



Water Use and Reuse

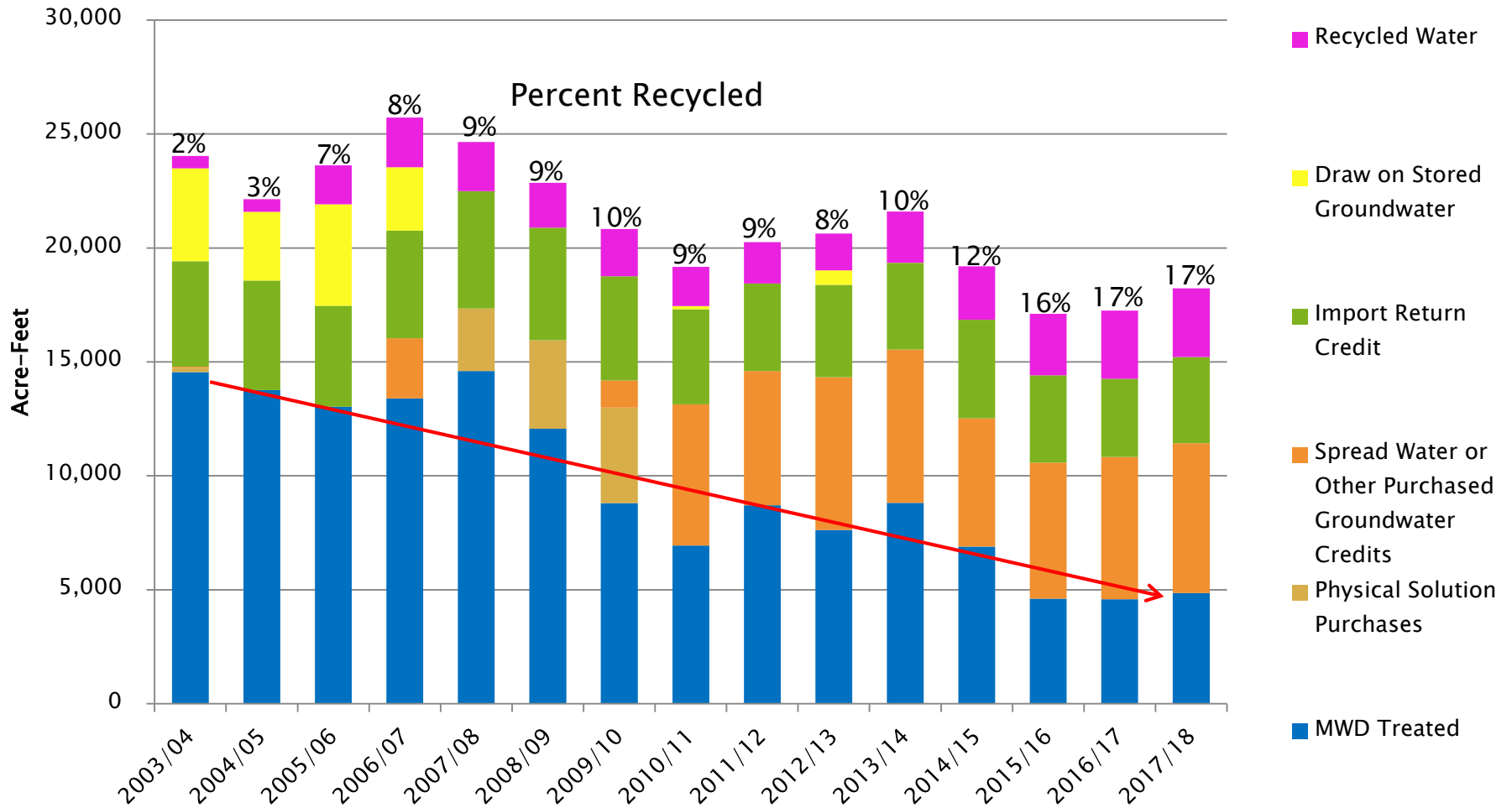
Information Item Presentation
to the

State Water Resources Control Board

Los Angeles
November 8, 2017

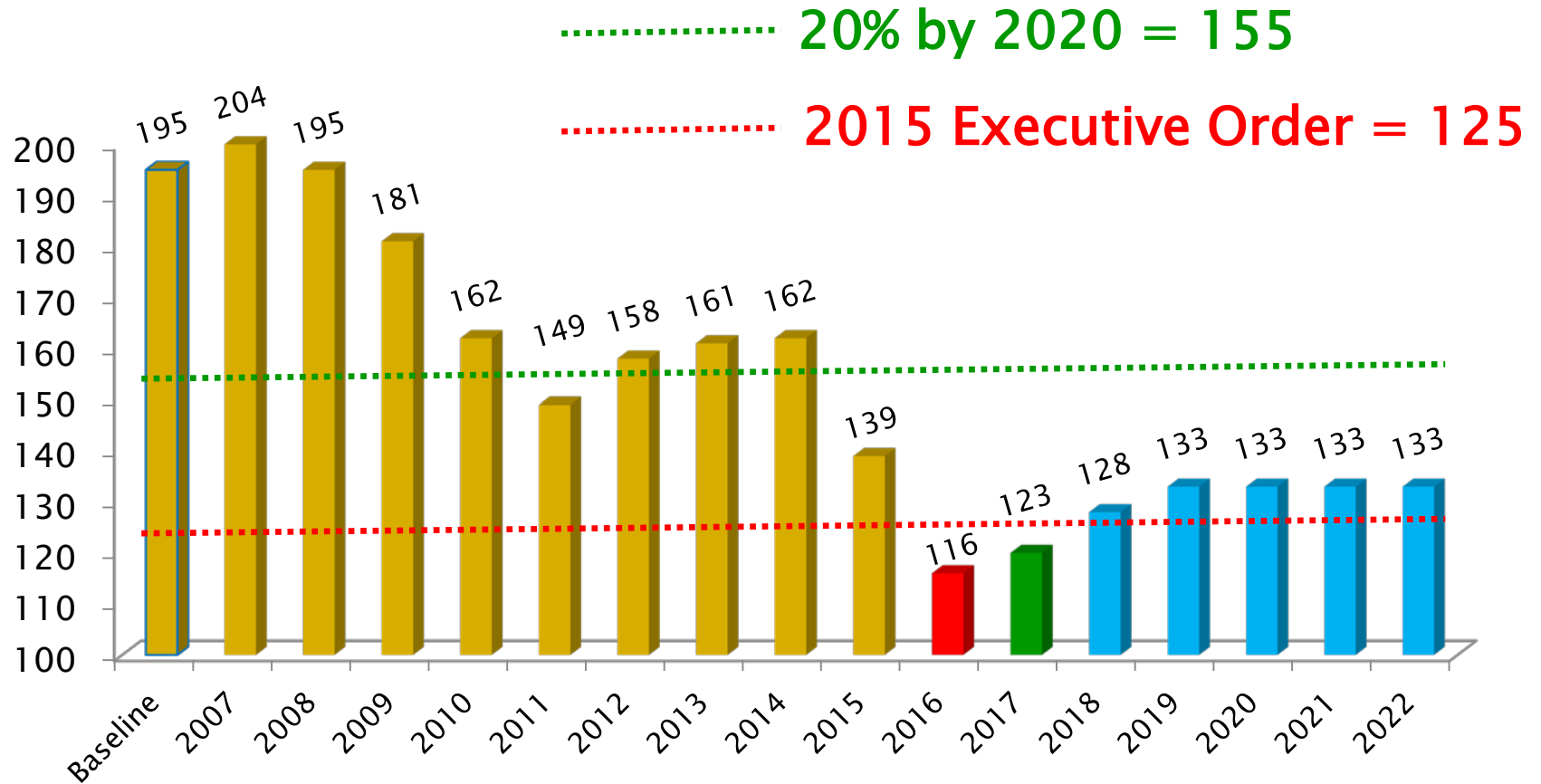
Water Planning

BWP Projected Water Sources



Water Use per Capita Under Order

(gallons per day for fiscal years ending June 30th)



Burbank Water Reclamation Plant



Daily Wastewater Generation



11 Million
Gallons Per Day



Burbank Blvd.

Burbank Blvd.

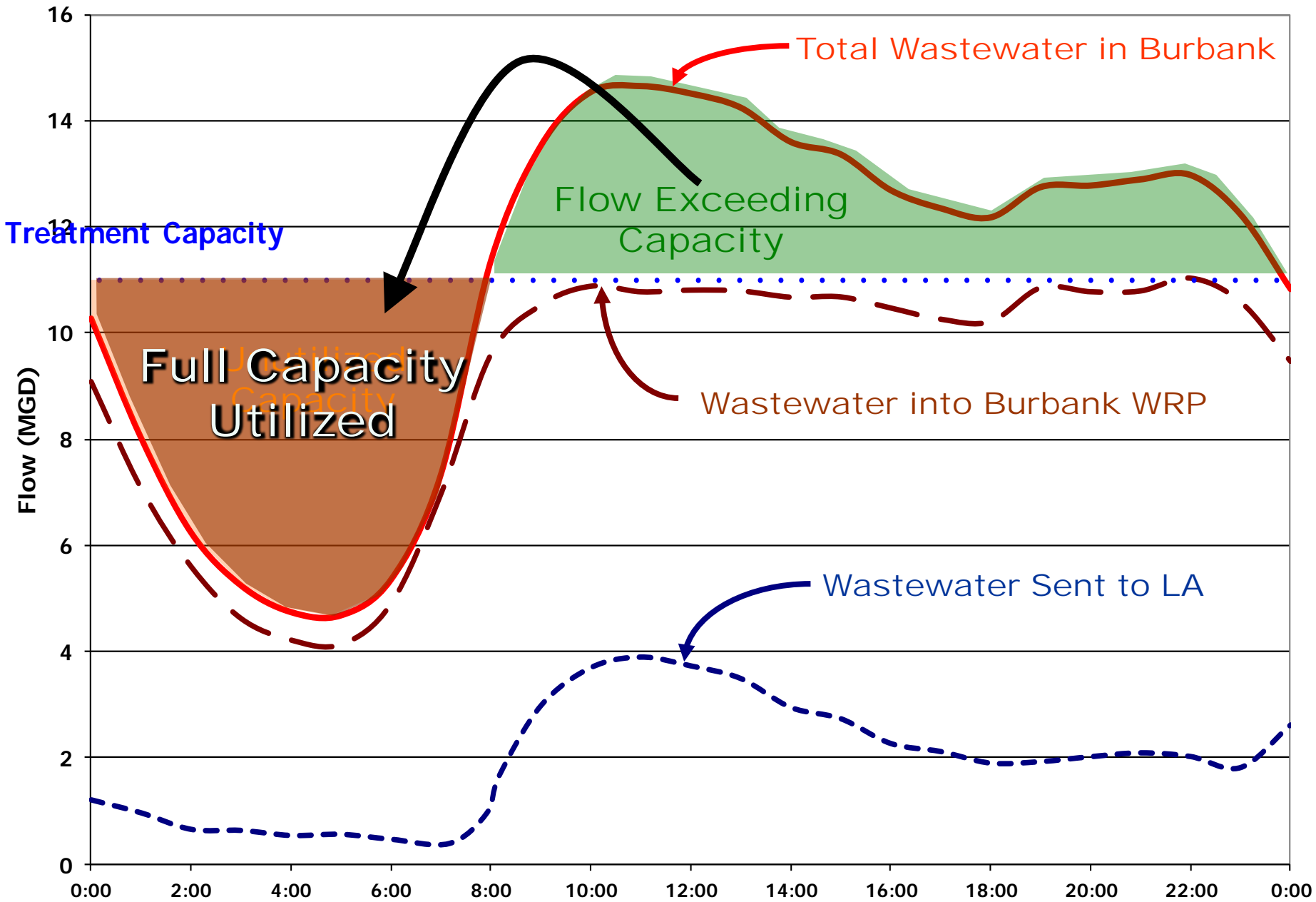
Equalization Basin Site

UP RR

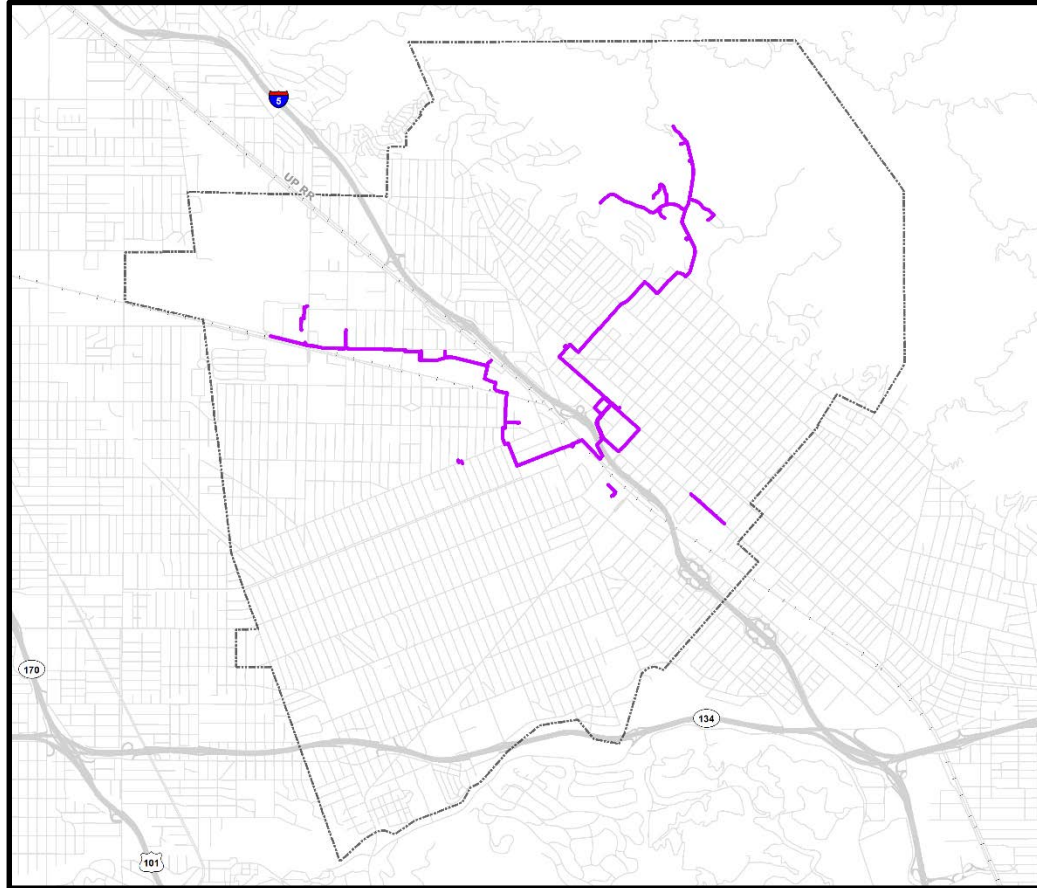
Lake St.

EQ Basin

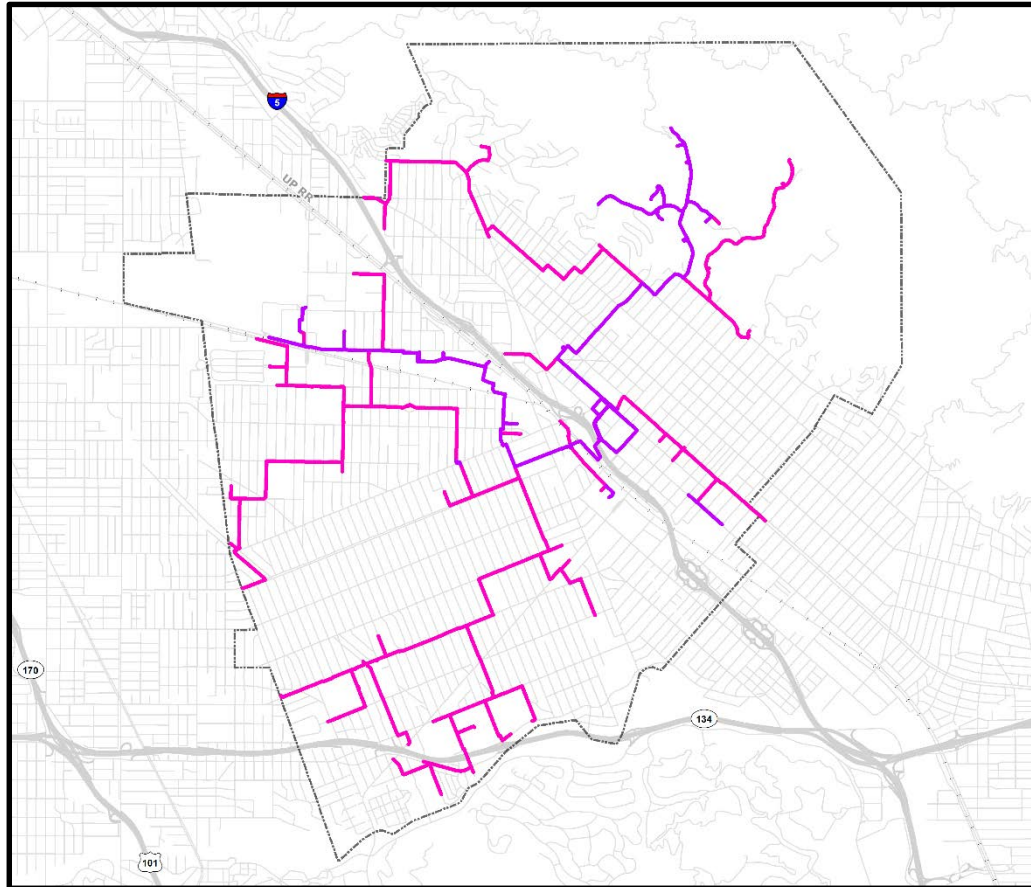
Wastewater Flow Patterns



RW System in 2007



RW System in 2017



Recycled System Expansion

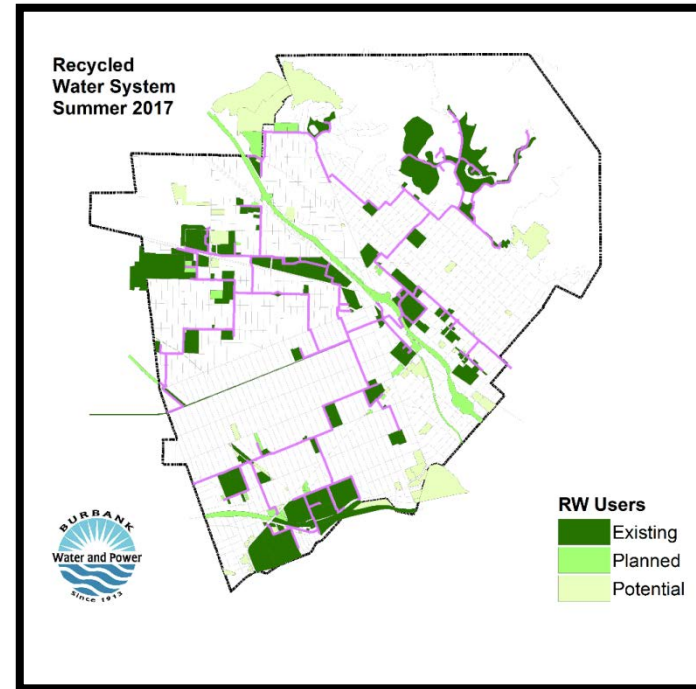
	2007	2017
New Repurposed Total Pipe	5.6 miles <u>0.4 miles</u> 6.0 miles	30.0 miles <u>4.0 miles</u> 34.0 miles
Total Storage	2 MG	2.2 MG
Pressure Zones	5	7
Meters	90	248
Avg. Daily Deliveries	1.9 MG	2.7 MG
Yearly Deliveries	<u>2,150 AF</u> 1,400 AF Power Plants 750 AF Irrigation	<u>3,004 AF</u> 1,050 AF Power Plants 1,954 AF Irrigation/Industrial

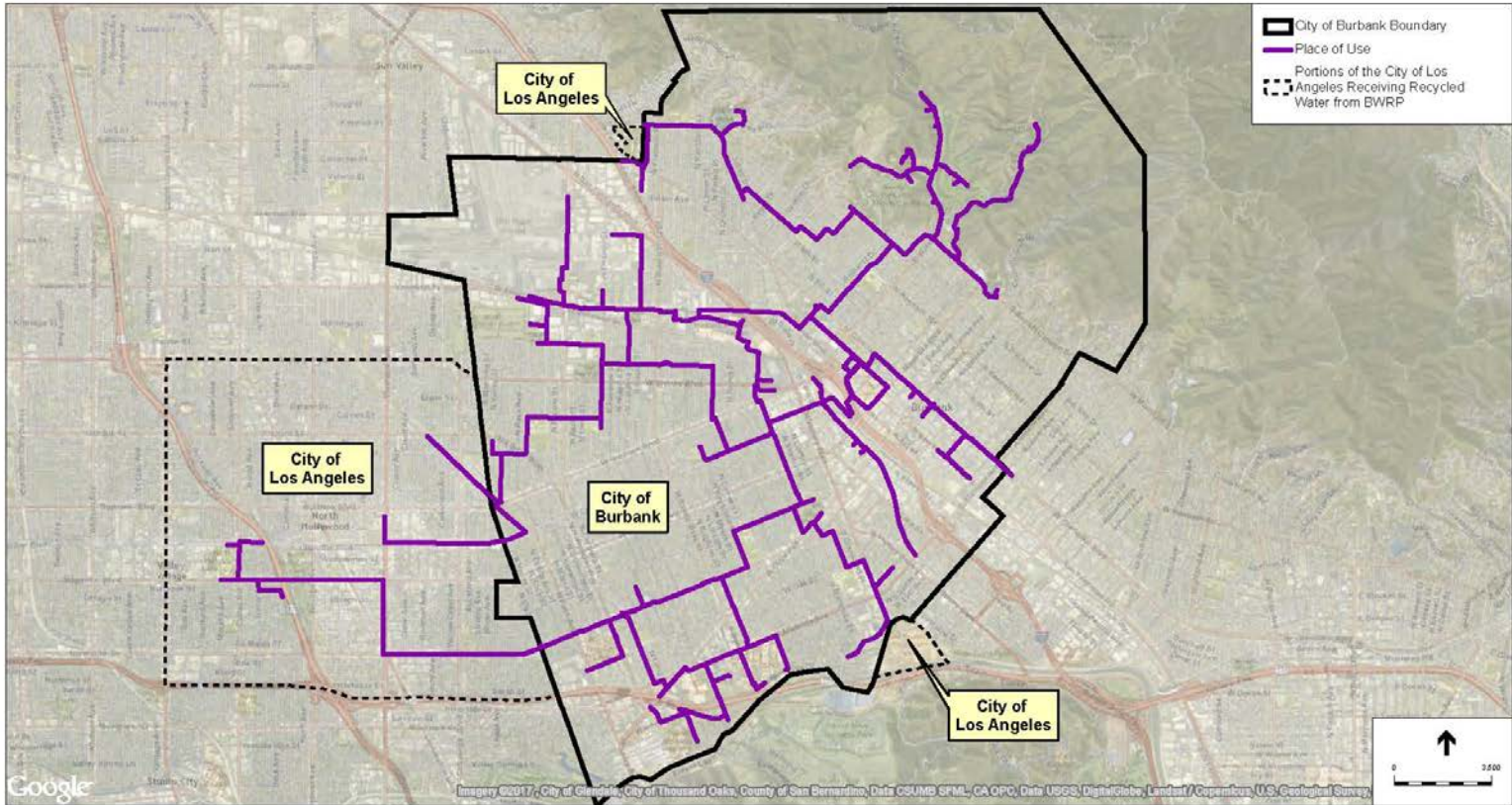
Summary of Changes to Monthly Average Rate and Annual Average Amount of Wastewater Discharged

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Annual
	----- (million gallons per day) -----												(acre-feet)
Present:	4.66	4.45	4.68	5.19	5.17	5.58	6.35	5.32	5.51	3.87	2.91	3.77	5,376
Proposed:	1.69	1.79	2.63	3.68	3.94	3.96	4.62	4.42	4.36	3.82	2.23	3.22	3,766
Change:	2.97	2.66	2.05	1.51	1.23	1.62	1.73	0.90	1.15	0.05	0.68	0.55	1,610

Progress with RW Conversions

- 160+ Sites Converted
- 975 MG Annual Deliveries
- Most Burbank Parks and BUSD Schools
- Street Sweepers and Construction Sites





SOURCE: City of Burbank, 2016.

Burbank Wastewater Change Petition
Exhibit 7
 Place of Use

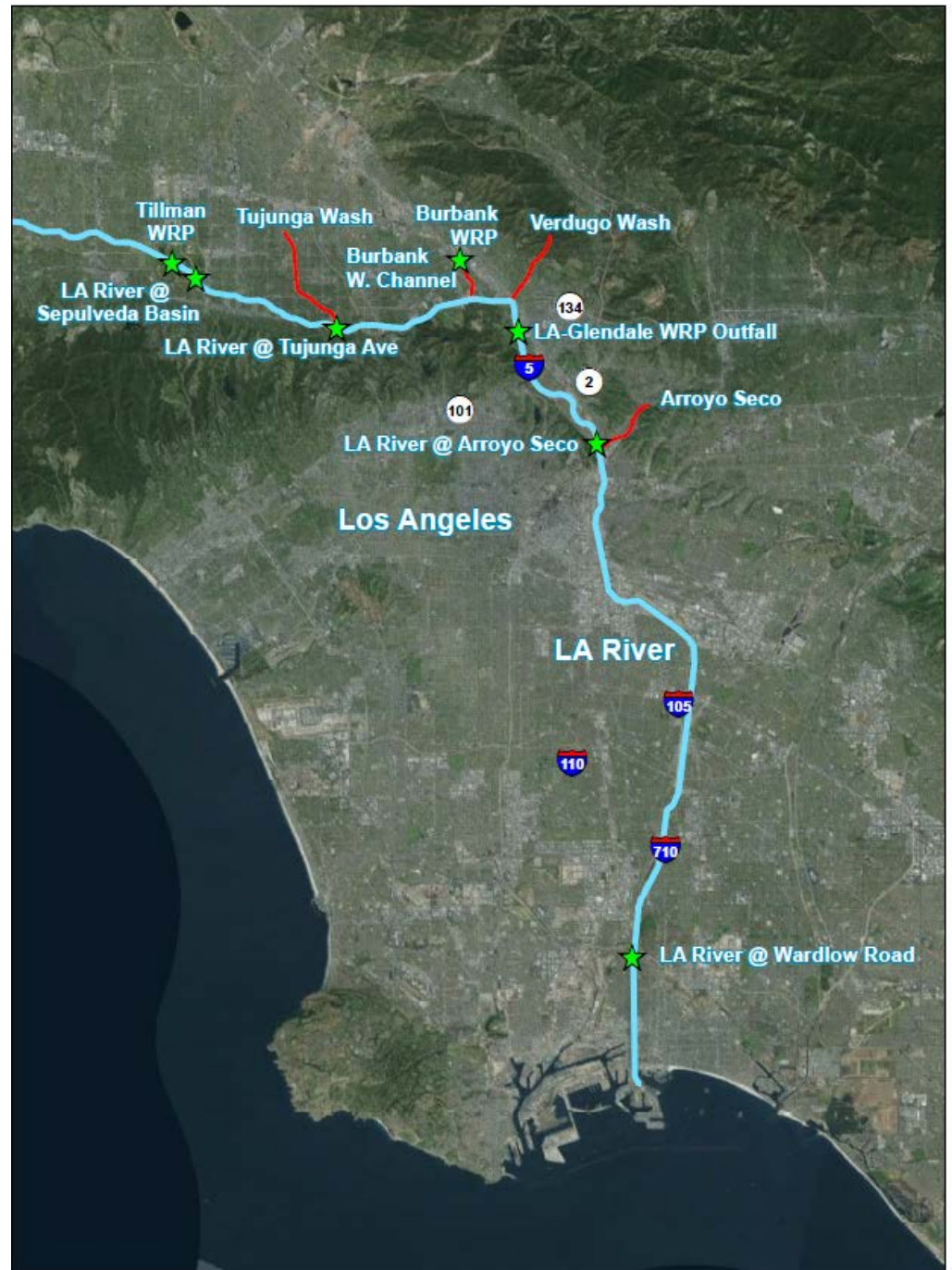


RW Exchange with LADWP

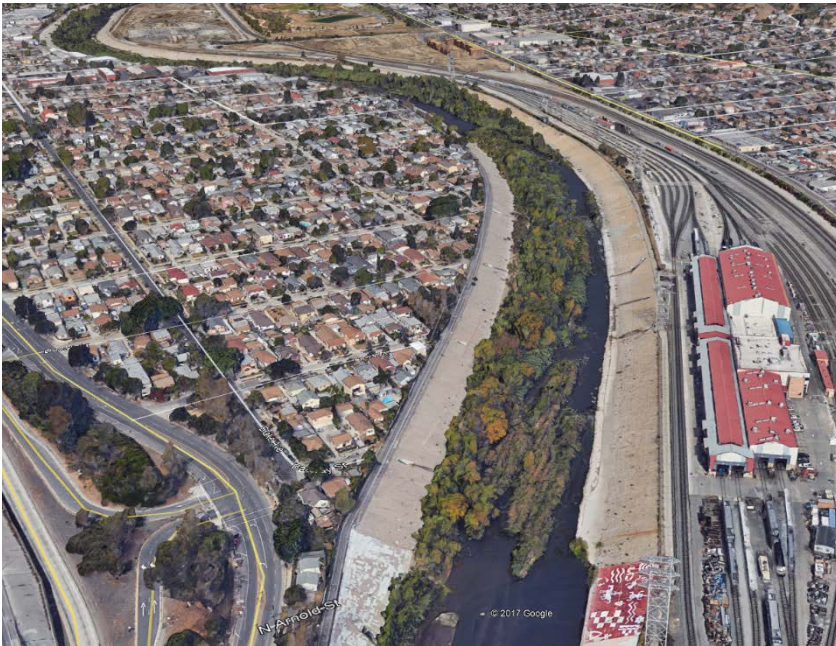
Location	Amount (AF/Y)
Woodbury University	15
Whitnall Dog Park Extension	37
Chandler Bike Path Extension	57
North Hollywood Park Extension	191
TOTAL POTENTIAL EXCHANGE: 300 AFY (98 MGY)	

Los Angeles River and major tributaries:

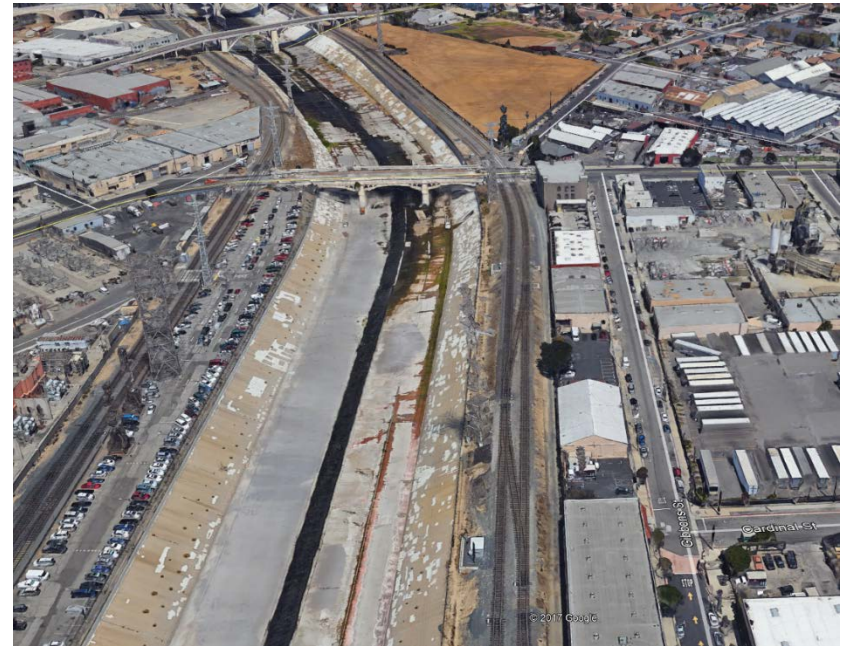
- Tujunga Wash
- Verdugo Wash
- Arroyo Seco



Burbank Western Channel to Arroyo Seco

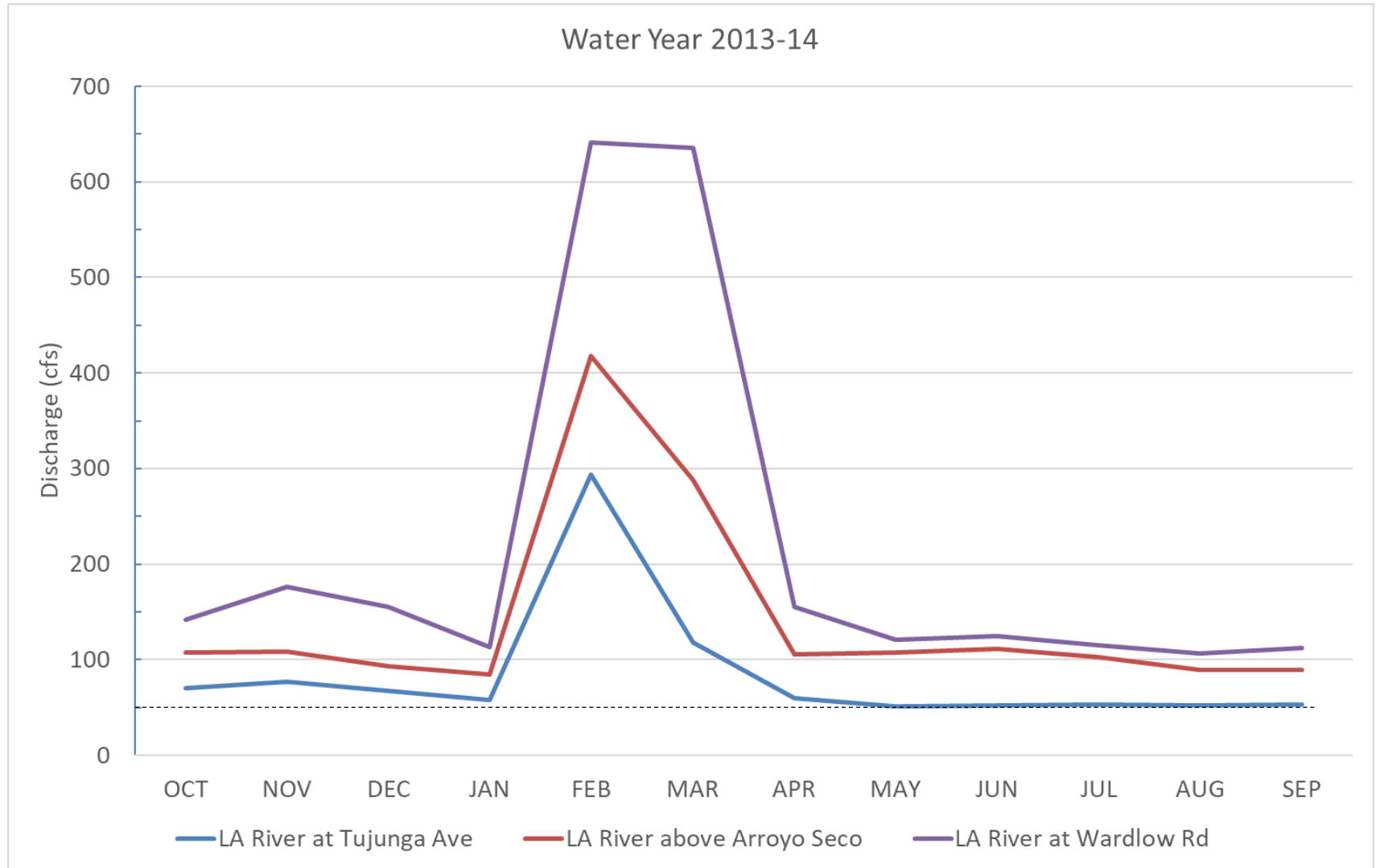


Arroyo Seco confluence to tidal limit



**Downstream of Arroyo Seco,
channel is concrete with little or no habitat value**

Average monthly Los Angeles River flow





**At Fletcher Street
looking north**

**(above Arroyo
Seco confluence)**





**Just south of
Fletcher Street**

**(above Arroyo
Seco confluence)**



Old Sixth Street Bridge (below Arroyo Seco confluence)



Thank You