



DISCUSSION ITEM

January 13, 2022

TO: Board of Directors

FROM: Robert Hunter, General Manager

Staff Contact: Charles Busslinger,
Heather Baez

**SUBJECT: DISCUSSION REGARDING ADJUSTMENT OF MWDOC DIVISION
BOUNDARIES PURSUANT TO ELECTIONS CODE FOLLOWING 2020
CENSUS**

STAFF RECOMMENDATION

Staff recommends the Board of Directors receive and discuss a presentation from the Center for Demographic Research (CDR) regarding additional potential mapping plans as part of the District's required efforts to adjust division boundaries in response to the 2020 federal census, provide input to CDR on potential maps, and receive public comment. A second public hearing with revised maps will be presented to the Board at the January 19, 2022 Board meeting.

COMMITTEE RECOMMENDATION

This item was not reviewed by a Committee.

SUMMARY

Attachments to this writeup include:

- PowerPoint Presentation of 2 previously presented and 5 additional Board requested map plans
- Set of 7 plan maps for consideration:
 - Plan 1 Spread 6.53% - Presented January 5, 2022
 - Plan 2 Spread 7.22% - Presented January 5, 2022

Budgeted (Y/N):	Budgeted amount: \$10,000	Core <u>X</u>	Choice <u> </u>
Action item amount:	Line item:		
Fiscal Impact (explain if unbudgeted): Approximately \$23,400 in work with CDR is estimated for this effort. CDR is providing additional support necessary to revise division boundaries within the time constraints, which was not previously anticipated.			

- Plan 3 Spread 11.66% - Board requested additional plan
- Plan 4 Spread 14.22% - Board requested additional plan
- Plan 5 Spread 9.11% - Board requested additional plan
- Plan 6 Spread 6.33% - Board requested additional plan
- Plan 7 Spread 8.32% - Board requested additional plan

Redistricting Status

A Public Hearing was held on December 6, 2021 to solicit public input on MWDOC's redistricting process. The Board then provided direction to staff on desired changes to division boundaries.

Staff and CDR returned to the Board on January 5, 2022 with two mapping plans based upon the Board's December 6, 2021 direction.

The Board directed staff to work with CDR to develop additional plans for consideration and elected to hold a Special Board meeting on January 13, 2022 to review and discuss the potential plans. Staff and CDR are returning to the Board to present all seven plans. Board-directed revisions to the January 13, 2022 mapping plans will be presented at the January 19, 2022 Board Meeting for public input and further Board direction.

Given time constraints, staff recommends that the Board consider reducing the number of plans and plan iterations so that the work can be completed within the available time. Staff anticipates that Board-directed mapping plan changes will be incorporated into a final proposed map for the Board's consideration for adoption by resolution at the February 16, 2022 Board meeting.

Schedule

Proposed schedule for this effort includes:

Date	Purpose	Public Meeting
Dec. 6, 2021	CDR to present existing conditions and provide overview of redistricting process	Special Meeting of the Board at the joint A&F and P&O Committee
Jan. 5, 2022	CDR to present two mapping plans and obtain Board input	Board Workshop Meeting
Jan. 13, 2022	Special Board Workshop on potential map plans	Special Board Meeting
Jan. 19, 2022	Present revised mapping plan(s) and receive public input and further Board input	Board Meeting
Feb. 16, 2022	Adopt adjusted division boundaries by Resolution	Board Meeting

Attachments:

1. Center For Demographic Research Presentation - 2022 MWDOC Board of Directors Redistricting January 13, 2022
2. Maps of seven proposed plans

2022 MWDOC Board of Directors Redistricting Workshop

Adjustment of MWDOC Division Boundaries Pursuant To
Elections Code
Municipal Water District of Orange County

January 13, 2022

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Acronyms

- ACS- American Community Survey
- CDP- Census Designated Place
- CDR- Center for Demographic Research
- CVAP- Citizen Voting Age Population
- P.L. 94-171- Public Law 94-171
- ROV- Registrar of Voters
- SWDB- California Statewide Database

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Redistricting Data & Existing Conditions

- Redistricting data sources:
 - U.S. Census Bureau 2020 Decennial Census Public Law 94-171 Redistricting Data
 - Citizen Voting Age Population (CVAP) from U.S. Census Bureau American Community Survey 2015-2019 5-Year Estimates
- MWDOC 2020 Population: 2,386,005
- Target Director Division Population = 340,858

Current Divisions
Percent Spread:
24.22%

Division	Difference from Target 2020 Population	
	Number	Percent
1	-7,999	-2.35%
2	-30,932	-9.07%
3	-17,864	-5.24%
4	-8,017	-2.35%
5	51,637	15.15%
6	41,880	12.29%
7	-28,706	-8.42%

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Redistricting Criteria

- The director divisions shall be nearly equal in population
- Consideration may be given to the following factors:
 - Topography
 - Geography
 - Cohesiveness, contiguity, integrity, and compactness of territory
 - Communities of interest
 - MWDOC Admin Code Article 2 page vi:
“It is the general policy of the Board to evaluate the division boundaries in coordination with the census data (every ten years) and to best maintain the District’s “Community of Interest” as the member agency service areas (water providers as the primary guideline and keeping cities intact as to the greatest extent practicable).”

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2022 Redistricting Plans

Plan	Overall Percent Spread	Viable?
1	6.53%	Yes
2	7.22%	Yes
3	11.66%	No
4	14.22%	No
5	9.11%	Yes
6	6.33%	Yes
7	8.32%	Yes

Percent spread is the difference between the smallest and largest divisions.

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MWDOC Directors & Divisions



Division 1
Al Nederhood



Division 2
Larry Dick



Division 3
Bob McVicker



Division 4
Karl Seckel



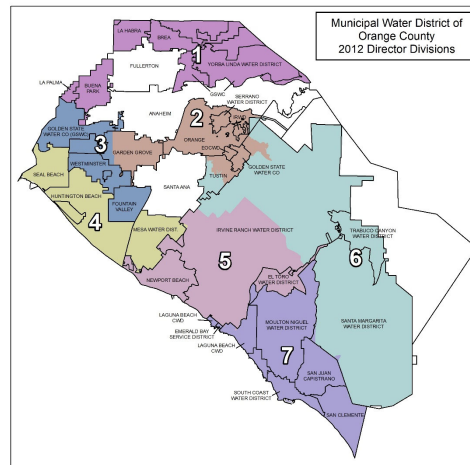
Division 5
Sat Tamaribuchi



Division 6
Jeff Thomas



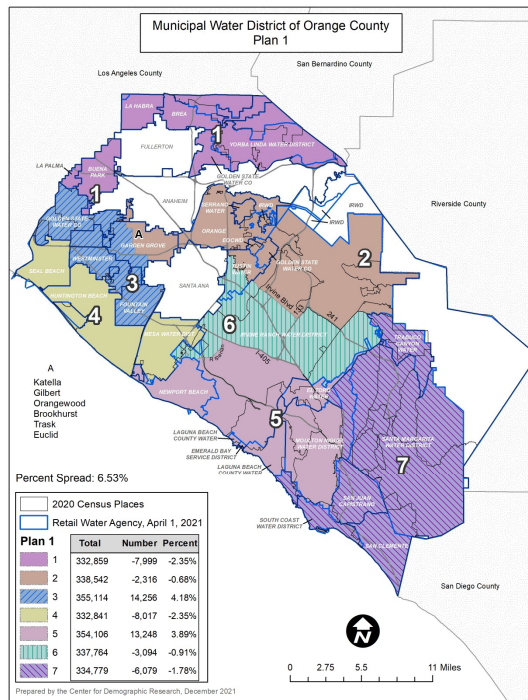
Division 7
Megan Yoo Schneider



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Plan 1

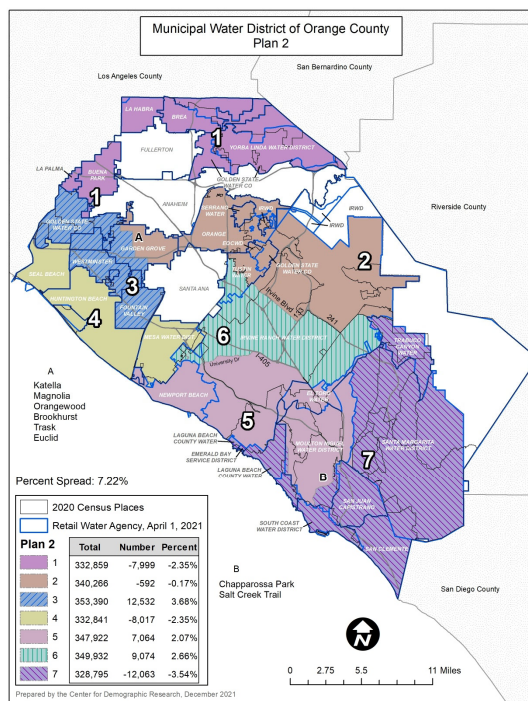
Percent spread:
6.53%



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Plan 2

Percent spread:
7.22%

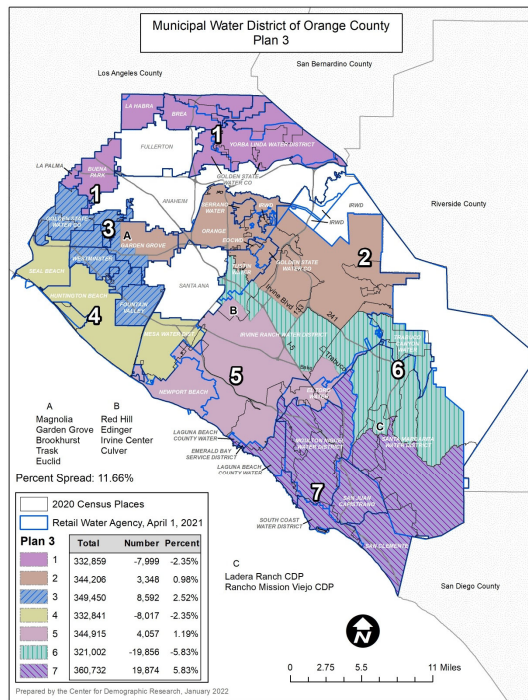


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Plan 3

Percent spread:
11.66%

Not Viable

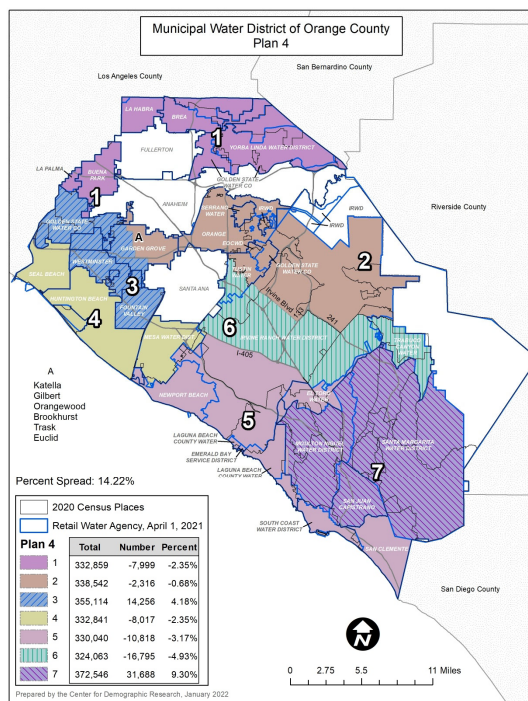


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Plan 4

Percent spread:
14.22%

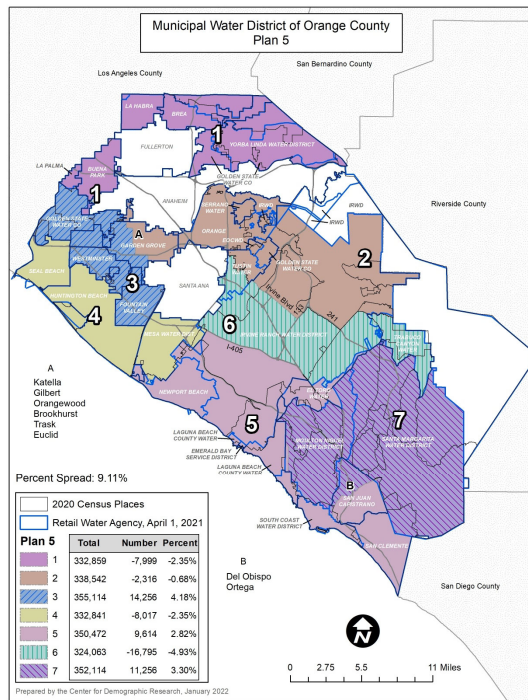
Not Viable



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Plan 5

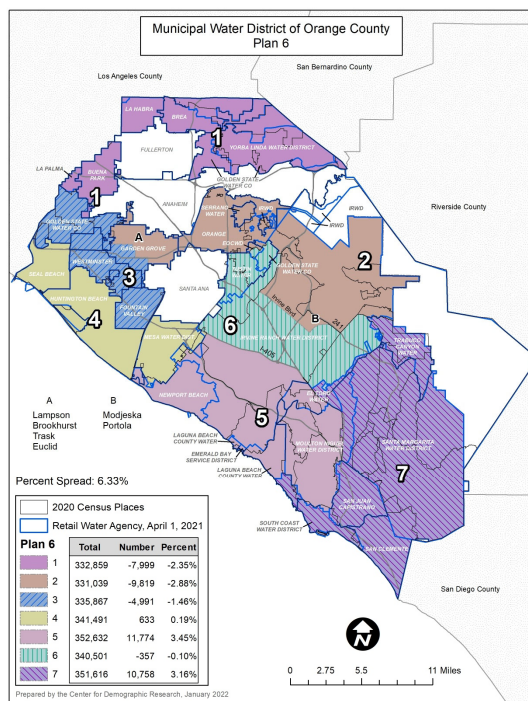
Percent spread:
9.11%



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Plan 6

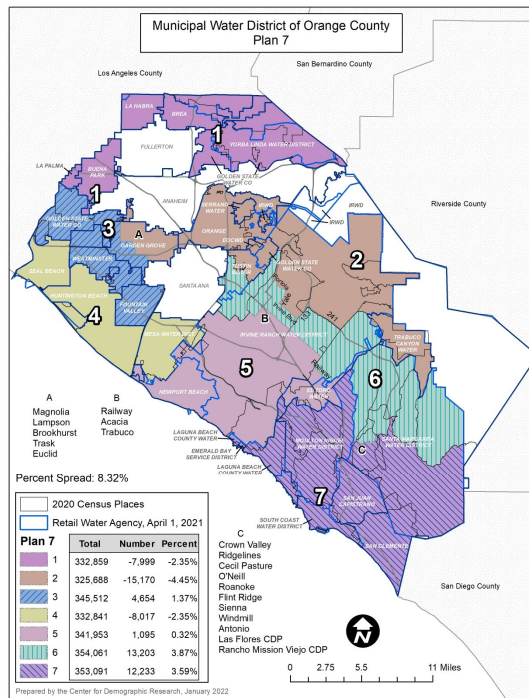
Percent spread:
6.33%



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Plan 7

Percent spread:
8.32%



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Timeline

- January 19, 2022- Board meeting
- February 16, 2022- Board adoption of plan
- April 17, 2022- Deadline to adopt new division boundaries

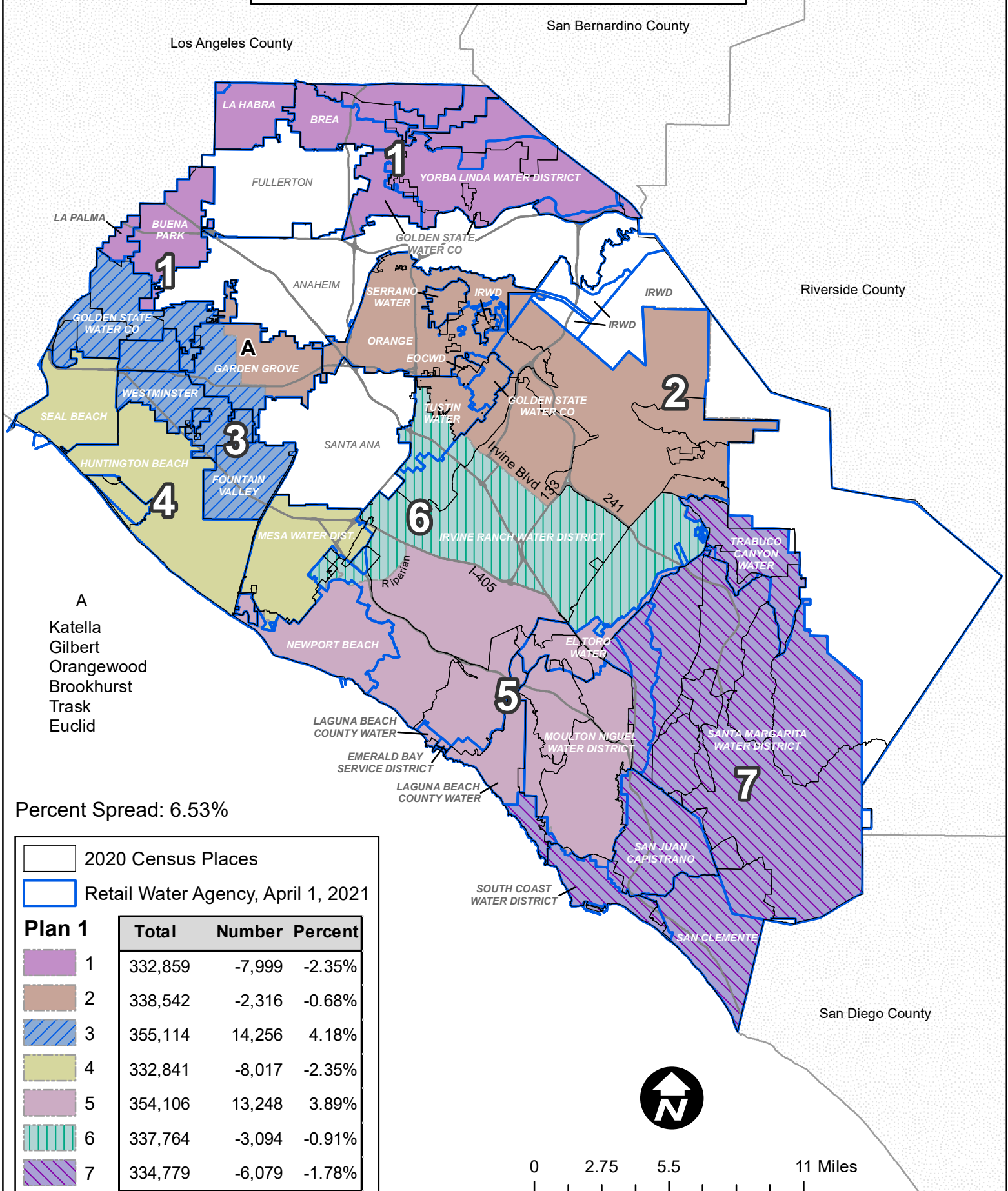
14



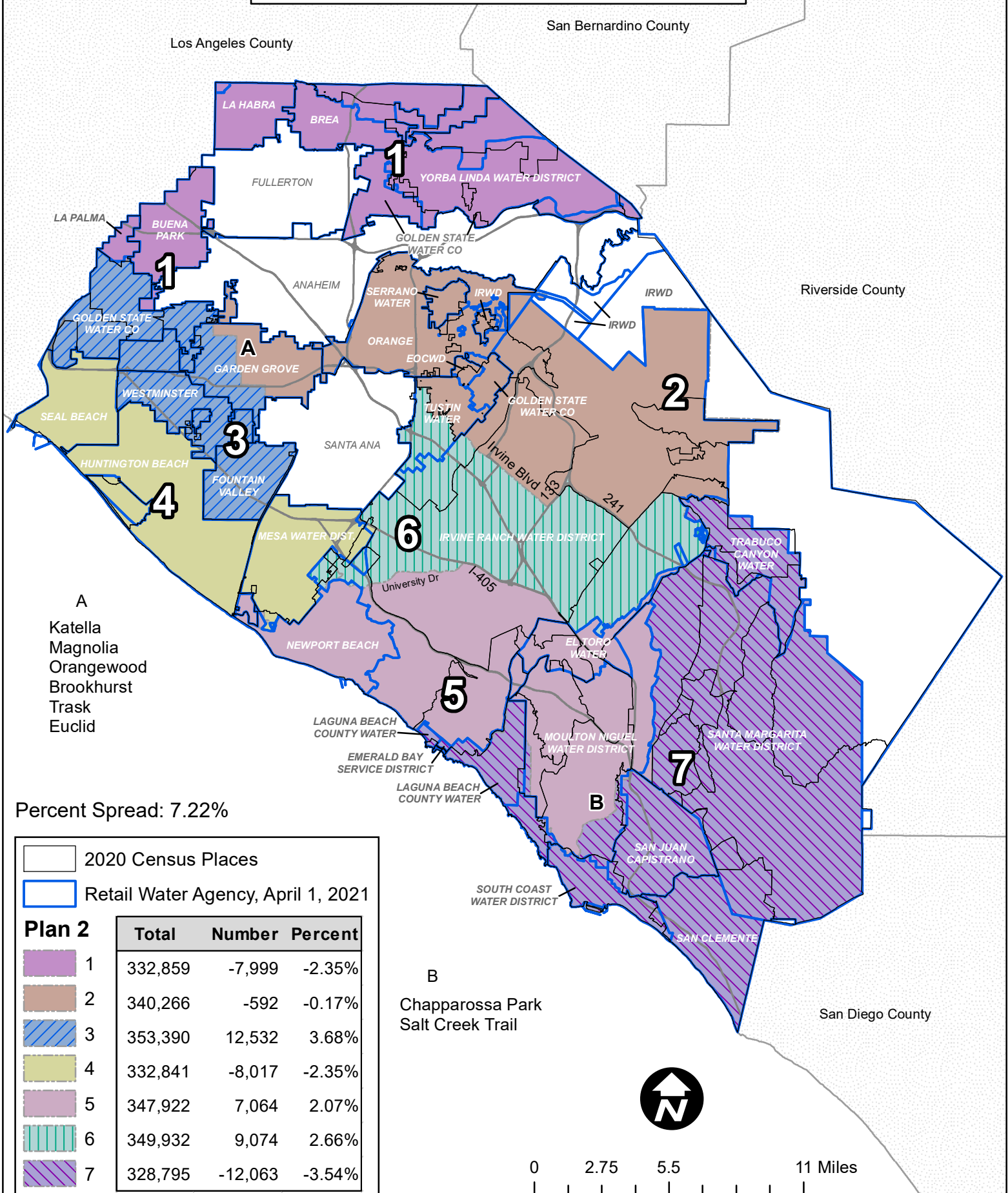
Questions and Feedback

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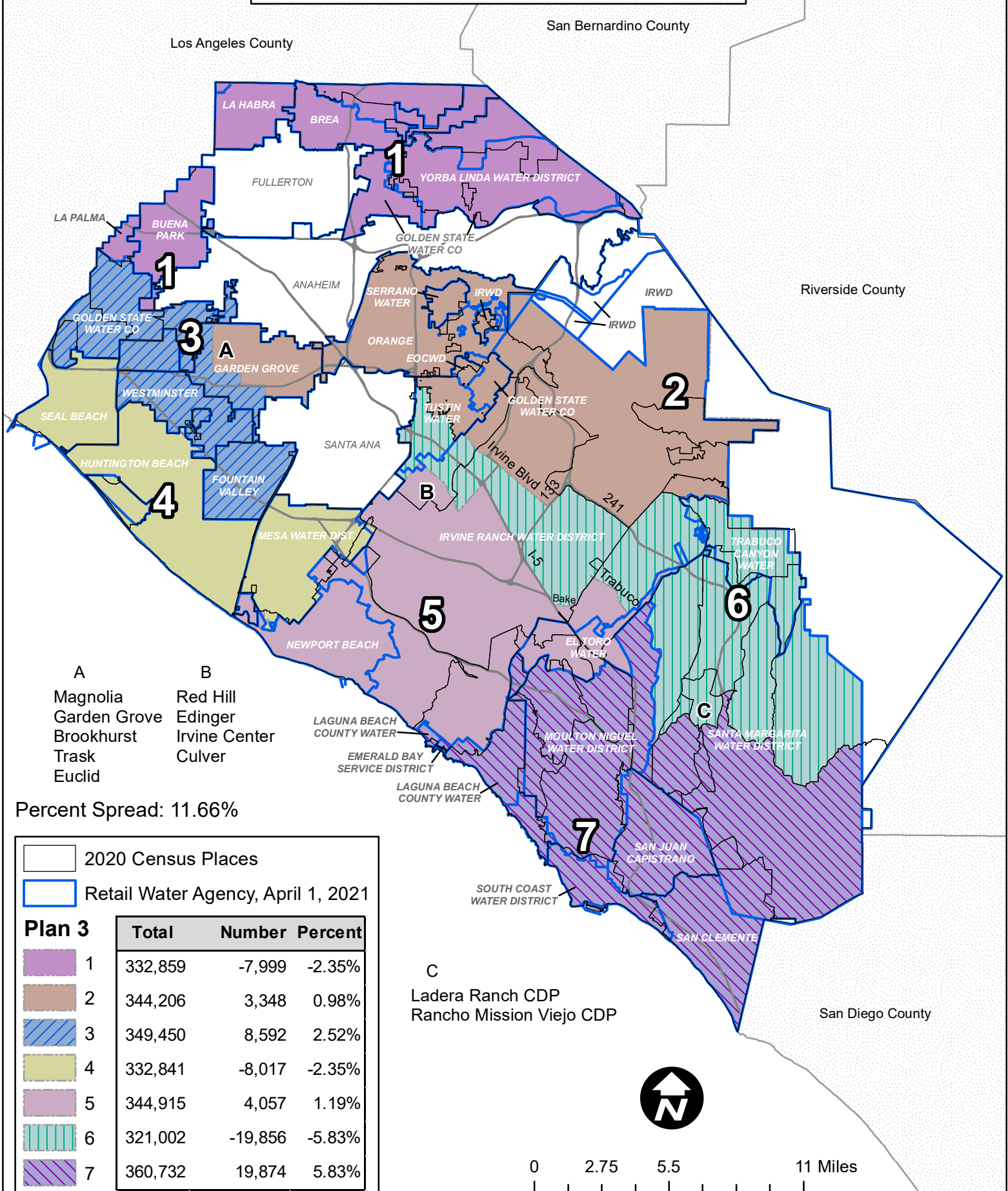
Municipal Water District of Orange County Plan 1



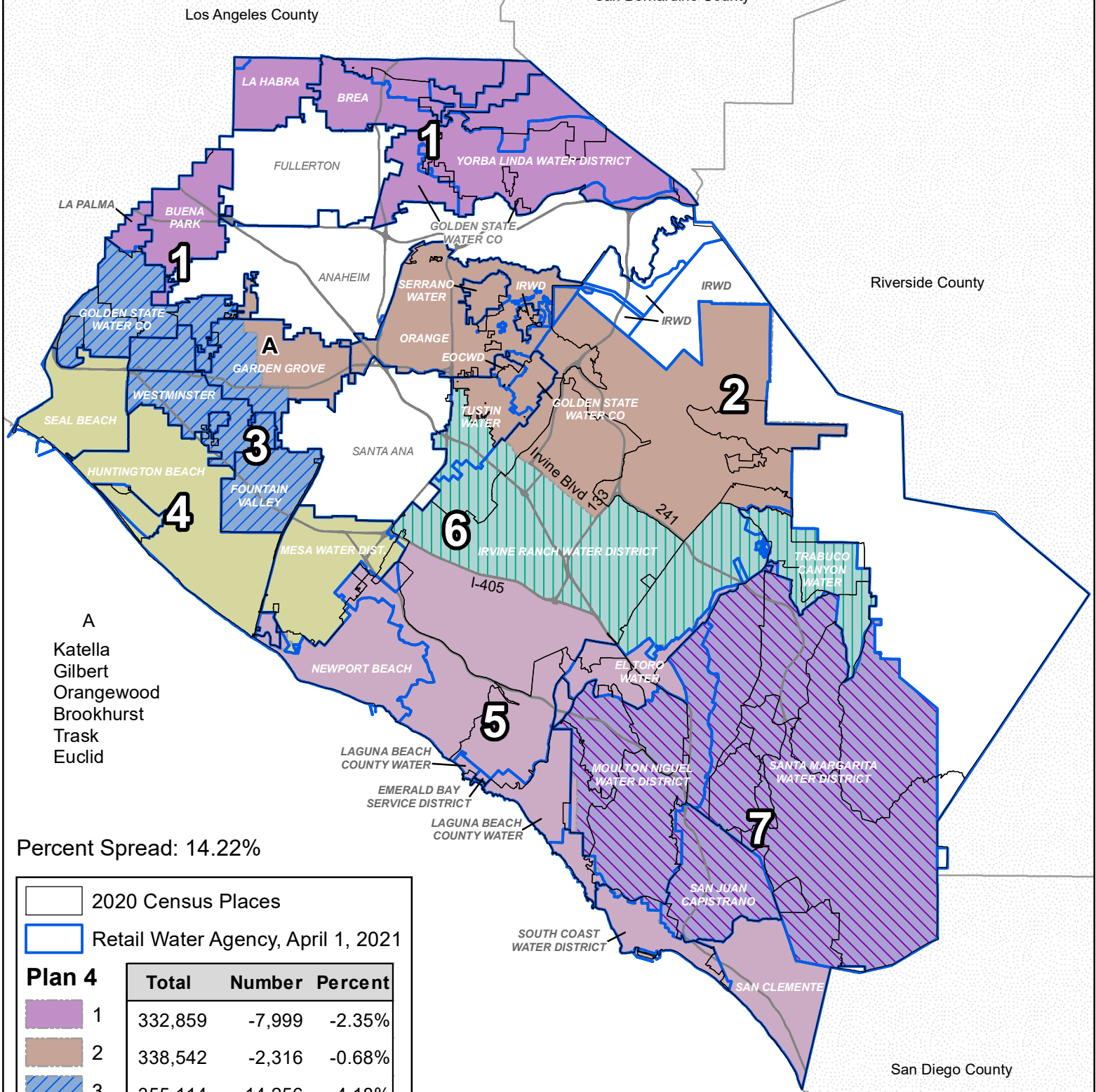
Municipal Water District of Orange County Plan 2



Municipal Water District of Orange County Plan 3



Municipal Water District of Orange County Plan 4



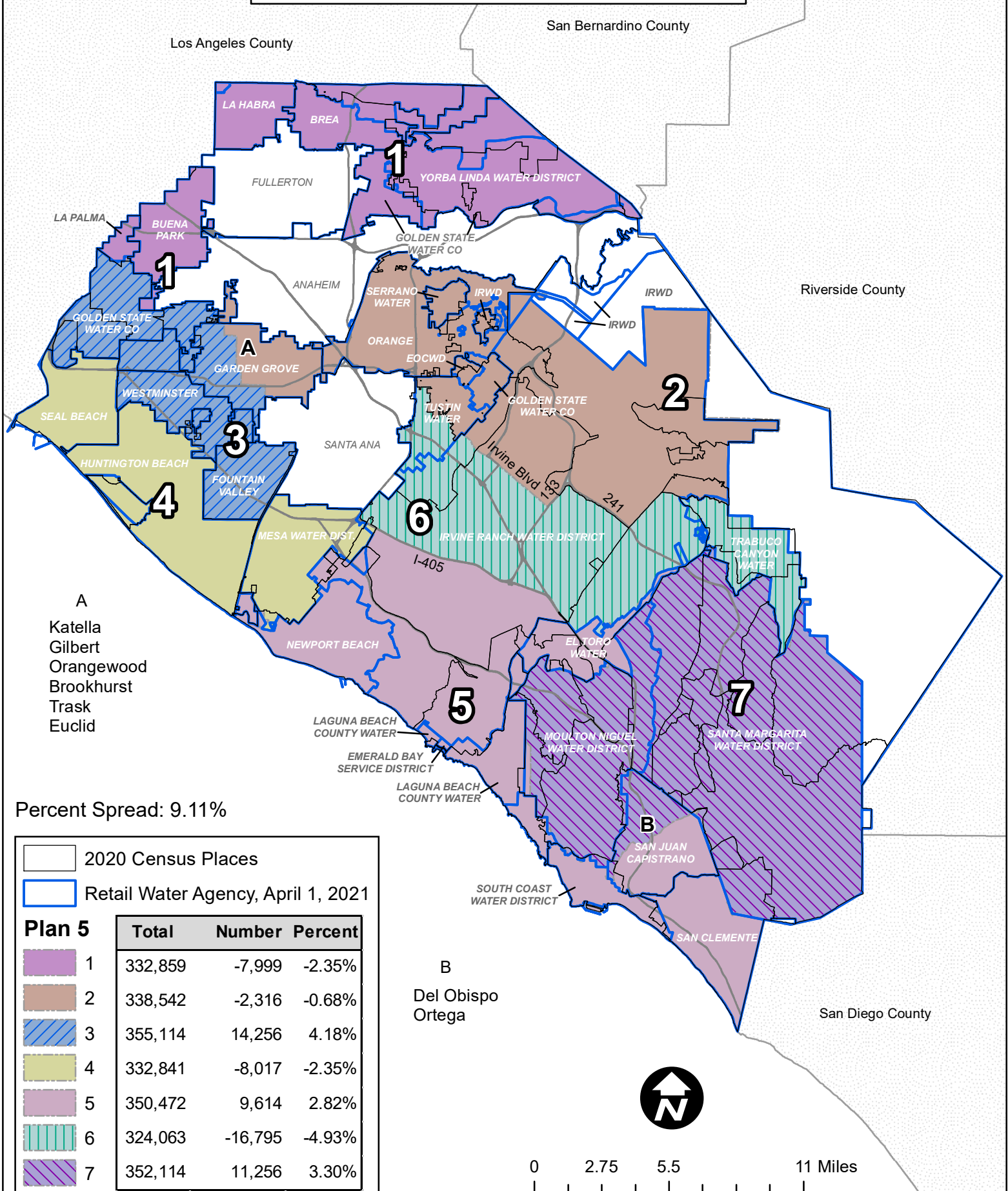
Percent Spread: 14.22%

	2020 Census Places		
	Retail Water Agency, April 1, 2021		
Plan 4	Total	Number	Percent
1	332,859	-7,999	-2.35%
2	338,542	-2,316	-0.68%
3	355,114	14,256	4.18%
4	332,841	-8,017	-2.35%
5	330,040	-10,818	-3.17%
6	324,063	-16,795	-4.93%
7	372,546	31,688	9.30%

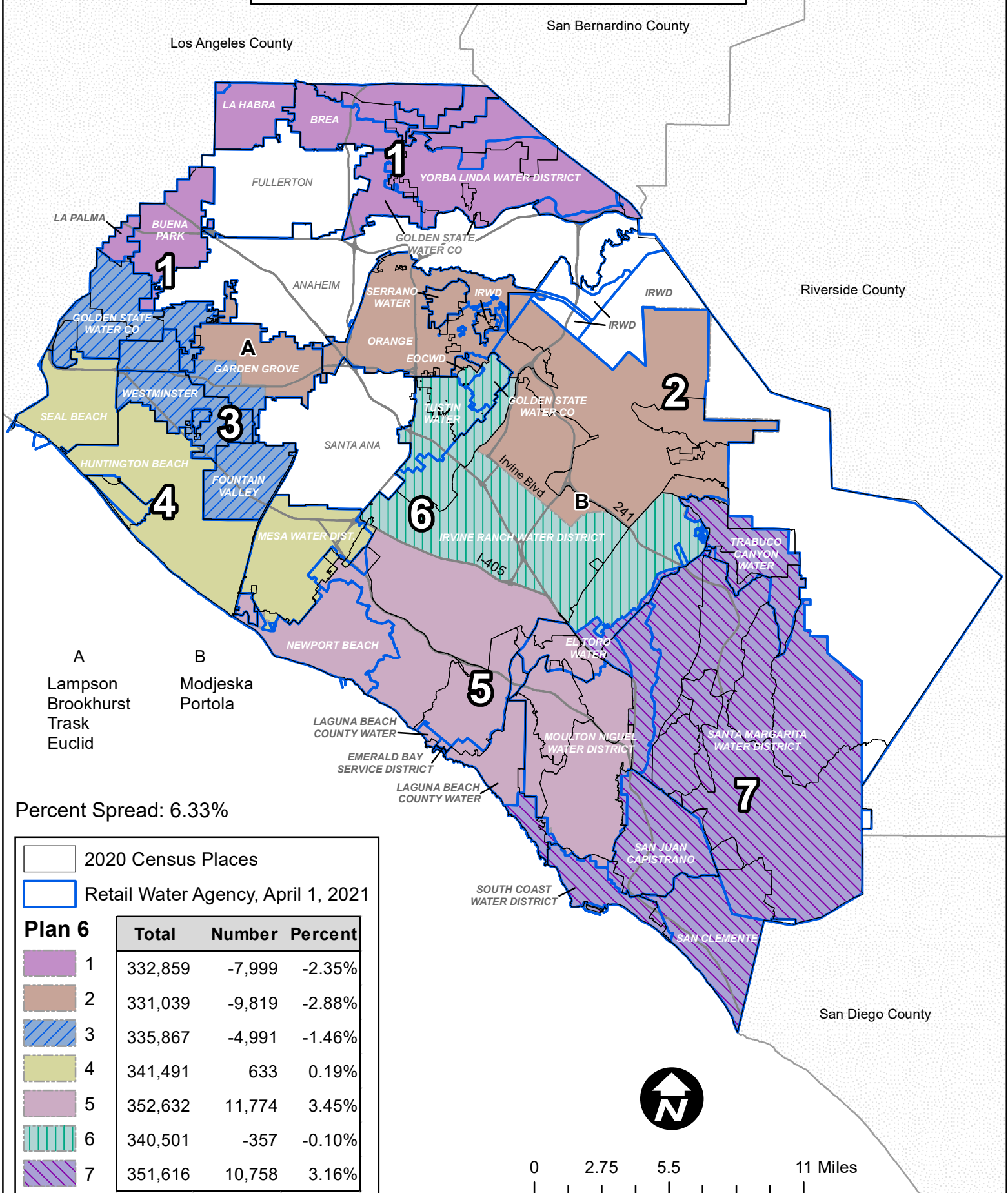


0 2.75 5.5 11 Miles

Municipal Water District of Orange County Plan 5



Municipal Water District of Orange County Plan 6



Municipal Water District of Orange County Plan 7

