

Similar to the 2015 RW Survey. The user populates the volumes per year for each RW customer type, populates the volumes per month for 2019 to better understand annual volume distributions, and answers the series of questions at the bottom.

BACWA Recycled Water Survey 2020

Agency Name (Recycled Water Producer): **N/A**

Recycled Water Distributors/Retailers: **If different than Agency Name above**

CURRENT AND PROJECTED FUTURE AMOUNT OF RECYCLED WATER BY USE CATEGORY (in acre-feet)

Type of RW (See Note A):	Total Distributed	Wet Season/Dry Season Distribution	Confidence (See Note B)	Golf Course Irrigation (See Note C)	Landscape (See Note D)	Commercial (See Note E)	Industrial (See Note F)	Agricultural (See Note G)	Environmental Enhancement (See Note H)	Internal Use (See Note I)	GW Recharge for Indirect Potable Reuse	Surface Water Augmentation	Direct Potable Reuse	Other Non-potable Reuse (See Note J)	RO concentrate or other return flows (See Note K)	Comments
Previously Submitted in 2015 (Year 2015 Values)				0	100		5	0	13	0	32	0	0	0	0	
Current 2019					513		5		68		32					
Future 2025					552		5		68		32					
Future 2030					552		5		173		32					
Future 2035					1,063		5		173		32					
Future 2040					1,063		5		173		32					
Future 2045																

2019 MONTHLY RECYCLED WATER DISTRIBUTION DATA BY USE CATEGORY (in acre-feet) (NEED TO UPDATE WITH 2019 VALUES)

	TOTAL	Confidence	Golf Course	Landscape	Commercial	Industrial	Agricultural	Environ. Enhancement	Internal Use	GW Recharge	Surface Water	Direct Potable	Other Non-potable	Return Flows	Comments
January	3			0.592	0.211		0.000		2.113						
February	3			0.833	0.145		0.000		1.712						
March	5			1.878	0.257		0.000		2.931						
April	11			7.525	0.560		0.000		3.300						
May	15			6.593	0.241		3.211		4.787						
June	15			9.825	0.099		0.188		4.447						
July	16			10.878	0.323		2.541		2.340						
August	22			16.392	0.650		2.600		2.141						
September	20			13.893	0.840		3.276		2.143						
October	17			12.364	0.571		1.283		2.327						
November	16			13.172	0.587		0.000		1.980						
December	8			6.058	0.381		0.000		1.775						
TOTAL	150			100	5		13		32						

Notes: (See RW Definitions sheet for more detail)

- A** Type of Recycled Water = Untreated wastewater (UW), Primary Disinfected (PD), Secondary Undisinfected (SU), Secondary 2.3 Disinfected (S2.3), Secondary 2.2 Disinfected (S2.2), Tertiary Disinfected (TD), Advanced Treatment (AT)
- B** Confidence = level of confidence in the values provided. 1 = includes only projects that are currently budgeted; 2 = includes projects that are in master plan; 3 = includes projects that are conceptual
- C** Golf Course includes public and private courses including impoundments.
- D** Landscape includes parks, sports fields, green belts, landscaped areas, excluding golf courses
- E** Commercial includes dual-plumbed projects, fire protection, other uses at commercial facilities not included in other categories
- F** Industrial includes cooling towers, process water
- G** Agricultural includes irrigation, frost protection, agricultural reservoir augmentation
- H** Environmental Enhancement includes wildlife habitat, wetland/marsh applications, natural system restoration
- I** Internal Use includes facility process water, site irrigation, internal plumbing, fire protection at facility
- J** Other non-Potable Reuse includes salt water intrusion barrier, recreational impoundments, geothermal energy production, dust control, truck fill, residential fill (use comments to describe)
- K** Return Flows includes RO concentrate or other return flows to the wastewater treatment plant - please include in comments which use produces return flows

QUESTIONS:

1. What do you see as your barriers for implementation of recycled water projects? (choose from drop down lists)

Barrier 1 Barrier 2 Barrier 3

Comments:

2. What do you see as drivers for implementing your recycled water projects? (choose from drop down lists)

Driver 1 Driver 2 Driver 3

Comments:

3. For your planned recycled water projects, are your proposed customers primarily existing businesses (e.g. existing parks, manufacturing) or are your proposed customers primarily new/redevelopment businesses (e.g. a new golf course, a new power plant)?

Answer:

4. Do you believe the issuance of regulations for Direct Potable Reuse (expected by 2024) will impact your agency's decisions on recycled water project type and implementation going forward?

Answer:

5. Please include an itemized list of existing industrial RW users.

Answer:

6. Are there any CIP projects planned that would have with a "synergistic benefit" for future recycled water and pollutant discharge load reduction (e.g., MBR to improve discharge water quality while simultaneously positioning your agency for future recycled water opportunities)?

Answer:

7. Please include any comments on seasonal RW demand/production, as well as storage capabilities.

Answer: