

RECYCLED WATER PROGRAM UPDATE

Riverside Public Utilities

Board of Public Utilities
December 10, 2018

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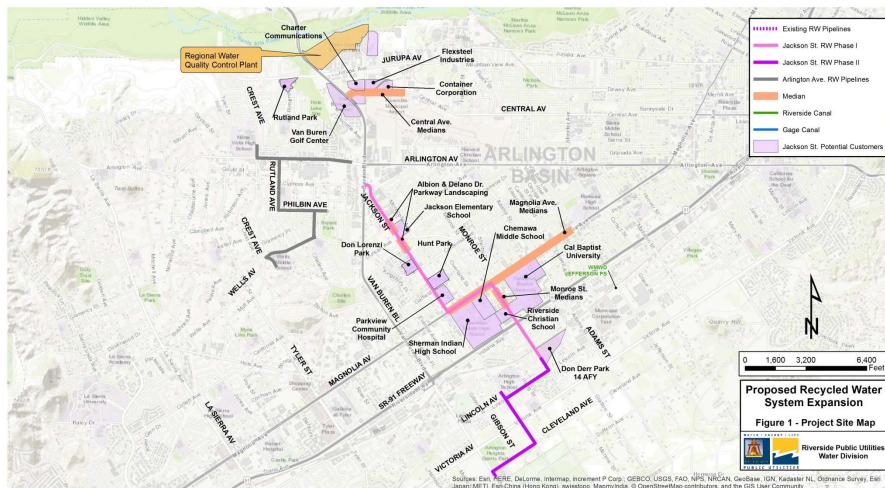
BACKGROUND

1. Last Recycled Water Program update presented to Board on May 22, 2017
2. Recycled Water Projects Update:
 - a. Jackson Street Recycled Water Pipeline Project, Phase I
 - b. Jackson Street Recycled Water Pipeline Project, Phase II
 - c. Arlington Avenue Recycled Water Project
 - d. Regional Recycled Water Project

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RECYCLED WATER PROJECTS



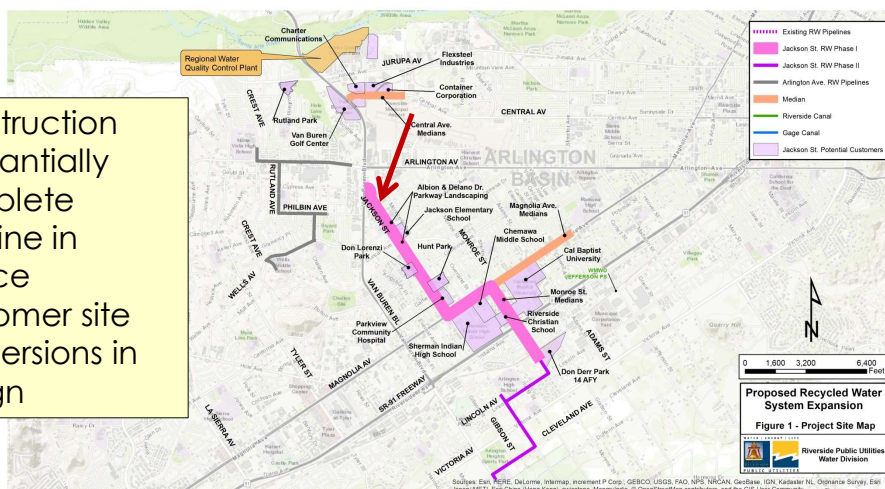
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JACKSON ST. RW PIPELINE PROJECT – PHASE I

- Construction substantially complete
- Pipeline in service
- Customer site conversions in design



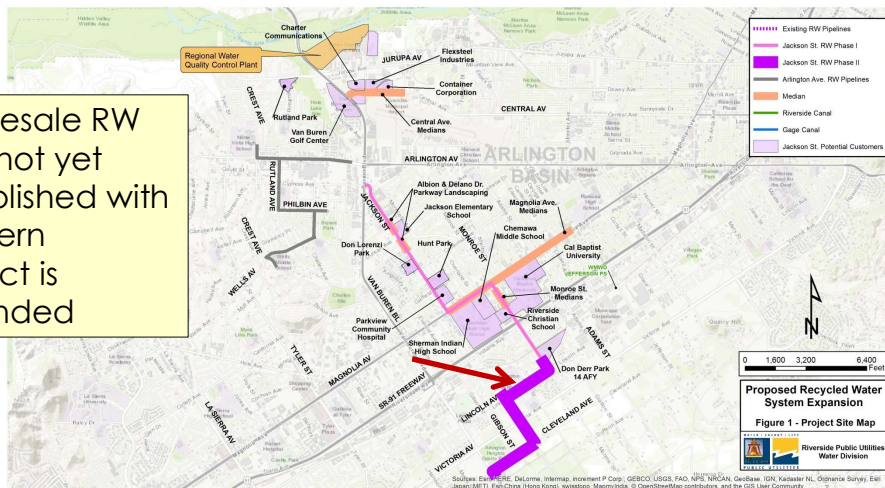
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JACKSON ST. RW PIPELINE PROJECT – PHASE II

- Wholesale RW rate not yet established with Western
- Project is unfunded



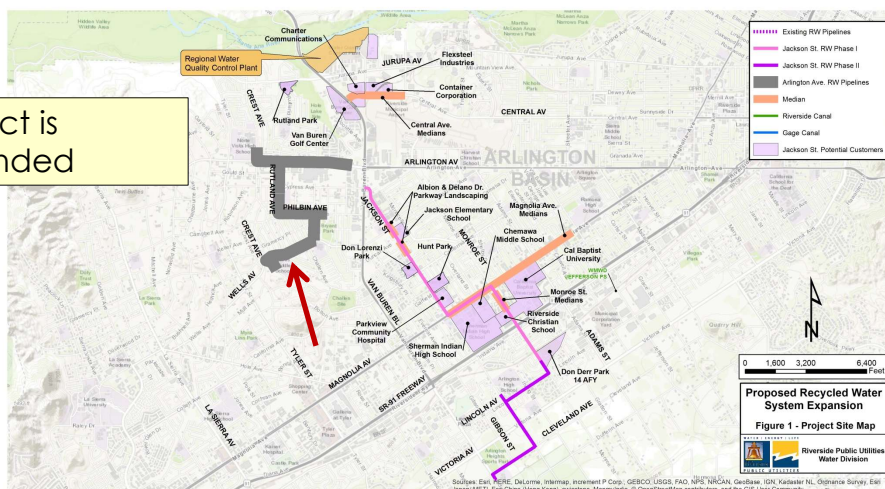
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ARLINGTON AVE. RW PIPELINE PROJECT

- Project is unfunded



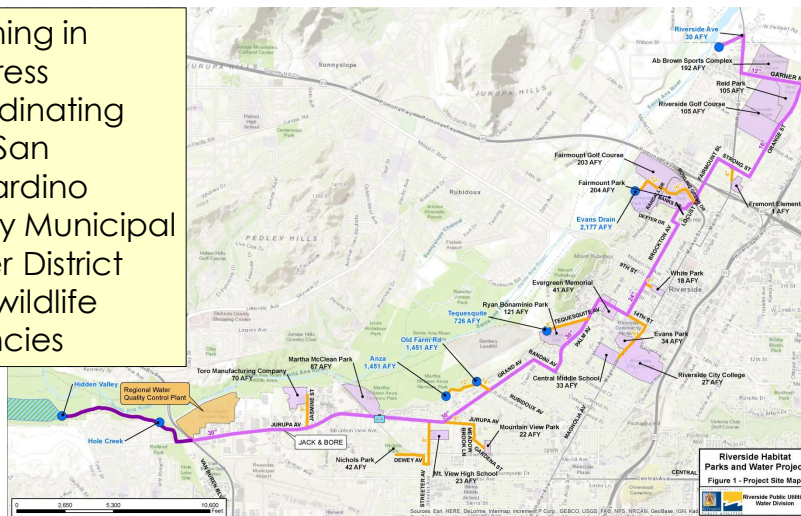
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REGIONAL RECYCLED WATER PROJECT

- Planning in progress
- Coordinating with San Bernardino Valley Municipal Water District and wildlife agencies



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PUBLIC WORKS/RPU MOU

1. Outlines responsibilities between PW and RPU
 - a. Operations and Maintenance
 - b. Communication
 - c. RW Costs
2. PW to operate and maintain Regional Water Quality Control Plant and produce Title 22 recycled water

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PUBLIC WORKS/RPU MOU (Cont'd)

3. RPU responsible for testing, inspection, monitoring and regulatory reporting within distribution system outside of RWQCP
4. PW and RPU responsible for maintenance and repairs of pipelines and appurtenances on their respective sides of the system
 - PW responsible for RWQCP
 - RPU responsible for distribution system



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PUBLIC WORKS/RPU MOU (Cont'd)

5. Identified incremental capital construction costs which were part of the RWQCP upgrade

Item	RPU's Share of		Total
	Construction Costs	Interest Paid	
Recycled Water Booster Station	\$2,103,839	\$762,176	\$2,866,015
36-Inch Pipeline	\$664,474	\$212,440	\$876,914
Totals	\$2,768,313	\$974,616	\$3,742,929
RPU Payment to PW			\$3,742,929
Total To Use			\$3,750,000



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PUBLIC WORKS/RPU MOU (Cont'd)

6. \$3,750,000 to be paid by RPU to PW over 5 years in annual payments of \$750,000

RECOMMENDATIONS

That the Board of Public Utilities:

1. Receive and file an update on the City's Recycled Water Program;
2. Recommend that the City Council approve the Memorandum of Understanding between Public Works and Public Utilities Departments designating the roles and responsibilities of the parties regarding the operation and maintenance of the recycled water system within the Riverside Regional Water Quality Control Plant; and

RECOMMENDATIONS (Cont'd)

3. Recommend that the City Council approve the capital expenditure for \$3,750,000, in five annual payments of \$750,000 for Public Utilities Department's share of the recycled water system improvements at the Riverside Regional Water Quality Control Plant.