	17,122.45

City of Inglewood

Total Water Use

City of Inglewood
One Manchester Blvd
Inglewood, CA 90301

Contact: Mr. Jim Davis, Acting Public Works Director
Office: (310) 412-5333
Fax: (310) 412-5552

2013 Capacity Reservation Charge (cfs)*

2009 = 16.7
2010 = 14.1
2011 = 15.2
Peak = 16.7

*Note: The 2013 CRC is the highest daily average flow for the past three years.

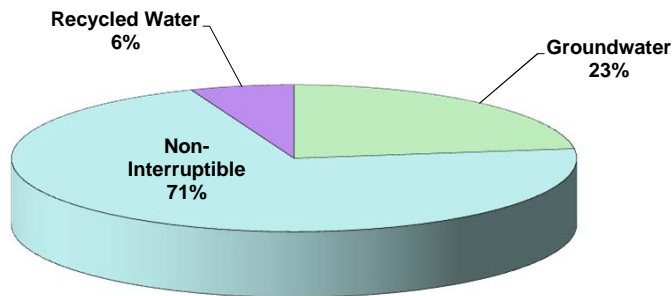
Imported Connections

WB-17
WB-38

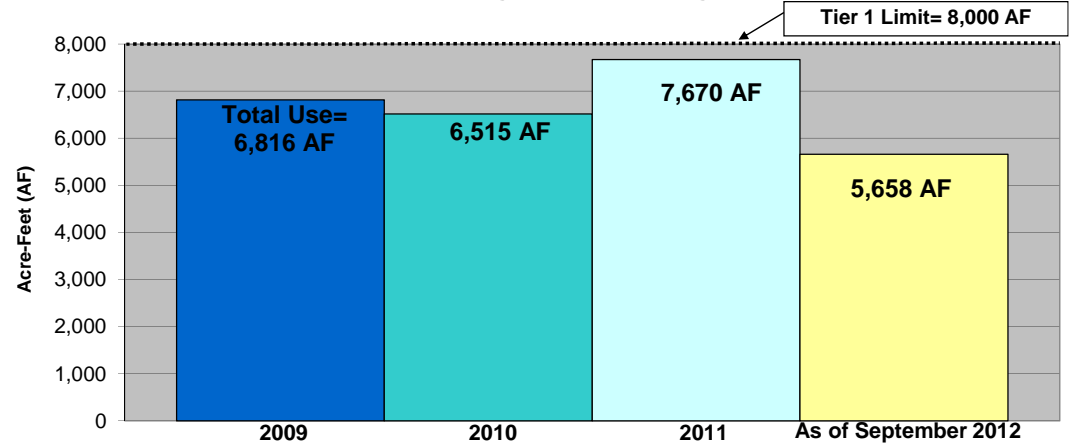
Adjudicated Water Rights

4,450 AF

FY 2011/12 Sources of Water Supplies

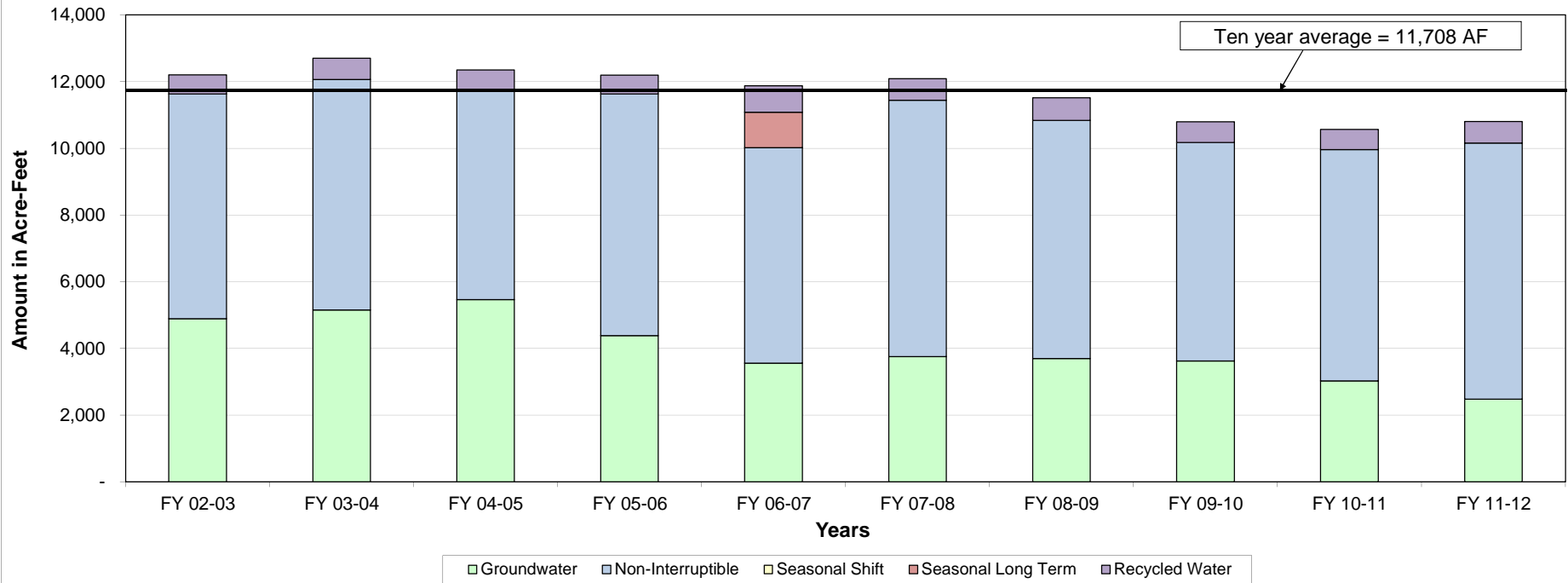


City of Inglewood Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	229.40	197.69	109.23	132.56	139.12	202.42	269.96	214.73	269.75	266.61	203.8	240.26	2,475.53
Non-Interruptible	755.10	754.00	781.70	721.90	623.30	587.50	525.70	528.00	542.30	507.50	671.90	686.00	7,684.90
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	103.34	113.99	72.93	31.95	21.83	9.59	36.72	28.22	43.95	12.68	73.14	93.21	641.55
Total	1,087.84	1,065.68	963.86	886.41	784.25	799.51	832.38	770.95	856.00	786.79	948.84	1,019.47	10,801.98

City of Inglewood



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	4,892.06	5,149.05	5,461.95	4,377.27	3,551.28	3,751.00	3,695.39	3,622.15	3,020.34	2,475.53	3,999.60
Non-Interruptible	6,734.50	6,911.50	6,289.50	7,248.30	6,464.80	7,688.70	7,136.80	6,551.80	6,938.50	7,684.90	6,964.93
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	1,062.30	-	-	-	-	-	106.23
Recycled Water	577.13	637.95	594.53	568.00	797.06	649.96	679.84	621.30	606.42	641.55	637.37
Total	12,203.69	12,698.50	12,345.98	12,193.57	11,875.44	12,089.66	11,512.03	10,795.25	10,565.26	10,801.98	11,708.14

Los Angeles County Waterworks District 29 and Marina Del Rey

Total Water Use

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

Contact: Mr. Dan Lafferty
 Office: (626) 300-3351
 Fax: (626) 300-3385

2013 Capacity Reservation Charge (cfs)*

2009 = 17.9
 2010 = 17.2
 2011 = 18.4
Peak = 18.4

Imported Connections

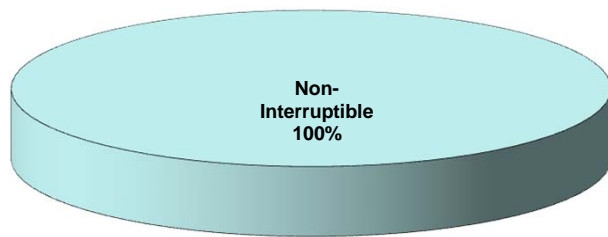
WB-26A
 WB-26B

Adjudicated Water Rights

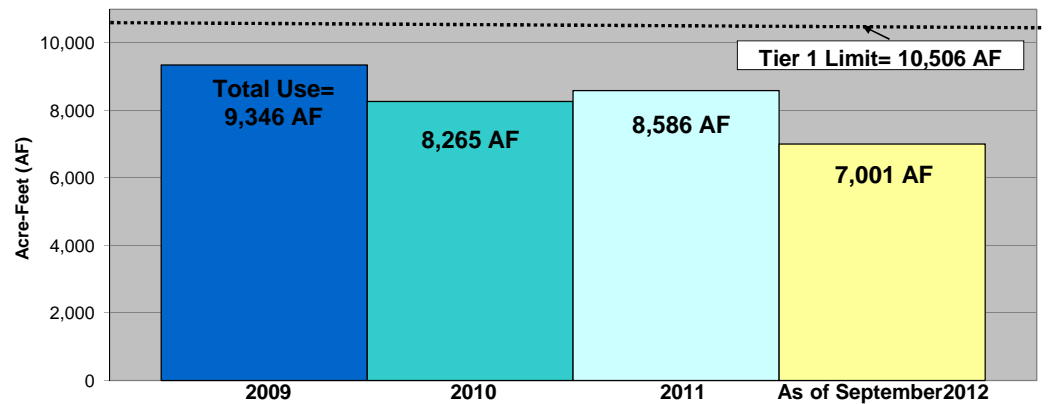
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*Note: The 2013CRC is the highest daily average flow for the past three years.

FY 2011/12 Sources of Water Supplies

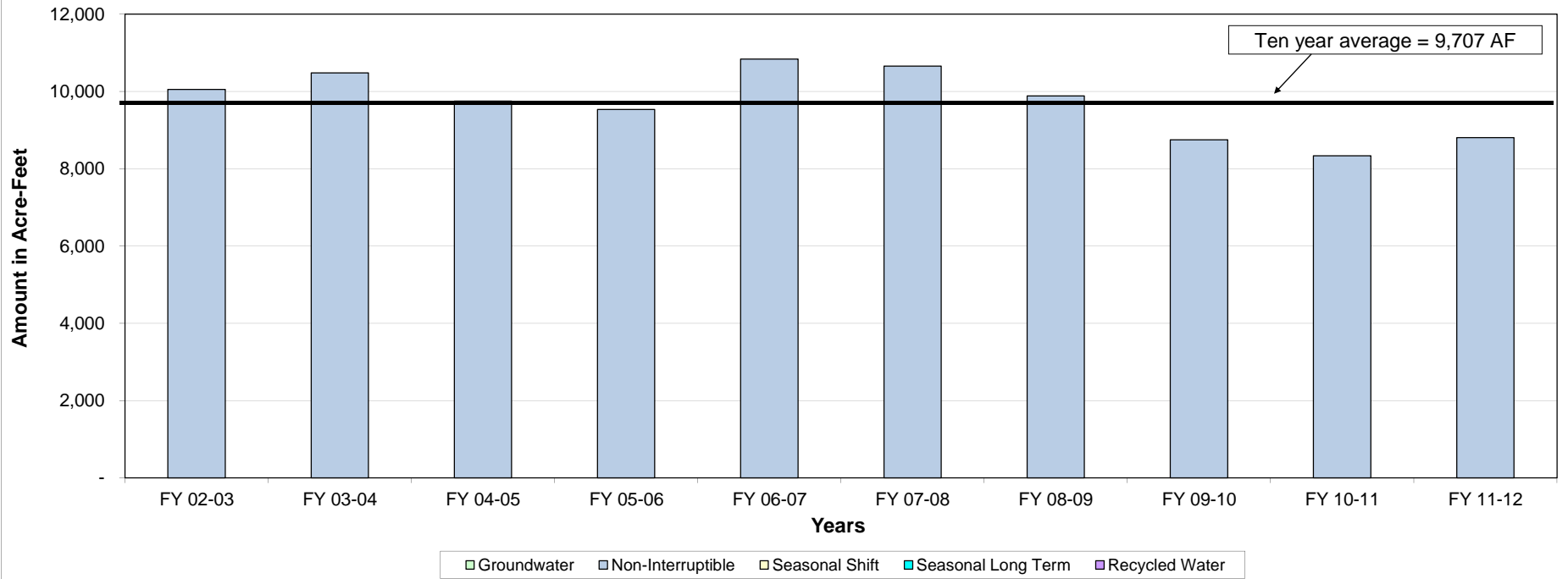


Los Angeles County Waterworks District 29 & Marina Del Rey Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	949.90	947.10	860.80	726.40	547.90	627.10	649.80	610.70	655.90	600.10	780.60	846.10	8,802.40
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	949.90	947.10	860.80	726.40	547.90	627.10	649.80	610.70	655.90	600.10	780.60	846.10	8,802.40

Los Angeles County Waterworks District 29 & Marina Del Rey



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	10,055.50	10,478.30	9,747.50	9,532.90	10,835.90	10,653.70	9,886.00	8,749.60	8,330.70	8,802.40	9,707.25
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	10,055.50	10,478.30	9,747.50	9,532.90	10,835.90	10,653.70	9,886.00	8,749.60	8,330.70	8,802.40	9,707.25

City of Lomita

Total Water Use

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

Contact: Mr. Vince Demasse, Public Works Director
Office: (310) 325-7110 Ext.124
Fax: (310) 325-4024

2013 Capacity Reservation Charge (cfs)*

2009 = 4.0
2010 = 4.3
2011 = 5.6

Peak = 5.6

*Note: The 2013 CRC is the highest daily average flow for the past three years.

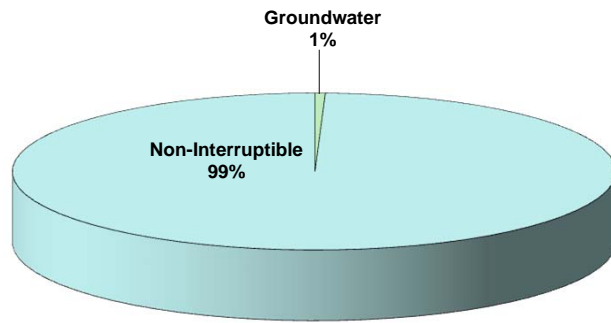
Imported Connections

WB-07
WB-08

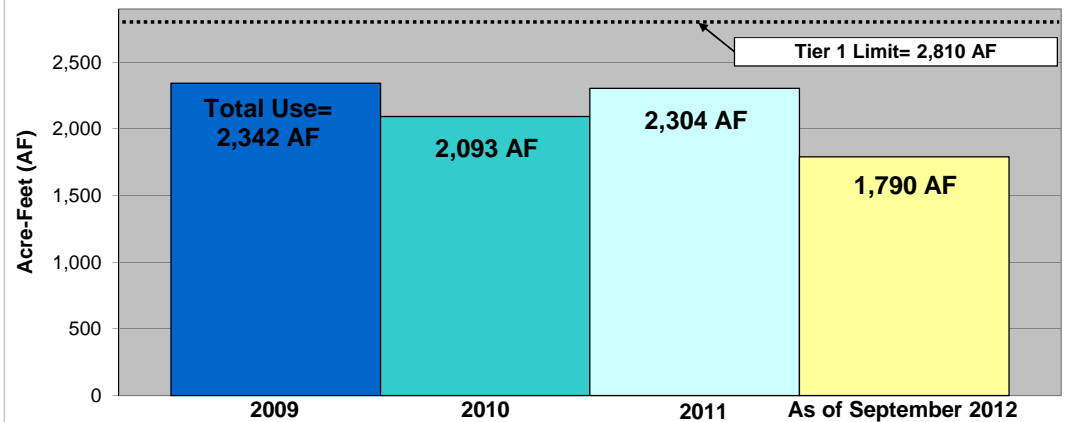
Adjudicated Water Rights

1,352 AF

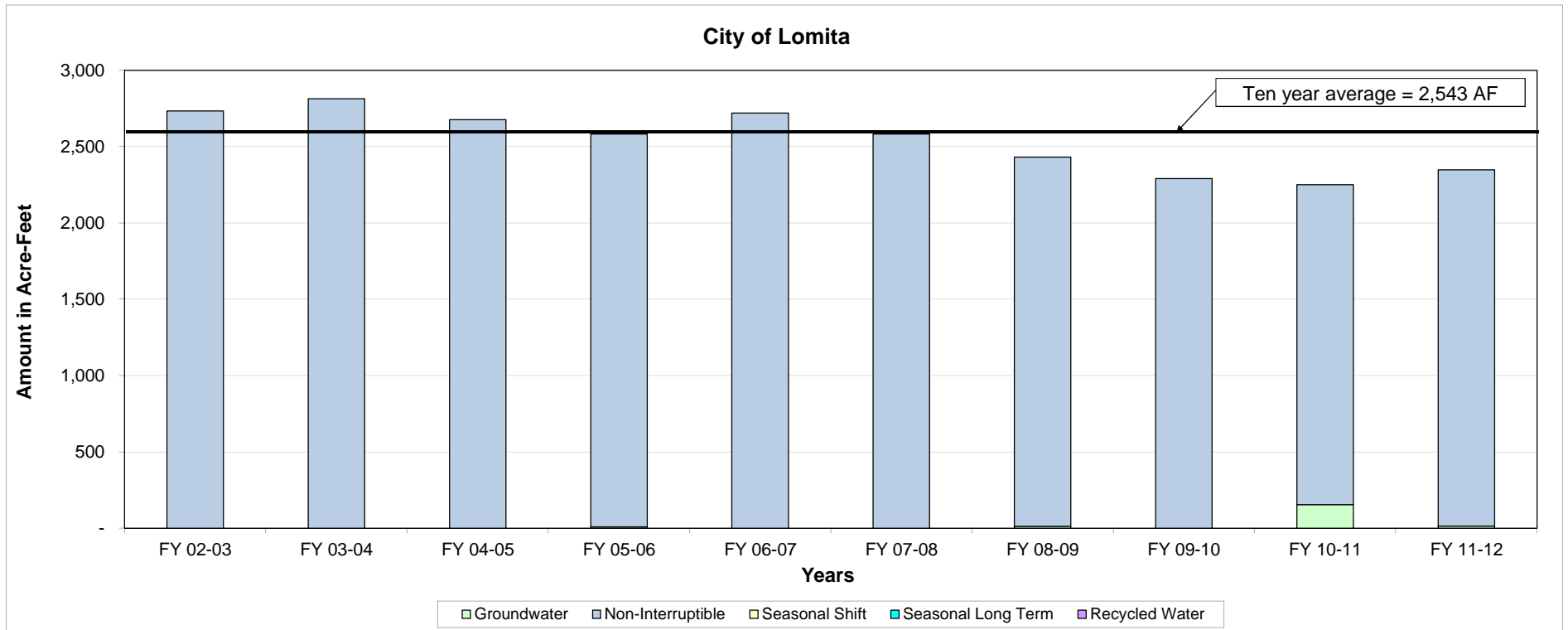
FY 2011/12 Sources of Water Supplies



City of Lomita Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	-	-	-	-	-	-	-	-	12.80	-	0.01	-	12.81
Non-Interruptible	229.90	230.30	212.00	198.80	176.50	174.20	175.90	172.00	175.40	176.30	203.20	211.50	2,336.00
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	229.90	230.30	212.00	198.80	176.50	174.20	175.90	172.00	188.20	176.30	203.21	211.50	2,348.81



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	-	-	-	7.62	-	-	11.60	-	154.66	12.81	18.67
Non-Interruptible	2,734.10	2,813.40	2,676.40	2,575.50	2,720.00	2,582.50	2,420.30	2,290.30	2,096.20	2,336.00	2,524.47
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	-	-	-	-	-	-	-	-	-	-	-
Total	2,734.10	2,813.53	2,676.40	2,583.12	2,720.00	2,582.50	2,431.90	2,290.30	2,250.86	2,348.81	2,543.14

City of Manhattan Beach

Total Water Use

City of Manhattan Beach

3621 Bell Ave.
Manhattan Beach, CA 90266

Contact: Mr. Jim Arndt, Public Works Director

Office: (310) 802-5302

Fax: (310) 802-5301

2013 Capacity Reservation Charge (cfs)*

2009 = 10.2

2010 = 10.1

2011 = 9.7

Peak = 10.2

*Note: The 2013 CRC is the highest daily average flow for the past three years.

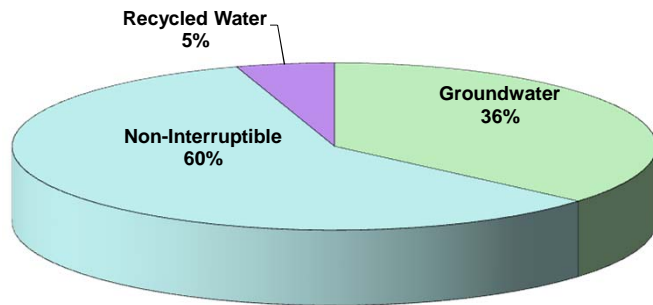
Imported Connections

WB-4

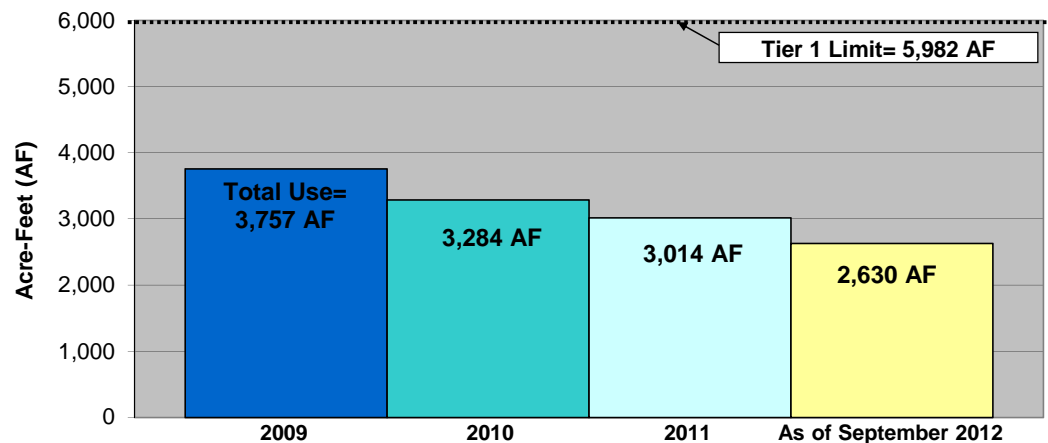
Adjudicated Water Rights

1,131 AF

FY 2011/12 Sources of Water Supplies

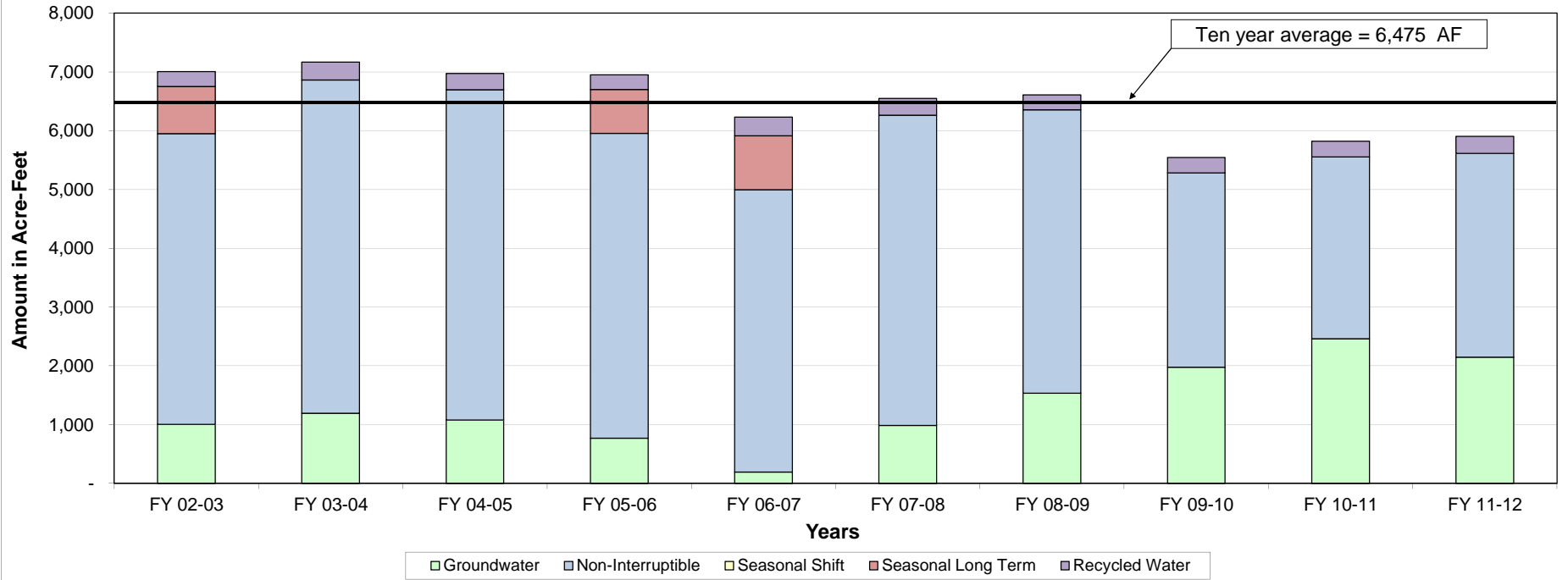


City of Manhattan Beach Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	231.61	229.98	221.30	216.38	201.82	186.45	167.63	94.05	218.24	213.79	120.06	46.56	2,147.87
Non-Interruptible	324.60	322.70	290.30	263.20	229.00	236.00	255.10	305.90	215.90	198.50	360.30	464.60	3,466.10
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	41.04	37.20	40.33	23.16	11.37	11.84	17.88	12.8	17.99	15.93	21.53	39.58	290.65
Total	597.25	589.88	551.93	502.74	442.19	434.29	440.61	412.75	452.13	428.22	501.89	550.74	5,904.62

City of Manhattan Beach



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	1,004.88	1,193.21	1,079.13	769.92	194.11	983.66	1,534.08	1,978.56	2,460.11	2,147.87	1,334.55
Non-Interruptible	4,944.60	5,670.10	5,619.50	5,184.70	4,802.00	5,277.70	4,821.60	3,301.00	3,094.80	3,466.10	4,618.21
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	803.80	-	-	744.70	919.20	-	-	-	-	-	246.77
Recycled Water	254.10	301.45	273.63	249.48	316.25	287.93	251.37	264.00	263.93	290.65	275.28
Total	7,007.38	7,164.76	6,972.26	6,948.80	6,231.56	6,549.29	6,607.05	5,543.56	5,818.84	5,904.62	6,474.81

Golden State Water Company

Total Water Use

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

Contact: Mr. Fred Adjarian, District Manager
Office: (310) 767-8201
Fax: (310) 907-7060

2013 Capacity Reservation Charge (cfs)*

2009 = 30.5

2010 = 34.9

2011 = 31.4

Peak = 34.9

*Note: The 2013 CRC is the highest daily average flow for the past three years.

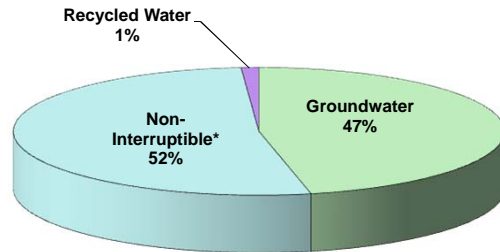
Imported Connections

WB-1	WB-15	WB-31
WB-2A	WB-23	WB-33
WB-11	WB-24	WB-34
WB-12	WB-25	
WB-13	WB-30	

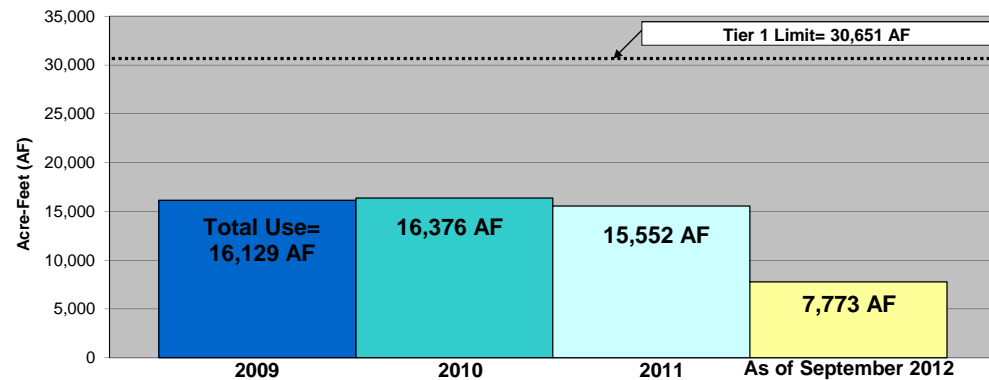
Adjudicated Water Rights

7,502 AF

FY 2011/12 Sources of Water Supplies

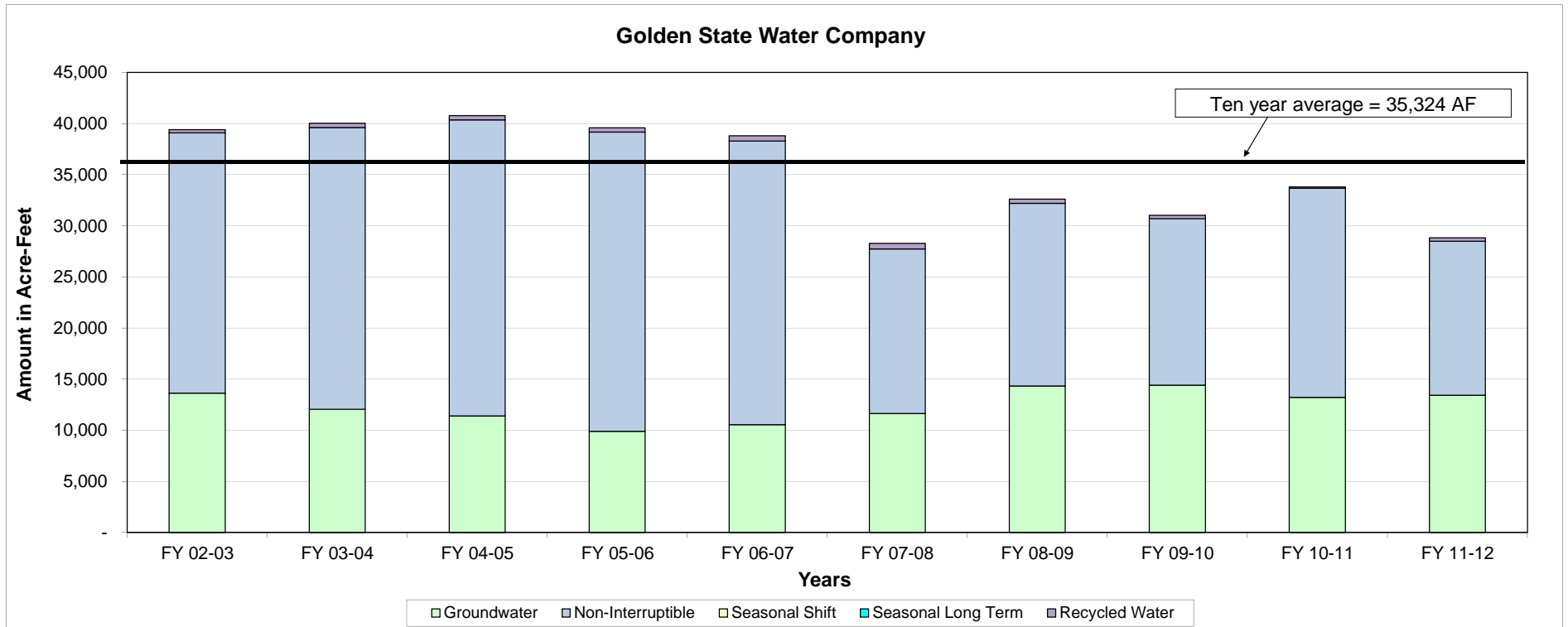


Golden State Water Company Imported Water Usage for Purchase Agreement



Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater	1,127.74	1,192.09	1,129.08	1,142.26	1,116.37	1,162.99	1,162.33	1,071.73	1,171.39	1,049.23	1,067.79	1,041.33	13,434.33
Non-Interruptible*	1,672.10	1,551.60	1,403.70	1,281.10	980.80	1,014.80	1,045.90	991.20	1,081.30	1,101.70	1,370.90	1,570.60	15,065.70
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	21.72	80.71	22.06	25.85	.31	9.51	5.51	2.34	24.75	41.58	28.13	70.95	333.42
Total	2,821.56	2,824.40	2,554.84	2,449.21	2,097.48	2,187.30	2,213.74	2,065.27	2,277.44	2,192.51	2,466.82	2,682.88	28,833.45

* This includes Culver City Imported Deliveries.



Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater	13,622.22	12,048.79	11,416.11	9,899.49	10,540.24	11,638.10	14,334.55	14,408.21	13,213.43	13,434.33	12,455.55
Non-Interruptible	25,485.00	27,555.30	28,941.90	29,261.10	27,747.50	16,103.40	17,870.20	16,274.50	20,452.80	15,065.70	22,475.74
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water	307.08	432.58	434.84	429.41	522.75	552.42	410.00	360.07	147.50	333.42	393.01
Total	39,414.30	40,036.67	40,792.85	39,590.00	38,810.49	28,293.92	32,614.75	31,042.78	33,813.73	28,833.45	35,324.29

Water Replenishment District of Southern California

Total Water Use

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

Contact: Mr. Robb Whitaker, General Manager
 Office: (562) 407-1925
 Fax: (562) 921-6101

2013 Capacity Reservation Charge (cfs)*

2009 = 30.7

2010 = 33.7

2011 = 46.8

Peak = 46.8

*Note: The 2013 CRC is the highest daily average flow for the past three years.

Imported Connections

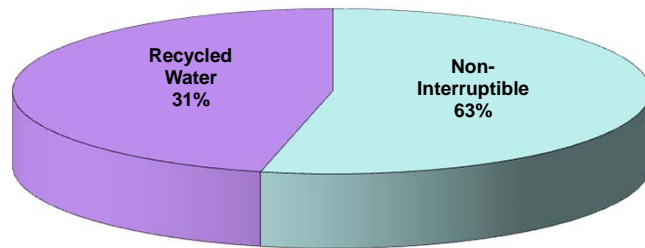
WB-28

WB-37

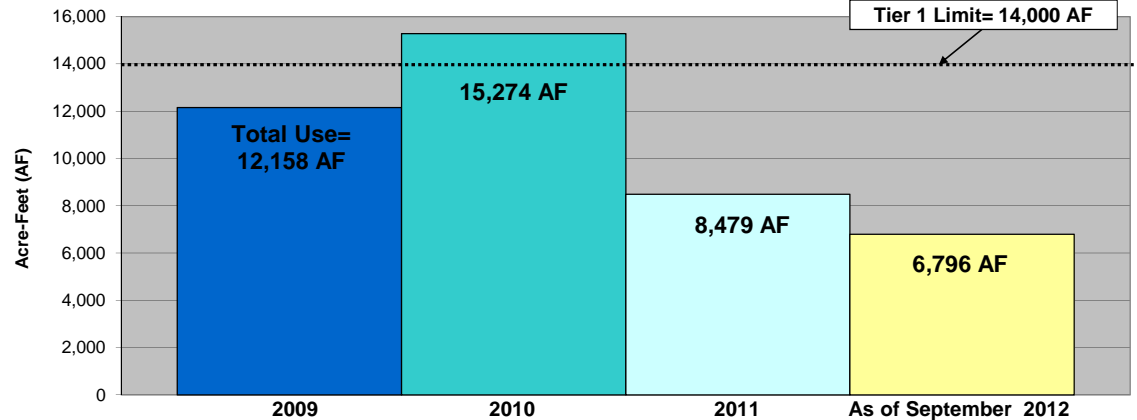
Adjudicated Water Rights

-

FY 2011/12 Sources of Water Supplies



Water Replenishment District of Southern California Barrier Water Usage for Purchase Agreement

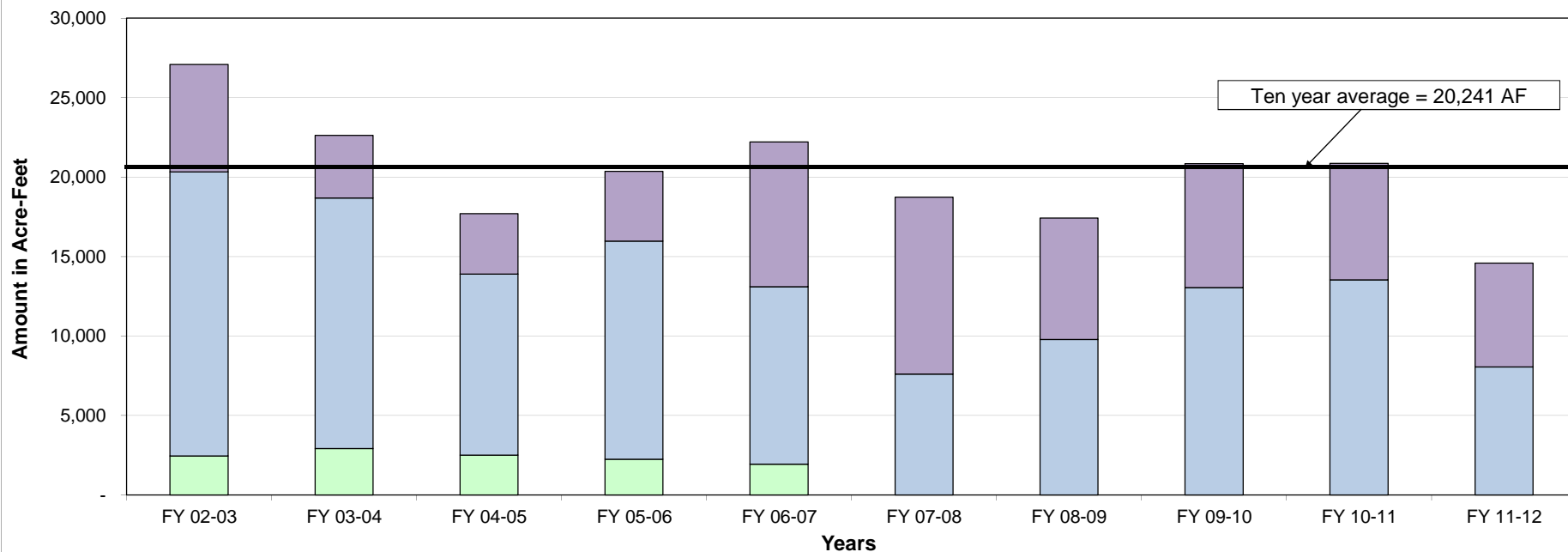


Type of Water Supply	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
Groundwater*	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Interruptible	732.21	650.41	529.05	472.22	396.10	548.84	701.66	697.60	998.05	975.44	773.02	582.17	8,056.77
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Recycled Water**	633.70	321.40	592.60	670.10	439.20	651.10	531.50	486.10	449.70	500.30	637.40	617.50	6,530.60
Total	1,365.91	971.81	1,121.65	1,142.32	835.30	1,199.94	1,233.16	1,183.70	1,447.75	1,475.74	1,410.42	1,199.67	14,587.37

*Groundwater usage is part of the Goldsworthy Desalter project.

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

Water Replenishment District of Southern California



■ Groundwater*
 ■ Non-Interruptible**
 ■ Recycled Water***

Type of Water Supply	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Ten Year Averages
Groundwater*	2,451.46	2,917.87	2,497.05	2,250.46	1,936.07	-	-	-	-	-	1,205.29
Non-Interruptible**	17,876.77	15,769.16	11,399.72	13,722.31	11,161.68	7,608.68	9,773.57	13,054.18	13,533.66	8,056.77	12,195.65
Seasonal Shift	-	-	-	-	-	-	-	-	-	-	-
Seasonal Long Term	-	-	-	-	-	-	-	-	-	-	-
Recycled Water***	6,754.30	3,934.70	3,799.20	4,383.10	9,104.00	11,129.00	7,652.30	7,796.60	7,319.80	6,530.60	6,840.36
Total	27,082.53	22,621.73	17,695.97	20,355.87	22,201.75	18,737.68	17,425.87	20,850.78	20,853.46	14,587.37	20,241.30

*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.

West Basin Local Supply 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.

EDWARD C. LITTLE WATER RECYCLING FACILITY PHASE V EXPANSION

Barrier System

The Phase V Expansion Project will be the ultimate expansion of the West Coast Basin Seawater Barrier (Barrier) Conservation Project and will increase Barrier Water production at the Edward C. Little Water Recycling Facility (ECLWRF) by up to an additional 5 million gallons per day, resulting in 100% recycled water injection into the Barrier.

Title 22 System

The Title 22 treatment system at the ECLWRF will be expanded as part of the Phase V Expansion Project. The Title 22 treatment system expansion will involve increasing additional 20 MGD of pretreatment capacity to achieve a total of 40 MGD of Title 22 production capacity.

NRG / Chevron Boiler Feed

The Phase V Expansion Project will include a 0.5 MGD expansion of the low-pressure boiler feed system which currently serves the Chevron Refinery for serving the NRG Power Plant facility in El Segundo. A 10-inch diameter pipeline will also be constructed within the City of El Segundo to convey the low-pressure boiler feed water to the NRG Power Plant.



BP REFINERY CAPACITY EXPANSION PROJECT

Expansion of the Carson Regional Water Recycling Facility will increase overall capacity serving the BP Refinery with cooling tower and boiler feed quality water. The BP Expansion Project will provide additional micro-filtration capacity, expand reverse osmosis production, and add additional nitrification process capacity to serve increased demands from BP.



HARBOR AREA EXPANSION PROJECT – CARSON REGIONAL WATER RECYCLING FACILITY PHASE II/CONVEYANCE PIPELINE

The Los Angeles Harbor Area Expansion Project will 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 Carson Regional Water Recycling Facility (CRWRF) and approximately 3-miles of new 30-inch diameter conveyance pipeline through the City of Carson.



HYPERION SECONDARY EFFLUENT PUMP STATION EXPANSION & ELECTRICAL FEED

West Basin's Hyperion Secondary Effluent Pump Station is the source of water supply for the ECLWRF. As West Basin recycled water production continues to increase, secondary effluent demand will exceed the capacity of the existing Hyperion Secondary Effluent Pump Station. The recently planned expansion of the CRWRF to meet LADWP demands in the Harbor Area will require the expansion of the Pump Station to accommodate these demands. The Hyperion Secondary Effluent Pump Station Expansion Project will potentially provide a capacity of up to 70 MGD.

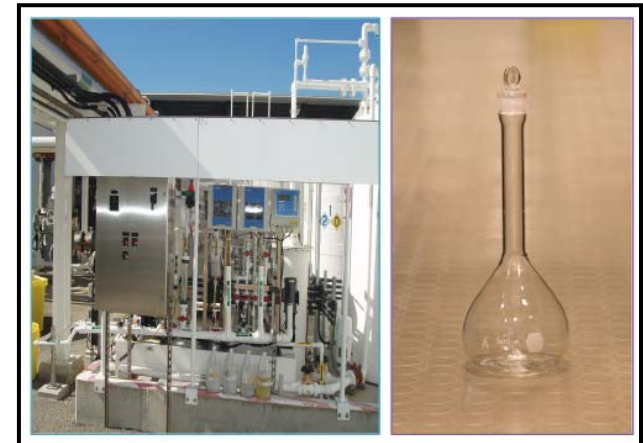
West Basin's Hyperion Secondary Effluent Pump Station must not only have adequate capacity to supply the ECLWRF with effluent, but it must also supply the effluent at a level of reliability to meet the needs of West Basin's industrial customers. A backup power source feed is needed to provide reliability and redundancy in the event the current power source is damaged or lost in a power outage. West Basin is working closely with LADWP, the provider of electrical power to the pump station, to construct a second electrical feeder to the pump station to increase the reliability of the pumping facilities.

WATER QUALITY FACILITY IMPROVEMENTS

Design efforts have been initiated to implement several water quality improvements, such as treatment facility improvements, disinfection booster station facilities, and backup potable water supplies, throughout West Basin's distribution system. Extended water travel times within the existing distribution system can also potentially result in low chlorine residuals, which can lead to odor and operational concerns. Water quality improvements will be implemented throughout the year to address customer requirements and maintain a reliable water supply source.

HARBOR-SOUTH BAY RECYCLED WATER EXPANSION PROJECT

The Harbor-South Bay Recycled Water Expansion Project is a partnership between West Basin and the Army Corps of Engineers to allow for increased recycled water use throughout the region and improved water supply reliability. This project includes the design and construction of numerous recycled water pipelines and pumping facilities throughout various cities such as Carson, Torrance, Palos Verdes, Gardena, and unincorporated areas of Los Angeles County. Over \$33 million in federal funding has been appropriated of the Harbor-South Bay Project and most recently, the project received over \$8 million in federal Economic



Stimulus Package funding as part of the American Recovery and Reinvestment Act (ARRA). The Army Corps of Engineers has authorized a financial commitment of \$35 million or 75% of the project funding. West Basin provides the remaining 25% funding.



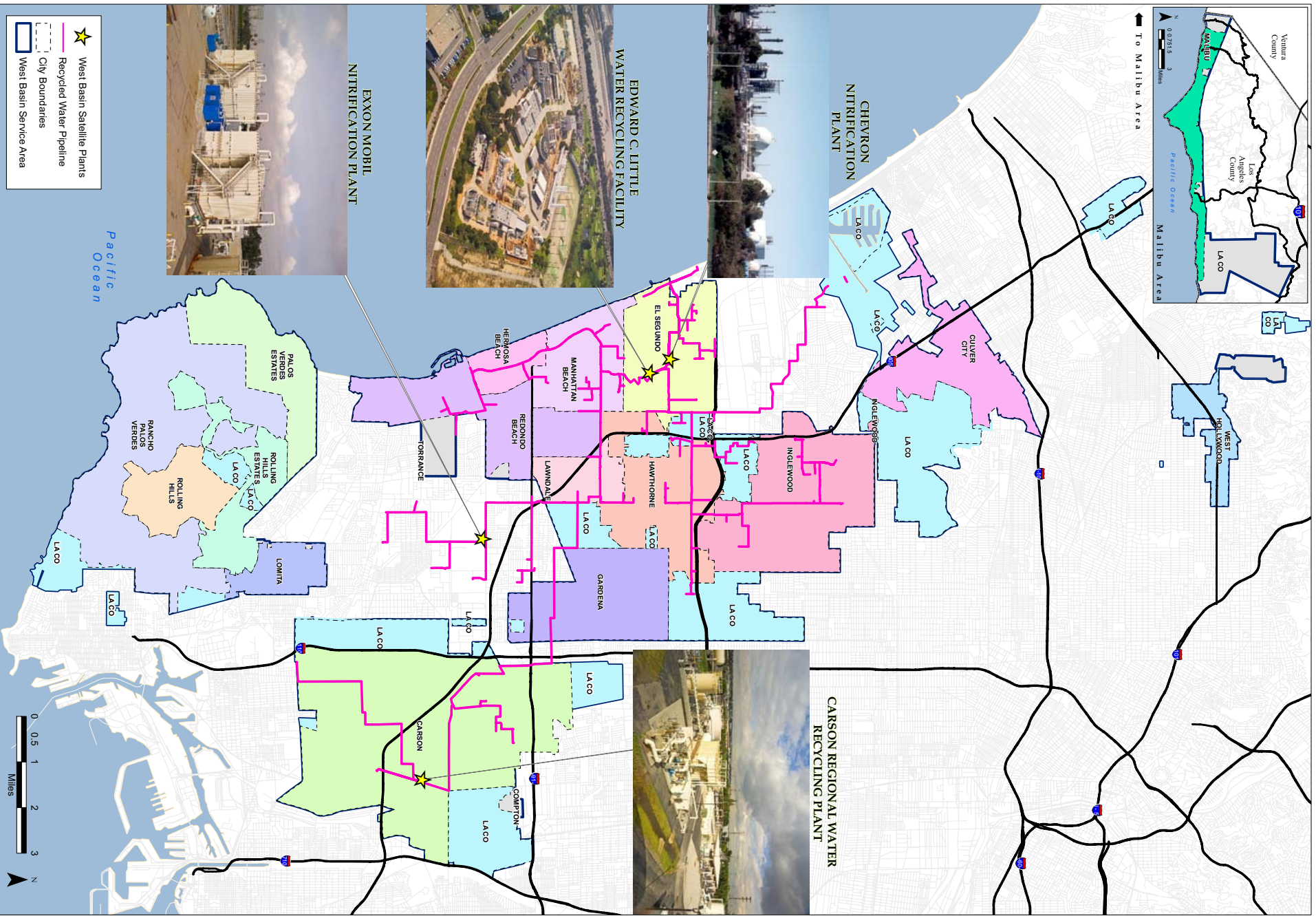
NITRIFIED WATER ALKALINITY PROCESS UPGRADES

Construction of the Nitrified Water Alkalinity Process Upgrades will improve water quality and enhance production capacity at each recycled water satellite treatment facility.



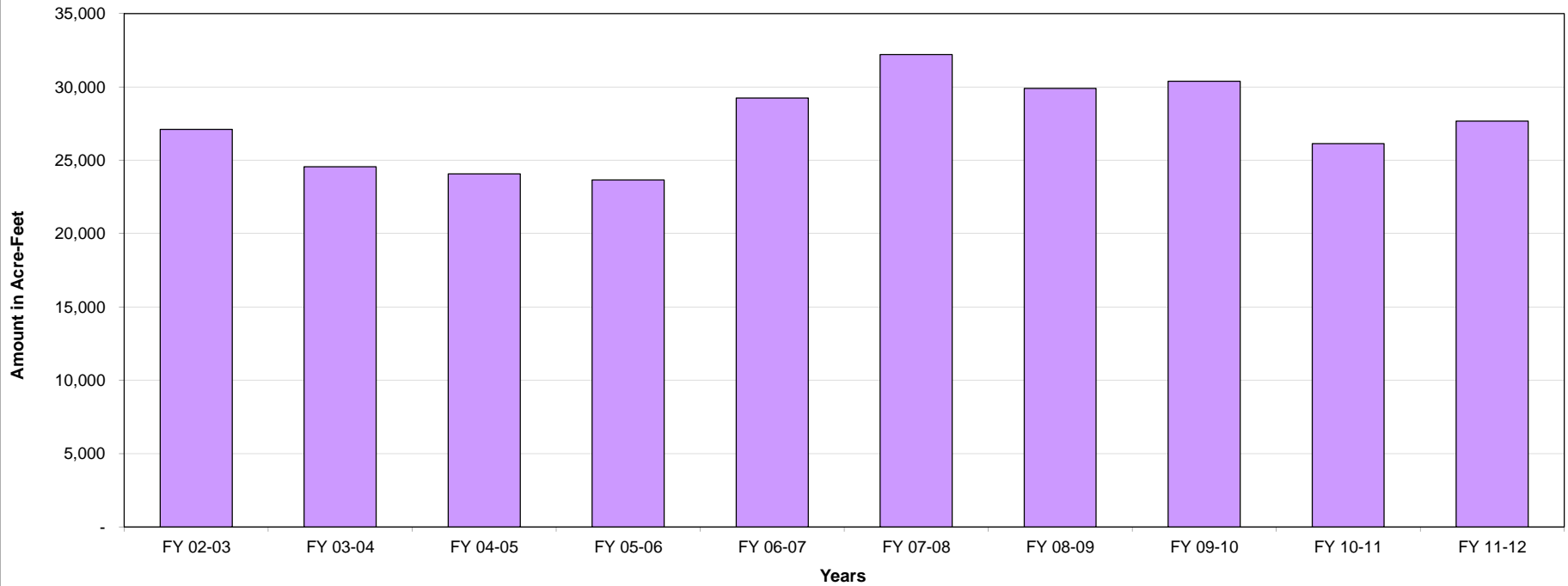


West Basin Municipal Water District Satellite Plants



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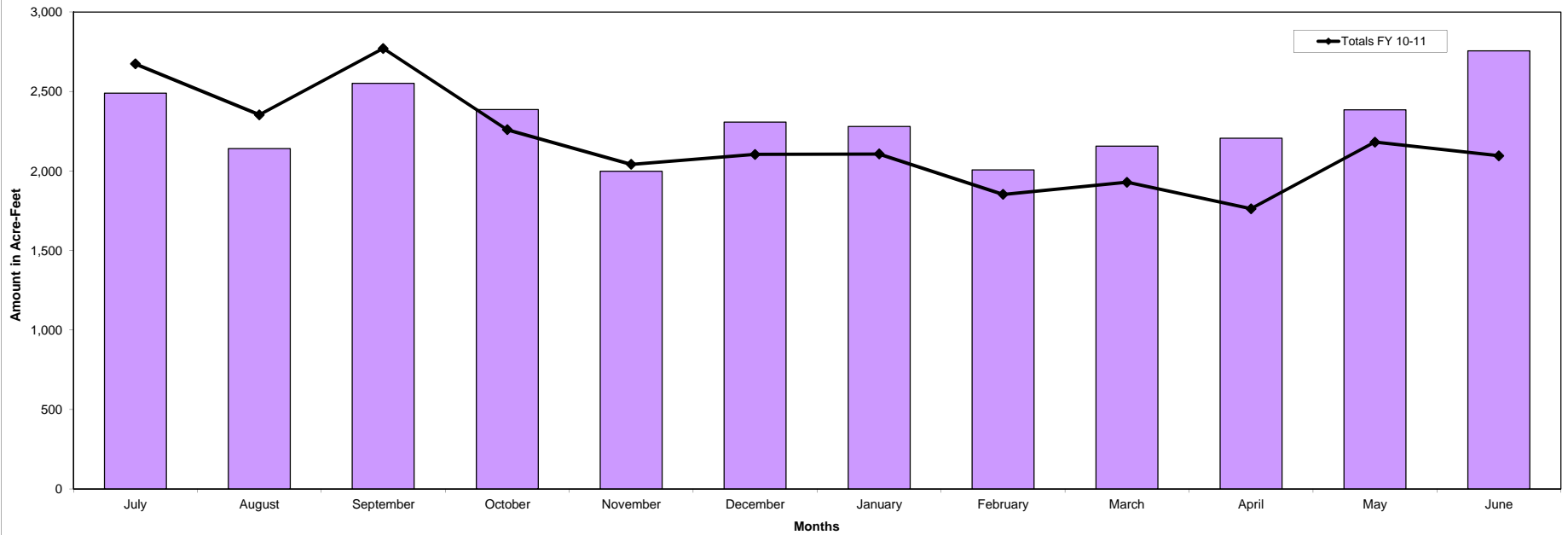
West Basin MWD 10 Year Recycled Water Sales



West Basin MWD	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	TOTAL
CWS - Dominguez	3,100.51	3,639.38	3,615.50	3,665.49	3,610.23	4,690.03	5,292.89	4,958.66	4,391.87	5,521.95	42,486.51
CWS - Hawthorne	100.58	111.77	110.64	111.04	117.72	84.79	98.61	90.38	79.20	89.65	994.38
CWS - Hermosa Redondo	130.49	143.63	106.89	119.05	140.88	144.52	162.55	150.20	132.73	135.74	1,366.68
City of El Segundo	8,102.17	8,310.17	7,868.41	7,404.51	8,200.97	7,864.89	8,977.91	9,034.50	6,637.52	6,887.65	79,288.70
City of Inglewood	577.13	637.95	594.53	568.00	797.06	649.96	679.84	621.30	606.42	641.55	6,373.74
City of Manhattan Beach	254.10	301.45	273.63	249.48	316.25	287.93	251.37	264.00	263.93	290.65	2,752.79
City of Torrance	144.18	195.72	186.48	253.31	284.75	311.30	277.42	271.97	234.42	283.24	2,442.79
City of Torrance - Mobil	7,328.49	6,385.24	6,734.75	6,155.87	5,774.39	6,077.87	5,598.73	6,172.62	5,550.53	6,068.83	61,847.32
Golden State Water Company	314.76	431.66	434.84	429.41	522.75	552.42	410.00	360.07	147.50	333.42	3,936.83
Inglewood Unified School District*	29.97	67.39	59.63	57.10	67.74	55.91	62.42	55.64	-	-	455.80
LA Dept. of Water and Power	277.31	393.90	283.31	256.60	313.28	360.35	444.11	608.21	762.80	875.59	4,575.46
Water Replenishment District	6,754.30	3,934.70	3,799.20	4,383.10	9,104.00	11,129.00	7,652.30	7,796.60	7,319.80	6,530.60	68,403.60
West Basin Inland Use	-	-	-	-	-	-	-	-	-	-	-
Total	27,113.99	24,552.96	24,067.81	23,652.96	29,250.02	32,208.97	29,908.15	30,384.15	26,126.72	27,658.87	274,924.60

* The values for FY 10-11 and 11-12 are included in the value for the City of Inglewood as of this year.

**West Basin MWD
Recycled Water Sales
FY 2011-12**



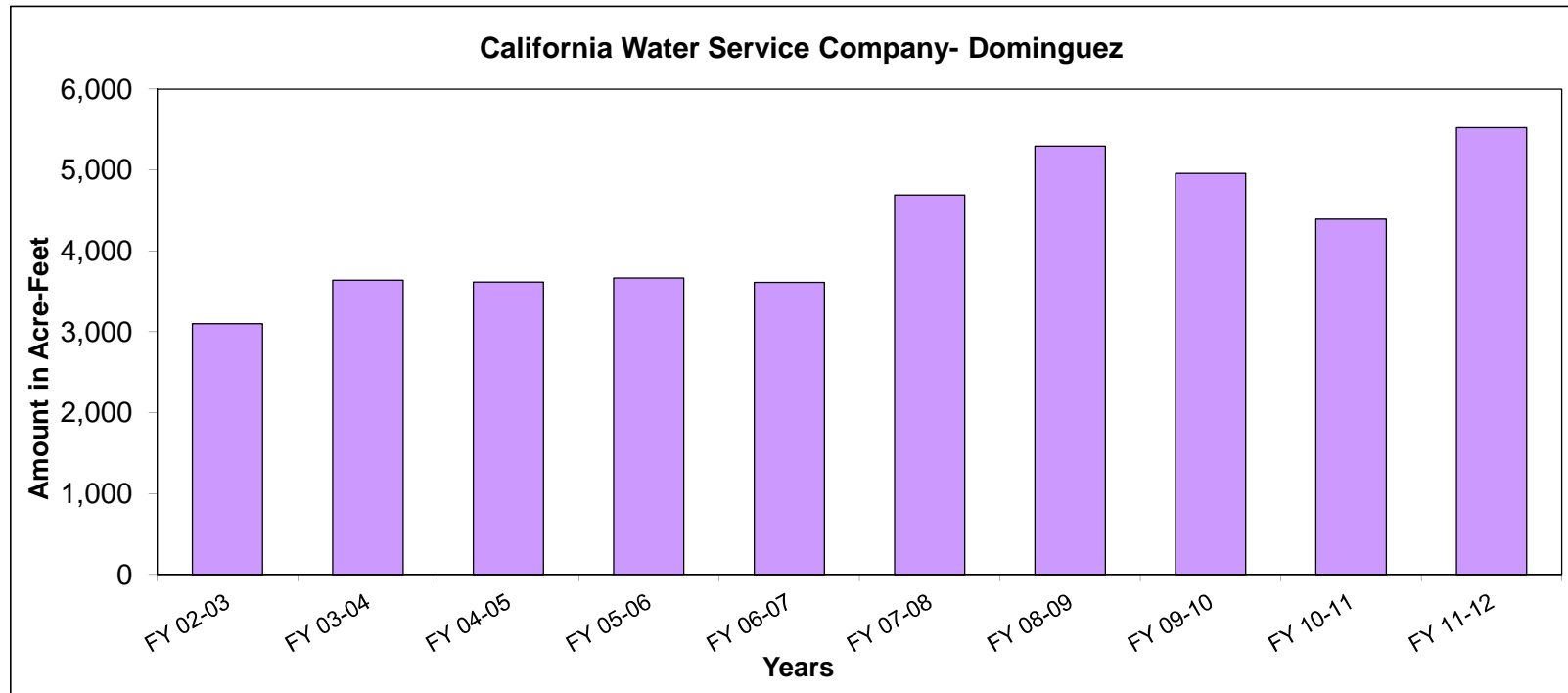
West Basin MWD	FY 2011-12												TOTAL
	July	August	September	October	November	December	January	February	March	April	May	June	
CWS - Dominguez	540.46	468.05	579.94	458.73	432.43	474.67	460.23	379.34	383.92	423.63	359.09	561.46	5,521.95
CWS - Hawthorne	12.07	12.18	12.79	8.64	5.86	5.08	4.29	2.20	5.11	4.69	5.42	11.32	89.65
CWS - Hermosa Redondo	21.71	18.83	21.21	14.18	9.26	3.29	6.24	5.00	5.25	4.76	7.05	18.96	135.74
City of El Segundo	507.52	469.87	544.11	530.27	538.97	616.78	695.90	511.31	614.17	594.24	581.46	683.05	6,887.65
City of Inglewood	103.34	113.99	72.93	31.95	21.83	9.59	36.72	28.22	43.95	12.68	73.14	93.21	641.55
City of Manhattan Beach	41.04	37.20	40.33	23.16	11.37	11.84	17.88	12.80	17.99	15.93	21.53	39.58	290.65
City of Torrance	24.50	24.02	70.45	25.34	20.97	11.24	11.19	15.34	14.49	18.09	20.31	27.30	283.24
City of Torrance - Mobil	477.30	500.20	499.70	529.98	471.38	478.20	465.47	524.60	540.70	546.40	576.40	458.50	6,068.83
Golden State Water Company	21.72	80.71	22.06	25.85	0.31	9.51	5.51	2.34	24.75	41.58	28.13	70.95	333.42
LA Dept. of Water and Power	106.58	93.83	95.02	67.67	46.91	35.27	45.09	38.37	56.08	42.82	74.25	173.70	875.59
Water Replenishment District	633.70	321.40	592.60	670.10	439.20	651.10	531.50	486.10	449.70	500.30	637.40	617.50	6,530.60
Total	2,489.94	2,140.28	2,551.14	2,385.87	1,998.49	2,306.57	2,280.02	2,005.62	2,156.11	2,205.12	2,384.18	2,755.53	27,658.87

Recycled Water Use

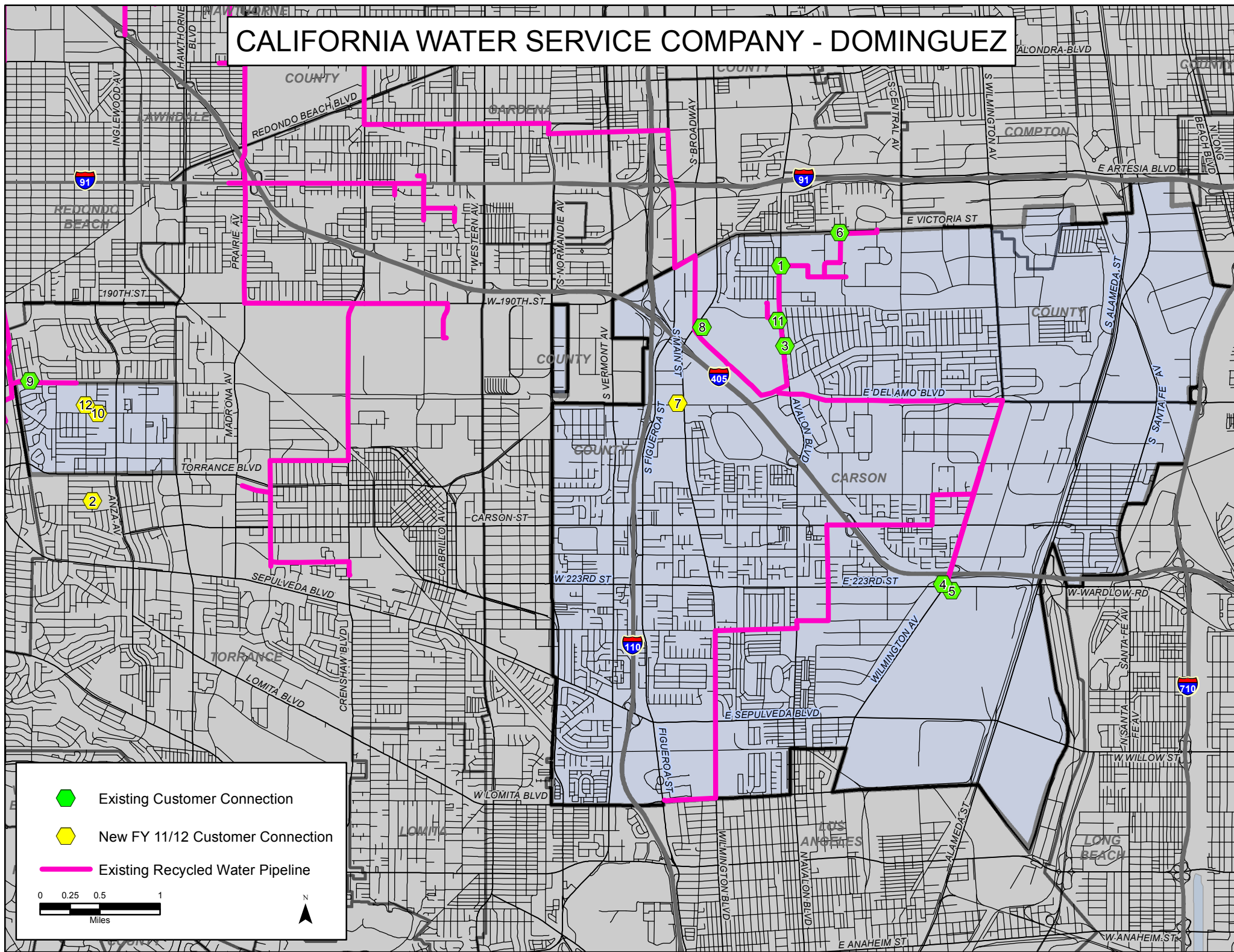
California Water Service Company- Dominguez		Total Use FY 2011-12
1	Anschutz So Cal Sports	61.73
2	Anza Elementary*	4.09
3	Avalon Median N/Elsmere	10.82
4	BP Refinery - Nitrification	970.33
5	BP Refinery - R/O	4,048.67
6	Cal State Univ Dominguez	152.21
7	City of Carson*	0.65
8	Goodyear	50.95
9	Sunny Glenn Park	12.18
10	Torrance USD*	4.98
11	Victoria Golf Course	193.53
12	West High School*	11.81
Total		5,521.95

* 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.



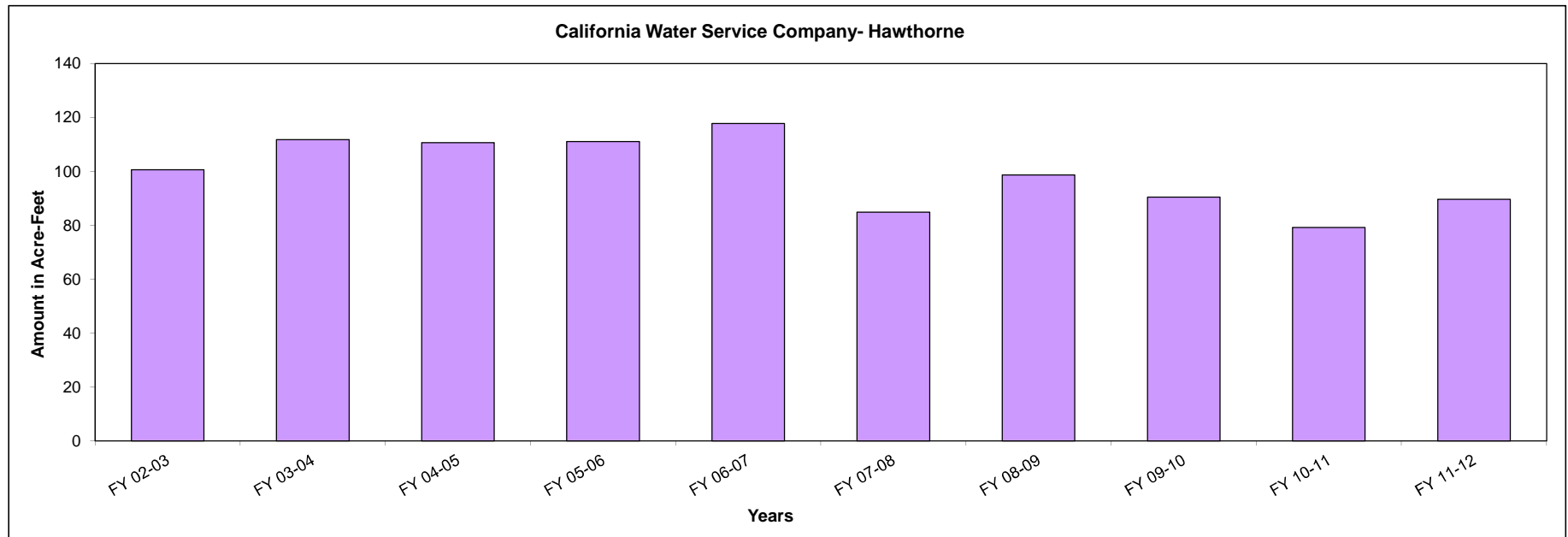
CALIFORNIA WATER SERVICE COMPANY - DOMINGUEZ



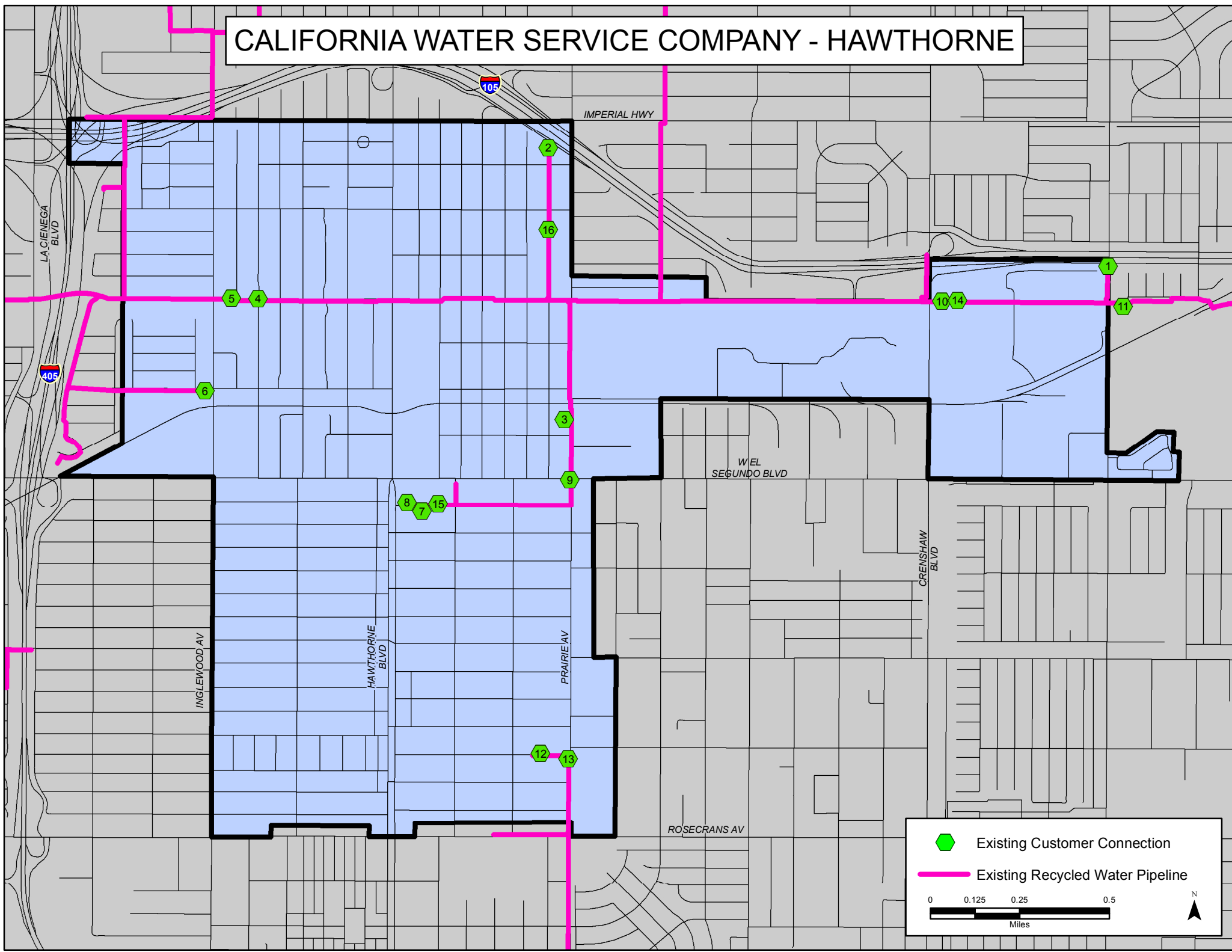
Recycled Water Use



California Water Service Company- Hawthorne		Total Use FY 2011-12
1	Caltrans (I-105/Van Ness)	-
2	Caltrans (I-105/York St.)	-
3	City of Hawthorne	5.02
4	Eucalyptus Avenue School	6.32
5	Eucalyptus Park	6.22
6	Hawthorne High School	15.62
7	Hawthorne Intermediate School	4.43
8	Hawthorne Medians	10.31
9	Hawthorne Memorial Park	-
10	Hawthorne Municipal Airport	0.61
11	Holly Park	19.00
12	Jefferson School	2.43
13	Jim Thorpe Park	10.60
14	Lowe's	2.79
15	Washington Avenue School	1.60
16	York Avenue School	4.70
Total		89.65

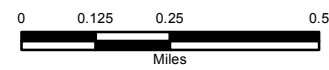
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CALIFORNIA WATER SERVICE COMPANY - HAWTHORNE



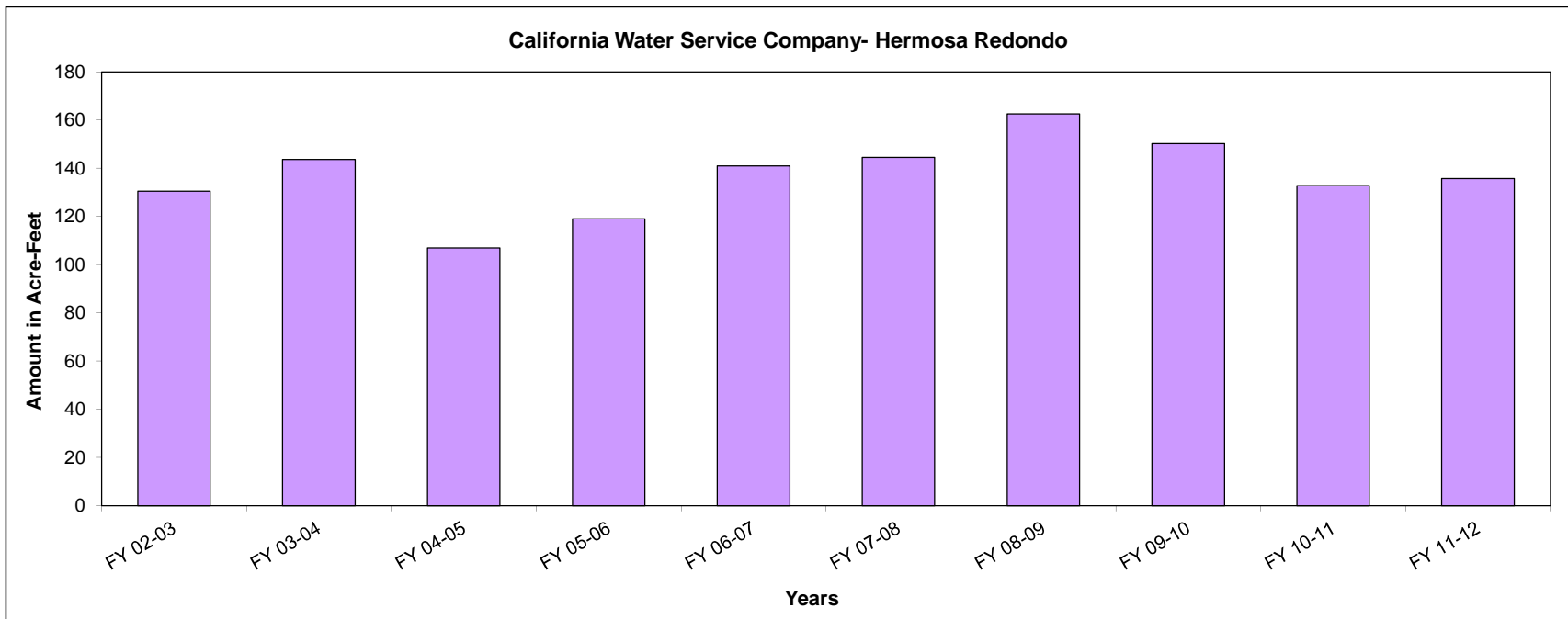
-  Existing Customer Connection
-  Existing Recycled Water Pipeline



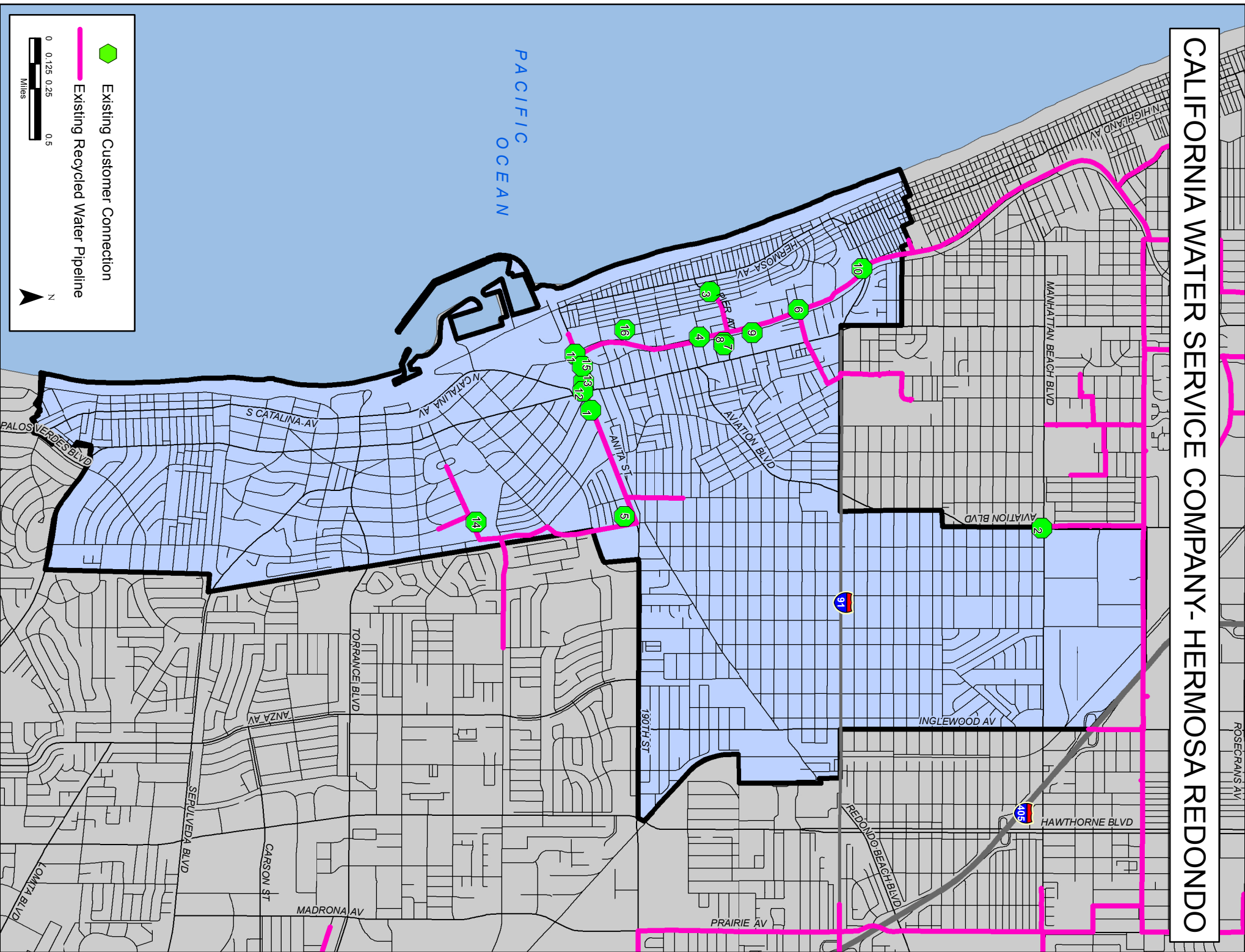
Recycled Water Use

California Water Service Company- Hermosa Redondo		Total Use FY 2011-12
1	190th St./Prospect Ave Medians (400 Blk)	0.78
2	Aviation Park	8.60
3	City of Hermosa Beach	2.08
4	Clark Park	9.27
5	Dominguez Park	26.07
6	Hermosa Beach Greenbelt	16.45
7	Hermosa Beach Community Center	4.76
8	Hermosa Beach Library And City Hall	0.49
9	Hermosa Valley Elementary School	9.38
10	Hermosa Valley Park II	25.32
11	Herondo/Francisca Median	0.59
12	PCH/190th St. Median	0.07
13	PCH/Herondo-King Harbor Park	1.07
14	Redondo Beach School District	17.81
15	Redondo Technology Center	4.64
16	South Park -Hermosa Beach	8.36
Total		135.74

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

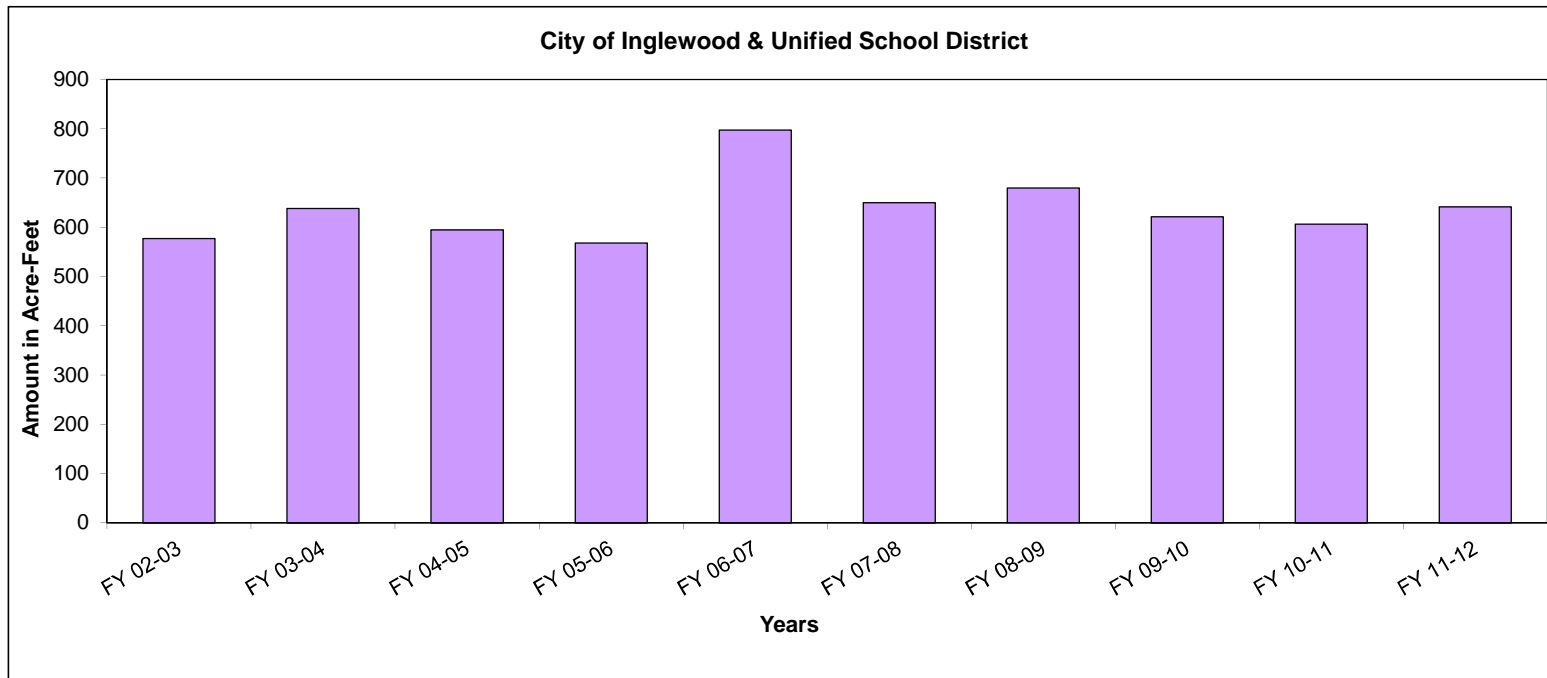


Recycled Water Use

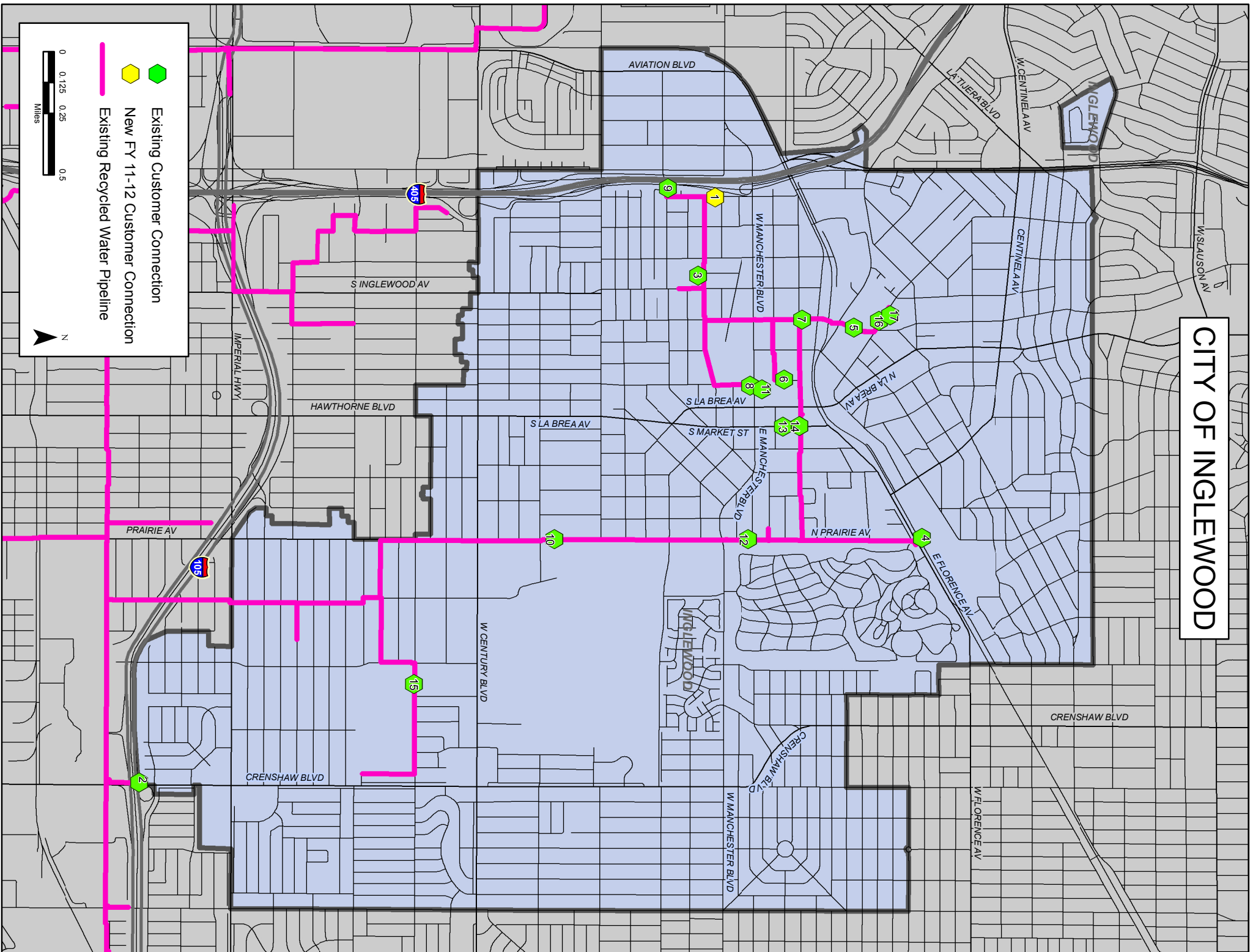
City of Inglewood & Unified School District		Total Use FY 2011-12
1	Ashwood Park*	3.96
2	Caltrans (I-105/Crenshaw)	-
3	Caroline Coleman Stadium	11.08
4	Centinela (Vincent) Park	80.96
5	City Service Yard	0.00
6	Crozier Jr. High	7.49
7	Florence Median	1.44
8	Grevillea Mall Park	0.28
9	Hillcrest	-
10	Hollywood Park	17.31
11	Inglewood City Hall	7.97
12	Inglewood Park Cemetery	426.92
13	Manchester	28.83
14	Market Street Medians	3.26
15	Morningside School	35.07
16	Rogers Park	13.66
17	Water Treatment Plant	3.32
Total		641.55

* 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.



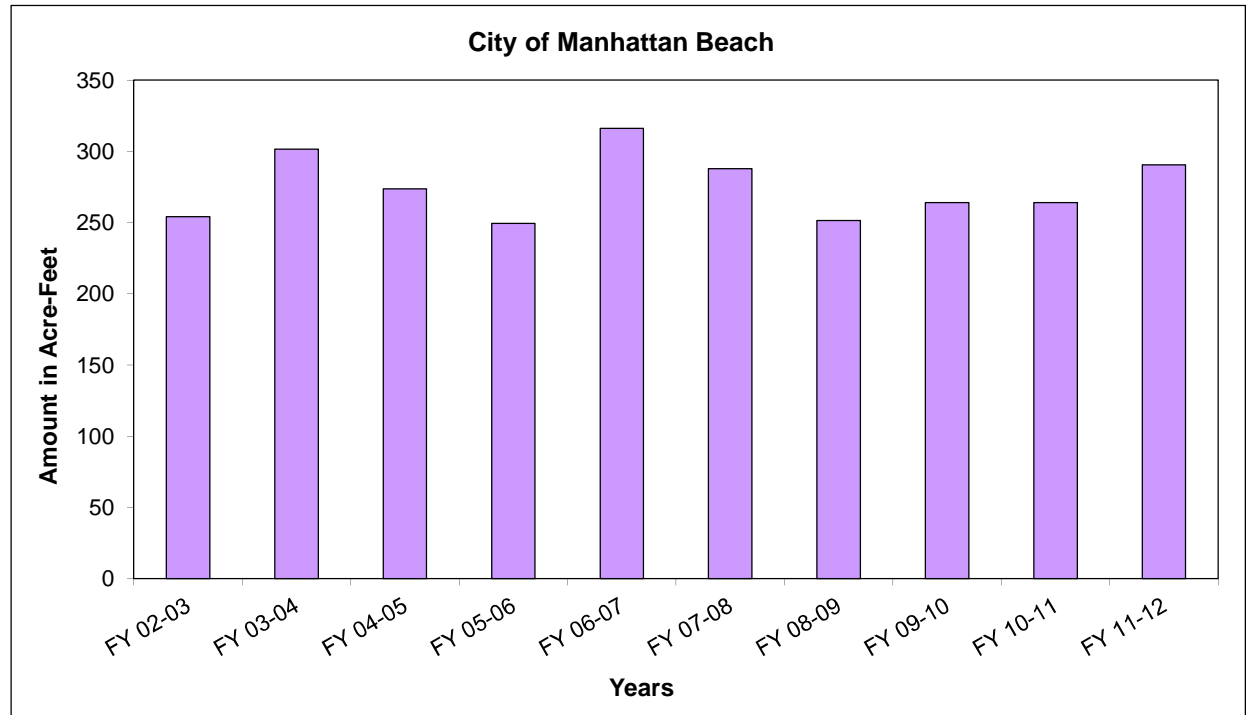
CITY OF INGLEWOOD



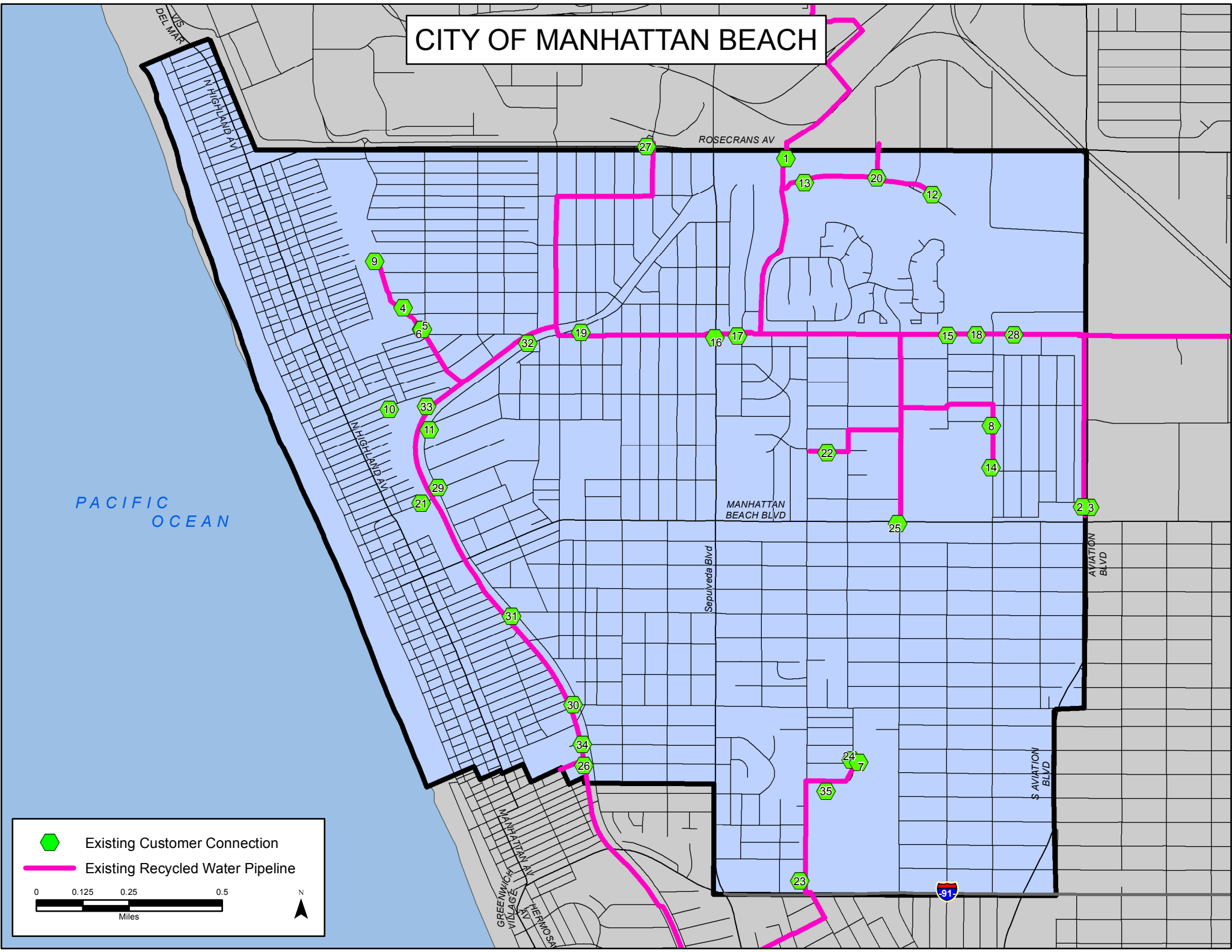
Recycled Water Use

City of Manhattan Beach		Total Use FY 2011-12
1	1230 Rosecrans	6.05
2	1508 Aviation	0.20
3	2202 Aviation	0.31
4	2511 Bell Ave., (Grand View/Ladera)	7.76
5	2632 Bell Ave. E, (Grand View/Ladera)	5.49
6	2632 Bell Ave. W, (Grand View/Ladera)	2.46
7	325 S. Peck	5.08
8	Begg Elementary School	6.39
9	Bell Ave. S. of Park	7.76
10	Dorsey Field	5.72
11	Live Oak Park	2.00
12	Manhattan Studios	13.79
13	Manhattan Village Park	2.76
14	Mar Brad Middle School - La Marina Field	13.95
15	Marine & Herrin Median	0.90
16	Marine & Sepulveda Median	1.91
17	Marine Avenue Median	2.35
18	Marine Avenue Park	16.14
19	Marine Triangle Median	0.57
20	Marriott Golf	52.45
21	MB Fire & Police Landscape	2.57
22	Meadows Elementary School	5.29
23	Mira Costa High School	27.72
24	Pennekamp Elementary School	11.79
25	Polliwog Park	27.60
26	Robinson Elementary School	4.67
27	Rosecrans Medians @ Pine	0.98
28	Sports Park	12.21
29	Valley/Ardmore Greenbelt @ 15Th St.	13.91
30	Valley/Ardmore Greenbelt @ 2nd	11.01
31	Valley/Ardmore Greenbelt @ 8Th St.	3.41
32	Valley/Ardmore Greenbelt @ Ardmore	10.30
33	Valley/Ardmore Greenbelt @ M.B.B.S.E.	5.12
34	Valley/Ardmore Greenbelt @ S. of Homer	-
35	Voorhees Sump	0.03
Total		290.65

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

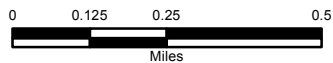


CITY OF MANHATTAN BEACH



Existing Customer Connection

Existing Recycled Water Pipeline



N

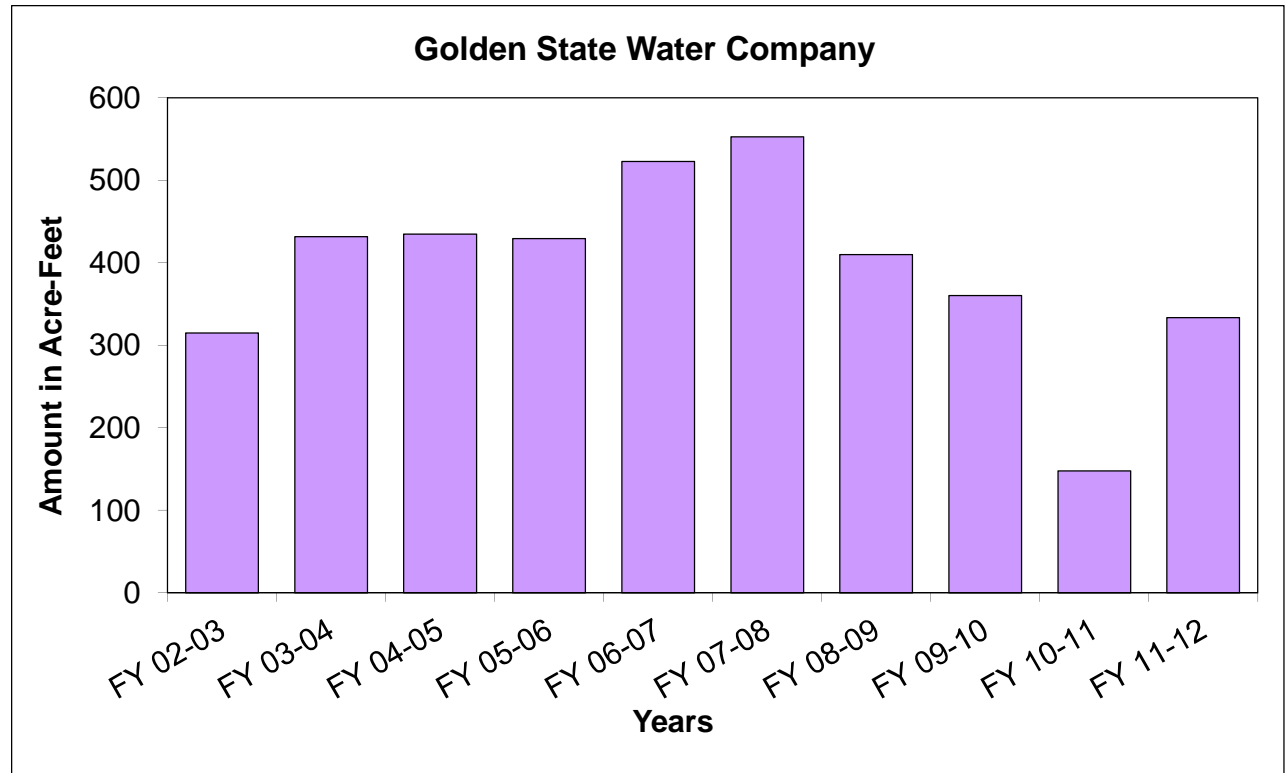


Recycled Water Use

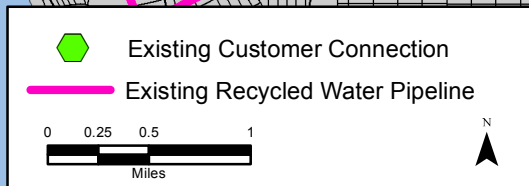
Golden State Water Company		Total Use FY 2011-12
1	13500 Glasgow	19.05
2	Aerospace Corp.	8.49
3	Alondra Golf Course	-
4	Alondra Park (West)	32.32
5	Anza Elementary School	4.92
6	Buford Elementary School	4.96
7	Cabrillo Elementary School	7.76
8	Caltrans*	7.34
9	Center Park	4.83
10	Chester Washington Golf Course	141.79
11	City of Lawndale	0.04
12	Condon Park (Lennox Park)	6.94
13	Crenshaw Lumber	0.61
14	Dana-Burnett Elementary School	14.82
15	Del Air Park	7.83
16	Del Aire Assembly of God	1.13
17	Del Taco DT895	0.95
18	El Camino College	8.55
19	Federal Building - Hawthorne	4.11
20	Felton Elementary School	-
21	Hawthorne Blvd/Marine	21.32
22	Holly Glen Park	2.68
23	Jane Addams Park	4.27
24	Lawndale Union High School District Office	20.05
25	Lennox Middle School	1.43
26	Leuzinger High School	1.26
27	Rogers Anderson Park	2.02
28	Sepulveda Elementary School	3.95
Total		333.42

*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.



GOLDEN STATE WATER COMPANY



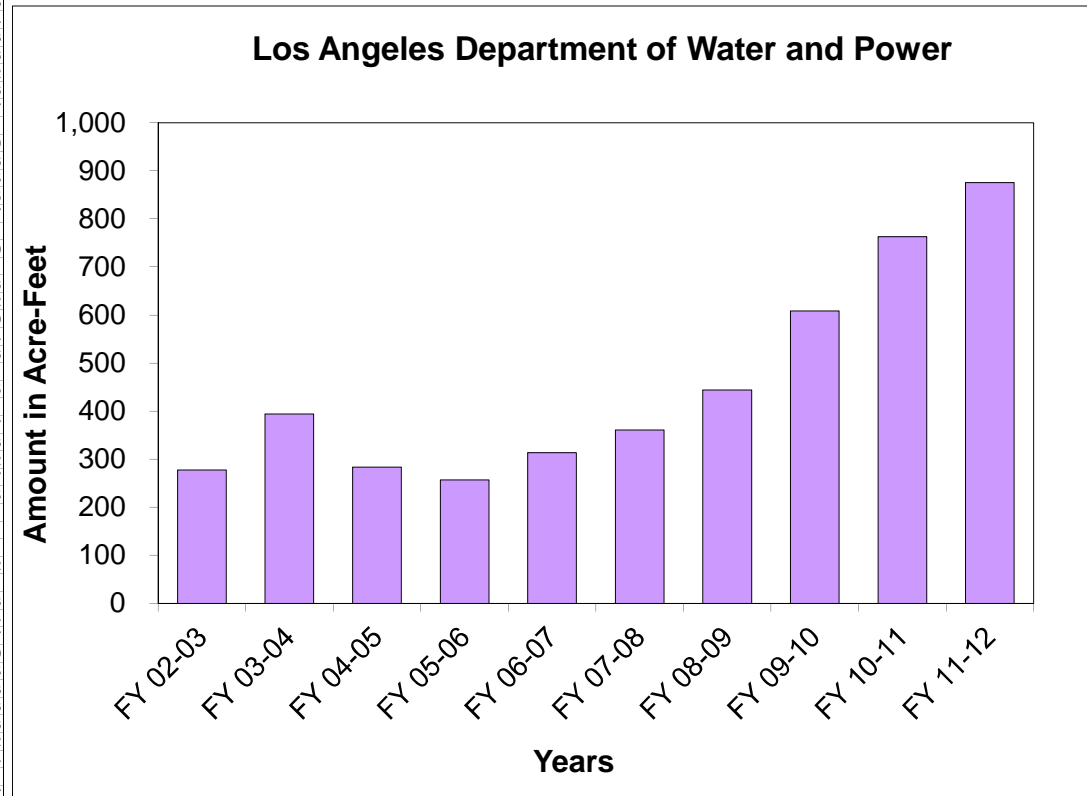
Los Angeles Department of Water and Power		Total Use FY 2011-12
1	11310 Aviation Blvd.	6.24
2	7055 Imperial Hwy - a	20.09
3	7055 Imperial Hwy - b	16.69
4	Avalon Maintenance	0.95
5	Bridgeway Mills HOA-1	2.30
6	Bridgeway Mills HOA-2	2.43
7	Bridgeway Mills HOA-3	2.46
8	Campus at Playa -A	2.11
9	Campus at Playa -B	0.02
10	Campus at Playa Parcel 8	-
11	Campus at Playa Vista	11.15
12	Capri Court HOA	0.49
13	Capri Court II Corp.	1.41
14	Carabella Community	5.97
15	Carl Neilson Youth Park	20.56
16	Catalina Maintenance Corp.	2.54
17	Chatelaine	0.73
18	Coldwell Banker	2.66
19	Coronado Maintenance Corp.	1.42
20	Crescent Park	0.56
21	Crescent Park East	1.67
22	Crescent Park West	1.51
23	Crescent Walk at Playa	0.69
24	Dreamworks Interactive -1	3.46
25	Dreamworks Interactive -2	0.95
26	Dreamworks Interactive -3	6.95
27	Esplanade Assoc.	1.47
28	Essec Property Trust-1	-
29	Essec Property Trust-2	7.10
30	Finvest Playa -1	5.91
31	Finvest Playa -2	1.18
32	Horizon PH I Office Holdings*	4.42
33	Hyperion Treatment Plant	24.40
34	JLH Realty Constr-1	1.44
35	JLH Realty Constr-2	2.46
36	LA City Bureau Pub Bldgs -1	-
37	LA City Bureau Pub Bldgs -1a	0.25
38	LA City Bureau Pub Bldgs -2	0.71
39	LAX **	153.37
40	Lincoln ASB - Playa Vista - a	2.13
41	Lincoln ASB - Playa Vista - b	2.22
42	Lincoln ASB - Playa Vista Phase I	0.07
43	Loyola Marymount University	127.65
44	Loyola Marymount University - 2	32.61
45	Maintenance-6758 Manchester	-
46	Maintenance-6930 Manchester	-
47	Maintenance-7050 Manchester	0.72
48	Maintenance-7102 Manchester	-
49	Metro Condo Assoc.	2.98
50	Off-Crescent	1.54
51	Paraiso	1.17
52	PH & L Community-1	0.90
53	PH & L Community-2	1.25
54	Playa Capital Co.**	13.03
55	Playa Phase 1	14.93
56	Playa Vista Parks**	72.43
57	Promenade at Playa	2.22
58	PV Campus Parcel 3	20.44
59	PV Campus Parcel 3 LP	8.61
60	PV Campus Parcel 3 LP-a	1.07
61	PV Campus Parcel 3 LP-b	1.06
62	Runway Lofts Venture LLC*	1.38
63	Scattergood -11000 Vista	3.03
64	Scattergood- 7501 Grand	5.20
65	Scattergood- 7515 Grand	6.15
66	Serenade Community Assoc.	3.31
67	Sunrise Playa Vista Senior	1.35
68	Tapestry Maint.	1.20
69	Tapestry Maint - 2	2.02
70	Tempo Comm. Ctr.	1.73
71	The Lee Group	1.24
72	The Parking Spot	0.79
73	Villa D'Este Corp.	1.33
74	Villa Savona Maint Corp.	1.16
75	Warmington PV	2.28
76	Waterstone Condo Assoc.	1.14
77	Westchester Golf Course	177.45
78	Westchester Park	38.79
79	William J. Hoffman-Receiver	-
Total		875.30

* This is a new customer connection.

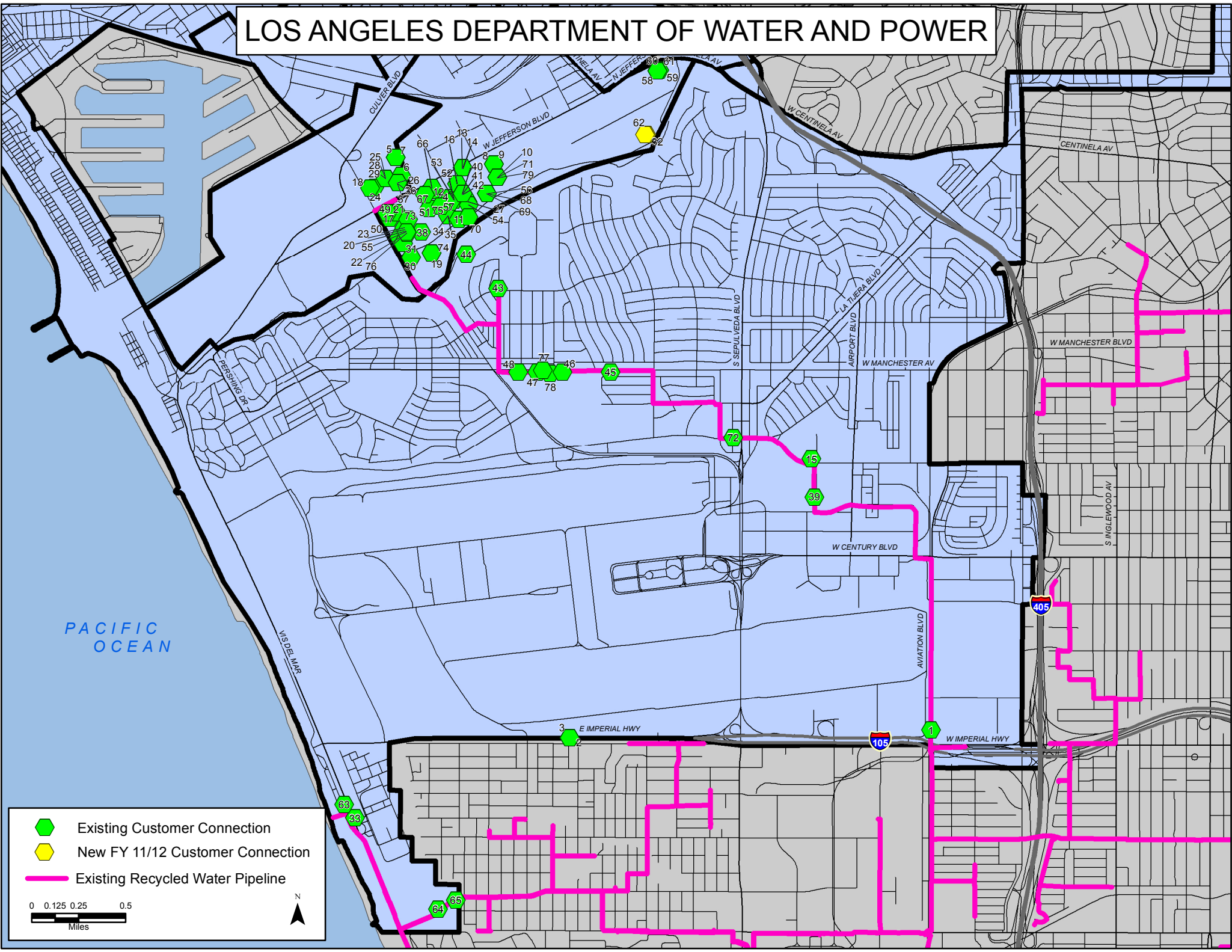
**This data reflect the total for multiple meter connections.

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

Recycled Water Use



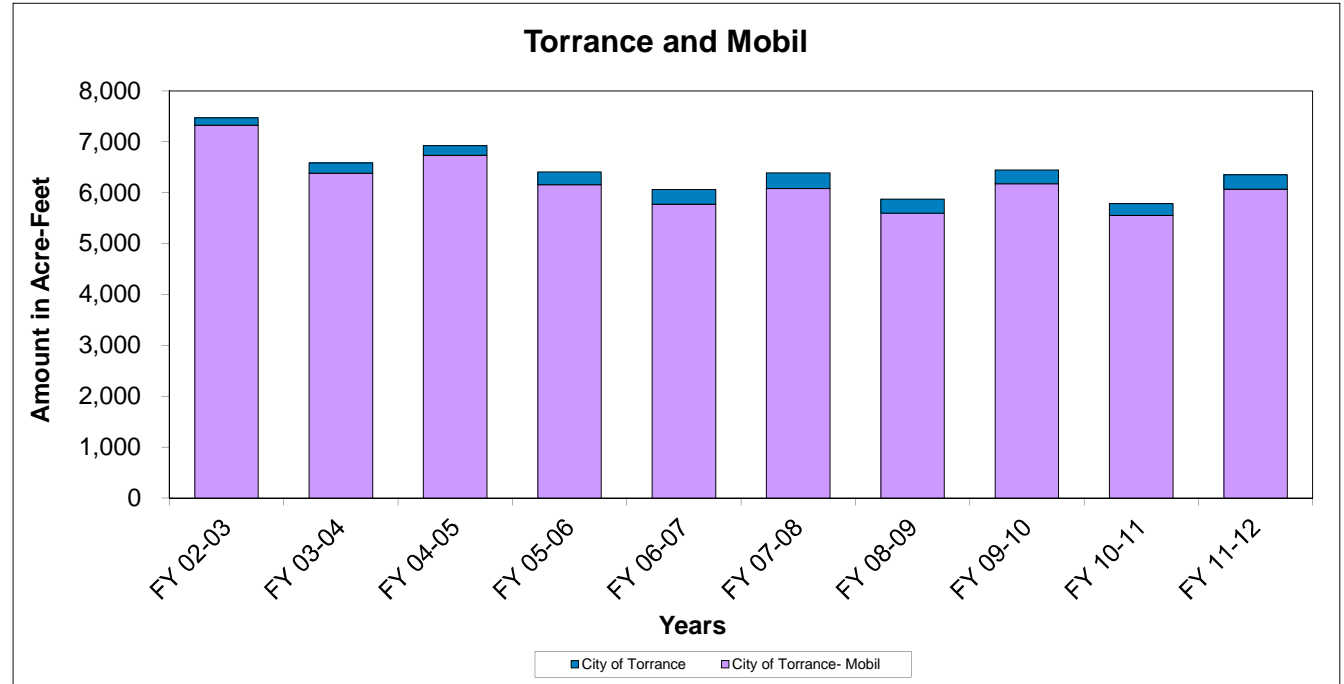
LOS ANGELES DEPARTMENT OF WATER AND POWER



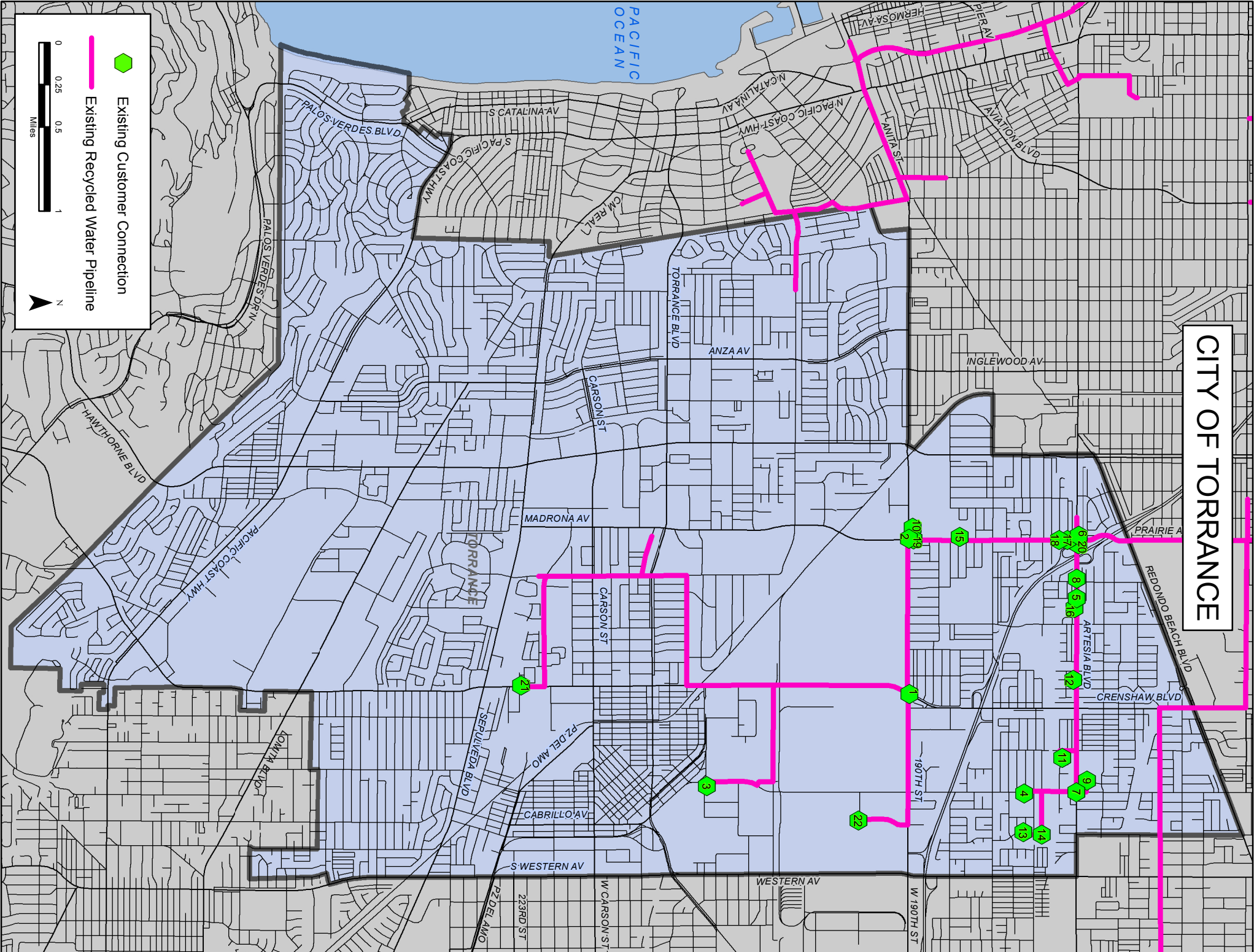
Recycled Water Use


Torrance and Mobil		Total Use FY 2011-12
<u>City of Torrance</u>		
1	190th St, 3403 - Median	-
2	190th St, 3403-Median	0.01
3	American Honda-A	13.90
3	American Honda-B	8.15
4	Arlington School	5.55
5	Artesia Blvd / Kornblum	1.22
6	Artesia Blvd / Prairie	1.24
7	Artesia Blvd / Van Ness	1.13
8	Artesia Blvd Median	2.57
9	Casimir School	7.27
10	Columbia Park	89.92
11	Descanso Park	5.15
12	Falda Ave	0.17
13	Guenser Park	47.54
14	Kobata Growers	6.62
15	Magruder Middle School	4.42
16	McMaster Park	5.93
17	Prairie Ave. @ 175th Place	-
18	Prairie Ave. @ 175th Street	-
19	Prairie Ave. @ 190th Street	-
20	Prairie Ave. @ Artesia Blvd.	-
21	Torrance Business Center	6.90
22	Toyota Motor Sales	75.55
Total		283.24
<u>City of Torrance - Mobil</u>		
23	Mobil Boiler Feed	2,272.50
24	Mobil Cooling Towers	3,787.20
25	Mobil Irrigation	9.13
Total		6,068.83


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




CITY OF TORRANCE




 Existing Customer Connection

 Existing Recycled Water Pipeline



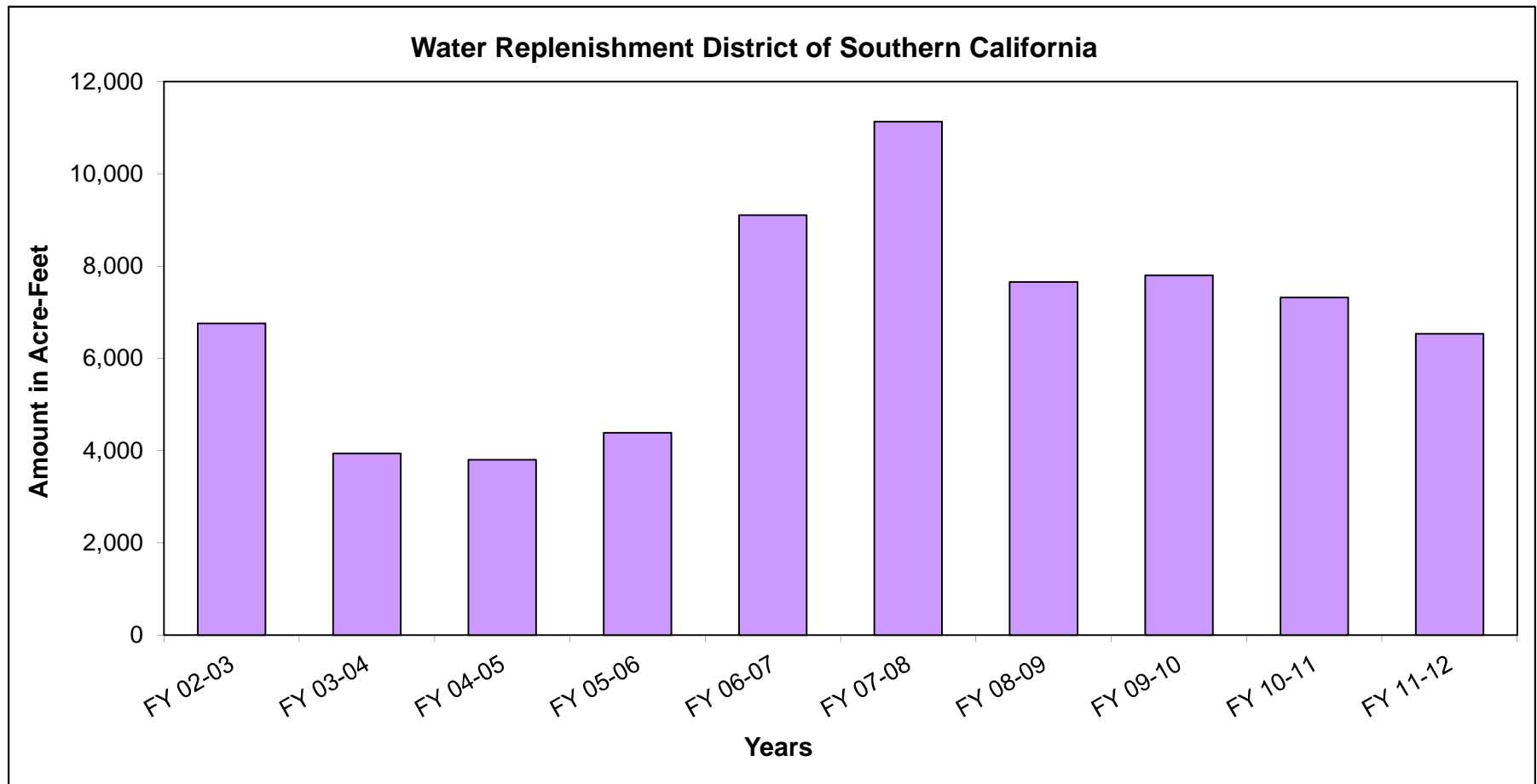
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Miles



N

Recycled Water Use

Water Replenishment District of Southern California	Total Use FY 2011-12
West Coast Barrier	6,530.60
Total	6,530.60



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West Basin Municipal Water District

FY 2012-13 Water Rates and Charges

Rates Effective July 1, 2012 to December 31, 2012

	MWD Commodity	MWD RTS	Reliability Svc Charge	Total
Non-Interruptible & Barrier (Tier 1)	\$794/AF	\$135/AF	\$107/AF	\$1,036/AF
Non-Interruptible & Barrier (Tier 2)	\$920/AF	\$135/AF	\$107/AF	\$1,162/AF
Seasonal Storage Long Term	\$651/AF	-	\$107/AF	\$758/AF

Rates Effective January 1, 2013

	MWD Commodity	MWD RTS	Reliability Svc Charge	Total
Non-Interruptible & Barrier (Tier 1)	\$847/AF	\$135/AF	\$107/AF	\$1,089/AF
Non-Interruptible & Barrier (Tier 2)	\$997/AF	\$135/AF	\$107/AF	\$1,239/AF
Seasonal Storage Long Term	***	-	***	***

MWD Non-Interruptible Commodity Rate

	Effective Dates
	<u>7/1/12</u>
Supply Rate Tier 1	\$106
Supply Rate Tier 2	\$290
System Access Rate	\$217
Water Stewardship Rate	\$43
Delta Supply Surcharge	\$58
Treatment Rate	\$234
Power Rate	\$136
Total Tier 1	\$794
Total Tier 2	\$920

Capacity Charge Designated Amount¹

Effective Jul 1 to Dec 31, 2012

Effective Jan 1, 2013

\$6,500/cfs

\$5,500/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, 2012

WBMWD Water Service Charge

\$42/cfs²

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

WBMWD Recycled Water Rates

Effective July 1, 2012

Volume (AF/Month)	WBMWD Service Area	West Coast Barrier (<4,500 AF)	West Coast Barrier (4,500+ AF)	Industrial R/O (WB Svc Area)	Nitrified (Ind R/O usage)	Industrial R/O Ultra (WB Svc Area)	Torrance / LADWP Service Areas
0-25	\$840/AF	\$984/AF	\$565/AF	\$1,068/AF	\$820/AF	\$1,424/AF	\$882/AF
25-50	\$830/AF	\$984/AF	\$565/AF	\$1,068/AF	\$820/AF	\$1,424/AF	\$872/AF
50-100	\$820/AF	\$984/AF	\$565/AF	\$1,068/AF	\$820/AF	\$1,424/AF	\$862/AF
100-200	\$810/AF	\$984/AF	\$565/AF	\$1,068/AF	\$820/AF	\$1,424/AF	\$852/AF
200+	\$800/AF	\$984/AF	\$565/AF	\$1,068/AF	\$820/AF	\$1,424/AF	\$842/AF

District Contact Information

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General Manager	Rich Nagel	310.660.6210
Assistant General Manager	Shivaji Deshmukh	310.660.6234

Department Managers

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Communications	Ron Wildermuth	310.660.6258
Engineering	Marc Serna	310.660.6213
Finance/Billing	Margaret Moggia	310.660.6256
Human Resources	Michelle Green	310.660.6228
Operations/Water Quality	Wyatt Won	310.660.6203
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Customer Development and Environmental Compliance	Joe Walters	310.660.6208

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WEST BASIN

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