

**AGENDA
IRVINE RANCH WATER DISTRICT
BOARD OF DIRECTORS
REGULAR MEETING**

January 14, 2019

PLEDGE OF ALLEGIANCE

CALL TO ORDER

5:00 p.m., Board Room, District Office
15600 Sand Canyon Avenue, Irvine, California

ROLL CALL

Directors Reinhart, Matheis, Swan, and Withers and President LaMar

NOTICE

If you wish to address the Board on any item, including Consent Calendar items, please file your name with the Secretary. Forms are provided on the lobby table. Remarks are limited to three minutes per speaker on each subject. Consent Calendar items will be acted upon by one motion, without discussion, unless a request is made for specific items to be removed from the Calendar for separate action.

COMMUNICATIONS TO THE BOARD

1. A. Written:

B. Oral:

2. **ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

Recommendation: Determine the need to discuss and/or take immediate action on item(s).

PUBLIC HEARING

3. **EVALUATING A CHANGE IN THE ELECTIONS PROCESS FOR THE IRVINE RANCH WATER DISTRICT BOARD OF DIRECTORS AND ESTABLISHING DIVISION BOUNDARIES**

A. Declare the Board meeting to be the time and place for a fourth Public Hearing;

B. Announce the hearing was noticed by publication;

C. Receive and file the Affidavits of Posting and Proof of Publication;

D. Request legal counsel to describe the nature of the proceedings and purpose;

E. Open the hearing to solicit and accept comment on the proposed move to by-division elections;

F. Request that the Government Relations Officer provide a report to the Board regarding the draft division maps and on any written comments received;

PUBLIC HEARING (Continued)

- G. Inquire whether there is any person present who wishes to provide comments;
- H. Inquire whether there are any comments or questions from the members of the Board; and
- I. Close the hearing and authorize staff to agendize a fifth public hearing for March 11, 2019, to either consider final action on a change in the elections process or to consider revised maps.

CONSENT CALENDAR

Resolution No. 2019-1

Items 4-10

4. RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS

Recommendation: That the Board ratify/approve the meetings and events for Mary Aileen Matheis, Doug Reinhart, Steve LaMar, Peer Swan and John Withers, as described.

5. MINUTES OF BOARD MEETINGS

Recommendation: That the minutes of the December 3, 1018 Regular Board meeting, December 10, 2018 Regular Board meeting, December 10, 2018 Special Board meeting, and December 17, 2018 Special Board meeting be approved as presented.

6. 2018 GENERAL DISTRICT ELECTION RESULTS

Recommendation: That the Board adopt a resolution declaring results of the November 6, 2018 General District Election.

Reso. No. 2019-

7. MEMORANDUM ON OFFICERS OF THE BOARD, COMMITTEE APPOINTMENTS AND OTHER ASSIGNMENTS

Recommendation: That the Board receive and file the memorandum dated January 14, 2019, entitled Officers of the Board, Committee Appointments and Other Assignments, approve attendance for the meetings and events for the Board's representation for Calendar year 2019 as delineated, and adopt a resolution rescinding Resolution No. 2018-3 and revising the assignment of Directors to Committees of the Board.

Reso. No. 2019-

CONSENT CALENDAR (Continued)

Items 4-10

8. DOMESTIC WATER PIPELINE REPLACEMENT TO THE MICHELSON WATER RECYCLING PLANT AIR GAP FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the six-inch Domestic Water Pipeline Replacement to the Michelson Water Recycling Plant Air Gap, Project 07149, authorize the General Manager to file a Notice of Completion, and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

9. MICHELSON WATER RECYCLING PLANT SOUTH IRVINE INTERCEPTOR MANHOLE ACCESS FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Michelson Water Recycling Plant South Irvine Interceptor Manhole Access, Project 07112, authorize the General Manager to file a Notice of Completion, and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

10. MICHELSON WATER RECYCLING PLANT EQUIPMENT YARD ASPHALT REPLACEMENT CONTRACT AWARD

Recommendation: That the Board authorize the General Manager to execute a construction contract with Sanders Paving, Inc. in the amount of \$159,126.25 for replacement of approximately 45,150 square feet of asphalt at the Michelson Water Recycling Plant.

ACTION CALENDAR

11. CANAL ALIGNMENT STUDY FOR THE KERN FAN GROUNDWATER STORAGE PROJECT


Recommendation: That the Board authorize the General Manager to execute a Professional Services Agreement with Dee Jaspar and Associates, Inc. in the amount of \$115,425 to perform a planning-level evaluation of potential canal alignments for the Kern Fan Groundwater Storage Project.

OTHER BUSINESS

Pursuant to Government Code Section 54954.2, members of the Board of Directors or staff may ask questions for clarification, make brief announcements, and make brief reports on his/her own activities. The Board or a Board member may provide a reference to staff or other resources for factual information, request staff to report back at a subsequent meeting concerning any matter, or direct staff to place a matter of business on a future agenda. Such matters may be brought up under the General Manager's Report or Directors' Comments.

12. General Manager's Report
13. Directors' Comments
14. Receive oral update(s) from District liaison(s) regarding communities within IRWD's service area and provide information on relevant community events.
15. Adjourn

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Irvine Ranch Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance to the Board of Directors Room of the District Office. The Irvine Ranch Water District Board Room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.), please contact the District Secretary at (949) 453-5300 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

January 14, 2019
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

PUBLIC HEARING

EVALUATING A CHANGE IN THE ELECTIONS PROCESS FOR THE
IRVINE RANCH WATER DISTRICT BOARD OF DIRECTORS
AND ESTABLISHING DIVISION BOUNDARIES

SUMMARY:

Pursuant to Water Code section 35180, IRWD uses an at-large method to elect the members of its Board of Directors. The at-large method allows for voters from the entire service area to elect each of the five members of the Board of Directors. The California Voting Rights Act favors a by-division method of election instead of an at-large method of election for electing members of local government governing bodies. A by-division method divides a service area into separate divisions and allows the voters from each division, as opposed to voters from the entire service area, to elect a member of the Board of Directors. In a by-division method of election, the elected individual serves as the division’s representative on the board and must reside in that division.

Since 2017, Elections Code section 10650 has authorized special districts such as IRWD to move from an at-large method of election to a by-division method of election in furtherance of the purposes of the California Voting Rights Act. Elections Code section 10010 governs the process for evaluating and transitioning to a by-division method of election. The first step in initiating the process is the adoption of a resolution of “Intent to Initiate the Process of Establishing Divisions and Elections by Divisions.” The IRWD Board of Directors adopted a resolution of “Intent to Initiate the Process of Establishing Divisions and Elections by Divisions” on April 2, 2018. The next steps involved a series of public hearings.

Pursuant to Elections Code section 10010, a fourth public hearing, the second public hearing since the drafting and publication of draft maps, is now being held on January 14, 2019, after the drawing of draft maps. The first hearing after the drawing of draft maps was held on December 10, 2018. The purpose of both of these hearings is to invite and solicit public comments on the draft division maps, which have been published by the District on its website, and the potential sequence of elections for the directors from each division at different times to provide for staggered terms of office.

RECOMMENDED HEARING PROCEDURE:

President: Declare the Board meeting of January 14, 2019, to be the time and place for a fourth hearing on evaluating a change in the elections process for the Irvine Ranch Water District Board of Directors and establishing division boundaries, and ask the Board Secretary to announce how the hearing was noticed.

Public Hearing: Evaluating a Change in the Elections Process for the Irvine Ranch Water District Board of Directors and Establishing Division Boundaries

January 14, 2019

Page 2

- Board Secretary: Announce that the hearing was noticed by publication in the *Orange County Register* on Sunday, December 30, 2018; by publication in Spanish in the *Excelsior Unidos* on Friday, December 28, 2018; by publication in Korean in the *Korea Times* on Saturday, December 29, 2018; by publication in English and Traditional Chinese in the *World Journal* on Saturday, December 29, 2018, and Sunday, December 30, 2018; by publication in Farsi in *Hafteh Bazaar* on Friday, January 4, 2019; by electronic posting in English, Farsi, Korean, Traditional Chinese, and Spanish on the IRWD website, through which the notice can be translated into approximately 20 languages; and by physical posting at IRWD's headquarters. Announce that the four draft maps — Map A, Map B, Map C and Map D — were published on IRWD's website on November 29, 2018. The Board Secretary presents affidavits of posting and proof of publication to the Board related to the hearing.
- Board of Directors: The Board of Directors receives and files the affidavits of posting and proof of publication as presented by the Board Secretary.
- President: Request legal counsel to describe the nature of the proceedings, and to explain the purpose of the hearing.
- Legal Counsel: Describe the nature of the proceedings, and explain the purpose of the hearing as being the opportunity to invite and solicit public comment on the draft division maps, which have been published by the District on its website at least seven days prior to the hearing, and the potential sequence of elections for the directors from each division at different times to provide for staggered terms of office.
- Board of Directors: Open the hearing by taking the following recommended action:
- RECOMMENDED MOTION: THAT THE PUBLIC HEARING BE OPENED TO SOLICIT AND ACCEPT COMMENT ON THE PROPOSED MOVE TO BY-DIVISION ELECTIONS, THE COMPOSITION OF DIVISIONS, THE DRAFT DIVISION MAPS, AND SEQUENCE OF ELECTIONS.**
- President: Request that the Government Relations Officer provide a report to the Board regarding the draft division maps, and on any written comments received.
- Government Relations Officer: Provide a report to the Board regarding the draft division maps, and on any written comments received.

President: Inquire whether there is any person present who wishes to provide comments on the proposed move to by-division elections, the composition of divisions, the draft maps, and the sequence of elections.

Inquire whether there are any comments or questions from members of the Board of Directors. After comments or questions, state that the hearing will be closed.

Board of Directors: Close the hearing by taking one of the following recommended actions:

RECOMMENDED MOTION: THAT THIS FOURTH PUBLIC HEARING BE CLOSED AND THAT THE BOARD AUTHORIZE STAFF TO AGENDIZE A FIFTH PUBLIC HEARING FOR MARCH 11, 2019, FOR THE BOARD OF DIRECTORS TO CONSIDER FINAL ACTION ON A TRANSITION TO BY-DIVISION ELECTIONS, AND TO CONSIDER ADOPTION OF A FINAL MAP OF DIVISION BOUNDARIES BASED ON MAP ___ (A, B, C OR D), AND A SEQUENCE OF ELECTIONS WITH THE ELECTION FOR DISTRICT NUMBERS ___ AND ___ (1, 2, 3, 4, OR 5) TO BE HELD IN 2020 AND THE ELECTION FOR DISTRICT NUMBERS ___, ___ AND ___ (1, 2, 3, 4, OR 5) TO BE HELD IN 2020.

OR

RECOMMENDED MOTION: THAT THIS FOURTH PUBLIC HEARING BE CLOSED, AND THAT THE BOARD AUTHORIZE STAFF TO REVISE THE DRAFT MAP(S) OR DEVELOP ADDITIONAL MAP(S), AND AGENDIZE A FIFTH PUBLIC HEARING FOR MARCH 11, 2019, FOR THE BOARD OF DIRECTORS TO SOLICIT AND ACCEPT COMMENT ON THE PROPOSED MOVE TO BY-DIVISION ELECTIONS, THE COMPOSITION OF DIVISIONS, DRAFT DIVISION MAPS, AND SEQUENCE OF ELECTIONS.

BACKGROUND:

In 2002, Governor Gray Davis signed the California Voting Rights Act (CVRA) into law. The CVRA states that an at-large method of election may not be used to elect local governing boards if it “impairs the ability of a protected class to elect candidates of its choice or its ability to influence the outcome of an election.” (Elections Code §14027)

A violation of the CVRA may be established if it is shown that racially polarized voting, combined with an at-large voting system, impairs the ability of a protected class of voters to elect candidates of its choice or to influence the outcome of an election. (Elections Code §14028(a)) Under the CVRA, “racially polarized voting” means voting in which there is a difference between the choice of candidates or other electoral choices that are preferred by voters in a

protected class, and in the choice of candidates and electoral choices that are preferred by voters in the rest of the electorate. (Elections Code §14026(e))

As of the writing of this report, IRWD has not been presented with any evidence of racially polarized voting in its elections, but many local governments have had their at-large method of election challenged under the CVRA. Additionally, many local governments have voluntarily moved to a by-division method of election because it is the only election method not vulnerable to a challenge under the CVRA.

Statutorily Mandated Process for Evaluating a By-Division Method of Election:

While the current at-large method of election used by IRWD pursuant to Water Code section 35180 has served the District's customers and constituents well, Elections Code section 10650 allows the board of a special district, like IRWD, to move from an at-large method of election to a by-division method of election in furtherance of the purposes of the CVRA.

Elections Code section 10010 provides the process for evaluating divisions and a transition to by-division elections. That process requires, at a minimum, that a special district:

- Adopt a resolution of intent to change the election system;
- Hold at least four public hearings to discuss division maps and the sequence of the division elections;
 - The first and second hearing must be held within 30 days of each other and the public is invited to provide input regarding the composition of the divisions and sequence of elections;
 - After draft division maps are drawn, one or more proposed maps are published at least seven days before the third hearing. Any further revisions to the proposed map(s) would be published at least seven days before being adopted; and
 - The third and fourth public hearings are held within 45 days of each other; and
- Hold at least one more public hearing at which it considers final action to transition to by-division elections and considers adoption of a final map of division boundaries.

Legally Required Factors Considered When Evaluating Division Boundaries:

While a number of federal and state laws govern the drawing of division boundaries, the U.S. Constitution establishes the fundamental principle which governs the drawing of division boundaries. Above all else, the Constitution requires that divisions be equal, or nearly equal, in total population. Federal courts have ruled that this means that the population difference between the most and least populous divisions may not exceed ten percent. California Elections Code section 22000 further suggests that divisions should be drawn to be, "as far as practicable, equal in population" using the population numbers from the last federal decennial census.

Provided that the equality in population, based on the last decennial census, requirement is met, the Elections Code also allows for consideration of: (1) topography, (2) geography, (3) cohesiveness, contiguity, integrity, and compactness of territory, and (4) communities of interests of the division” when determining where division boundaries are placed.

IRWD Process to Evaluate Establishment of Divisions and Elections by Divisions:

On April 2, 2018, the IRWD Board of Director adopted a resolution of “Intent to Initiate the Process of Establishing Divisions and Elections by Divisions.” In its adoption of the resolution, the Board determined that the public interest was best served by initiating the process to evaluate divisions and a transition to by-division elections. The Board authorized the General Manager, or his designee, to initiate a public evaluation process that complies with Elections Code section 10010, and encourages and allows for full public participation, careful consideration and input into an evaluation of divisions and a transition to by-division elections within IRWD.

The first step in the District’s evaluation process was the release of data related to the population characteristics of IRWD’s service area. That data was presented to the Board during a Board Workshop on May 14, 2018. Attached as Exhibit “A” is a copy of the summary of “Existing Conditions for Irvine Ranch Water District” provided to the Board.

The second step in the District’s evaluation process was to hold two public hearings, which were held on June 4 and June 18. These hearings were conducted before the drawing of a draft map or maps of proposed division boundaries. The purpose of the hearings was to invite and solicit public comment on the proposed move to by-division elections, the composition of divisions and the sequence of elections prior to the drawing of draft maps.

The third step in the District’s evaluation process was for the Board to discuss criteria to be used by the District when drawing proposed director division boundaries. The criteria was discussed at a Board Workshop held on August 13, 2018. The criteria discussed at the August 13 workshop is included in the presentation materials attached as Exhibit “B” and presented to the Board at its December 10, 2018, meeting.

Following the workshop, prior to the drawing of potential division area maps, the District invited the public to submit additional comments on the composition of possible divisions and to submit conceptual maps for consideration as the potential division area maps were drawn. That public comment period ran from August 15 to October 15, 2018. During the comment period, the District received two comments and maps from the public. Those comments and maps were provided to the Board at its last Board meeting and are posted on IRWD’s website.

Now, IRWD has held or is holding a third and fourth public hearing to invite and solicit public comment on the draft division maps, which have been published by the District on its website, and the potential sequence of elections for the directors from each division at different times to provide for staggered terms of office. The four draft maps are attached as Exhibit “C”. The presentation made at the third public hearing, which was held on December 10, 2018, is attached as Exhibit “B”.

Public Hearing: Evaluating a Change in the Elections Process for the Irvine Ranch Water District Board of Directors and Establishing Division Boundaries

January 14, 2019

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It is important to note that the draft maps are a starting point for the Board's discussion on possible division boundaries, and additional maps or refinements may be made should the Board want to see other options at the next public hearing.

FISCAL IMPACTS:

Due to the adoption of a resolution of "Intent to Initiate the Process of Establishing Divisions and Elections by Divisions" and by undertaking the Elections Code section 10010 process to evaluate by-divisions elections, the District is incurring costs of a demographer and special legal counsel in addition to potentially other costs.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was not reviewed by a Committee.

LIST OF EXHIBITS:

Exhibit "A" – Existing Conditions for Irvine Ranch Water District

Exhibit "B" – Presentation Materials from the December 10, 2018, Public Hearing

Exhibit "C" – Draft Division Maps A, B, C and D

EXHIBIT "A"

Irvine Ranch Water District: 2018 Districting

Existing Conditions for Irvine Ranch Water District

Table 1. Population by Race/Ethnicity for IRWD

	Number	Percent
2010 Total Population	337,151	100.0%
Hispanic or Latino of any Race	40,325	12.0%
Non-Hispanic White	171,195	50.8%
Non-Hispanic Asian	104,775	31.1%
Non-Hispanic Black or African-American	5,173	1.5%
All Other Non-Hispanic Races/Ethnicities	15,681	4.7%
2010 Population 18 Years and Older	261,651	100.0%
Hispanic or Latino of any Race	28,531	10.9%
Non-Hispanic White	138,759	53.0%
Non-Hispanic Asian	81,062	31.0%
Non-Hispanic Black or African-American	4,029	1.5%
All Other Non-Hispanic Races/Ethnicities	9,266	3.5%
2016 Citizen Voting Age Population (CVAP)	244,343	100.0%
Hispanic or Latino of any Race	27,413	11.2%
Non-Hispanic White	135,507	55.5%
Non-Hispanic Asian	68,731	28.1%
Non-Hispanic Black or African-American	4,810	2.0%
All Other Non-Hispanic Races/Ethnicities	7,879	3.2%

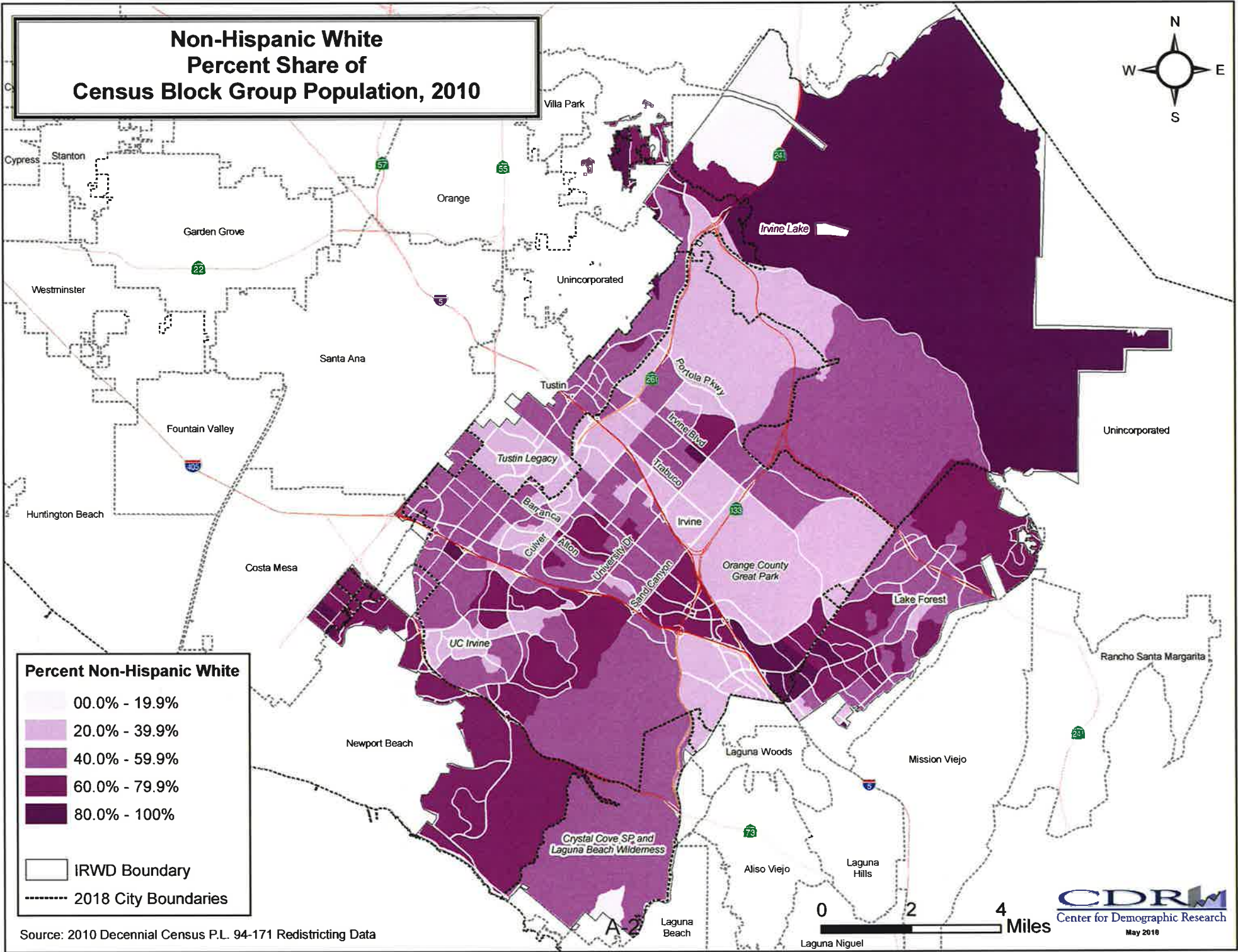
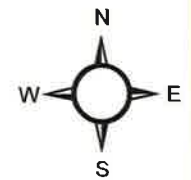
Sources: 2010 Decennial Census P.L. 94-171 Redistricting Data;
U.S. Census Bureau American Community Survey 5-year estimates, 2012-2016

The target director division population is calculated by dividing the total population by the number of board members.

Table 2. Target Population for Division Scenarios

Division ID	Division Type	Total 2010 Population	Target Population for Each Division	Division Majority (50% + 1)	Majority of CVAP (50% +1)
5	5-Division Plan	337,151	67,430	33,716	24,435

Non-Hispanic White Percent Share of Census Block Group Population, 2010

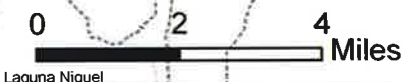


Percent Non-Hispanic White

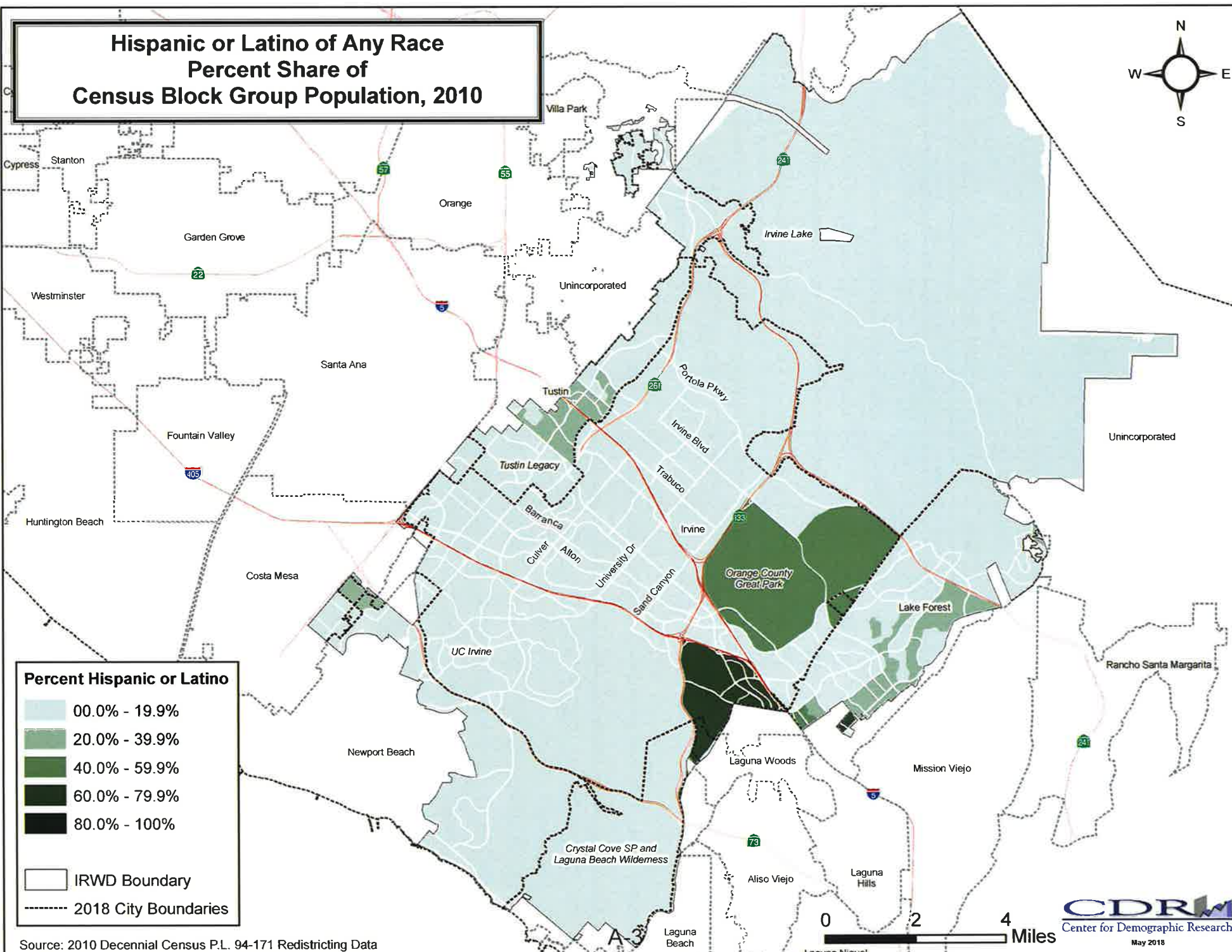
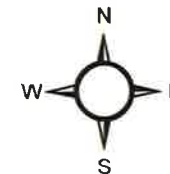
- 00.0% - 19.9%
- 20.0% - 39.9%
- 40.0% - 59.9%
- 60.0% - 79.9%
- 80.0% - 100%

IRWD Boundary
 2018 City Boundaries

Source: 2010 Decennial Census P.L. 94-171 Redistricting Data



Hispanic or Latino of Any Race Percent Share of Census Block Group Population, 2010



Percent Hispanic or Latino

- 00.0% - 19.9%
- 20.0% - 39.9%
- 40.0% - 59.9%
- 60.0% - 79.9%
- 80.0% - 100%

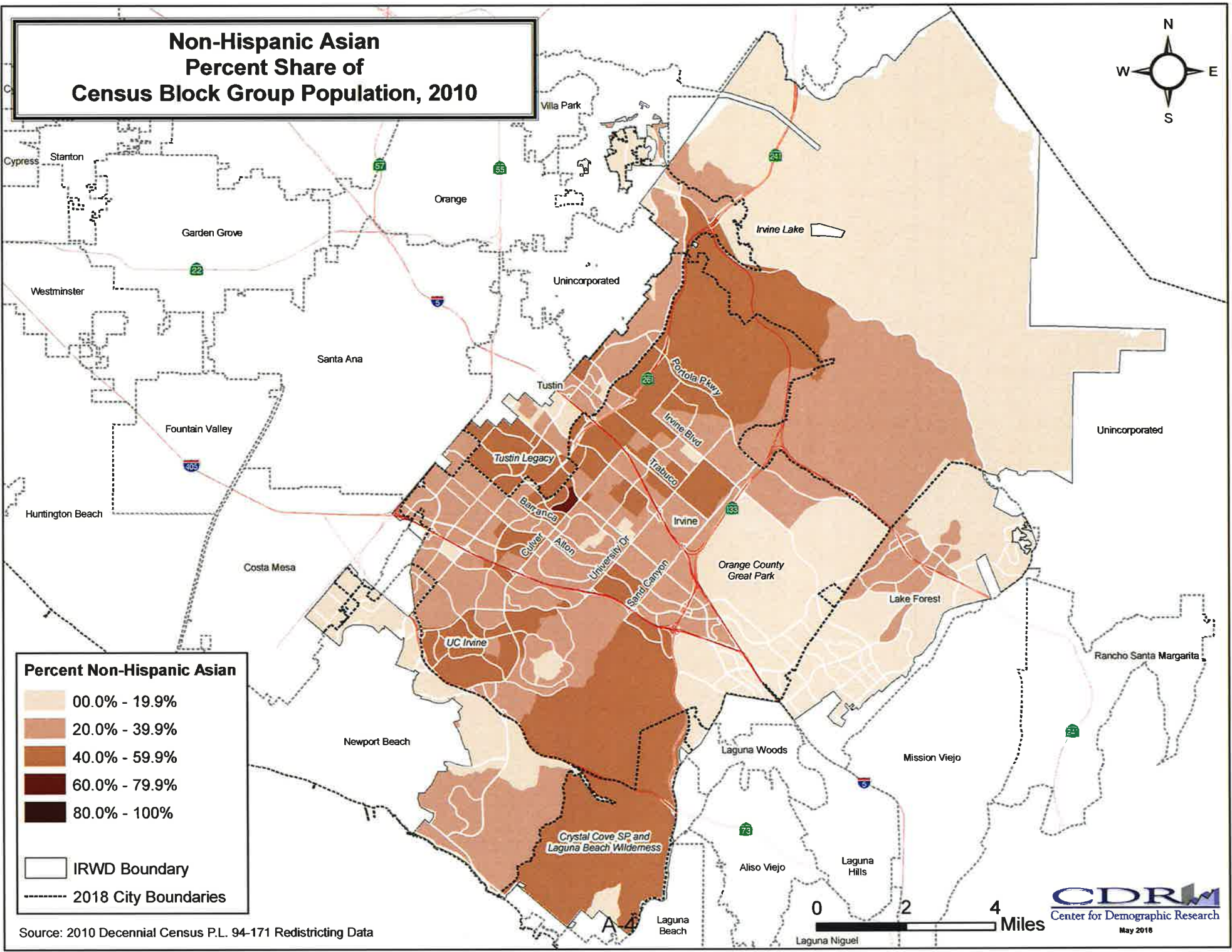
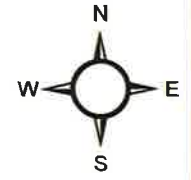
- IRWD Boundary
- 2018 City Boundaries

Source: 2010 Decennial Census P.L. 94-171 Redistricting Data



CDRM
Center for Demographic Research
May 2018

Non-Hispanic Asian Percent Share of Census Block Group Population, 2010



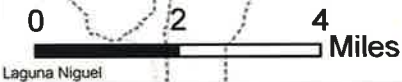
Percent Non-Hispanic Asian

- 00.0% - 19.9%
- 20.0% - 39.9%
- 40.0% - 59.9%
- 60.0% - 79.9%
- 80.0% - 100%

IRWD Boundary

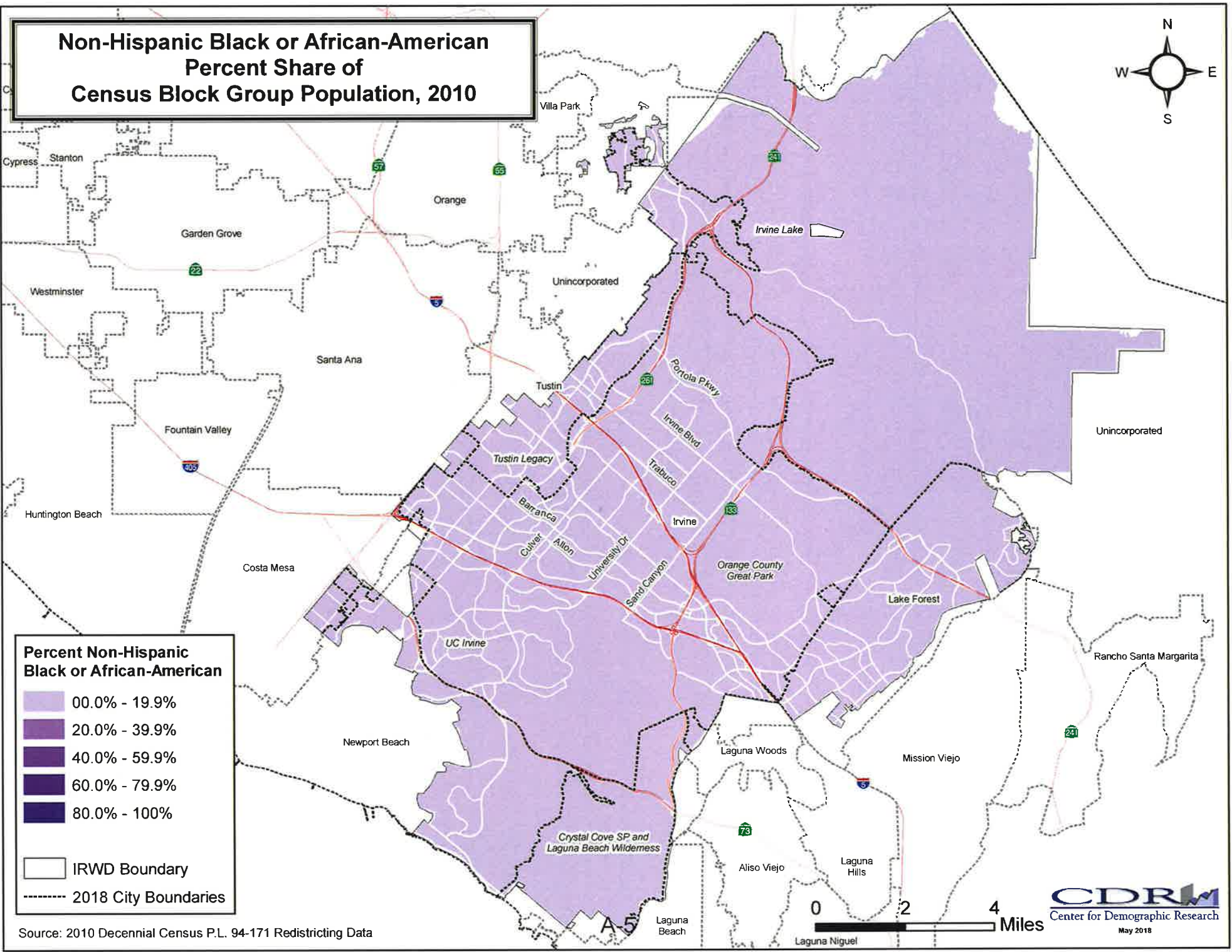
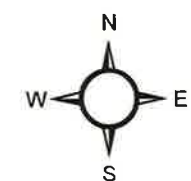
2018 City Boundaries

Source: 2010 Decennial Census P.L. 94-171 Redistricting Data



CDRM
Center for Demographic Research
May 2016

Non-Hispanic Black or African-American Percent Share of Census Block Group Population, 2010



Percent Non-Hispanic Black or African-American

- 00.0% - 19.9%
- 20.0% - 39.9%
- 40.0% - 59.9%
- 60.0% - 79.9%
- 80.0% - 100%

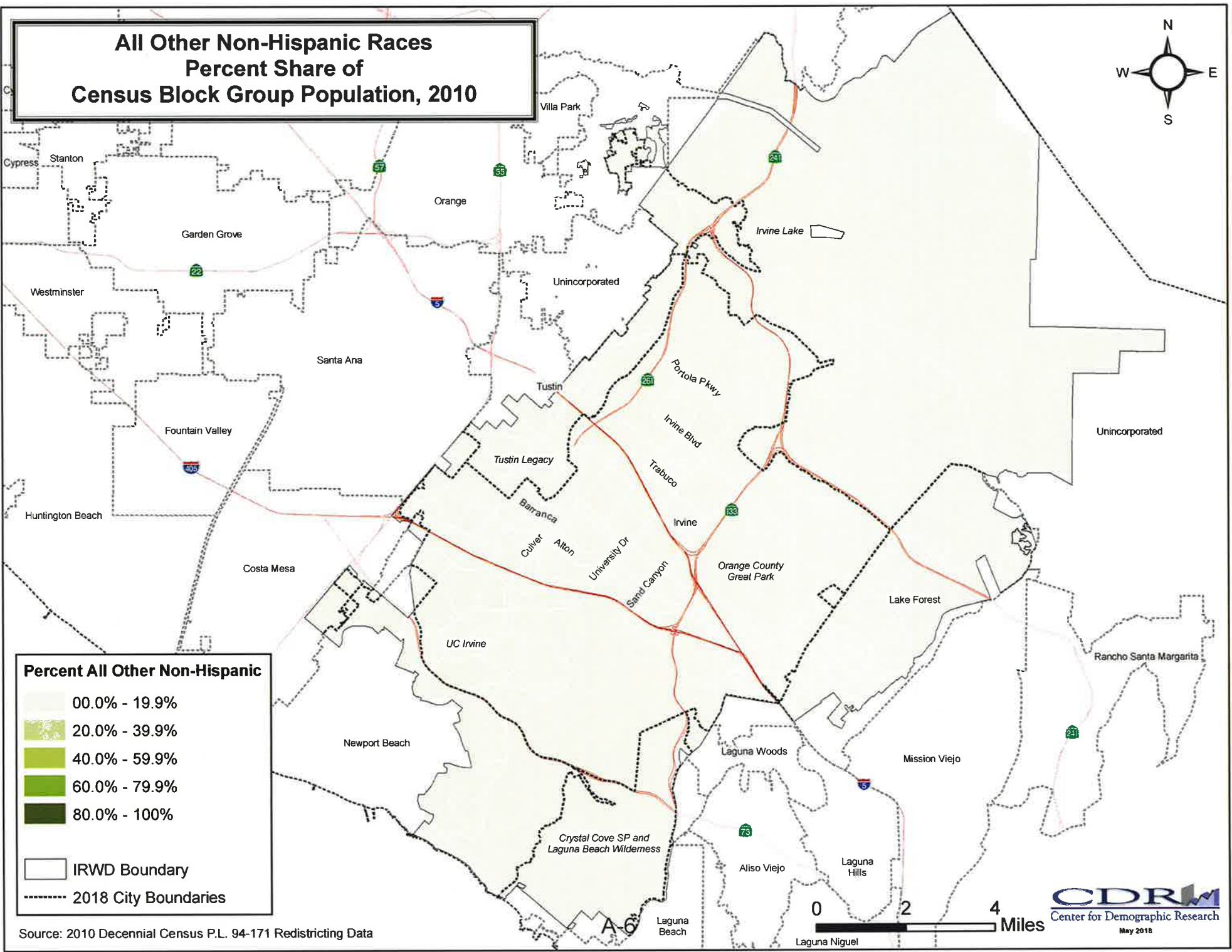
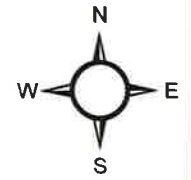
IRWD Boundary

2018 City Boundaries

Source: 2010 Decennial Census P.L. 94-171 Redistricting Data



All Other Non-Hispanic Races Percent Share of Census Block Group Population, 2010

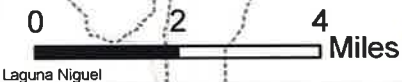


Percent All Other Non-Hispanic

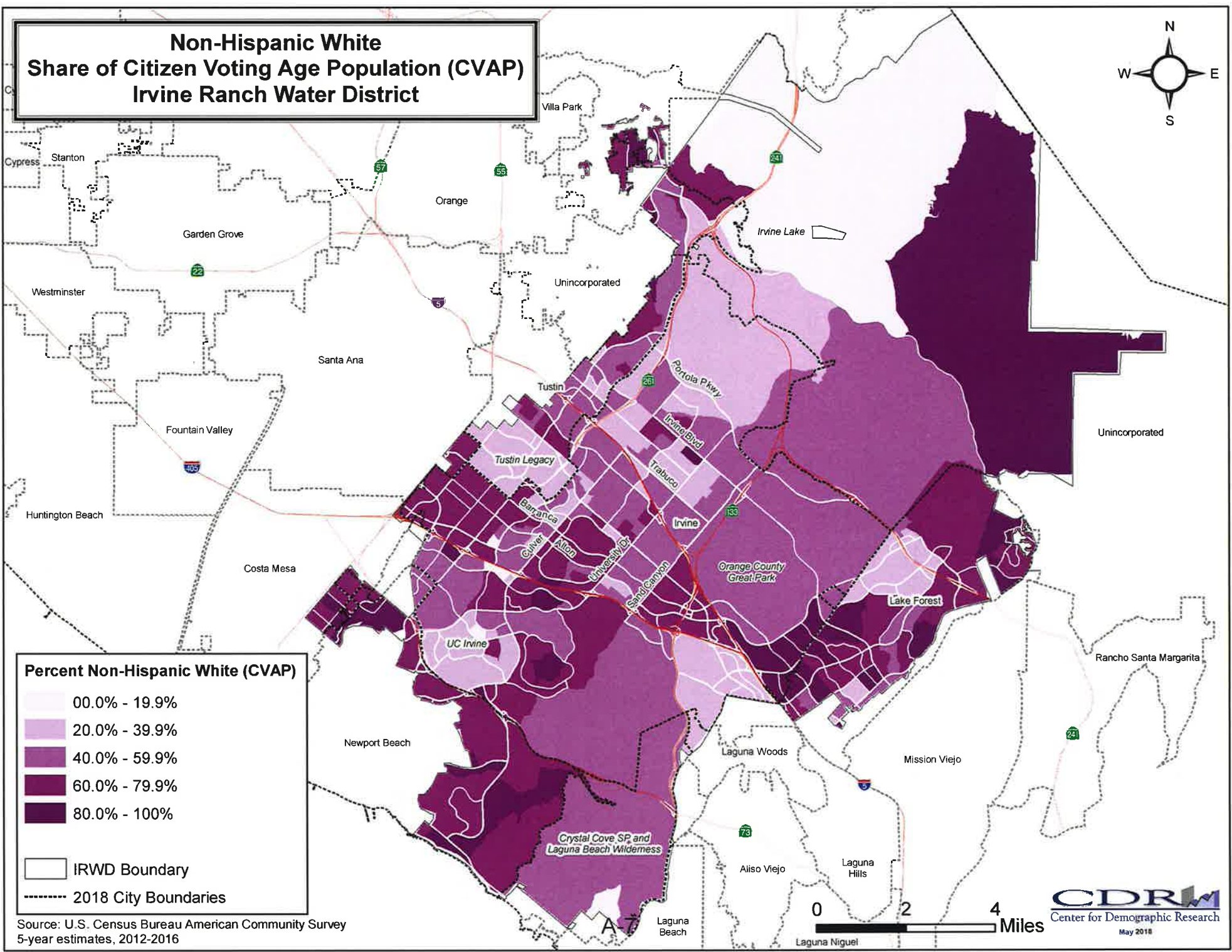
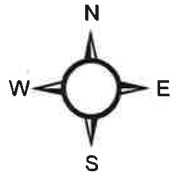
- 00.0% - 19.9%
- 20.0% - 39.9%
- 40.0% - 59.9%
- 60.0% - 79.9%
- 80.0% - 100%

IRWD Boundary
 2018 City Boundaries

Source: 2010 Decennial Census P.L. 94-171 Redistricting Data



Non-Hispanic White Share of Citizen Voting Age Population (CVAP) Irvine Ranch Water District

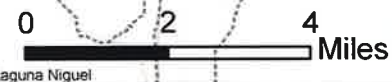


Percent Non-Hispanic White (CVAP)

- 00.0% - 19.9%
- 20.0% - 39.9%
- 40.0% - 59.9%
- 60.0% - 79.9%
- 80.0% - 100%

- IRWD Boundary
- 2018 City Boundaries

Source: U.S. Census Bureau American Community Survey
5-year estimates, 2012-2016





PUBLIC HEARING

BOARD OF DIRECTORS DISTRICTING
DRAFT MAPS

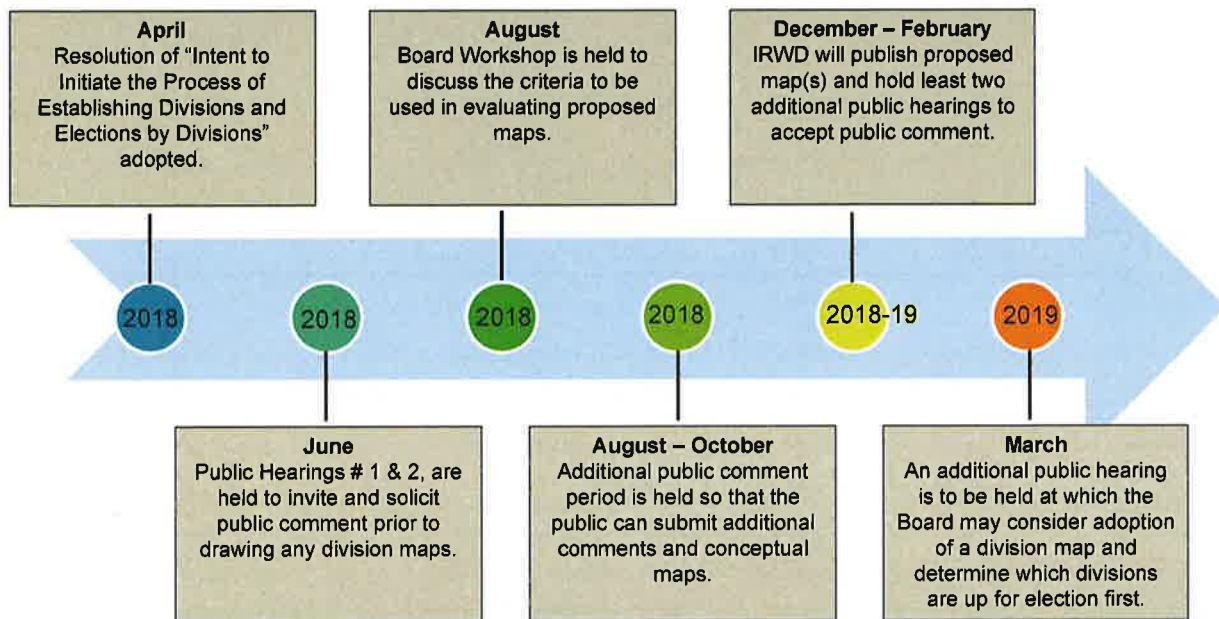
December 10, 2018



Presentation Agenda

- Review of Process and Timeline for Evaluation
- Proposed Sequencing of Elections
- Review the Criteria for Drawing Division Boundaries
- Review of Draft Maps
- Discussion

Process for Evaluating a Change of Election Method and Director Division Boundaries



Goal for Today

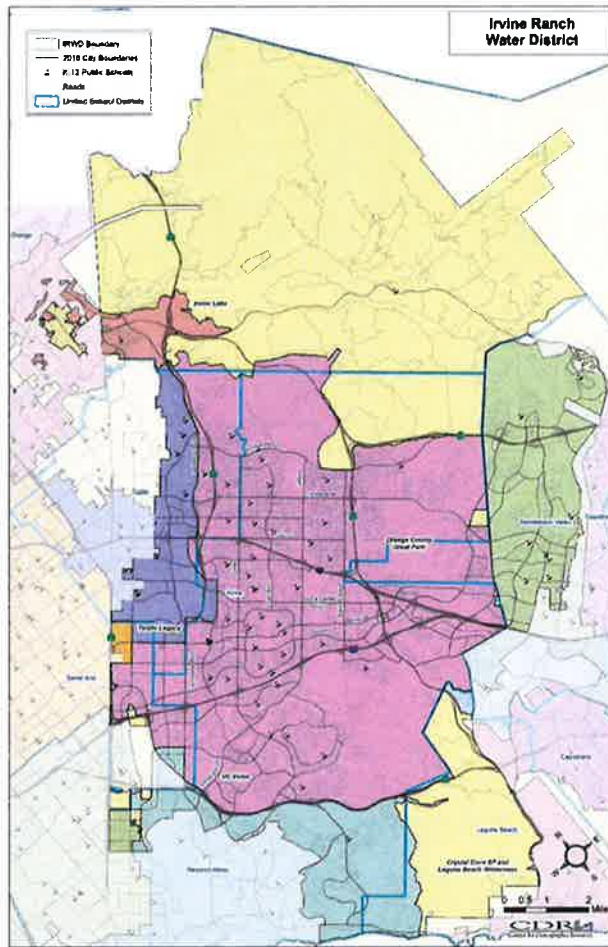
- Review and discuss proposed sequencing of elections.
- Review and discuss the draft maps.
 - Are any of the maps not viable?
 - Are there revisions you would like to see made to the draft maps?
 - Prioritization.

Proposed Sequencing of Elections

- If adopted, new divisions would take effect for the 2020 election.
- Propose to sequence elections with existing staggered terms of board members.
 - 2020: Two divisions up for election
 - 2022: Three divisions up for election

IRWD Criteria for Drawing Division Boundaries

- 1) Each director division shall contain a nearly equal number of inhabitants as reflected in the most recent decennial census.
- 2) Divisions shall be drawn in a manner that complies with the Federal Voting Rights Act.
- 3) Divisions shall consist of contiguous territory.
- 4) Divisions will be in as compact a form as possible given the other criteria set forth.
- 5) Division boundaries will respect communities of interest as much as possible.
- 6) Division boundaries will consider jurisdictional boundaries as much as possible.
- 7) Division boundaries will observe topography and geography such as man-made and natural geographic features insofar as practicable.
- 8) Division boundaries will attempt to allow the voters to retain current Directors if they choose by avoiding placing Directors in the same division insofar as this does not conflict with federal or state law requirements.
- 9) To the extent proposed divisions do not contain equal population as reflected in the most recent decennial census, population growth since the last decennial census and anticipated population growth before the next decennial census may be considered so long as population deviation remains within the parameters allowed by law.



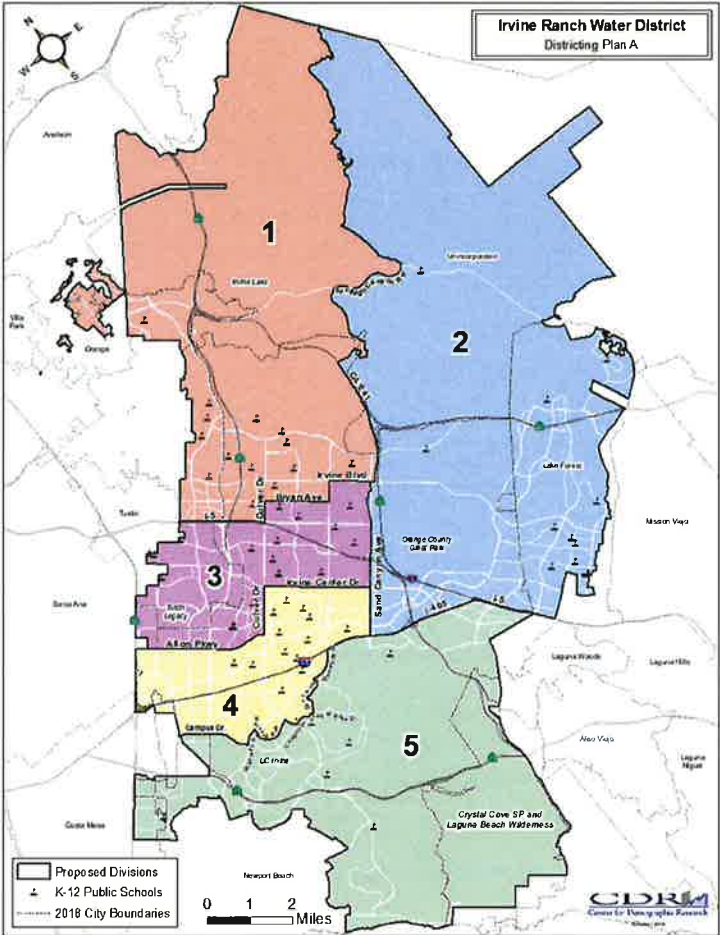
7

Summary of Plans

Map	Percent Spread	Contiguous Divisions?	Viable?
Plan A	3.19%	Yes	Yes
Plan B	8.60%	Yes	Yes
Plan C	6.89%	Yes	Yes
Plan D	4.90%	Yes	Yes

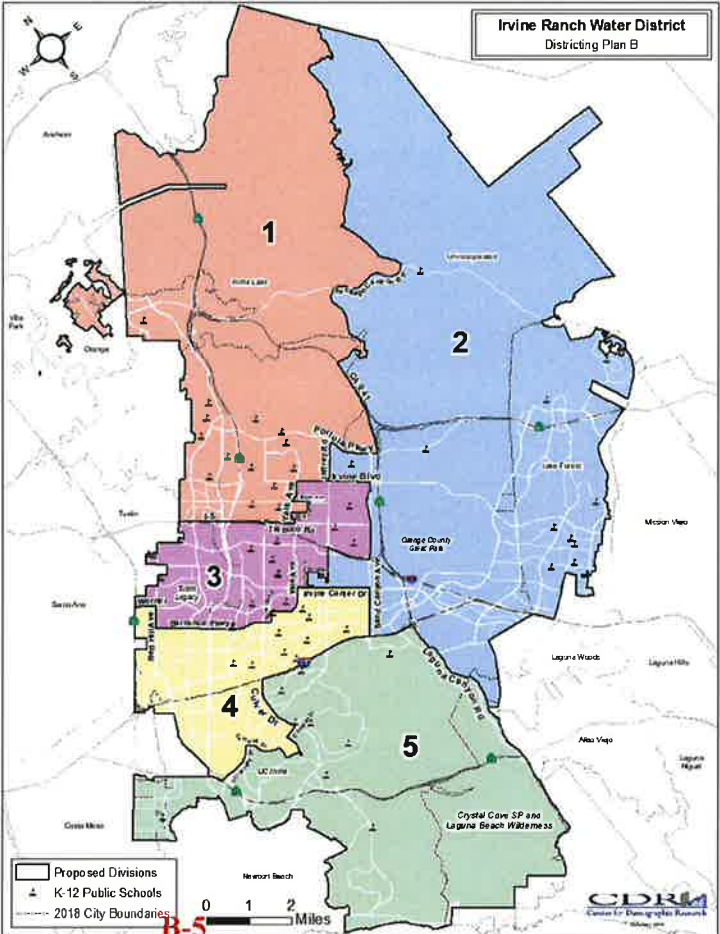
Plan A

Plan A
Percentage Spread:
3.19%



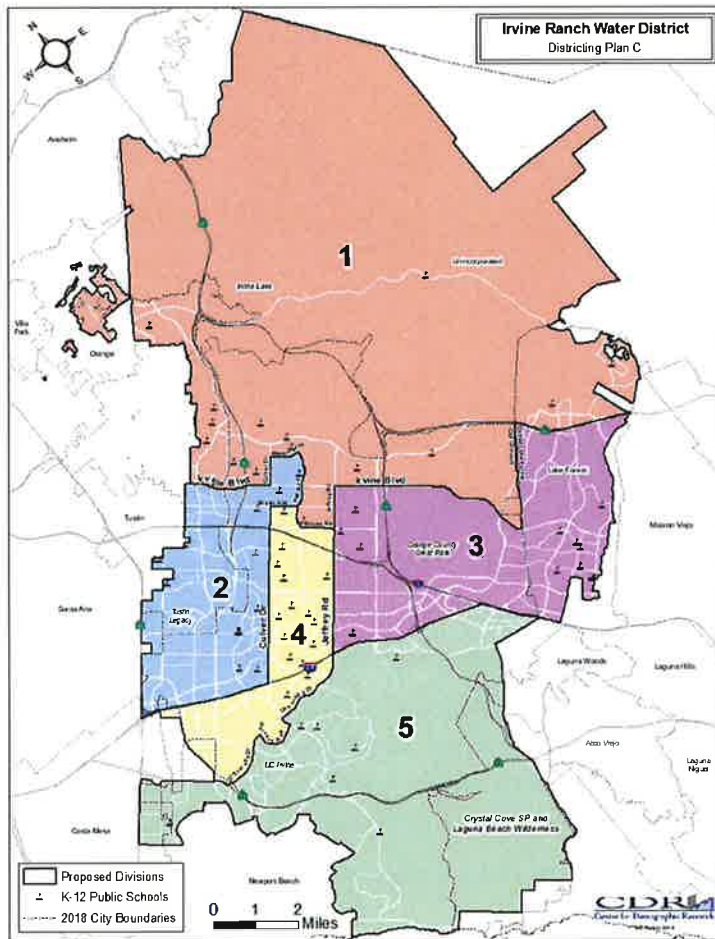
Plan B

Plan B
Percentage Spread:
8.60%



Plan C

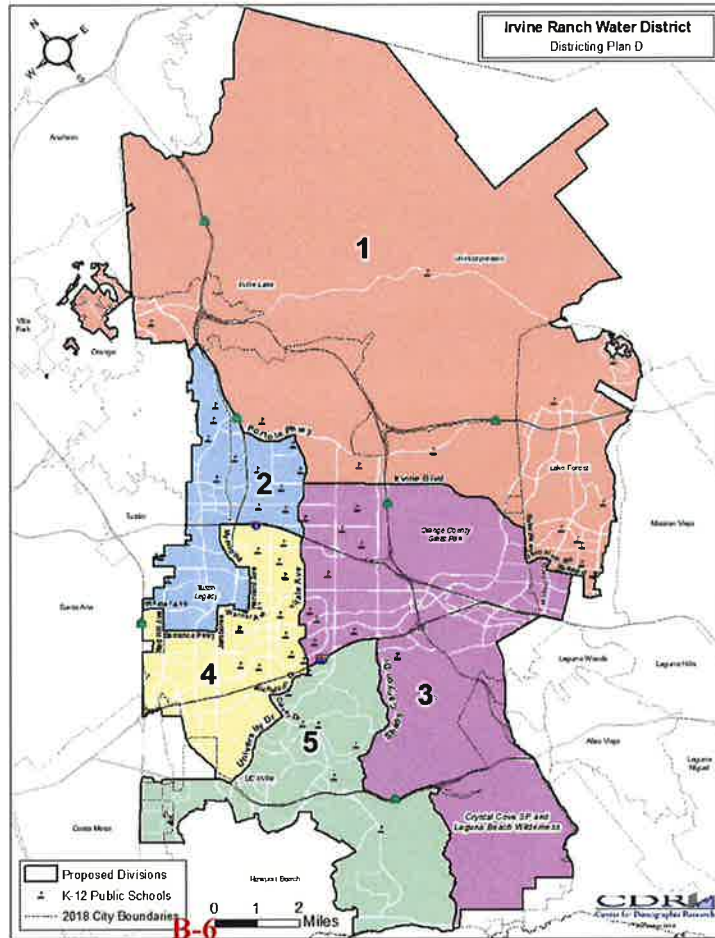
Plan C
Percentage Spread:
6.89%



Irvine Ranch Water District

Plan D

Plan D
Percentage Spread:
4.90%



Irvine Ranch Water District

Plan A

Plan A
Percentage Spread:
3.19%

Plan B

Plan B
Percentage Spread:
8.60%

Irvine Ranch Water District- Plan A

Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	67,229	66,316	67,365	68,468	67,773	337,151
Hispanic or Latino of any Race	7,092	13,223	7,809	6,058	6,143	40,325
Non-Hispanic White	31,151	39,670	27,294	34,423	38,859	171,197
Non-Hispanic Asian	25,013	9,693	27,673	23,253	19,143	104,775
Non-Hispanic Black or African-American	993	1,060	1,284	1,123	743	5,173
All Other Non-Hispanic Races/Ethnicities	2,980	2,670	3,305	3,611	3,115	15,681
Population 18 Years and Older	49,792	50,705	50,950	54,799	55,405	261,651
Hispanic or Latino of any Race	4,857	8,993	5,422	4,428	4,881	28,531
Non-Hispanic White	24,432	31,702	21,987	28,806	31,836	138,763
Non-Hispanic Asian	18,245	7,661	20,748	18,347	16,061	81,062
Non-Hispanic Black or African-American	751	855	933	888	603	4,029
All Other Non-Hispanic Races/Ethnicities	1,507	1,494	1,860	2,330	2,075	9,266
Citizen Voting Age Population (CVAP)	47,635	49,668	46,432	48,938	51,670	244,343
Hispanic or Latino of any Race	4,875	6,338	5,553	4,097	6,550	27,413
Non-Hispanic White	21,773	32,994	20,425	29,094	31,224	135,510
Non-Hispanic Asian	18,195	7,835	17,550	13,355	11,796	68,731
Non-Hispanic Black or African-American	1,093	1,081	1,274	950	462	4,810
All Other Non-Hispanic Races/Ethnicities	1,699	1,420	1,660	1,442	1,638	7,879
Target Division Population	67,430					
Division Difference from Target Population	-201	-1,114	-65	1,038	343	
Percent Difference from Target Population	-0.30%	-1.65%	-0.10%	1.54%	0.51%	
Percentage Spread						3.19%

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.5%	19.9%	11.6%	8.8%	9.1%
Non-Hispanic White	46.3%	59.8%	40.5%	50.3%	57.0%
Non-Hispanic Asian	37.2%	14.8%	41.1%	34.0%	28.2%
Non-Hispanic Black or African-American	1.5%	1.6%	1.9%	1.6%	1.1%
All Other Non-Hispanic Races/Ethnicities	4.4%	4.0%	4.9%	5.3%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	9.8%	17.7%	10.6%	8.1%	8.7%
Non-Hispanic White	49.1%	62.5%	43.2%	52.6%	57.5%
Non-Hispanic Asian	36.6%	15.1%	40.7%	33.5%	29.0%
Non-Hispanic Black or African-American	1.5%	1.7%	1.6%	1.6%	1.1%
All Other Non-Hispanic Races/Ethnicities	3.0%	2.9%	3.7%	4.3%	3.7%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.2%	12.8%	12.0%	8.4%	12.7%
Non-Hispanic White	45.7%	66.4%	44.0%	59.5%	60.4%
Non-Hispanic Asian	38.2%	15.8%	37.8%	27.3%	22.8%
Non-Hispanic Black or African-American	2.3%	2.2%	2.6%	1.9%	0.9%
All Other Non-Hispanic Races/Ethnicities	3.6%	2.9%	3.6%	2.9%	3.2%

Irvine Ranch Water District- Plan B

Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	67,094	68,886	65,550	64,912	70,709	337,151
Hispanic or Latino of any Race	7,047	13,468	7,409	6,362	6,039	40,325
Non-Hispanic White	30,783	41,003	27,634	30,375	41,402	171,197
Non-Hispanic Asian	25,335	10,516	26,224	23,382	19,218	104,775
Non-Hispanic Black or African-American	962	1,114	1,143	1,245	709	5,173
All Other Non-Hispanic Races/Ethnicities	2,967	2,785	3,140	3,548	3,241	15,681
Population 18 Years and Older	49,410	52,802	49,516	52,774	57,149	261,651
Hispanic or Latino of any Race	4,792	9,192	5,143	4,685	4,719	28,531
Non-Hispanic White	23,934	32,846	22,260	25,748	33,975	138,763
Non-Hispanic Asian	18,483	8,294	19,577	18,924	15,784	81,062
Non-Hispanic Black or African-American	725	900	815	992	597	4,029
All Other Non-Hispanic Races/Ethnicities	1,476	1,570	1,721	2,025	2,074	9,266
Citizen Voting Age Population (CVAP)	44,561	52,099	47,595	46,874	53,214	244,343
Hispanic or Latino of any Race	4,486	6,512	5,471	4,888	6,046	27,413
Non-Hispanic White	20,375	34,244	21,111	26,098	33,682	135,510
Non-Hispanic Asian	17,041	8,683	18,035	13,387	11,587	68,731
Non-Hispanic Black or African-American	1,085	1,128	1,197	1,008	392	4,810
All Other Non-Hispanic Races/Ethnicities	1,574	1,534	1,781	1,483	1,507	7,879
Target Division Population	67,430					
Division Difference from Target Population	-336	1,456	-1,880	-2,518	3,279	
Percent Difference from Target Population	-0.50%	2.16%	-2.79%	-3.73%	4.86%	
Percentage Spread						8.60%

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.5%	19.6%	11.3%	9.8%	8.5%
Non-Hispanic White	45.9%	59.5%	42.2%	46.8%	58.6%
Non-Hispanic Asian	37.8%	15.3%	40.0%	36.0%	27.3%
Non-Hispanic Black or African-American	1.4%	1.6%	1.7%	1.9%	1.0%
All Other Non-Hispanic Races/Ethnicities	4.4%	4.0%	4.8%	5.5%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	9.7%	17.4%	10.4%	8.9%	8.3%
Non-Hispanic White	48.4%	62.2%	45.0%	48.8%	59.4%
Non-Hispanic Asian	37.4%	15.7%	39.5%	35.9%	27.6%
Non-Hispanic Black or African-American	1.5%	1.7%	1.6%	1.9%	1.0%
All Other Non-Hispanic Races/Ethnicities	3.0%	3.0%	3.5%	4.6%	3.6%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.1%	12.5%	11.5%	10.4%	11.4%
Non-Hispanic White	45.7%	65.7%	44.4%	55.7%	63.3%
Non-Hispanic Asian	38.2%	16.7%	37.9%	28.6%	21.8%
Non-Hispanic Black or African-American	2.4%	2.2%	2.5%	2.2%	0.7%
All Other Non-Hispanic Races/Ethnicities	3.5%	2.9%	3.7%	3.2%	2.8%

Plan C

Plan C
Percentage Spread:
6.89%

Irvine Ranch Water District

Plan D

Plan D
Percentage Spread:
4.90%

Irvine Ranch Water District

Irvine Ranch Water District-Plan C

Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	67,287	68,734	64,489	67,504	69,137	337,151
Hispanic or Latino of any Race	7,207	8,386	11,970	6,583	6,317	40,325
Non-Hispanic White	34,971	27,775	34,295	34,978	39,178	171,197
Non-Hispanic Asian	21,208	27,914	14,457	21,318	19,838	104,775
Non-Hispanic Black or African-American	882	1,285	1,065	1,217	724	5,173
All Other Non-Hispanic Races/Ethnicities	3,019	3,394	2,662	3,426	3,180	15,681
Population 18 Years and Older	49,198	52,320	49,821	53,898	56,414	261,651
Hispanic or Latino of any Race	4,994	5,738	8,157	4,789	4,883	28,531
Non-Hispanic White	26,753	22,422	28,090	29,237	32,261	138,763
Non-Hispanic Asian	15,398	21,233	11,188	16,792	16,551	81,062
Non-Hispanic Black or African-American	681	988	846	904	610	4,029
All Other Non-Hispanic Races/Ethnicities	1,272	1,939	1,540	2,206	2,109	9,266
Citizen Voting Age Population (CVAP)	49,766	45,063	47,919	49,264	52,331	244,343
Hispanic or Latino of any Race	4,740	5,511	5,614	4,908	6,640	27,413
Non-Hispanic White	25,854	19,822	29,236	29,019	31,579	135,510
Non-Hispanic Asian	16,698	16,710	10,470	12,856	11,997	68,731
Non-Hispanic Black or African-American	889	1,160	1,328	971	462	4,810
All Other Non-Hispanic Races/Ethnicities	1,585	1,860	1,271	1,510	1,653	7,879
Target Division Population	67,430					
Division Difference from Target Population	-143	1,304	-2,941	74	1,707	
Percent Difference from Target Population	-0.21%	1.93%	-4.36%	0.11%	2.53%	
Percentage Spread		6.89%				

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.7%	12.2%	18.6%	9.7%	9.0%
Non-Hispanic White	52.0%	40.4%	53.2%	51.8%	56.7%
Non-Hispanic Asian	31.5%	40.6%	22.5%	31.6%	28.7%
Non-Hispanic Black or African-American	1.3%	1.9%	1.7%	1.8%	1.0%
All Other Non-Hispanic Races/Ethnicities	4.5%	4.9%	4.1%	5.1%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.2%	11.0%	16.4%	8.8%	8.7%
Non-Hispanic White	54.4%	42.9%	56.4%	54.2%	57.2%
Non-Hispanic Asian	31.1%	40.6%	22.5%	31.2%	29.3%
Non-Hispanic Black or African-American	1.4%	1.9%	1.7%	1.7%	1.1%
All Other Non-Hispanic Races/Ethnicities	3.0%	3.7%	3.1%	4.1%	3.7%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	9.5%	12.3%	11.7%	10.0%	12.7%
Non-Hispanic White	52.0%	44.0%	61.0%	58.9%	60.3%
Non-Hispanic Asian	33.6%	37.1%	21.8%	26.1%	22.9%
Non-Hispanic Black or African-American	1.8%	2.6%	2.8%	2.0%	0.9%
All Other Non-Hispanic Races/Ethnicities	3.2%	4.1%	2.7%	3.1%	3.2%

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Irvine Ranch Water District-Plan D

Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	68,657	67,602	65,350	67,537	68,005	337,151
Hispanic or Latino of any Race	12,543	7,851	7,213	6,407	6,109	40,325
Non-Hispanic White	41,197	28,932	30,824	30,538	35,706	171,197
Non-Hispanic Asian	11,168	26,688	23,012	25,545	18,362	104,775
Non-Hispanic Black or African-American	1,026	1,045	1,082	1,310	710	5,173
All Other Non-Hispanic Races/Ethnicities	2,723	3,084	3,219	3,537	3,118	15,681
Population 18 Years and Older	51,839	49,715	50,426	53,280	56,391	261,651
Hispanic or Latino of any Race	8,542	5,293	5,073	4,749	4,874	28,531
Non-Hispanic White	32,446	22,525	25,379	25,322	33,081	138,763
Non-Hispanic Asian	8,565	19,542	17,249	19,921	15,735	81,062
Non-Hispanic Black or African-American	811	774	834	1,009	601	4,029
All Other Non-Hispanic Races/Ethnicities	1,475	1,581	1,891	2,219	2,100	9,266
Citizen Voting Age Population (CVAP)	50,644	44,570	50,582	45,490	53,057	244,343
Hispanic or Latino of any Race	6,593	4,568	4,833	4,656	6,764	27,413
Non-Hispanic White	32,329	19,404	26,910	24,286	32,571	135,510
Non-Hispanic Asian	9,180	17,843	16,566	13,602	11,540	68,731
Non-Hispanic Black or African-American	967	1,124	1,084	1,173	462	4,810
All Other Non-Hispanic Races/Ethnicities	1,575	1,631	1,190	1,763	1,720	7,879
Target Division Population	67,430					
Division Difference from Target Population	1,227	172	-2,080	107	575	
Percent Difference from Target Population	1.82%	0.25%	-3.08%	0.16%	0.85%	
Percentage Spread		4.90%				

Table 2. Share of Division Populations

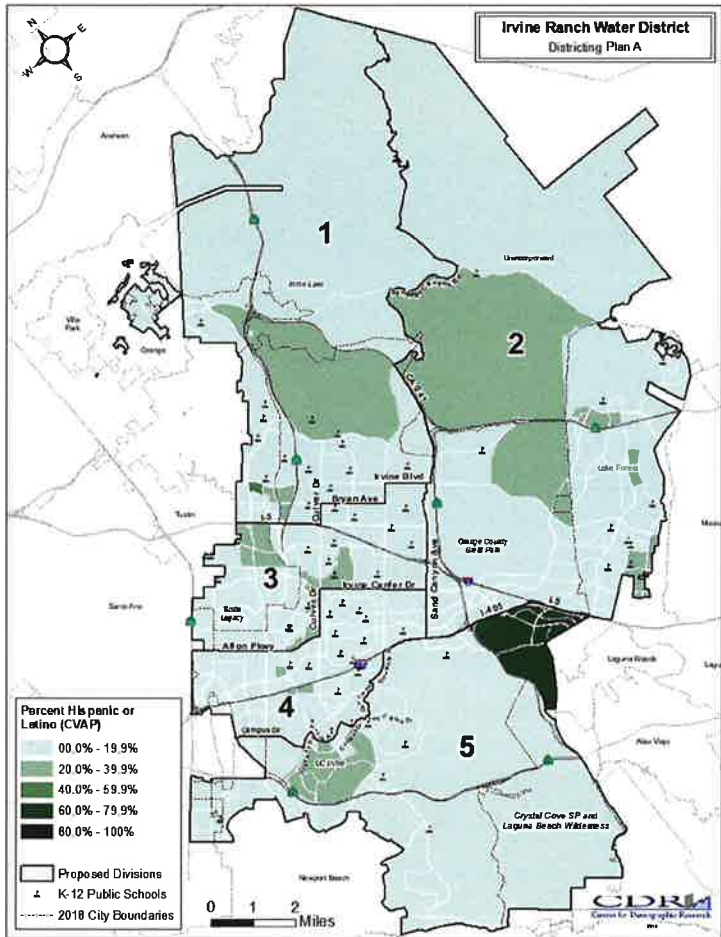
	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	18.3%	11.6%	11.0%	9.5%	9.0%
Non-Hispanic White	60.0%	42.8%	47.2%	45.2%	58.4%
Non-Hispanic Asian	16.3%	39.5%	35.2%	37.8%	27.0%
Non-Hispanic Black or African-American	1.5%	1.5%	1.7%	1.9%	1.0%
All Other Non-Hispanic Races/Ethnicities	4.0%	4.6%	4.9%	5.2%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	16.5%	10.6%	10.1%	8.9%	8.6%
Non-Hispanic White	62.6%	45.3%	50.3%	47.5%	58.7%
Non-Hispanic Asian	16.5%	39.3%	34.2%	37.5%	27.9%
Non-Hispanic Black or African-American	1.6%	1.6%	1.7%	1.9%	1.1%
All Other Non-Hispanic Races/Ethnicities	2.8%	3.2%	3.8%	4.2%	3.7%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	13.0%	10.2%	9.6%	10.2%	12.7%
Non-Hispanic White	63.8%	43.5%	53.2%	53.4%	61.4%
Non-Hispanic Asian	18.1%	40.0%	32.8%	29.9%	21.8%
Non-Hispanic Black or African-American	1.9%	2.5%	2.1%	2.6%	0.9%
All Other Non-Hispanic Races/Ethnicities	3.1%	3.7%	2.4%	3.9%	3.2%

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Plan A

Plan A
 Percentage Spread:
 3.19%

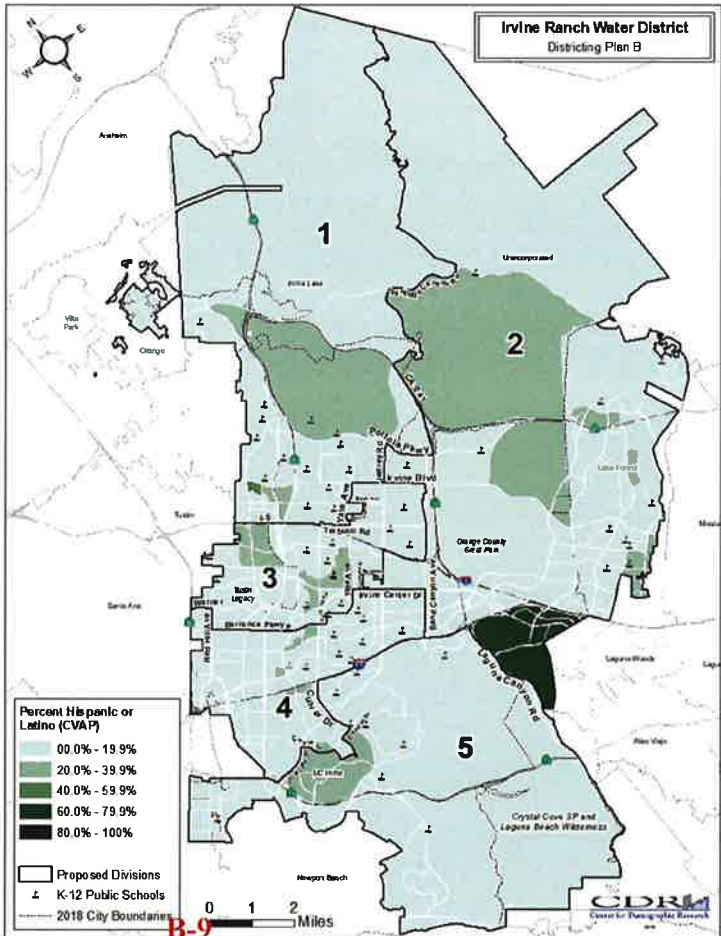
Largest Hispanic share of CVAP:
 12.8%- Division 2
 12.7%- Division 5



Plan B

Plan B
 Percentage Spread:
 8.60%

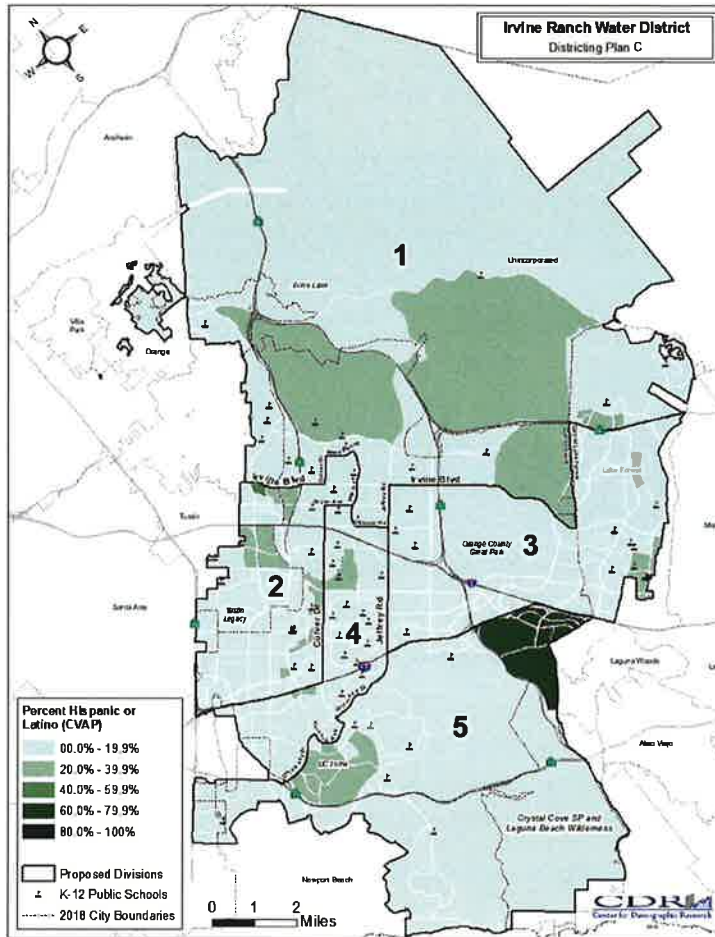
Largest Hispanic share of CVAP:
 12.5%- Division 2
 11.5%- Division 3



Plan C

Plan C
 Percentage Spread:
 6.89%

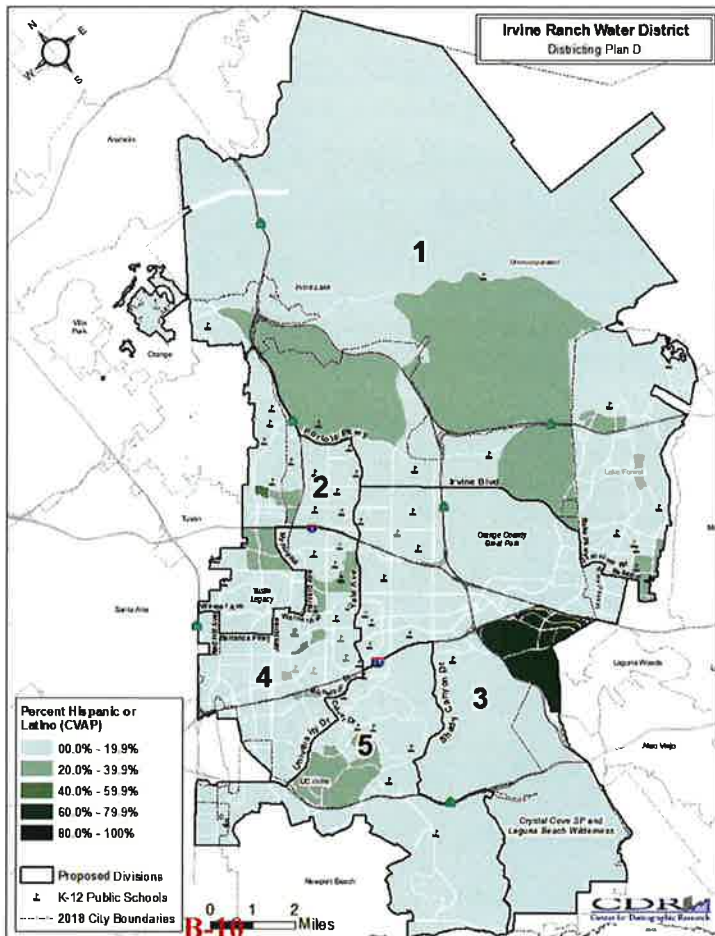
Largest Hispanic share of CVAP:
 12.7%- Division 5
 12.2%- Division 2



Plan D

Plan D
 Percentage Spread:
 4.90%

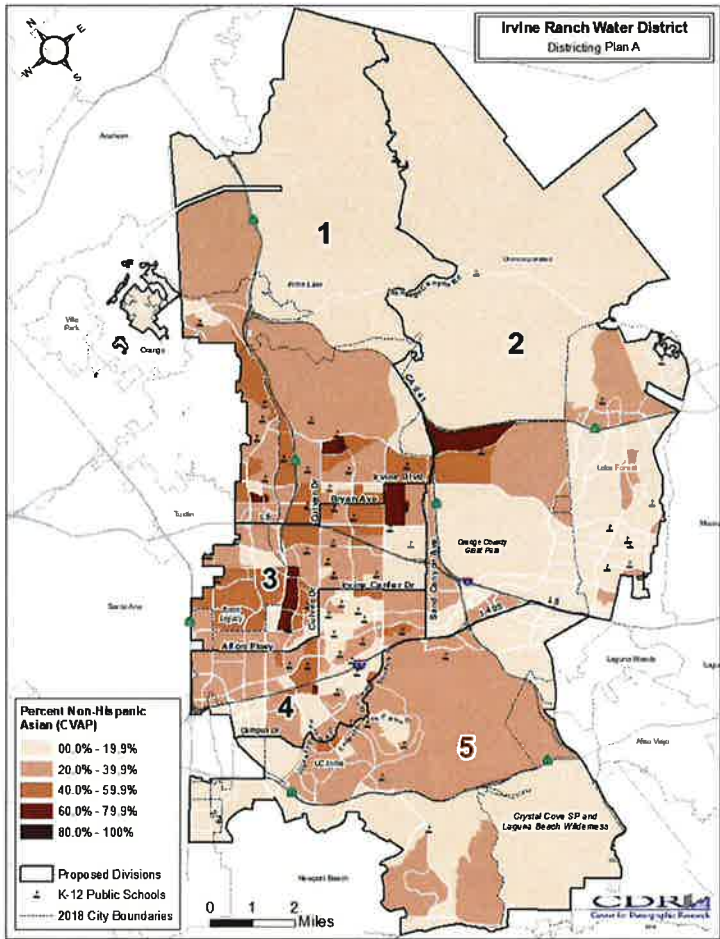
Largest Hispanic share of CVAP:
 13.0%- Division 1
 12.7%- Division 5



Plan A

Plan A
 Percentage Spread:
 3.19%

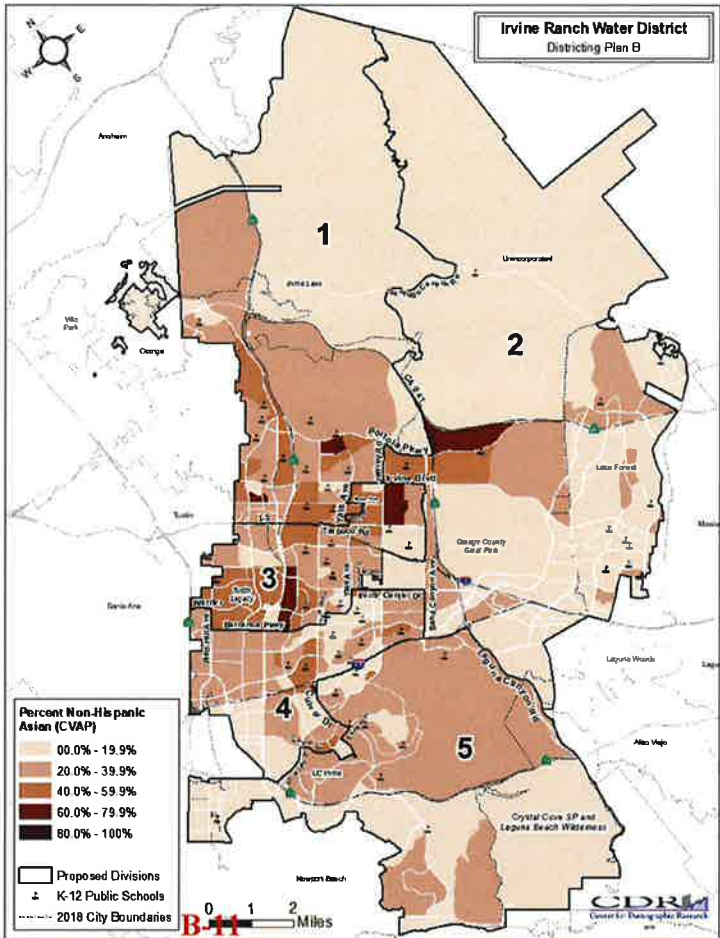
Largest Non-Hispanic Asian share of CVAP:
 38.2%- Division 1
 37.8%- Division 3



Plan B

Plan B
 Percentage Spread:
 8.60%

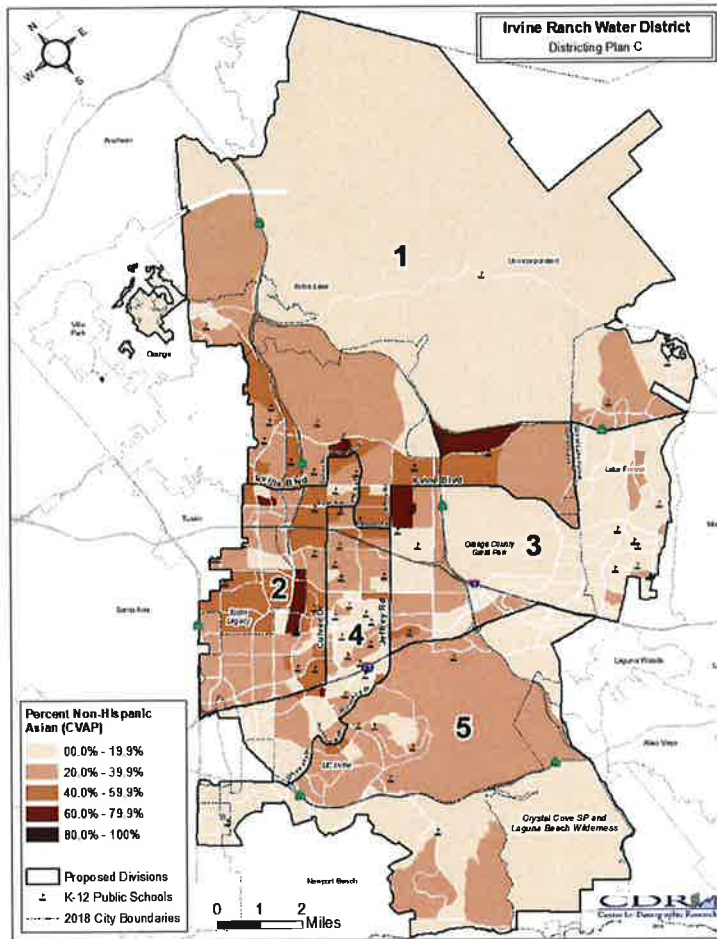
Largest Non-Hispanic Asian share of CVAP:
 38.2%- Division 1
 37.9%- Division 3



Plan C

Plan C
Percentage Spread:
6.89%

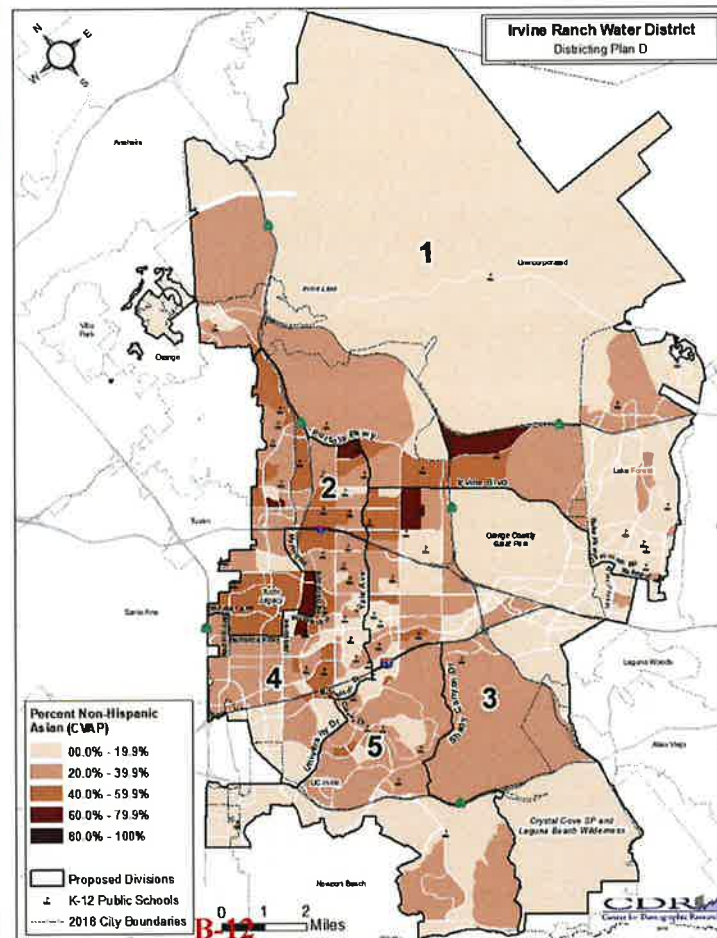
Largest Non-Hispanic Asian share of CVAP:
37.1%- Division 2
33.6%- Division 1



Plan D

Plan D
Percentage Spread:
4.90%

Largest Non-Hispanic Asian share of CVAP:
40.0%- Division 2
32.8%- Division 3



Questions & Public Comment

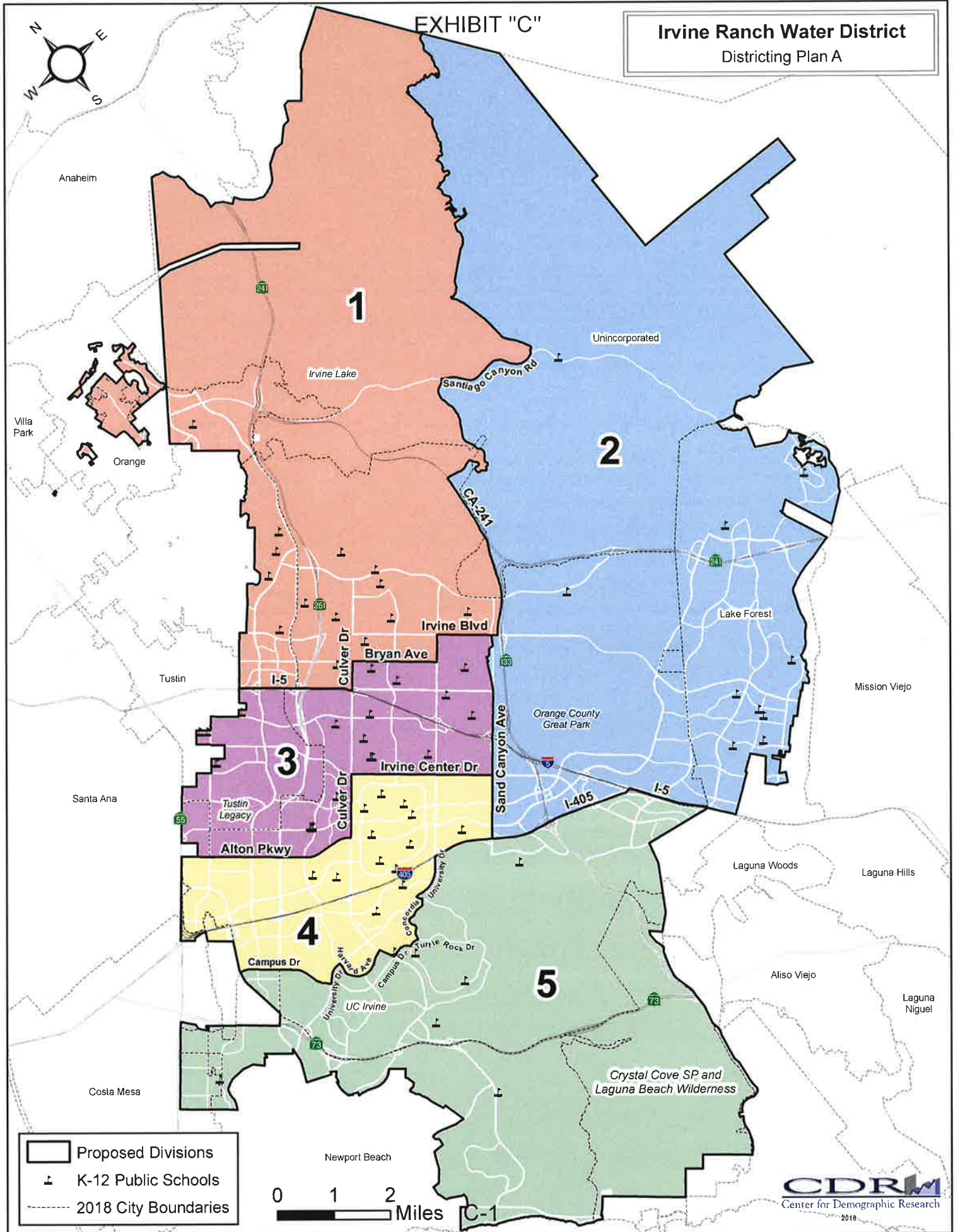
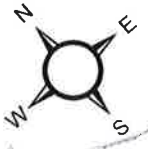


Irvine Ranch Water District

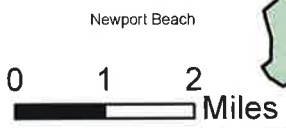
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EXHIBIT "C"

Irvine Ranch Water District
Districting Plan A



- Proposed Divisions
- K-12 Public Schools
- 2018 City Boundaries



Irvine Ranch Water District- Plan A

Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	67,229	66,316	67,365	68,468	67,773	337,151
Hispanic or Latino of any Race	7,092	13,223	7,809	6,058	6,143	40,325
Non-Hispanic White	31,151	39,670	27,294	34,423	38,659	171,197
Non-Hispanic Asian	25,013	9,693	27,673	23,253	19,143	104,775
Non-Hispanic Black or African-American	993	1,060	1,284	1,123	713	5,173
All Other Non-Hispanic Races/Ethnicities	2,980	2,670	3,305	3,611	3,115	15,681
Population 18 Years and Older	49,792	50,705	50,950	54,799	55,405	261,651
Hispanic or Latino of any Race	4,857	8,993	5,422	4,428	4,831	28,531
Non-Hispanic White	24,432	31,702	21,987	28,806	31,836	138,763
Non-Hispanic Asian	18,245	7,661	20,748	18,347	16,061	81,062
Non-Hispanic Black or African-American	751	855	933	888	602	4,029
All Other Non-Hispanic Races/Ethnicities	1,507	1,494	1,860	2,330	2,075	9,266
Citizen Voting Age Population (CVAP)	47,635	49,668	46,432	48,938	51,670	244,343
Hispanic or Latino of any Race	4,875	6,338	5,553	4,097	6,550	27,413
Non-Hispanic White	21,773	32,994	20,425	29,094	31,224	135,510
Non-Hispanic Asian	18,195	7,835	17,550	13,355	11,796	68,731
Non-Hispanic Black or African-American	1,093	1,081	1,224	950	462	4,810
All Other Non-Hispanic Races/Ethnicities	1,699	1,420	1,680	1,442	1,638	7,879
Target Division Population	67,430					
Division Difference from Target Population	-201	-1,114	-65	1,038	343	
Percent Difference from Target Population	-0.30%	-1.65%	-0.10%	1.54%	0.51%	
Percentage Spread	3.19%					

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.5%	19.9%	11.6%	8.8%	9.1%
Non-Hispanic White	46.3%	59.8%	40.5%	50.3%	57.0%
Non-Hispanic Asian	37.2%	14.6%	41.1%	34.0%	28.2%
Non-Hispanic Black or African-American	1.5%	1.6%	1.9%	1.6%	1.1%
All Other Non-Hispanic Races/Ethnicities	4.4%	4.0%	4.9%	5.3%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	9.8%	17.7%	10.6%	8.1%	8.7%
Non-Hispanic White	49.1%	62.5%	43.2%	52.6%	57.5%
Non-Hispanic Asian	36.6%	15.1%	40.7%	33.5%	29.0%
Non-Hispanic Black or African-American	1.5%	1.7%	1.8%	1.6%	1.1%
All Other Non-Hispanic Races/Ethnicities	3.0%	2.9%	3.7%	4.3%	3.7%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.2%	12.8%	12.0%	8.4%	12.7%
Non-Hispanic White	45.7%	66.4%	44.0%	59.5%	60.4%
Non-Hispanic Asian	38.2%	15.8%	37.8%	27.3%	22.8%
Non-Hispanic Black or African-American	2.3%	2.2%	2.6%	1.9%	0.9%
All Other Non-Hispanic Races/Ethnicities	3.6%	2.9%	3.6%	2.9%	3.2%

Irvine Ranch Water District- Plan B

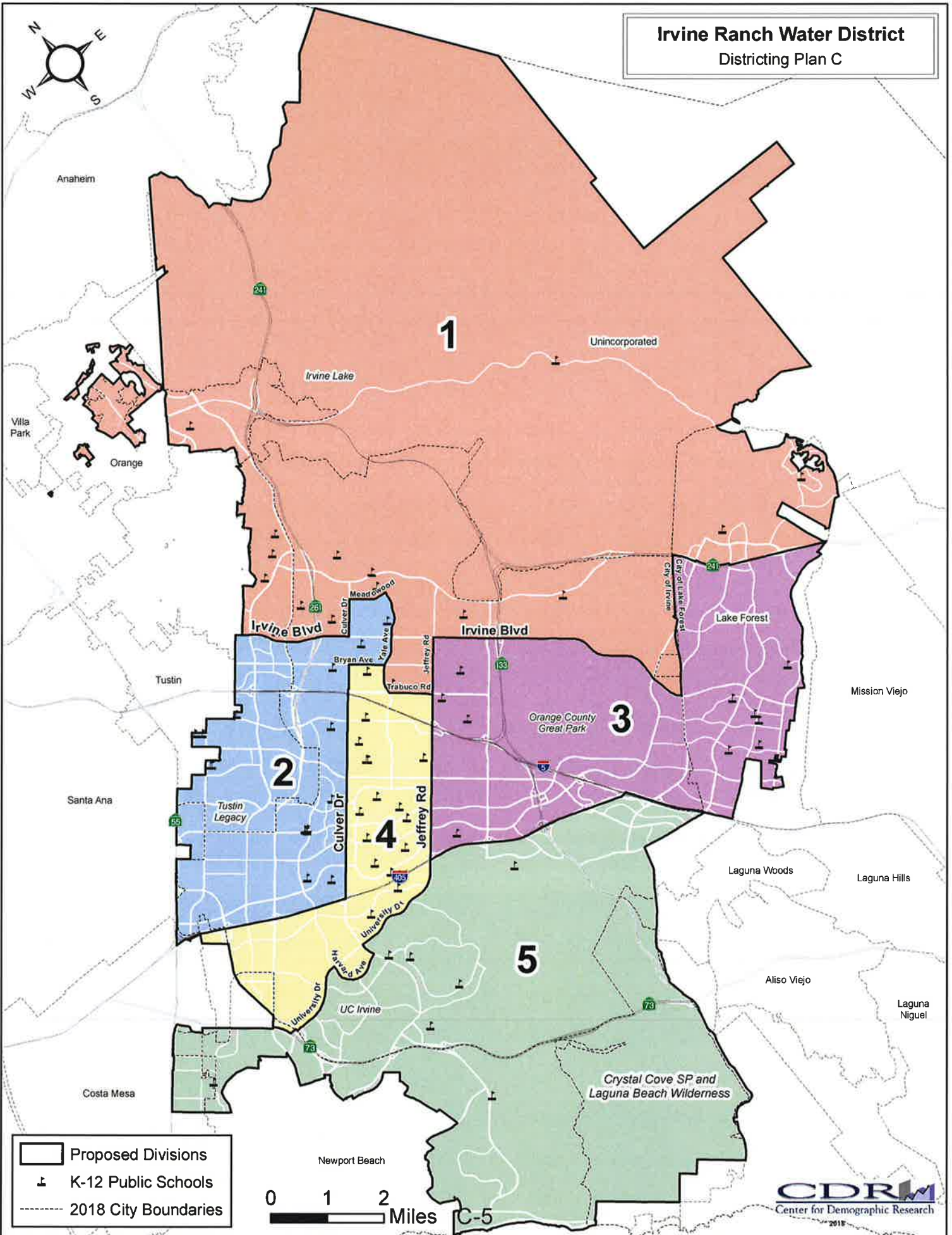
Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	67,094	68,886	65,550	64,912	70,709	337,151
Hispanic or Latino of any Race	7,047	13,468	7,409	6,362	6,039	40,325
Non-Hispanic White	30,783	41,003	27,634	30,375	41,402	171,197
Non-Hispanic Asian	25,335	10,516	26,224	23,382	19,318	104,775
Non-Hispanic Black or African-American	962	1,114	1,143	1,245	709	5,173
All Other Non-Hispanic Races/Ethnicities	2,967	2,785	3,140	3,548	3,241	15,681
Population 18 Years and Older	49,410	52,802	49,516	52,774	57,149	261,651
Hispanic or Latino of any Race	4,792	9,192	5,143	4,685	4,719	28,531
Non-Hispanic White	23,934	32,846	22,260	25,748	33,975	138,763
Non-Hispanic Asian	18,483	8,294	19,577	18,924	15,784	81,062
Non-Hispanic Black or African-American	725	900	815	992	597	4,029
All Other Non-Hispanic Races/Ethnicities	1,476	1,570	1,721	2,425	2,074	9,266
Citizen Voting Age Population (CVAP)	44,561	52,099	47,595	46,874	53,214	244,343
Hispanic or Latino of any Race	4,486	6,512	5,471	4,898	6,046	27,413
Non-Hispanic White	20,375	34,244	21,111	26,098	33,682	135,510
Non-Hispanic Asian	17,041	8,681	18,035	13,387	11,587	68,731
Non-Hispanic Black or African-American	1,085	1,128	1,197	1,008	392	4,810
All Other Non-Hispanic Races/Ethnicities	1,574	1,534	1,781	1,483	1,507	7,879
Target Division Population	67,430					
Division Difference from Target Population	-336	1,456	-1,880	-2,518	3,279	
Percent Difference from Target Population	-0.50%	2.16%	-2.79%	-3.73%	4.86%	
Percentage Spread	8.60%					

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.5%	19.6%	11.3%	9.8%	8.5%
Non-Hispanic White	45.9%	59.5%	42.2%	46.8%	58.6%
Non-Hispanic Asian	37.8%	15.3%	40.0%	36.0%	27.3%
Non-Hispanic Black or African-American	1.4%	1.6%	1.7%	1.9%	1.0%
All Other Non-Hispanic Races/Ethnicities	4.4%	4.0%	4.8%	5.5%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	9.7%	17.4%	10.4%	8.9%	8.3%
Non-Hispanic White	48.4%	62.2%	45.0%	48.8%	59.4%
Non-Hispanic Asian	37.4%	15.7%	39.5%	35.9%	27.6%
Non-Hispanic Black or African-American	1.5%	1.7%	1.6%	1.9%	1.0%
All Other Non-Hispanic Races/Ethnicities	3.0%	3.0%	3.5%	4.6%	3.6%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.1%	12.5%	11.5%	10.4%	11.4%
Non-Hispanic White	45.7%	65.7%	44.4%	55.7%	63.3%
Non-Hispanic Asian	38.2%	16.7%	37.9%	28.6%	21.8%
Non-Hispanic Black or African-American	2.4%	2.2%	2.5%	2.2%	0.7%
All Other Non-Hispanic Races/Ethnicities	3.5%	2.9%	3.7%	3.2%	2.8%

Irvine Ranch Water District Districting Plan C



Proposed Divisions
 K-12 Public Schools
 2018 City Boundaries



Irvine Ranch Water District- Plan C

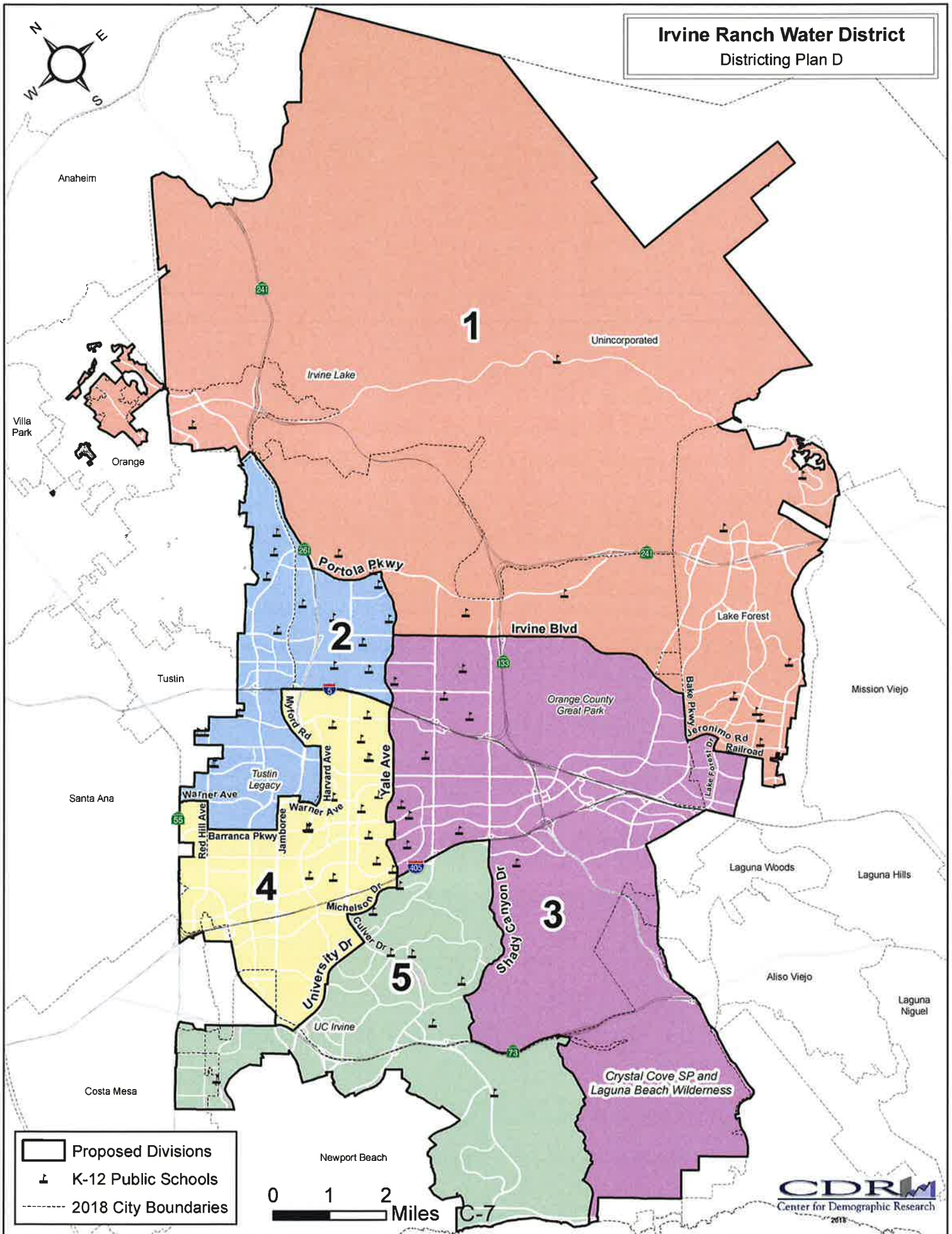
Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	67,287	68,734	64,489	67,504	69,137	337,151
Hispanic or Latino of any Race	7,207	8,366	11,970	6,565	6,217	40,325
Non-Hispanic White	34,971	27,775	34,295	34,978	39,178	171,197
Non-Hispanic Asian	21,208	27,914	14,497	21,318	19,838	104,775
Non-Hispanic Black or African-American	882	1,285	1,065	1,217	724	5,173
All Other Non-Hispanic Races/Ethnicities	3,019	3,394	2,662	3,426	3,180	15,681
Population 18 Years and Older	49,198	52,320	49,821	53,898	56,414	261,651
Hispanic or Latino of any Race	4,994	5,738	8,157	4,759	4,883	28,531
Non-Hispanic White	26,753	22,422	28,090	29,237	32,261	138,763
Non-Hispanic Asian	15,298	21,233	11,188	16,792	16,551	81,062
Non-Hispanic Black or African-American	681	988	846	904	610	4,029
All Other Non-Hispanic Races/Ethnicities	1,472	1,939	1,540	2,206	2,109	9,266
Citizen Voting Age Population (CVAP)	49,766	45,063	47,919	49,264	52,331	244,343
Hispanic or Latino of any Race	4,740	5,511	5,614	4,908	6,640	27,413
Non-Hispanic White	25,854	19,822	29,236	29,019	31,579	135,510
Non-Hispanic Asian	16,698	16,710	10,470	12,856	11,997	68,731
Non-Hispanic Black or African-American	889	1,160	1,328	971	462	4,810
All Other Non-Hispanic Races/Ethnicities	1,585	1,860	1,271	1,510	1,653	7,879
Target Division Population	67,430					
Division Difference from Target Population	-143	1,304	-2,941	74	1,707	
Percent Difference from Target Population	-0.21%	1.93%	-4.36%	0.11%	2.53%	
Percentage Spread	6.89%					

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.7%	12.2%	18.6%	9.7%	9.0%
Non-Hispanic White	52.0%	40.4%	53.2%	51.8%	56.7%
Non-Hispanic Asian	31.5%	40.6%	22.5%	31.6%	28.7%
Non-Hispanic Black or African-American	1.3%	1.9%	1.7%	1.8%	1.0%
All Other Non-Hispanic Races/Ethnicities	4.5%	4.9%	4.1%	5.1%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	10.2%	11.0%	16.4%	8.8%	8.7%
Non-Hispanic White	54.4%	42.9%	56.4%	54.2%	57.2%
Non-Hispanic Asian	31.1%	40.6%	22.5%	31.2%	29.3%
Non-Hispanic Black or African-American	1.4%	1.9%	1.7%	1.7%	1.1%
All Other Non-Hispanic Races/Ethnicities	3.0%	3.7%	3.1%	4.1%	3.7%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	9.5%	12.2%	11.7%	10.0%	12.7%
Non-Hispanic White	52.0%	44.0%	61.0%	58.9%	60.3%
Non-Hispanic Asian	33.6%	37.1%	21.8%	26.1%	22.9%
Non-Hispanic Black or African-American	1.8%	2.6%	2.8%	2.0%	0.9%
All Other Non-Hispanic Races/Ethnicities	3.2%	4.1%	2.7%	3.1%	3.2%

Irvine Ranch Water District Districting Plan D



- Proposed Divisions
- K-12 Public Schools
- 2018 City Boundaries

0 1 2 Miles

Irvine Ranch Water District- Plan D

Table 1. Population by Division and Race/Ethnicity

	DIVISION					Total
	1	2	3	4	5	
Total Population	68,657	67,602	65,350	67,537	68,005	337,151
Hispanic or Latino of any Race	12,543	7,853	7,213	6,607	6,109	40,325
Non-Hispanic White	41,197	28,932	30,824	30,538	39,706	171,197
Non-Hispanic Asian	11,168	26,688	23,012	25,545	18,362	104,775
Non-Hispanic Black or African-American	1,026	1,045	1,082	1,310	710	5,173
All Other Non-Hispanic Races/Ethnicities	2,723	3,084	3,219	3,537	3,118	15,681
Population 18 Years and Older	51,839	49,715	50,426	53,280	56,391	261,651
Hispanic or Latino of any Race	8,542	5,293	5,073	4,749	4,874	28,531
Non-Hispanic White	32,446	22,525	25,379	25,332	33,081	138,763
Non-Hispanic Asian	8,565	19,542	17,249	19,971	15,735	81,062
Non-Hispanic Black or African-American	811	774	834	1,009	601	4,029
All Other Non-Hispanic Races/Ethnicities	1,475	1,581	1,891	2,219	2,100	9,266
Citizen Voting Age Population (CVAP)	50,644	44,570	50,582	45,490	53,057	244,343
Hispanic or Latino of any Race	6,593	4,568	4,832	4,656	6,764	27,413
Non-Hispanic White	32,329	19,404	26,910	24,296	32,571	135,510
Non-Hispanic Asian	9,180	17,843	16,566	13,602	11,540	68,731
Non-Hispanic Black or African-American	967	1,124	1,084	1,173	462	4,810
All Other Non-Hispanic Races/Ethnicities	1,575	1,631	1,190	1,763	1,720	7,879

Target Division Population	67,430					
Division Difference from Target Population	1,227	172	-2,080	107	575	
Percent Difference from Target Population	1.82%	0.25%	-3.08%	0.16%	0.85%	
Percentage Spread	4.90%					

Table 2. Share of Division Populations

	DIVISION				
	1	2	3	4	5
Total Population	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	18.3%	11.6%	11.0%	9.8%	9.0%
Non-Hispanic White	60.0%	42.8%	47.2%	45.2%	58.4%
Non-Hispanic Asian	16.3%	39.5%	35.2%	37.8%	27.0%
Non-Hispanic Black or African-American	1.5%	1.5%	1.7%	1.9%	1.0%
All Other Non-Hispanic Races/Ethnicities	4.0%	4.6%	4.9%	5.2%	4.6%
Population 18 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	16.5%	10.6%	10.1%	8.9%	8.6%
Non-Hispanic White	62.6%	45.3%	50.3%	47.5%	58.7%
Non-Hispanic Asian	16.5%	39.3%	34.2%	37.5%	27.9%
Non-Hispanic Black or African-American	1.6%	1.6%	1.7%	1.9%	1.1%
All Other Non-Hispanic Races/Ethnicities	2.8%	3.2%	3.8%	4.2%	3.7%
Citizen Voting Age Population (CVAP)	100.0%	100.0%	100.0%	100.0%	100.0%
Hispanic or Latino of any Race	13.0%	10.2%	9.6%	10.2%	12.7%
Non-Hispanic White	63.8%	43.5%	53.2%	53.4%	61.4%
Non-Hispanic Asian	18.1%	40.0%	32.8%	29.9%	21.8%
Non-Hispanic Black or African-American	1.9%	2.5%	2.1%	2.6%	0.9%
All Other Non-Hispanic Races/Ethnicities	3.1%	3.7%	2.4%	3.9%	3.2%

January 14, 2019
Prepared and
Submitted by: K. Swan *KS*
Approved by: Paul A. Cook *PA. Cook*

CONSENT CALENDAR

RATIFY/APPROVE BOARD OF DIRECTORS'
ATTENDANCE AT MEETINGS AND EVENTS

SUMMARY:

Pursuant to Resolution 2006-29 adopted on August 28, 2006, approval of attendance of the following events and meetings are required by the Board of Directors.

Events/Meetings

Steven LaMar

December 11, 2018	South Orange County Agencies' Group Meeting, Santa Margarita Water District
January 9-11, 2019	National Water Resources Association Leadership Forum, Phoenix
February 26-28, 2019	Association of California Water Agencies DC 2019: Washington, D.C. Conference

Mary Aileen Matheis

January 8, 2019	Irvine Global Village Festival Sponsor Recognition Reception & Ceremony at City of Irvine's City Council Meeting
January 10, 2019	ACC-OC 2019 City Leader Reception, Anaheim
January 16, 2019	Orange County Water Association Monthly Meeting & Luncheon
February 23-28, 2019	Association of California Water Agencies DC 2019: Washington, D.C. Conference
February 27-March 1, 2019	Urban Water Institute 2019 Water Conference, Palm Springs

Doug Reinhart

December 11, 2018	South Orange County Agencies' Group Meeting, Santa Margarita Water District
December 12-14, 2018	Colorado River Water Users Association Annual Conference, Las Vegas
February 26-28, 2019	Urban Water Institute 2019 Water Conference, Palm Springs

Peer Swan

January 10, 2019	ACC-OC 2019 City Leader Reception, Anaheim
January 23-25, 2019	California Association of Sanitation Agencies 2019 Winter Conference, Indian Wells
January 25, 2019	Southern California Water Coalition Luncheon, Irvine
February 24-27, 2019	California Association of Sanitation Agencies DC 2019: Washington, D.C. Conference

Peer Swan (Continued)

February 26-28, 2019 Association of California Water Agencies DC 2019: Washington, D.C.
Conference

John Withers

January 8, 2019 Administration of the Oaths of Office for Supervisors Steel, Chaffee, and
Bartlett, Santa Ana

January 10, 2019 ACC-OC 2019 City Leader Reception, Anaheim

January 25, 2019 Southern California Water Coalition Luncheon, Irvine

RECOMMENDATION:

THAT THE BOARD RATIFY/APPROVE THE MEETINGS AND EVENTS FOR STEVEN LAMAR,
MARY AILEEN MATHEIS, DOUG REINHART, PEER SWAN, AND JOHN WITHERS AS
DESCRIBED HEREIN.

LIST OF EXHIBITS:

None.

January 14, 2019
Prepared and
submitted by: L. Bonkowski
Approved by: Paul A. Cook



CONSENT CALENDAR

MINUTES OF BOARD MEETINGS

SUMMARY:

Provided are the minutes of the December 3, 2018 Regular Board meeting, December 10, 2018 Special Board meeting, December 10, 2018 Regular Board meeting, and December 17, 2018 Special Board meeting for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

Not applicable.

RECOMMENDATION:

THAT THE MINUTES OF THE DECEMBER 3, 2018 REGULAR BOARD MEETING, DECEMBER 10, 2018 REGULAR BOARD MEETING, DECEMBER 10, 2018 SPECIAL BOARD MEETING, AND DECEMBER 17, 2018 SPECIAL BOARD MEETING BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

- Exhibit "A" - December 3, 2018 Regular Board Meeting
- Exhibit "B" - December 10, 2018 Special Board Meeting
- Exhibit "C" - December 10, 2018 Regular Meeting
- Exhibit "D" - December 17, 2018 Special Meeting

EXHIBIT "A"

MINUTES OF REGULAR MEETING – DECEMBER 3, 2018

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:00 p.m. by President Reinhart on October 8, 2018 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

District Secretary Bonkowski said that prior to roll call, she wanted to make it clear for the record of this meeting, and asked that it be reflected in the minutes, that all of this Board meeting will be conducted via speaker phone pursuant to California Government Code Section 54953 and that Director Withers will be participating from Room 910 at the Citizens Hotel located at 926 J Street, Sacramento, California. She said that in accordance with the Ralph M. Brown Act, Director Withers' teleconference location has been identified in the notice and agenda for this meeting. She said that she confirmed with the representative from the Citizen's Hotel that the Board that the agenda was posted at the Citizens Hotel within the 72 hour posting requirements. She said that all votes will be by roll call vote. She further confirmed that Director Withers was heard and that the Board could hear him clearly, and asked if any member of the public was present at Director Wither's location. Director Withers said not at this time.

Secretary Bonkowski conducted the roll call and received ayes from Directors Matheis, Swan, Withers, LaMar and Reinhart.

Also Present: General Manager Cook, Executive Director of Engineering and Water Quality Burton, Executive Director of Water Policy Weghorst, Executive Director of Finance and Administrative Clary, Director of Operations Chambers, Director of Water Recycling Operations Zepeda, Director of Treasury and Risk Management Jacobson, Director of Human Resources Roney, Secretary Bonkowski, Assistant Secretary Swan, Senior Engineer Stewart and members of the staff and public.

WRITTEN COMMUNICATIONS: None.

ORAL COMMUNICATIONS: None.

PUBLIC COMMENT FROM REMOTE LOCATION: None.

ITEMS TOO LATE TO BE AGENDIZED: None.

PRESENTATION

RESOLUTION COMMENDING WILLIAM "BILLY" STEWART FOR HIS DEDICATED AND LOYAL SERVICE TO THE DISTRICT

General Manager Cook presented Mr. Stewart with a framed plaque commending him for his 30 years of service to the District. On MOTION by Swan, seconded by Matheis, and unanimously carried (Withers, LaMar, Swan, Reinhart and Matheis voting aye), THE FOLLOWING RESOLUTION WAS ADOPTED AT FOLLOWS:

PRESENTATION (Continued)

RESOLUTION NO. 2018-29

RESOLUTION OF THE BOARD OF DIRECTORS
OF IRVINE RANCH WATER DISTRICT COMMENDING
WILLIAM "BILLY" STEWART FOR HIS DEDICATED AND
LOYAL SERVICE TO THE DISTRICT

CONSENT CALENDAR

General Manager Cook asked that item No. 5, CULVER DRIVE RECYCLED WATER PIPELINE REPLACEMENT BUDGET INCREASE, CONTRACT CHANGE ORDER, AND FINAL ACCEPTANCE be pulled from the Consent Calendar due to unexpected rain delays in completing the project. There being no objections, this item was pulled from the Consent Calendar. On MOTION by Swan, seconded and unanimously carried (Withers, LaMar, Swan, Reinhart and Matheis voting aye), CONSENT CALENDAR ITEM NOS. 4 AND 6 WERE APPROVED AS FOLLOWS:

4. LAKE FOREST RECYCLED WATER SERVICES ON BAKE PARKWAY AND TOLEDO WAY - FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Lake Forest Recycled Water Services on Bake Parkway and Toledo Way, Project 07159; authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

6. SEAWATCH RECYCLED WATER MAIN REHABILITATION – FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Seawatch Recycled Water Main Rehabilitation, Project 07099; authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the Notice of Completion.

ACTION CALENDAR

2019-2020 STATE REGULATORY AND CONSULTING SERVICES AND 2019-2020 STATE LEGISLATIVE ADVOCACY SERVICES

General Manager Cook said that item Nos. 7 and 8 on the Action Calendar will be discussed together. Mr. Cook said that in June 2018, the District contracted with Cliff Moriyama Consulting for State regulatory advocacy and consulting services and its current contract expires on December 31, 2018. He said that staff recommends the Board approve a sole-source Professional Services Agreement with Cliff Moriyama Consulting, and that this new contract be in effect from January 1, 2019, to December 31, 2020, and have a not-to-exceed value of \$100,000, covering a \$4,000 monthly retainer plus reimbursement of direct expenses.

ACTION CALENDAR (Continued)

Some of the regulatory policy areas expected to be of priority for IRWD over the 2019-2020 legislative session are provided as follows: 1) Department of Water Resources' (DWR) and the State Board's implementation of the "Making Water Conservation a California Way of Life" legislation; 2) DWR's "The Open and Transparent Water Data Act (AB 1755, Dodd) Implementation Plan"; 3) DWR's "California Water Plan: Update 2018" 4) DWR's "Public Draft of Stormwater Targets for Groundwater Recharge and Direct Use in Urban California"; 5) State Board's development of a "Cross Connection Policy Handbook"; 6) State Board's proposed "Environmental Laboratory Accreditation Program Regulations"; 7) State Board's proposed "Mercury TMDL and Statewide Mercury Control Program for Reservoirs" regulations; 8) State Board's proposed regulations on "Prohibiting Wasteful Water Use Practices;" and 9) State Board's "State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State" regulations. Cliff Moriyama has provided the District with a high level of service, knowledge, credibility and access in Sacramento and has assisted the District in its ongoing efforts to build and maintain relationships with key policy makers and regulators within State agencies.

Mr. Cook said that on October 8, 2018, the District issued a Request for Qualifications (RFQ) for state legislative advocacy services and received six responses to the RFQ. He said that staff and the Water Resources Policy and Communications Committee interviewed the top three qualified firms/teams including The Gualco Group, Public Policy Advocates/London & Gonzalez Advocacy and The Oñate Group/Quintana, Watts & Hartman teams for the provision of state legislative advocacy service to the District. While all three firms/teams are well-qualified, The Oñate Group/Quintana, Watts & Hartman teams demonstrated the most comprehensive strategy for accomplishing IRWD's state policy objectives, and presented the strongest qualifications related to state advocacy on California water policy and on behalf of public agencies.

Director Matheis said that only the 2019-2020 State Legislative advocacy services contract was discussed by the Water Resources Policy and Communications Committee on November 19, 2018.

On MOTION by Matheis, seconded by LaMar, and unanimously carried (Withers, LaMar, Swan, Reinhart and Matheis voting aye), **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A SOLE-SOURCE PROFESSIONAL SERVICES AGREEMENT WITH CLIFF MORIYAMA CONSULTING FOR STATE REGULATORY ADVOCACY AND CONSULTING SERVICES FOR THE PERIOD JANUARY 1, 2019, THROUGH DECEMBER 31, 2020, AT A RATE OF \$4,000 PER MONTH PLUS REASONABLE REIMBURSABLE DIRECT EXPENSES FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$100,000.**

On MOTION by Matheis, seconded by LaMar, and unanimously carried (Withers, LaMar, Swan, Reinhart and Matheis voting aye), **THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH THE OÑATE GROUP FOR STATE LEGISLATIVE ADVOCACY SERVICES FOR THE PERIOD JANUARY 1, 2019, THROUGH DECEMBER 31, 2020, AT A RATE OF \$5,000 PER MONTH PLUS REASONABLE REIMBURSEMENT OF DIRECT EXPENSES FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$125,000, AND AUTHORIZED THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH QUINTANA, WATTS**

ACTION CALENDAR (Continued)

& HARTMANN FOR STATE LEGISLATIVE ADVOCACY SERVICES FOR THE PERIOD JANUARY 1, 2019, THROUGH DECEMBER 31, 2020, AT A RATE OF \$5,000 PER MONTH PLUS REASONABLE REIMBURSEMENT OF DIRECT EXPENSES FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$125,000.

OTHER BUSINESS

GENERAL MANAGER'S REPORT

General Manager Cook reported that the District received an award from Orange County Business Council for its 2018 public/private partnership for the Irvine Ranch Water District's Energy Storage Project.

He further reported that tomorrow he, Director LaMar and Ms. Christine Compton will be meeting in Sacramento with Ms. Felicia Marcus of the State Water Resources Control Board.

DIRECTORS' COMMENTS

Director Matheis reported that she attended an ACWA fall conference in San Diego, and a Water Education Foundation event.

Director Swan reported on his attendance at a Public Policy Institute of California's one-day event relative to water priorities for California's next governor, OCWD meetings, various City of Newport Chamber meetings, and an ACWA fall conference.

Director LaMar reported on his attendance at a Natural Communities Coalition meeting, a two-day ACWA Board of Directors meeting in Sacramento, a MWDOC Public Affairs and Legislative Committee meeting, and an ACWA/JPIA conference.

Director Withers reported on his attendance at an NWRI Operations Committee meeting, an OCWA monthly luncheon meeting, an ACC-OC Thanksgiving reception, and an ACWA fall conference. He said that on December 11 the City of Irvine will be holding a swearing-in reception and ceremony for its newly elected council members.

Director Reinhart reported on his attendance at a MWDOC Board and a Committee meeting, an ACC-OC Thanksgiving reception, and an ACWA fall conference.

President Reinhart said that following the Closed Session, he will be adjourning the Board meeting in memory of Ms. Carollyn Lobell, who was such a great contributor to the water industry.

CLOSED SESSION

President Reinhart said that the following Closed Session would be held:

CLOSED SESSION CONFERENCE WITH LABOR NEGOTIATORS – Pursuant to Government Code Section 54957.6

Designated Agency Representatives: Paul Cook and Jenny Roney
Employee Groups: IBEW Local #47 General Unit Employees and IBEW Local #47 Non-Exempt Supervisor Unit Employees

OPEN SESSION

Following the Closed Session, the meeting was reconvened with Directors LaMar, Swan, Withers, Matheis and Reinhart present. President Reinhart said that staff is authorized to proceed as recommended for both Employee Groups.

ADJOURNMENT

There being no further business, President Reinhart adjourned the meeting in Ms. Lobell's memory at 5:45 p.m.

APPROVED and SIGNED this 14th day of January, 2019.

President, IRVINE RANCH WATER DISTRICT

Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

Claire Hervey Collins, Legal Counsel
– Lewis Brisbois

EXHIBIT "B"

MINUTES OF SPECIAL MEETING – DECEMBER 10, 2018

The special meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 4:09 p.m. by President Reinhart on December 10, 2018 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: Reinhart, Matheis, Swan, Withers and LaMar (arrived at 4:24 p.m.)

Directors Absent: None.

Also Present: General Manager Cook, Executive of Engineering and Water Quality Burton, Executive Director of Water Policy Weghorst, Executive Director of Operations Chambers, Legal Counsel Collins, Secretary Bonkowski, Government Relations Officer Compton, representatives from Quintana, Watts & Hartmen, Mr. Quintana from the Ornate Group, and members of the staff and public.

WRITTEN COMMUNICATIONS: None.

ORAL COMMUNICATIONS: None.

ITEMS TOO LATE TO BE AGENDIZED: None.

PRESENTATION

REVIEW OF 2018 LEGISLATIVE ACTIVITIES AND 2019 LEGISLATIVE PLANNING

General Manager Cook said that the report provides a review of IRWD's 2018 legislative priorities and government relations activities, and an overview of expected 2019 legislative and regulatory issues in Washington, D.C., Sacramento, and regionally. Mr. Cook said that the report proposes an initial 2019 staff resource allocation plan for legislative and regulatory issues of importance to IRWD in the coming year. He said that staff recommends that the Board provide input on the proposed 2019 regional, state and federal legislative issues of interest to IRWD.

Mr. Cook said that at the federal level, staff and IRWD's federal legislative advocate engaged on the Bureau of Reclamation's Title XVI Water Reclamation and Reuse Program, promoted federal funding of the Syphon Reservoir Recycled Water Storage Project, and sought tax parity for water rebates. He further said also included in the Water Infrastructure for Improvements for the Nation Act was authorization for the Water Storage Program at the Bureau of Reclamation which is currently the best opportunity for the District to obtain federal funding for the Kern Fan Project. He said that like the Title XVI program, however, the Water Storage Program will need to be reauthorized before 2020. This next year, unless the program is reauthorized in the lame duck session, the District will seek the reauthorization of the program and will seek federal funding for the Kern Fan Project. Following comments from the Board on this issue, Government Relations Officer Compton noted the legislative/regulatory issues and activities of high concern to IRWD in 2019 are provided in Exhibit "A" along with the District's initial 2019 Legislative and Regulatory Resource Allocation Plan, which is provided in Exhibit "B".

REVIEW OF 2018 LEGISLATIVE ACTIVITIES AND 2019 LEGISLATIVE PLANNING
(CONTINUED)

Director LaMar arrived. Following Board comments, Ms. Compton introduced the District's representatives from the Quintana, Watts & Hartmen and Mr. Quintana from the Ornate Group, and they provided brief professional backgrounds on themselves.

ADJOURNMENT

There being no further business, President Reinhart adjourned the meeting at 4:45 p.m.

APPROVED and SIGNED this 14th day of January, 2019.

President, IRVINE RANCH WATER DISTRICT

Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

Claire Hervey Collins, Legal Counsel
– Lewis Brisbois

EXHIBIT "C"

MINUTES OF REGULAR MEETING – DECEMBER 10, 2018

The regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 5:00 p.m. by President Reinhart on December 10, 2018 in the District office, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: Reinhart, Matheis, Swan, Withers and LaMar

Directors Absent: None.

Also Present: General Manager Cook, Executive of Engineering and Water Quality Burton, Executive Director of Water Policy Weghorst, Executive Director of Operations Chambers, Director of Water Recycling Operations Zepeda, Director of Water Resources Sanchez, Director of Human Resources Roney, Director of Administration Services Mossbarger, Director of Treasury and Risk Management Jacobson, Legal Counsel Collins, Legal Counsel DeMayo, Secretary Bonkowski, Government Relations Officer Compton, Consultant Deborah Deip, staff and members of the public.

WRITTEN COMMUNICATIONS: None.

ORAL COMMUNICATIONS: None.

ITEMS TOO LATE TO BE AGENDIZED: None.

PUBLIC HEARING

EVALUATING A CHANGE IN THE ELECTIONS PROCESS FOR THE IRVINE RANCH WATER DISTRICT BOARD OF DIRECTORS AND ESTABLISHING DIVISION BOUNDARIES

General Manager Cook reported that pursuant to Water Code section 35180, IRWD uses an at-large method to elect the members of its Board of Directors. The at-large method allows for voters from the entire service area to elect each of the five members of the Board of Directors. The California Voting Rights Act favors a by-division method of election instead of an at-large method of election for electing members of local government governing bodies. A by-division method divides a service area into separate divisions and allows the voters from each division, as opposed to voters from the entire service area, to elect a member of the Board of Directors. In a by-division method of election, the elected individual serves as the division's representative on the Board and must reside in that division. Pursuant to Elections Code section 10010, a public hearing is now being held after the drawing of draft maps.

President Reinhart declared that it is the time and place for a third hearing on evaluating a change in the elections process for the Irvine Ranch Water District Board of Directors and establishing division boundaries, and asked the Board Secretary to announce how the hearing was noticed.

Secretary Bonkowski said that the hearing was noticed by publication in the *Orange County Register* on Sunday, November 25, 2018; by publication in Spanish in the *Excelsior Unidos* on Friday, November 23, 2018; by publication in Korean in the *Korea Times* on Saturday, November 24, 2018; by publication in English and Traditional Chinese in the *World Journal* on Saturday, November 24, 2018, and Sunday, November 25, 2018; by publication in Farsi in *Haftah Bazaar* on Friday, November 30, 2018; by electronic posting in English, Farsi, Korean, Traditional Chinese, and Spanish on the IRWD website, through which the notice can be translated into approximately 20 languages; and by physical posting at IRWD's headquarters. Additionally, she said that the four draft maps, Map A, Map B, Map C and Map D were published on IRWD's website by December 3, 2018. She then presented affidavits of posting and proof of publication to the Board related to the hearing.

On MOTION by Swan, seconded by Matheis, and unanimously carried, the Board of Directors received and filed the affidavits of posting and proof of publication as presented by the Board Secretary.

President Reinhart asked legal counsel to describe the nature of the proceedings, and to explain the purpose of the hearing.

Legal Counsel DeMayo described the nature of the proceedings, and explained the purpose of the hearing as the opportunity to invite and solicit public comment on the draft division maps, which have been published by the District on its website for least seven days prior to the hearing, and the potential sequence of elections for the directors from each division at different times to provide for staggered terms of office.

On MOTION by LaMar, seconded by Matheis, and unanimously carried, **THE PUBLIC HEARING WAS OPENED TO SOLICIT AND ACCEPT COMMENT ON THE PROPOSED MOVE TO BY-DIVISION ELECTIONS, THE COMPOSITION OF DIVISIONS, THE DRAFT DIVISION MAPS, AND SEQUENCE OF ELECTIONS.**

President Reinhart asked Government Relations Officer Compton to provide a report to the Board regarding the draft division maps, and on any written comments received.

Using a PowerPoint presentation, Ms. Compton said that in April, the Board adopted a resolution of Intent to Initiate the process of establishing divisions and elections by divisions; data was presented to the Board during a Board Workshop on May 14, 2018; two public hearings were held on June 4 and June 18 to invite and solicit public comment on the proposed move to by-division elections, the composition of divisions and the sequence of elections prior to the drawing of draft maps; criteria was discussed at a Board Workshop held on August 13, 2018 of which is provided as Exhibit "B" in the write-up with comments and maps provided as Exhibit "C". Legal Counsel DeMayo reviewed the proposed sequencing of the elections. He said that if adopted, new divisions would take effect for the 2020 election. He said he would propose to sequence elections with existing staggered terms of board members with two divisions up for election in 2020 and three divisions up for election in 2022. He briefly described IRWD criteria for drawing division boundaries. Consultant Deborah Diep reviewed four draft maps noting that these draft maps are a starting point for the Board's consideration.

President Reinhart inquired whether there is any person present who wishes to provide comments on the proposed move to by-division elections, the composition of divisions, the draft maps, and the sequence of elections. Mr. Andrew Pollard commented on the divisions and how they could affect current Board member terms on future elections. Legal Counsel DeMayo and Ms. Diep responded with a few scenarios relative to the terms of the election with the current Board terms and placement within the draft maps.

President Reinhart inquired whether there are any comments or questions from members of the Board of Directors. Director Swan commented on his concerns with potentially moving to by-division elections. There being no further comments, on MOTION by Withers, seconded by Matheis, and unanimously carried, **THE THIRD PUBLIC HEARING WAS CLOSED AND THE BOARD AUTHORIZED STAFF TO AGENDIZE A FOURTH PUBLIC HEARING FOR JANUARY 14, 2019, FOR THE BOARD OF DIRECTORS TO SOLICIT AND ACCEPT COMMENT ON THE PROPOSED MOVE TO BY-DIVISION ELECTIONS, THE COMPOSITION OF DIVISIONS, THE DRAFT DIVISION MAPS, AND SEQUENCE OF ELECTIONS.**

CONSENT CALENDAR

Director Swan asked that item No. 8, **ADOPTION OF A REVISED DISTRICT SCHEDULE OF POSITIONS AND SALARY RATE RANGES**, be pulled from the Consent Calendar. There being no objections, this item was moved accordingly. On MOTION by Withers, seconded by LaMar, and unanimously carried, **CONSENT CALENDAR ITEMS 4 THROUGH 7 and 9 THROUGH 11 WERE APPROVED AS FOLLOWS:**

4. RATIFY/APPROVE BOARD OF DIRECTORS' ATTENDANCE AT MEETINGS AND EVENTS

Recommendation: That the Board ratify/approve the meetings and events for Mary Aileen Matheis, Steve LaMar, Peer Swan, Doug Reinhart, and John Withers, as described.

5. MINUTES OF REGULAR BOARD MEETING

Recommendation: That the minutes of the November 12, 2018 Regular Board meeting be approved as presented.

6. NOVEMBER 2018 TREASURY REPORTS

Recommendation: That the Board receive and file the Treasurer's Investment Summary report, the Summary of Fixed and Variable Rate Debt, and Disclosure report of reimbursements to Board members and staff; approve the November 2018 summary of payroll ACH payments in the total amount of \$2,088,664 and approve the November 2018 Accounts Payable Disbursement Summary of Warrants 393005 through 393942 Workers' Compensation distributions, wire transfers, payroll withholding distributions and voided checks in the total amount of \$16,006,783.

CONSENT CALENDAR (CONTINUED)

7. ELDERWOOD SEWER UPSIZING – FINAL ACCEPTANCE

Recommendation: That the Board accept construction of the Elderwood Sewer Upsizing, Project 10095; authorize the General Manager to file a Notice of Completion; and authorize the Payment of the retention 35 days after the date of recording the Notice of Completion.

9. ADOPTION OF THE 2018 SOUTH ORANGE COUNTY INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Recommendation: That the Board adopt the following resolution by title adopting the 2018 South Orange County Integrated Regional Water Management Plan.

RESOLUTION NO. 2018 - 30

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
IRVINE RANCH WATER DISTRICT
ADOPTING THE 2018 SOUTH ORANGE COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN

10. FY 2017-18 COMPREHENSIVE ANNUAL FINANCIAL REPORT

Recommendation: Receive and file.

11. TWO-YEAR OPERATING BUDGET PROPOSAL

Recommendation: That the Board approve a shift to a two-year budget rate-setting cycle, starting with Fiscal Year 2019-20 and 2020-21.

ACTION CALENDAR

ADOPTION OF A REVISED DISTRICT SCHEDULE OF POSITIONS AND SALARY RATE RANGES

Following staff's clarification on this item in response to Director Swan's inquiry, on MOTION by Swan, seconded by Matheis, and unanimously carried, THE FOLLOWING RESOLUTION WAS ADOPTED BY TITLE:

RESOLUTION NO. 2018 - 31

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE IRVINE RANCH WATER DISTRICT
RESCINDING RESOLUTION NO. 2018-24 AND ADOPTING
A REVISED SCHEDULE OF POSITIONS AND
SALARY RATE RANGES

ACTION CALENDAR (CONTINUED)

MICHELSON WATER RECYCLING PLANT EMERGENCY RECYCLED WATER DIVERSION TO SAN DIEGO CREEK CONSTRUCTION AWARD

General Manager Cook reported that the Michelson Water Recycling Plant (MWRP) Emergency Recycled Water Diversion to San Diego Creek project includes construction of a dechlorination facility, 24-inch steel pipeline to convey dechlorinated tertiary effluent to San Diego Creek, and associated instrumentation and controls.

Executive Director of Engineering and Water Quality Burton reported that the project was advertised for construction bids on September 18, 2018 to a select list of nine contractors including Gateway Pacific Contractors, GSE Construction Company, Olsson Construction, Pacific Hydrotech Corporation, Pascal & Ludwig Constructors, PCL Construction, R.C. Foster Corporation, Schuler Constructors, and SS Mechanical Construction. Mr. Burton said that the bid opening was held November 29, 2018 with bids received from Pacific Hydrotech Corporation, PCL Construction, and R.C. Foster Corporation. PCL Construction is the apparent low bidder with a bid amount of \$981,465. The engineer's estimate, prepared by HDR, was \$830,000. He said that although all three bids were higher than the engineer's estimate, with only a difference of six percent between the apparent low bid and the second low bid, staff believes that the bid costs are reasonable given the current construction climate. Following discussion, on MOTION by Withers, seconded and unanimously carried, THE BOARD AUTHORIZED THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH PCL CONSTRUCTION INC., IN THE AMOUNT OF \$981,465, FOR THE MICHELSON WATER RECYCLING PLANT EMERGENCY RECYCLED WATER DIVERSION TO SAN DIEGO CREEK, PROJECT 10093.

ENTERPRISE SERVER AND STORAGE REPLACEMENT

General Manager Cook reported that staff requested proposals from three firms for enterprise server and storage replacement equipment. He said that based on a thorough evaluation of the proposals, staff recommends Board approval of a General Plant budget increase and expenditure of \$340,000 with Sirius Computer Solutions for the purchase, installation, and configuration of enterprise server and storage replacement equipment.

On MOTION by Swan, seconded and unanimously carried, THE BOARD APPROVED A GENERAL PLANT BUDGET INCREASE AND EXPENDITURE OF \$340,000 WITH SIRIUS COMPUTER SOLUTIONS TO PURCHASE AND IMPLEMENT THE ENTERPRISE SERVER AND STORAGE REPLACEMENT EQUIPMENT.

ELECTION OF OFFICERS FOR 2019

General Manager Cook reported that the Bylaws of the District provide that the President and Vice President shall be elected by the Board from among its members. The term of office of the President and Vice President is one year, or until the election and qualification of their successors. On December 11, 2017, Director Reinhart was elected to the office of President and Director Steve LaMar was elected to the office of Vice President for calendar year 2018. General Manager Cook acted as temporary Chairman to conduct the election of President for calendar year 2019. Director Withers nominated and Director Matheis seconded the nomination of Director LaMar as President.

There being no further nominations, Director Withers made a motion for nominations to be closed. There being no further comments, on MOTION by Withers, seconded carried on a roll call vote (4-1), (Matheis, Reinhart, LaMar, and Withers voting aye and Swan abstaining), STEVEN LAMAR WAS ELECTED PRESIDENT FOR 2019. Director Withers nominated Director Matheis as Vice President. There being no further nominations, Director Withers made a motion for nominations to be closed. On MOTION by Director Withers, seconded and unanimously carried, MARY AILEEN MATHEIS WAS ELECTED VICE PRESIDENT FOR 2019.

GENERAL MANAGER'S REPORT

General Manager Cook presented to the Board the award received from ACWA in recognition of the District's sponsorship of its annual fall conference.

Mr. Cook said that he received a contract with Antelope Valley - East Kern Water Agency relative to water banking which he will be signing soon following his review of the document.

DIRECTORS' COMMENTS

Director Withers reported that tomorrow he will be attending an NWRI Board meeting as well as the City of Irvine's swearing-in of the Mayor and new Council members. He said that he attended the District's annual holiday breakfast with employees last week which he enjoyed.

Director Matheis reported on her attendance at an ISDOC Executive Committee meeting, a Water Education Foundation "Water Year 2019: Feast or Famine" event, and attended a WACO meeting last Friday.

Director Swan reported on his attendance at Newport Beach Chamber of Commerce events, the District's annual employee breakfast, a Water 2019 event at the Beckman Center, an OCWD Board meeting, and an OC Forum event.

Director Reinhart reported on his attendance at a SOCWA Board meeting, a WACO monthly meeting, and MWDOC Committee and Board meetings. In response to Director Swan's comment on MWDOC having \$17 million in its reserve fund, General Manager Cook said that he will locate the document and determine the amounts allowable. Director Reinhart further said he was unable to attend the MWDOC elected officials' forum.

Director LaMar reported on his attendance with General Manager Cook and Government Relations Officer Compton in Sacramento with State Board Chair Felicia Marcus, a California Environmental Dialogue Plenary meeting in Sacramento, and a Water Education Foundation Water Year 2019 event.

COMMUNITY UPDATES

Consultant Newell said that the canyon area handled the recent rains well.

CLOSED SESSION

President LaMar said that the following Closed Session would be held:

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION – Pursuant to Government Code Section 54956.9(d)(1): *Orange County Water District v. SABIC Innovative Plastics US, LLC, et al.*, Case No.:30-2008-00078246-CU-TT-CXC

OPEN SESSION

Director LaMar leaves the Board room at 6:30 p.m. Following the Closed Session, the meeting was reconvened with Directors Swan, Reinhart, Withers and Matheis present. Vice President Matheis said that there was no action to report.

ADJOURNMENT

There being no further business, Vice President Matheis adjourned the meeting at 6:36 p.m.

APPROVED and SIGNED this 14th day of January, 2019.

President, IRVINE RANCH WATER DISTRICT

Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:

Claire Hervey Collins, Legal Counsel
– Lewis Brisbois

EXHIBIT “D”

MINUTES OF SPECIAL BOARD MEETING– DECEMBER 17, 2018

The special meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 11:00 a.m. by President LaMar on December 17, 2018 in the Multi-Purpose Room, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: Matheis, Withers, Reinhart, LaMar and Swan.

Directors Absent: None.

Also Present: General Manager Cook, Executive Director of Finance Clary, Executive Director of Water Policy Weghorst, Executive Director of Engineering and Water Quality Burton, Executive Director of Operations Chambers, Director of Treasury and Risk Management Jacobson, Director of Water Resources Sanchez, Director of Public Affairs Beeman, Director of Administrative Services Mossbarger, Director of Recycling Operations Zepeda, Director of Water Operations Roberts, Secretary Bonkowski, Legal Counsel Collins, Legal Counsel DeMayo, Legal Counsel McKee, Government Relations Officer Compton, Manager of Human Resources Srader, and Consultant Bruce Newell.

Written and Oral Communications: None.

Items too late to be agendized: None.

DRAFT IRWD 2019 GOALS AND TARGET ACTIVITIES

General Manager Cook reported that the foundational documents, the IRWD Mission, Vision and Values Statement and the IRWD Strategic Objectives, are provided in the agenda package and said he would be reviewing these documents for Board discussion and recommendations. Director Swan commented on the Strategic Objectives, and language was added to one of the objectives. General Manager Cook reviewed the more prominent changing conditions that impact the District including: 1) emerging contaminants and the impact on regulations, analytical testing needs, and customer expectations; 2) increases in legislation and regulation (water; sewer; power; personnel; governance; transparency; natural treatment system; water quality; and financial) and IRWD’s expanding role in development and implementation; 3) increased regionalization of water supply solutions and interconnectivity with neighboring agencies; 4) climate change and its impact on imported water supplies, local groundwater availability, and IRWD’s water banking activities; 5) cyber security; 6) expanding potable reuse applications; 7) optimizing District data storage and integration utilizing methods such as data analytics and artificial intelligence; 8) logistics associated with a larger workforce (e.g., office space); 9) tighter job market necessitating increasing training and education for new and existing employees; 10) increased need for physical security; 11) Employees’ interest in increased communications; 12) preserving and enhancing IRWD’s culture as the District grows; and 13) preparing IRWD for build-out (technically, operationally, and financially). Mr. Cook further reviewed the 2019 IRWD Goals and Target Activities with comments and suggestions provided by the Board.

CLOSED SESSION

At 1:45 p.m. Legal Counsel Collins said that the following Closed Session would be held:

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION.

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2). (One (1) potential case. Claim is on file with the District).

OPEN SESSION

Following the Closed Session, the meeting was reconvened with Directors LaMar, Withers, Matheis, Swan and Reinhart present. President LaMar said no action was reported in Closed Session.

ADJOURNMENT

There being no further discussion, President LaMar adjourned the meeting at 2:45 p.m.

APPROVED and SIGNED this 14th day of January 2019.



President, IRVINE RANCH WATER DISTRICT

Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:
LEWIS BRISBOIS BISGAARD & SMITH, LLP

By: _____
District Counsel

January 14, 2019
Prepared and
submitted by: L. Bonkowski
Approved by: Paul A. Cook



CONSENT CALENDAR

2018 GENERAL DISTRICT ELECTION RESULTS

SUMMARY:

At the November 6, 2018 General District Election, Steve LaMar, Doug Reinhart and Peer A. Swan were reelected to four-year terms of office ending in November 2022. The election results have been certified by the County Registrar of Voters and a resolution is submitted for the Board's action, declaring the election results.

COMMITTEE STATUS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

THAT THE BOARD ADOPT THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2019-

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE
RANCH WATER DISTRICT DECLARING RESULTS OF
NOVEMBER 6, 2018 GENERAL DISTRICT ELECTION

LIST OF EXHIBITS:

- Exhibit "A" – Resolution
- Exhibit "B" – Certified Election Results

EXHIBIT "A"

RESOLUTION NO. 2019-

RESOLUTION OF THE BOARD OF DIRECTORS OF IRVINE RANCH WATER DISTRICT DECLARING RESULTS OF NOVEMBER 6, 2018 GENERAL DISTRICT ELECTION

On November 6, 2018, the Irvine Ranch Water District held its 2018 General District Election in accordance with the procedures set forth in Section 35175 et seq. of the Water Code for the purpose of electing three persons to three offices of Director of the Irvine Ranch Water District.

The Registrar of Voters has delivered a Certified Statement of Votes Cast to the General Manager of this District based upon the canvass of all votes cast at the General District Election held November 6, 2018, which statement shows that Steve LaMar, Doug Reinhart, and Peer A. Swan were elected Directors.

The Board of Directors of Irvine Ranch Water District therefore resolves as follows:

Section 1. That the Registrar of Voters' Statement of Votes Cast for the Irvine Ranch Water District General District Election held November 6, 2018 be received and filed.

Section 2. That the Board declares that Steve LaMar, Doug Reinhart, and Peer A. Swan have been elected Directors.

Section 3. That each newly-elected Director's term of office will extend until the November 2022 General District Election and the qualification of their successor.

ADOPTED, SIGNED and APPROVED this 14th day of January, 2019.

President, IRVINE RANCH WATER DISTRICT
and of the Board of Directors thereof

Secretary, IRVINE RANCH WATER DISTRICT
and of the Board of Directors thereof

APPROVED AS TO FORM:
LEWIS BRISBOIS BISGAARD & SMITH LLP

Legal Counsel



EXHIBIT "B"

REGISTRAR OF VOTERS
1300 South Grand Avenue, Bldg. C
Santa Ana, California 92705
(714) 567-7600
FAX (714) 567-7627
ocvote.com

NEAL KELLEY
Registrar of Voters

Mailing Address:
P.O. Box 11298
Santa Ana, California 92711

December 5, 2018

Dear General Manager:

We are enclosing the Certification of the Statement of the Vote, a copy of the Abstract of Votes Cast for the election held in your District on November 6, 2018 and if applicable copy/copies of the Certificate of Appointment in lieu of election that was mailed to the unopposed candidate(s), and a copy of the Agenda Item.

In addition, enclosed are Oath of Office forms and a copy/copies of the Certificates of Election that were mailed to the successful candidate(s) in your district. Please have each of the newly elected/appointed board members affirm and sign two copies of the oath. Retain one copy of the oath in your files and **mail the other signed copy to:**

County Clerk's Office
P.O. Box 238
Santa Ana, CA 92702

If you have any questions please contact me at (714) 567-7568.

Sincerely,

A handwritten signature in blue ink that reads "Marcia Nielsen".

Marcia Nielsen
Candidate and Voter Services Manager

Enclosures

EXHIBIT "B-1"

CERTIFICATION OF
COUNTY CLERK/REGISTRAR OF VOTERS
OF THE RESULTS OF THE CANVASS
OF THE November 6, 2018,
GENERAL ELECTION

STATE OF CALIFORNIA


ss.

COUNTY OF ORANGE

I, Neal Kelley, County Clerk/Registrar of Voters of said county, do hereby certify that, in pursuance to the provisions of Elections Code Section 15300, et seq., I did canvass the results of the votes cast in the General Election held in said County on November 6, 2018, for measures and contests that were submitted to the vote of the voters, and that the Statement of Votes Cast, to which this certificate is attached is full, true, and correct.

I hereby set my hand and official seal this 30th day of November, 2018 at
the County of ORANGE





Registrar of Voters
County of Orange
State of California

Certification of Elections Official (11/2018)

EXHIBIT "B-3"

Orange County Statement of Votes

IRVINE RANCH WATER DISTRICT Director				IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
Precinct	Party Member Registration	Ballots Cast	Turnout						
43125	0	0	0.00%		0	0	0	0	0
43134	0	0	0.00%		0	0	0	0	0
44151	0	0	0.00%		0	0	0	0	0
51072	0	0	0.00%		0	0	0	0	0
51073	0	0	0.00%		0	0	0	0	0
51213	0	0	0.00%		0	0	0	0	0
52031	1484	1089	73.38%		344	393	321	110	388
52033	487	322	66.12%		103	121	100	34	115
52036	0	0	0.00%		0	0	0	0	0
52231	1	1	100.00%		0	0	0	0	0
52235	2	2	100.00%		1	1	1	1	1
52236	0	0	0.00%		0	0	0	0	0
53065	83	65	78.31%		24	33	28	8	29
53140	0	0	0.00%		0	0	0	0	0
53142	1091	863	79.10%		316	354	312	116	344
53143	1020	773	76.12%		201	171	201	83	181
53145	1317	1329	100.00%		457	375	401	140	540
53148	1642	1225	74.60%		415	539	385	124	485
53155	331	273	82.48%		75	123	106	32	114
53158	151	121	80.13%		31	55	45	9	55
53169	0	0	0.00%		0	0	0	0	0
53170	0	0	0.00%		0	0	0	0	0
53171	0	0	0.00%		0	0	0	0	0
53172	0	0	0.00%		0	0	0	0	0
53173	0	0	0.00%		0	0	0	0	0
53174	0	0	0.00%		0	0	0	0	0
53175	0	0	0.00%		0	0	0	0	0
53176	0	0	0.00%		0	0	0	0	0
53177	0	0	0.00%		0	0	0	0	0
53178	0	0	0.00%		0	0	0	0	0
53179	0	0	0.00%		0	0	0	0	0
53180	0	0	0.00%		0	0	0	0	0
53181	0	0	0.00%		0	0	0	0	0
53182	0	0	0.00%		0	0	0	0	0
53183	0	0	0.00%		0	0	0	0	0
53184	0	0	0.00%		0	0	0	0	0
53185	0	0	0.00%		0	0	0	0	0
53186	0	0	0.00%		0	0	0	0	0
53187	0	0	0.00%		0	0	0	0	0
53188	0	0	0.00%		0	0	0	0	0
53189	0	0	0.00%		0	0	0	0	0
53190	0	0	0.00%		0	0	0	0	0
53191	0	0	0.00%		0	0	0	0	0
53192	0	0	0.00%		0	0	0	0	0
53193	0	0	0.00%		0	0	0	0	0
53194	0	0	0.00%		0	0	0	0	0
53195	0	0	0.00%		0	0	0	0	0
53196	0	0	0.00%		0	0	0	0	0
53197	0	0	0.00%		0	0	0	0	0
53198	0	0	0.00%		0	0	0	0	0
53199	0	0	0.00%		0	0	0	0	0
53200	0	0	0.00%		0	0	0	0	0
53201	0	0	0.00%		0	0	0	0	0
53202	0	0	0.00%		0	0	0	0	0
53203	0	0	0.00%		0	0	0	0	0
53204	0	0	0.00%		0	0	0	0	0
53205	0	0	0.00%		0	0	0	0	0
53206	0	0	0.00%		0	0	0	0	0
53207	0	0	0.00%		0	0	0	0	0
53208	0	0	0.00%		0	0	0	0	0
53209	0	0	0.00%		0	0	0	0	0
53210	0	0	0.00%		0	0	0	0	0
53211	0	0	0.00%		0	0	0	0	0
53212	0	0	0.00%		0	0	0	0	0
53213	0	0	0.00%		0	0	0	0	0
53214	0	0	0.00%		0	0	0	0	0
53215	0	0	0.00%		0	0	0	0	0
53216	0	0	0.00%		0	0	0	0	0
53217	0	0	0.00%		0	0	0	0	0
53218	0	0	0.00%		0	0	0	0	0
53219	0	0	0.00%		0	0	0	0	0
53220	0	0	0.00%		0	0	0	0	0
53221	0	0	0.00%		0	0	0	0	0
53222	0	0	0.00%		0	0	0	0	0
53223	0	0	0.00%		0	0	0	0	0
53224	0	0	0.00%		0	0	0	0	0
53225	0	0	0.00%		0	0	0	0	0
53226	0	0	0.00%		0	0	0	0	0
53227	0	0	0.00%		0	0	0	0	0
53228	0	0	0.00%		0	0	0	0	0
53229	0	0	0.00%		0	0	0	0	0
53230	0	0	0.00%		0	0	0	0	0
53231	0	0	0.00%		0	0	0	0	0
53232	0	0	0.00%		0	0	0	0	0
53233	0	0	0.00%		0	0	0	0	0
53234	0	0	0.00%		0	0	0	0	0
53235	0	0	0.00%		0	0	0	0	0
53236	0	0	0.00%		0	0	0	0	0
53237	0	0	0.00%		0	0	0	0	0
53238	0	0	0.00%		0	0	0	0	0
53239	0	0	0.00%		0	0	0	0	0
53240	0	0	0.00%		0	0	0	0	0
53241	0	0	0.00%		0	0	0	0	0
53242	0	0	0.00%		0	0	0	0	0
53243	0	0	0.00%		0	0	0	0	0
53244	0	0	0.00%		0	0	0	0	0
53245	0	0	0.00%		0	0	0	0	0
53246	0	0	0.00%		0	0	0	0	0
53247	0	0	0.00%		0	0	0	0	0
53248	0	0	0.00%		0	0	0	0	0
53249	0	0	0.00%		0	0	0	0	0
53250	0	0	0.00%		0	0	0	0	0
53251	0	0	0.00%		0	0	0	0	0
53252	0	0	0.00%		0	0	0	0	0
53253	0	0	0.00%		0	0	0	0	0
53254	0	0	0.00%		0	0	0	0	0
53255	0	0	0.00%		0	0	0	0	0
53256	0	0	0.00%		0	0	0	0	0
53257	0	0	0.00%		0	0	0	0	0
53258	0	0	0.00%		0	0	0	0	0
53259	0	0	0.00%		0	0	0	0	0
53260	0	0	0.00%		0	0	0	0	0
53261	0	0	0.00%		0	0	0	0	0
53262	0	0	0.00%		0	0	0	0	0
53263	0	0	0.00%		0	0	0	0	0
53264	0	0	0.00%		0	0	0	0	0
53265	0	0	0.00%		0	0	0	0	0
53266	0	0	0.00%		0	0	0	0	0
53267	0	0	0.00%		0	0	0	0	0
53268	0	0	0.00%		0	0	0	0	0
53269	0	0	0.00%		0	0	0	0	0
53270	0	0	0.00%		0	0	0	0	0
53271	0	0	0.00%		0	0	0	0	0
53272	0	0	0.00%		0	0	0	0	0
53273	0	0	0.00%		0	0	0	0	0
53274	0	0	0.00%		0	0	0	0	0
53275	0	0	0.00%		0	0	0	0	0
53276	0	0	0.00%		0	0	0	0	0
53277	0	0	0.00%		0	0	0	0	0
53278	0	0	0.00%		0	0	0	0	0
53279	0	0	0.00%		0	0	0	0	0
53280	0	0	0.00%		0	0	0	0	0
53281	0	0	0.00%		0	0	0	0	0
53282	0	0	0.00%		0	0	0	0	0
53283	0	0	0.00%		0	0	0	0	0
53284	0	0	0.00%		0	0	0	0	0
53285	0	0	0.00%		0	0	0	0	0
53286	0	0	0.00%		0	0	0	0	0
53287	0	0	0.00%		0	0	0	0	0
53288	0	0	0.00%		0	0	0	0	0
53289	0	0	0.00%		0	0	0	0	0
53290	0	0	0.00%		0	0	0	0	0
53291	0	0	0.00%		0	0	0	0	0
53292	0	0	0.00%		0	0	0	0	0
53293	0	0	0.00%		0	0	0	0	0
53294	0	0	0.00%		0	0	0	0	0
53295	0	0	0.00%		0	0	0	0	0
53296	0	0	0.00%		0	0	0	0	0
53297	0	0	0.00%		0	0	0	0	0
53298	0	0	0.00%		0	0	0	0	0
53299	0	0	0.00%		0	0	0	0	0
53300	0	0	0.00%		0	0	0	0	0
53301	0	0	0.00%		0	0	0	0	0
53302	0	0	0.00%		0	0	0	0	0
53303	0	0	0.00%		0	0	0	0	0
53304	0	0	0.00%		0	0	0	0	0
53305	0	0	0.00%		0	0	0	0	0
53306	0	0	0.00%		0	0	0	0	0
53307	0	0	0.00%		0	0	0	0	0
53308	0	0	0.00%		0	0	0	0	0
53309	0	0	0.00%		0	0	0	0	0
53310	0	0	0.00%		0	0	0	0	0
53311	0	0	0.00%		0	0	0	0	0
53312	0	0	0.00%		0	0	0	0	0
53313	0	0	0.00%		0	0	0	0	0
53314	0	0	0.00%		0	0	0	0	0
53315	0	0	0.00%		0	0	0	0	0
53316	0	0	0.00%		0	0	0	0	0
53317	0	0	0.00%		0	0	0	0	0
53318	0	0	0.00%		0	0	0	0	0
53319	0	0	0.00%		0	0	0	0	0
53320	0	0							

Orange County Statement of Votes

Precinct	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
53703	671	532	79.28%		147	234	194	60	214
56085	2507	1731	69.05%		676	689	546	236	666
56086	1238	894	72.21%		304	380	297	100	374
56072	745	586	78.66%		212	249	189	86	232
56073	1528	1007	65.90%		360	434	330	121	389
56078	848	600	70.75%		231	229	201	97	226
56093	233	174	74.68%		65	87	58	14	73
56095	1456	1064	73.08%		363	511	433	141	515
56101	2559	2047	79.99%		679	990	807	233	947
56109	1301	1049	80.63%		323	472	373	128	475
56277	1186	876	73.86%		320	400	316	114	367
56278	1052	769	73.10%		260	319	236	104	288
56287	2357	1721	73.02%		629	692	522	201	675
56293	1236	957	77.43%		356	464	347	128	414
56301	1425	1004	70.46%		357	448	367	134	415
59006	1048	724	69.07%		208	247	201	79	231
59007	899	594	66.07%		208	247	201	79	231
59009	2222	1504	67.69%		562	691	601	162	655
59015	1569	1187	75.65%		460	549	509	101	553
59016	2228	1703	76.45%		627	673	566	229	672
59017	1916	1410	73.59%		517	603	527	193	650
59020	1797	1376	76.57%		488	701	602	135	677
59021	2186	1540	70.45%		592	742	614	171	676
59022	1593	1268	79.60%		417	690	575	121	681
59026	1725	1360	78.64%		470	611	533	141	646
59027	1773	1361	76.82%		475	603	527	140	646
59034	1102	908	82.40%		322	479	410	83	465
59036	1766	1400	79.28%		476	701	635	137	679
59037	479	321	67.01%		111	149	138	37	144
59038	1048	724	69.07%		208	247	201	79	231
59039	1048	724	69.07%		208	247	201	79	231
59041	1717	1366	79.32%		475	611	533	141	646
59042	762	540	70.87%		219	246	231	63	248
59043	2330	1868	80.09%		662	1061	849	220	998

Orange County Statement of Votes

Precinct	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
59044	1619	1265	78.13%		400	695	579	112	651
59045	1819	1241	68.23%		410	614	510	97	501
59046	1543	1221	79.19%		372	651	561	102	621
59047	1021	1029	100.00%		410	621	561	102	621
59055	1	0	0.00%		0	0	0	0	0
59057	1718	944	54.95%		397	368	302	134	364
59058	2366	2052	86.73%		873	785	751	183	913
59059	1175	110	9.36%		361	37	175	119	177
59072	2110	1894	89.76%		814	721	651	145	885
59073	1015	824	81.18%		317	352	219	100	461
59075	1325	965	72.83%		344	443	380	112	444
59079	1095	773	70.59%		277	373	311	96	366
59081	1182	880	74.44%		305	455	372	120	425
59082	2011	1836	91.30%		619	527	715	187	655
59084	0	0	0.00%		0	0	0	0	0
59085	2339	2112	90.25%		591	597	319	205	1025
59090	1959	1348	68.81%		536	644	503	146	620
59092	1807	1323	73.22%		488	641	550	152	627
59097	1847	1361	73.74%		497	605	535	173	635
59099	801	561	70.04%		215	210	172	51	223
59106	1449	1131	77.98%		425	503	391	143	495
59107	1251	805	64.34%		300	344	275	123	416
59103	1885	1206	63.98%		490	507	409	180	509
59106	2260	1760	77.88%		610	866	741	191	855
59108	453	312	68.87%		121	110	104	38	111
59111	2019	392	19.41%		315	170	145	83	410
59112	2049	1098	53.63%		474	411	347	169	420
59115	2408	1807	75.04%		599	917	779	224	929
59124	1804	1347	74.67%		472	681	588	164	672
59127	2123	1598	75.27%		582	799	681	194	774
59129	2979	2087	70.06%		806	938	774	273	882
59130	427	267	62.53%		106	123	91	33	127
59131	2310	1608	69.61%		500	605	480	216	681
59132	2296	1651	72.34%		509	779	623	179	760
59133	2085	1519	72.88%		584	441	510	158	559
59134	0	0	0.00%		0	0	0	0	0
59136	1921	1396	72.67%		515	591	499	150	567
59137	595	446	74.96%		153	211	116	44	206
59138	0	0	0.00%		0	0	0	0	0
59141	1767	1301	73.63%		493	537	405	152	510
59144	2469	1629	65.98%		608	805	627	205	766
59146	1974	1318	66.77%		472	598	452	147	560
59148	653	419	64.17%		173	187	151	50	188
59149	1109	970	87.46%		730	597	526	241	680
59150	0	0	0.00%		0	0	0	0	0
59151	2801	1966	70.19%		712	1170	673	237	844
59153	2409	1514	62.85%		640	628	504	165	609
59158	764	531	69.50%		209	205	177	65	192
59162	0	0	0.00%		0	0	0	0	0
59163	678	371	54.73%		230	163	141	49	153
59164	548	351	63.87%		225	156	122	45	147

Orange County Statement of Votes

Precinct	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
59168	2331	1631	69.97%		627	707	584	196	721
59169	3298	2164	65.62%		763	955	828	259	955
59170	88	55	62.50%		21	27	23	5	28
59171	0	0	0.00%		0	0	0	0	0
59172	74	70	94.73%		10	40	17	0	20
59173	1000	720	72.00%		233	41	336	0	401
59176	923	654	70.86%		218	288	226	73	280
59201	0	1	0.00%		0	1	0	0	1
59202	0	0	0.00%		0	0	0	0	0
59204	0	0	0.00%		0	0	0	0	0
59205	1	0	0.00%		0	0	0	0	0
59206	327	82	25.08%		75	72	64	20	60
59207	9	7	77.78%		3	0	1	1	0
59208	1206	720	59.70%		272	305	242	96	286
59211	1355	949	70.04%		324	426	380	108	428
59212	0	0	0.00%		0	0	0	0	0
59202	2285	1001	43.81%		650	670	601	181	670
59204	592	504	85.14%		234	261	108	93	260
63044	0	0	0.00%		0	0	0	0	0
63202	21	14	66.67%		5	4	3	5	6
63203	0	0	0.00%		0	0	0	0	0
63204	11	0	0.00%		0	3	0	0	3
63207	6	6	100.00%		0	3	1	0	3
63209	36	22	61.11%		7	9	7	4	7
63210	88	70	81.40%		16	32	33	5	33
63211	14	13	92.86%		8	5	4	5	9
63212	4	4	100.00%		0	0	0	0	1
63213	5	0	0.00%		3	2	2	0	5
63214	10	27	27.14%		10	8	3	3	8
63215	2004	1700	84.83%		845	742	580	174	712
63217	0	0	0.00%		0	0	0	0	0
63222	1	1	100.00%		0	0	0	0	0
63223	11	5	45.45%		2	1	2	0	2
63224	4	2	50.00%		0	0	0	0	0
63225	0	0	0.00%		0	0	0	0	0
63226	3	1	33.33%		0	1	0	0	1
63228	1	0	0.00%		0	0	0	0	0
63238	8	3	37.50%		0	3	2	1	3
63358	72	63	87.50%		18	27	22	10	26
65001	600	874	145.67%		207	270	214	53	270
65002	0	0	0.00%		0	0	0	0	0
65003	0	0	0.00%		0	0	0	0	0
65055	1	0	0.00%		0	0	0	0	0
65057	0	0	0.00%		0	0	0	0	0
65058	0	0	0.00%		0	0	0	0	0
65060	0	0	0.00%		0	0	0	0	0
65061	0	0	0.00%		0	0	0	0	0
65062	0	0	0.00%		0	0	0	0	0
65081	781	603	77.21%		199	269	228	79	262
66335	8	6	75.00%		3	2	1	0	2

Orange County Statement of Votes

Precinct	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
70087	820	873	82.07%		267	287	227	101	258
70088	0	0	0.00%		0	0	0	0	0
70092	0	0	0.00%		0	0	0	0	0
70093	0	0	0.00%		0	0	0	0	0
70112	7	3	42.86%		2	1	1	2	1
70114	0	0	0.00%		0	0	0	0	0
70115	0	0	0.00%		0	0	0	0	0
70116	0	0	0.00%		0	0	0	0	0
70117	18	10	52.50%		4	2	3	0	3
70118	0	0	0.00%		0	0	0	0	0
70120	0	0	0.00%		0	0	0	0	0
70121	0	0	0.00%		0	0	0	0	0
70122	0	0	0.00%		0	0	0	0	0
70124	0	0	0.00%		0	0	0	0	0
70125	0	0	0.00%		0	0	0	0	0
70126	0	0	0.00%		0	0	0	0	0
70127	0	0	0.00%		0	0	0	0	0
70128	0	0	0.00%		0	0	0	0	0
70133	0	0	0.00%		0	0	0	0	0
70135	0	0	0.00%		0	0	0	0	0
71237	0	0	0.00%		0	0	0	0	0
71245	1317	1430	70.77%		512	637	508	204	428
71253	14	10	71.43%		8	4	0	0	4
71256	14	12	85.71%		9	6	4	6	2
71258	1040	751	72.21%		286	344	258	85	330
71262	1683	1237	73.50%		448	531	412	162	400
71267	1174	831	70.87%		228	271	183	78	270
71268	1187	687	58.05%		268	304	243	89	287
71266	2090	1655	79.19%		621	730	567	197	708
71269	1198	838	69.95%		325	361	280	107	340
71270	2598	1818	69.90%		736	730	581	273	720
71307	0	0	0.00%		0	0	0	0	0
71340	0	0	0.00%		0	0	0	0	0
71348	1416	1001	70.70%		499	399	320	127	388
71370	1830	1345	73.50%		518	578	473	203	571
71378	0	0	0.00%		0	0	0	0	0
71380	145	117	80.69%		36	51	42	16	53
71389	2414	1710	70.84%		607	711	540	204	562
72080	0	0	0.00%		0	0	0	0	0
72085	0	0	0.00%		0	0	0	0	0
72087	0	0	0.00%		0	0	0	0	0
72098	2	0	0.00%		0	0	0	0	0
72110	0	0	0.00%		0	0	0	0	0
TOTAL	201261	145807	72.44%		62638	68123	54448	17104	64104

Early Voting Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
Mesa Water/Costa Mesa Sanitation Advisory	6964	175	2.51%		58	73	64	26	76
Municipal Water District Of Orange County	201743	5467	2,71%		2175	2455	1976	728	2360
Municipal Water District of Orange County Div	4012	45	1.12%		15	19	16	4	16
Municipal Water District of Orange County Div	11521	195	1,69%		61	73	54	21	64
Newport Beach Ward Division 3	2670	54	2,02%		15	19	19	7	20
Newport Beach Ward Division 4	1021	11	1,07%						
Newport Beach Ward Division 5	5317	82	1,54%		31	32	20	10	28
Newport Coast Annexation (Helen)	6412	93	1,45%		32	39	25	11	31
Newport-Mesa Unified School District	15740	316	2,01%		96	122	98	41	119
Newport-Mesa Unified School District Trustee Area 1	3209	39	3,23%		13	13	12	3	12
Orange	3231	42	1,30%		14	18	15	3	15
Orange County	201751	5467	2,71%		2175	2455	1976	728	2360
Orange County Water District	101570	533	0,52%		10	12	10	5	15
Orange County Water District Division 2	3154	20	0,63%		14	17	12	5	16
Orange County Water District Division 3	101570	507	0,50%		14	17	12	5	16
Orange County Water District Division 5	44023	1190	2,70%		444	531	417	173	520
Orange Unified School District	5202	51	0,98%		18	24	16	6	16
Orange Unified School District Trustee Area 4	94	0	0,00%		0	0	0	0	0
Orange Unified School District Trustee Area 1	5188	25	0,48%		16	24	16	6	16
Orange Unified School District Trustee Area 2	8525	165	1,92%		22	27	21	10	27
Rancho Santiago Community College District	3523	104	2,95%		46	49	40	13	41
Rancho Santiago Community College District T	5108	51	1,00%		18	24	16	6	16
Rancho Santiago Community College District T	94	0	0,00%		0	0	0	0	0
Saddleback Valley Unified School District	36028	438	1,22%		152	198	141	57	171
Santa Ana	6	0	0,00%		0	0	0	0	0
Santa Ana College - Imperial National Branch	3123	10	0,32%		15	42	15	13	41
Santa Ana Unified School District	3223	104	3,23%		46	49	40	13	41
Santa Ana Ward Division 1	8	0	0,00%		0	0	0	0	0
Silverado	1175	6	0,51%		1	5	0	2	0
Silverado Transfer of Territory	1158	6	0,52%		1	5	0	2	0
Silverado (Mojave) Transfer of Territory	1171	0	0,00%		0	0	0	0	0
South Orange County Community College Dist	8250	580	7,03%		204	204	170	64	204
South Orange County Community College Dist	7224	2930	4,06%		117	129	109	58	123
South Orange County Community College Dist	24590	455	1,85%		174	204	170	64	204
South Orange County Community College Dist	6205	107	1,72%		36	41	30	11	37
South Orange County Community College Dist	80833	1633	2,02%		624	751	549	224	726
State System of Higher Education - District 1	20151	267	1,33%		110	123	103	36	123
Tustin	2150	204	9,5%		71	79	68	28	79
Tustin Unified School District	11919	271	2,27%		102	129	93	42	127
Tustin Unified School District Trustee Area 2	7437	127	1,71%		52	57	53	18	58
Tustin Unified School District Trustee Area 3									

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Early Voting Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. YANZINI	STEVE LAMAR
Tustin Unified School District Trustee Area 5	8513	156	1.83%		63	52	40	22	54
UCI Campes Precincts	8773	309	4.00%		116	134	124	80	150
Orange Unified Area	2470	18	0.73%		3	14	7	4	13
Totals:	201751	5467	2.71%		2176	2455	1976	728	2360

Vote-by-Mail Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
IRVINE RANCH WATER DISTRICT Director									
36th Senate District	820	357	43.54%		145	180	131	47	147
37th Senate District	200923	91423	45.50%		33221	42130	36783	10103	41957
3rd Supervisorial District	140675	63308	45.00%		23335	29503	25288	6810	29587
5th Supervisorial District	44541	20798	46.69%		7492	9499	7781	2525	9327
68th Assembly District	107757	49885	46.29%		18037	23139	19167	6795	22884
69th Assembly District	8	6	75.00%		3	2	1	0	2
Bayview Annexation LAFCO Petition	511	211	41.29%		60	88	80	25	82
Coast Community College District	10316	4873	47.24%		1604	2093	1833	531	2048
Coast Community College District Trustee Area	10316	4873	47.24%		1604	2093	1833	531	2048
Costa Mesa	2494	1507	60.46%		621	88	11	183	789
Costa Mesa Sanitary District	2494	3049	43.78%		690	1288	1120	317	1242
Costa Mesa Ward Division 1	45	45	100.00%		10	24	25	2	29
Costa Mesa Ward Division 3	1971	822	41.70%		285	299	269	85	319
Costa Mesa Ward Division 6	2459	1070	43.51%		329	461	418	98	438
County Board of Education Trustee Area 1	18074	8393	46.44%		3261	3635	2954	1057	3599
County Board of Education Trustee Area 2	6558	2759	42.08%		897	106	101	287	1029
County Board of Education Trustee Area 3	183817	89134	48.50%		25125	32121	27425	7804	32145
County Board of Education Trustee Area 4	26063	12112	46.47%		4006	4733	4721	1417	5485
East Orange	782	340	43.48%		104	162	131	43	148
East Orange County Water District	2987	1515	50.72%		629	688	579	217	696
East Tustin	2	0	0.00%		0	0	0	0	0
General Bay	0	0	0.00%		0	0	0	0	0
Irvine	125673	56354	44.84%		20590	26542	22759	5908	22231
Irvine Ranch Water District	201751	91780	45.54%		37300	42292	36855	10150	42105
Irvine Unified School District	112808	50798	45.03%		18677	23968	20854	5316	24062
Irvine Unified School District Trustee Area 1	26292	11934	45.39%		4271	5597	4804	1239	5581
Irvine Unified School District Trustee Area 2	19703	8640	43.85%		3147	4212	3743	873	4205
Irvine Unified School District Trustee Area 3	21963	9219	41.98%		3738	4000	3855	924	4210
Irvine Unified School District Trustee Area 4	2668	13385	46.70%		495	5459	6407	1338	5319
Irvine Unified School District Trustee Area 5	18473	8330	45.14%		3125	4104	3507	991	4143
Laguna Beach	1	0	0.00%		0	0	0	0	0
Laguna Beach Unified School District	781	369	47.25%		110	170	148	38	180
Laguna Woods	0	0	0.00%		0	0	0	0	0
Lake Forest	25867	16798	64.98%		5122	7579	6159	2069	7533
Lake Forest Ward Division 1	8560	3845	44.93%		1453	1678	1254	514	1831
Lake Forest Ward Division 2	11307	5140	45.46%		1669	2271	1853	618	2348
Lake Forest Ward Division 3	6144	2818	45.83%		976	1261	1006	293	1253
Lake Forest Ward Division 4	8031	3953	49.22%		1379	1699	1604	536	1860
Lake Forest Ward Division 5	2233	996	44.60%		347	469	382	128	440
Mesa Water District	1	1	100.00%		0	0	0	0	0
Mesa Water District Division A	1	1	100.00%		0	0	0	0	0

Vote-by-Mail Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
Mesa Water/Costa Mesa Sanitation Advisory	6064	3049	43,78%		990	1288	1129	317	1247
Municipal Water District Of Orange County	201743	91780	45,49%		33366	42290	35894	10150	42104
Municipal Water District of Orange County Div 2	4012	2068	51,55%		664	926	740	218	919
Municipal Water District of Orange County Div 3	10055	5754	57,21%		2070	2820	757	203	2073
Municipal Water District of Orange County Div 4	2411	1262	52,35%		1721	1816	199	10	1069
Municipal Water District of Orange County Div 5	1	0	0,00%		0	0	0	0	0
Newport Beach	11521	5625	47,96%		1855	2415	2022	605	2325
Newport Beach Ward Division 3	2870	1280	47,94%		427	584	486	155	551
Newport Beach Ward Division 4	1105	1011	91,58%		131	211	201	110	363
Newport Beach Ward Division 5	1105	1011	91,58%		131	211	201	110	363
Newport Beach Ward Division 6	1077	822	76,33%		114	144	144	70	211
Newport Beach Ward Division 7	5317	2643	49,71%		868	1164	975	260	1134
Newport Coast Annexation (Helen)	6412	3231	50,39%		1091	1418	1197	340	1391
Newport-Mesa Unified School District	15740	7301	46,39%		2427	3117	2665	775	3009
Newport-Mesa Unified School District Trustee Area 1	53	14	26,42%		0	0	0	0	0
Newport-Mesa Unified School District Trustee Area 2	8557	3709	43,35%		143	509	779	100	1033
Newport-Mesa Unified School District Trustee Area 3	6552	3223	49,19%		881	1238	1044	224	1241
Newport-Mesa Unified School District Trustee Area 4	1209	597	49,38%		194	249	213	67	240
Newport-Mesa Unified School District Trustee Area 5	3231	1728	53,48%		660	764	609	175	771
Orange County	201751	91786	45,49%		33369	42292	35895	10150	42106
Orange County Water District	59983	39183	65,34%		15546	32734	17719	1044	2111
Orange County Water District Division 1	324	103	31,79%		555	144	209	17	251
Orange County Water District Division 2	10770	5623	51,83%		1719	2638	1663	457	2274
Orange County Water District Division 3	44029	19772	44,91%		7374	8842	7454	2397	8821
Orange Unified School District	5202	2574	49,48%		859	1151	918	281	1137
Orange Unified School District Trustee Area 4	94	73	77,66%		23	31	25	15	32
Orange Unified School District Trustee Area 5	1106	2801	25,33%		885	1120	881	260	1106
Rancho Santiago Community College District	8327	3918	47,05%		1333	1708	1177	423	1693
Rancho Santiago Community College District Trustee Area 1	3323	1844	55,49%		376	557	459	142	233
Rancho Santiago Community College District Trustee Area 2	5108	2501	48,96%		636	1120	893	268	1105
Rancho Santiago Community College District Trustee Area 3	94	73	77,66%		23	31	25	15	32
Saddleback Valley Unified School District	36026	16822	46,69%		6033	7894	6230	2091	7544
Santa Ana	8	6	75,00%		3	2	1	0	2
Santa Ana College Trustee Area 1 SASSCOB	1323	1344	101,66%		15	657	469	12	155
Santa Ana College Trustee Area 2	3323	1844	55,49%		376	557	459	142	233
Santa Ana Ward Division 1	8	6	75,00%		3	2	1	0	2
Silverado	1175	498	42,38%		189	222	178	63	215
Silverado Transfer of Territory	1158	490	42,31%		185	221	176	63	212
Silverado Middle School and Paly District	1174	490	41,74%		186	222	178	63	216
South Orange County Community College District	12910	3205	24,82%		3042	3648	3207	1190	1633
South Orange County Community College District Trustee Area 1	7244	3309	45,68%		1268	1519	1345	350	1141
South Orange County Community College District Trustee Area 2	24590	11191	45,51%		4308	4962	4078	1397	4947
South Orange County Community College District Trustee Area 3	6205	2797	45,08%		933	1194	980	283	1141
South Orange County Community College District Trustee Area 4	80833	36981	45,75%		13271	17194	14300	4201	16944
State Board of Education Trustee Area 1	201751	91786	45,49%		33369	42292	35895	10150	42106
Tustin	16090	3361	20,90%		227	363	295	157	597
Tustin Unified School District	27930	12578	45,03%		180	206	164	100	400
Tustin Unified School District Trustee Area 2	11919	5274	44,25%		1969	2457	2064	592	2487
Tustin Unified School District Trustee Area 3	7437	3410	45,85%		1349	1454	1148	426	1425

Vote-by-Mail Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
Tustin Unified School District Trustee Area 5	8513	3894	45.74%		1471	1724	1409	488	1706
UCI Campus precincts	8773	3122	35.59%		1523	1601	1106	377	1269
Unincorporated Area	2470	1050	42.51%		363	472	289	131	248
Totals:	201751	91786	45.49%		33369	42292	35898	10150	42106

Grand Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
IRVINE RANCH WATER DISTRICT Director									
36th Senate District	820	674	82.20%		267	287	227	101	258
37th Senate District	200923	145221	72.28%		52318	65889	54220	17003	63921
3rd Supervisorial District	140675	100601	71.51%		36986	46334	38525	11654	45321
4th Supervisorial District	115114	84609	73.49%		46542	51052	35331	17003	53808
5th Supervisorial District	185228	122728	66.26%		5945	2111	1182	1355	4739
5th Supervisorial District	44541	33039	74.18%		11656	14731	11740	4115	14119
68th Assembly District	107757	78365	72.72%		27991	35828	28709	9532	34638
69th Assembly District	8	6	75.00%		3	2	1	0	2
7th Assembly District	820	674	82.20%		267	287	227	101	258
7th Assembly District	13160	8606	65.40%		3427	3093	2511	711	2783
Bayview	211	391	76.22%		113	168	138	48	136
Bayview Annexation LAFCO Petition	511	391	76.52%		113	168	138	48	136
Coast Community College District	10318	7797	75.58%		2482	3252	2721	848	3039
Coast Community College District Trustee Area 1	10318	7797	75.58%		2482	3252	2721	848	3039
Costa Mesa	1425	333	74.10%		107	136	106	39	144
Costa Mesa Community District	5054	5163	74.14%		1592	2123	1700	540	1955
Costa Mesa Ward Division 5	65	47	72.31%		10	25	25	2	23
Costa Mesa Ward Division 3	1971	1411	71.59%		447	514	421	144	503
Costa Mesa Ward Division 6	2459	1873	76.17%		560	776	650	185	720
County Board of Education Trustee Area 1	18074	13271	73.43%		4976	6679	4432	1721	5471
County Board of Education Trustee Area 2	8556	4544	73.99%		1404	1987	1621	509	1522
County Board of Education Trustee Area 3	16317	10980	67.29%		4013	5047	4194	1255	4621
County Board of Education Trustee Area 4	28083	19023	67.74%		6445	8602	7000	2247	8118
East Orange	782	603	77.11%		199	288	228	79	262
East Orange County Water District	2987	2326	77.87%		810	1046	836	334	1021
East Tustin	2	0	0.00%		0	0	0	0	0
Emerald Bay	0	0	0.00%		0	0	0	0	0
Irvine	121972	89313	73.20%		32960	41688	34946	10162	40743
Irvine Ranch Water District	201751	145901	72.32%		52588	65778	54448	17104	64161
Irvine Unified School District	112808	80493	71.35%		29664	37545	31699	9124	36809
Irvine Unified School District Trustee Area 1	26292	18735	71.26%		6771	8778	7361	2116	8482
Irvine Unified School District Trustee Area 2	19703	14362	72.89%		5217	6708	5751	1580	6527
Irvine Unified School District Trustee Area 3	21903	15317	69.93%		4887	6327	5104	1554	6009
Irvine Unified School District Trustee Area 4	29871	20000	67.07%		7268	9294	8122	2301	9483
Irvine Unified School District Trustee Area 5	18114	13201	73.07%		4904	6301	5252	1624	6111
Laguna Beach	1	0	0.00%		0	0	0	0	0
Laguna Beach Unified School District	781	607	76.44%		180	262	210	64	248
Laguna Woods	0	0	0.00%		0	0	0	0	0
Lake Forest	16987	10950	64.40%		4177	5191	4557	1304	4600
Lake Forest Ward Division 1	3390	3245	75.07%		2284	2619	1920	556	1497
Lake Forest Ward Division 2	1189	646	54.41%		2020	1828	1649	1021	3559
Lake Forest Ward Division 3	6144	4462	72.62%		1541	1944	1540	502	1888
Lake Forest Ward Division 4	8031	6218	77.42%		2138	2875	2353	830	2768
Lake Forest Ward Division 5	2233	1585	70.98%		554	725	592	205	678
Mesa Water District	0	0	0.00%		0	0	0	0	0
Mesa Water District Trustee Area 1	0	0	0.00%		0	0	0	0	0

Grand Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEERA. SWAN	RICHARD A. VANZINI	STEVE LAMAR
Mesa Water/Costa Mesa Sanitation Advisory	6964	5163	74.14%		1592	2123	1750	540	1956
Municipal Water District Of Orange County	201743	145895	72.32%		52585	66176	54447	17104	64179
Municipal Water District of Orange County Div	4012	3164	78.86%		1033	1401	1104	351	1353
Municipal Water District of Orange County Div	1	0	0.00%		0	0	0	0	0
Newport Beach	11521	8533	74.06%		2813	3628	2950	956	3354
Newport Beach Ward Division 3	2670	2000	74.91%		628	881	721	227	794
Newport Beach Ward Division 4	7445	5229	70.37%		2185	2747	2229	700	2461
Newport Beach Ward Division 5	1021	773	75.61%		200	281	228	73	252
Newport Beach Ward Division 7	5317	4042	76.02%		1343	1739	1389	426	1630
Newport Coast Annexation (Helen)	6412	4909	76.56%		1660	2096	1704	542	1974
Newport-Mesa Unified School District	15740	11656	74.05%		3761	4848	3971	1270	4490
Newport-Mesa Unified School District Trustee Area 1	52	43	82.69%		10	13	11	4	14
Newport-Mesa Unified School District Trustee Area 2	3337	2436	72.73%		700	897	719	211	711
Newport-Mesa Unified School District Trustee Area 3	561	413	73.62%		110	138	114	37	122
Newport-Mesa Unified School District Trustee Area 4	1209	861	71.22%		267	343	290	97	324
Orange	3231	2561	79.26%		834	1112	876	272	1091
Orange County	201751	145901	72.32%		52585	66176	54448	17104	64181
Orange County Water District	164833	119973	73.40%		40171	50063	41156	12726	46177
Orange County Water District Division 1	3254	2570	78.98%		77	105	85	28	100
Orange County Water District Division 2	10700	7802	72.88%		2610	3300	2660	800	2800
Orange County Water District Division 7	44029	31622	71.82%		11404	13942	11237	3876	13437
Orange Unified School District	5202	4121	79.22%		1390	1813	1421	492	1732
Orange Unified School District Trustee Area 4	94	78	82.98%		23	31	25	15	32
Orange Unified School District Trustee Area 5	3103	2423	78.08%		757	977	788	272	1000
Rancho Santiago Community College District	6528	5230	79.98%		2143	2691	2128	707	2550
Rancho Santiago Community College District	6623	5238	79.10%		2053	2680	2077	705	2544
Rancho Santiago Community College District T	5108	4043	79.15%		1367	1782	1396	477	1700
Rancho Santiago Community College District T	94	78	82.98%		23	31	25	15	32
Saddleback Valley Unified School District	36028	26979	74.88%		9435	12011	9469	3406	11614
Santa Ana	8	6	75.00%		3	2	1	0	2
Santa Ana College Inc (aka Santa Ana Community	2323	2118	91.17%		753	918	700	245	834
Santa Ana Unified School District	3523	2716	77.10%		752	917	700	245	833
Santa Ana Ward Division 1	8	6	75.00%		3	2	1	0	2
Silverado	1175	947	80.69%		349	408	317	141	375
Silverado Transfer of Territory	1158	937	80.92%		349	406	314	141	371
Silverado Unified School District	1173	947	80.82%		349	408	317	141	375
South Orange County Community College Dist	16390	13160	80.29%		4700	5972	4908	1612	5690
South Orange County Community College Dist	7544	6254	82.90%		2080	2615	2093	697	2475
South Orange County Community College Dist	24590	17738	72.14%		6624	7783	6141	2279	7529
South Orange County Community College Dist	6205	4455	71.80%		1459	1858	1460	486	1699
South Orange County Community College Dist	80833	58212	72.02%		20728	26695	21503	8990	25767
State Board of Equalization (District 1)	20775	15901	76.58%		5263	6318	5430	170	5811
Tustin	18026	13224	73.40%		4770	6077	4411	1751	5859
Tustin Unified School District	27868	20920	75.10%		7106	8821	6911	2520	8554
Tustin Unified School District Trustee Area 2	11919	8435	70.77%		3098	3919	3134	980	3813
Tustin Unified School District Trustee Area 3	7437	5326	71.64%		2029	2268	1751	695	2179

Grand Totals

Orange County Statement of Votes

District	Party Member Registration	Ballots Cast	Turnout	IRVINE RANCH WATER DISTRICT Director	ANDREW R. POLLARD	DOUG REINHART	PEER A. SWAN	RICHARD A. VANZINI	STEVE LAMAR
Tustin Unified School District Trustee Area 5	8513	6177	72.56%		2278	2634	2086	828	2562
UCI Campus District	8773	5780	65.88%		2311	2074	1061	648	2323
University of California	2470	1642	73.62%		861	805	681	266	773
Totals:	201751	145901	72.32%		52688	66178	54448	17104	64181

Certificate of Election

State of California, County of Orange

This is to certify that **Steve Lamar** was elected to the office of **Director, Irvine Ranch Water District**, at the election held **November 6, 2018**.

The official returns of said election and statement of votes cast are on file in the office of the Board of Supervisors, County of Orange.



Witness my hand and official seal this
30th day of November, 2018


Neal Kelley
Registrar of Voters

Certificate of Election

State of California, County of Orange

This is to certify that *Peer A. Swan* was elected to the office of *Director, Irvine Ranch Water District*, at the election held *November 6, 2018*.
The official returns of said election and statement of votes cast are on file in the office of the Board of Supervisors, County of Orange.

Witness my hand and official seal this
20th day of *November, 2018*



Neal Carey
Registrar of Voters

Certificate of Election


State of California, County of Orange

This is to certify that *Doug Reinhart* was elected to the office of *Director, Irvine Ranch Water District*, at the election held *November 6, 2018*.
The official returns of said election and statement of votes cast are on file in the office of the Board of Supervisors, County of Orange.



Witness my hand and official seal this
30th day of *November, 2018*

[Signature]
Neal Kinley
Registrar of Voters

January 14, 2019
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook 

CONSENT CALENDAR

MEMORANDUM ON OFFICERS OF THE BOARD, COMMITTEE APPOINTMENTS AND OTHER ASSIGNMENTS

SUMMARY:

Each year, the President of the Board of Directors provides the Board with a memorandum on the upcoming year's officers of the Board, Committee appointments and other assignments.

As a result of changes implemented by President Reinhart on Committees and other assignments, the following actions are necessary:

- Receive and file the January 14, 2019, Memorandum on Officers of the Board, Committee Appointments and Other Assignments (Memorandum);
- Adopt a resolution rescinding Resolution No. 2018-03 and revising the appointment of Directors to Committees of the Board; and
- Approve attendance at meetings and events by Director for the 2019 calendar year.

BACKGROUND:

IRWD Directors serve on various standing committees and ad hoc committees when such a committee is created by the Board President, and serve the District in various other assignments. President LaMar has reviewed the current Committee appointments and other District assignments, and has made changes to the Memorandum, provided as Exhibit "A". The changes from appointments and assignments memo for 2018 are highlighted in red text.

A resolution has also been prepared that revises the appointment of Directors to Committees of the Board, provided as Exhibit "B".

Approval of Attendance at Meetings and Events:

Pursuant to Resolution 2014-38 (Resolution), adopted on August 25, 2014, approval / ratification of attendance at events and meetings for non-IRWD Board or Committee meetings is required by the Board of Directors for certain meetings and events. For those meetings and events falling under Section 2(b) of Article II of Exhibit "A" to the Resolution, approval is requested to authorize attendance of the Board Members assigned as the District's representative/lead, and their alternates, as listed in the Memorandum, at meetings and events of the following governmental agencies and external organizations during the 2019 calendar year:

Approved Organizations:

- Association of CA Water Agencies (ACWA)
- ACWA/Joint Powers Insurance Authority
- CalDesal

Consent Calendar: Memorandum on Officers of the Board, Committee Appointments and Other Assignments

January 14, 2019

Page 2

Approved Organizations, continued:

- CA Association of San. Agencies (CASA)
- CA Council for Environmental and Economic Balance (CCEEB) / CA Environmental Dialogue (CED) & Water Quality Task Force (WQTF)
- CA Special Districts Association (CSDA)
- City of Costa Mesa
- City of Irvine
- City of Lake Forest
- City of Newport Beach
- City of Orange / OPA
- City of Tustin
- El Toro Restoration Advisory Board
- Independent Special Districts of OC (ISDOC)
- Greater Irvine Chamber of Commerce
- Municipal Water District of Orange County (MWDOC)
- National Water Research Institute (NWRI)
- Natural Communities Coalition (NCC)
- Newport Bay Watershed Executive Committee
- Newport Chamber of Commerce
- Orange County Business Council (OCBC)
- Orange County Council of Governments
- Orange County Sanitation District (OCSD), when the District's representative or alternative is not compensative for attendance at the OCSD meeting or event by OCSD.
- Orange County Water Association (OCWA)
- Orange County Water District (OCWD)
- Santiago Aqueduct Commission
- South Orange County Economic Coalition
- South Orange County Water Agencies Meeting
- South Orange County Watershed Management Area Executive Committee
- South Orange County Wastewater Authority (SOCWA), when the District's representative or alternative is not compensative for attendance at the SOCWA meeting or event by SOCWA.
- Southern California Water Dialogue Group
- Southern California Water Coalition (SCWC)
- Urban Water Institute (UWI)
- WaterReuse Association
- Water Advisory Committee of OC (WACO)
- Water Education Foundation (WEF)

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was not submitted for Committee review.

RECOMMENDATION:

THAT THE BOARD RECEIVE AND FILE THE MEMORANDUM DATED JANUARY 14, 2019, ENTITLED OFFICERS OF THE BOARD, COMMITTEE APPOINTMENTS AND OTHER ASSIGNMENTS; APPROVE ATTENDANCE FOR THE MEETINGS AND EVENTS FOR THE BOARD'S REPRESENTATION FOR CALENDAR YEAR 2019 AS DELINEATED, AND ADOPT THE FOLLOWING RESOLUTION BY TITLE:

RESOLUTION NO. 2019-

RESOLUTION OF THE BOARD OF DIRECTORS
OF IRVINE RANCH WATER DISTRICT
RESCINDING RESOLUTION NO. 2018-3 AND REVISING THE
ASSIGNMENT OF DIRECTORS TO COMMITTEES OF THE BOARD

LIST OF EXHIBITS:

- Exhibit "A" – Memorandum from President LaMar dated January 14, 2019, entitled Officers of the Board, Committee Appointments and Other Assignments
- Exhibit "B" – Proposed Resolution Rescinding Resolution 2018-3 and Revising the Appointment of Directors to Committees of the Board

EXHIBIT "A"

MEMORANDUM

DATE: January 14, 2019

DRAFT

TO: Board of Directors

FROM: Steven LaMar, President

SUBJECT: MEMORANDUM RELATIVE TO OFFICERS OF THE BOARD, COMMITTEE APPOINTMENTS, AND OTHER ASSIGNMENTS

District Board of Directors:

- President Steve LaMar
- Vice President Mary Aileen Matheis
- Directors Doug Reinhart, Peer Swan, and John Withers

Officers of the District, Staff:

- District Treasurer Rob Jacobson
- Assistant District Treasurers Cheryl Clary, Tanja Fournier
- District Secretary Leslie Bonkowski
- Assistant District Secretaries Kristine Swan, Christine Compton

Standing Committees Appointments*:

- Finance and Personnel Swan, LaMar (Alt. Reinhart)
- Engineering and Operations Reinhart, Matheis (Alt. Withers)
- Water Resources Policy and Communications Matheis, Withers (Alt. LaMar)
- Supply Reliability Programs Swan, Reinhart (Alt. Matheis)
- Serrano Water District / IRWD Reinhart, Swan (Alt. LaMar)

Ad Hoc Committees Appointments*:

- California Bay Delta LaMar, Swan
- Board Process / Legal Oversight Reinhart, Matheis
- City of Newport Beach Swan, Matheis
- City of Irvine Matheis, LaMar
- City of Lake Forest Matheis, Reinhart
- City of Orange / OPA Reinhart, Withers
- City of Tustin LaMar, Matheis
- MWDOC Reinhart, LaMar
- Ocean Desalination LaMar, Swan
- Orange County Water District Swan, LaMar
- OCWD / MWDOC Joint Planning Reinhart, Swan
- San Joaquin Marsh Swan, Matheis
- Serrano Water District Swan, Reinhart

* Committee chair name shown first

Governmental Agencies Representation and Assignments:

- **City of Costa Mesa** Swan (District Lead), Withers (Alternate)
- **City of Irvine** Matheis (District Lead), LaMar (Alternate)
- **City of Lake Forest** Withers (District Lead), Reinhart (Alternate)
- **Municipal Water District of Orange County** Swan (District Lead), Reinhart (Alternate)
- **Natural Communities Coalition** LaMar (District Lead), Cook (Alternate)
- **City of Newport Beach** Swan (District Lead), Matheis (Alternate)
- **Newport Bay Watershed Executive Comm.** Swan (Representative),
Matheis and Cook (Alternates)
- **City of Orange / OPA** Reinhart (District Lead), Withers (Alternate)
- **Orange County Sanitation District (OCSD)**** Withers (Director), Reinhart (Alternate)
- **Orange County Water District (OCWD)** Reinhart (District Lead), LaMar (Alternate)
- **Santiago Aqueduct Commission (SAC)**** Matheis (Director) and Withers (Alternate)
- **South Orange County Watershed Management Area Executive Committee** Matheis (Representative), LaMar (Alternate)
- **So OC Wastewater Authority (SOCWA)**** Reinhart (Director), Cook (First Alternate),
Burton (Second Alternate)
- **City of Tustin** LaMar (District Lead), Matheis (Alternate)

External Organizations Assignments:

- **Association of CA Water Agencies (ACWA)** All Board Members
- **ACWA/Joint Powers Insurance Authority** Swan (District Lead), Matheis (Alternate)
- **CalDesal** LaMar (District Lead), Reinhart (Alternate)
- **CA Association of San. Agencies (CASA)** Swan (District Lead), Withers and
Chambers (Alternates)
- **CA Council for Environmental and Economic Balance (CCEEB) CED / WQ Task Force** LaMar (District Lead); Compton and
Colston (Alternate)
- **CA Special Districts Association (CSDA)** Matheis (District Lead)
- **El Toro Restoration Advisory Board** Matheis (District Lead), Cook (Alternate)
- **Independent Special Districts of OC (ISDOC)** Matheis (District Lead), Withers (Alternate)
- **Greater Irvine Chamber of Commerce** Matheis (District Lead), LaMar (Alternate)
- **National Water Research Institute (NWRI)** Withers (District Lead), Reinhart (Alternate)
- **Newport Chamber of Commerce** Swan (District Lead), Matheis (Alternate)
- **Orange County Business Council (OCBC)** LaMar (District Lead), Withers (Alternate)
- **Orange County Council of Governments** Matheis (District Lead), LaMar (Alternate)
- **Orange County Water Association** Reinhart and Swan
- **South Orange County Economic Coalition** Matheis (District Lead), Reinhart (Alternate)
- **South County Water Agencies Group** Reinhart (District Lead), LaMar (Alternate)
- **Southern California Water Dialogue Group** Swan (District Lead), LaMar (Alternate)
- **So. California Water Coalition (SCWC)** LaMar and Matheis (District Lead)
- **Urban Water Institute (UWI)** Matheis (Representative), Swan (Alternate)
- **WaterReuse Association** Reinhart (District Lead), Cook (Alternate)
- **Water Advisory Committee of OC (WACO)** All Board Members
- **Water Education Foundation (WEF)** Matheis (District Lead), Swan (Alternate)

** Need to notify these agencies of any changes

IRWD-Associated Organizations Officers:

- Bardeen Partners, Inc. Withers, President; Swan, Vice President
LaMar, Matheis, and Reinhart, Members
Jacobson, Treasurer
Clary and Fournier, Assistant Treasurer
L. Bonkowski, Secretary

- IRWD Water Service Corporation Matheis, President; Reinhart, Vice President
LaMar, Swan, and Withers, Members
Jacobson, Treasurer
Clary and Fournier, Assistant Treasurer
L. Bonkowski, Secretary

- Post-employment Benefits Retirement Trust Board Swan, Chairman; LaMar, Vice Chair
Cook, Member
Jacobson, Treasurer
Clary and Fournier, Assistant Treasurer
L. Bonkowski, Secretary

IRWD-Supported Organizations Representation:

- San Joaquin Wildlife Sanctuary, Inc. Swan, President; Matheis, Director
L. Bonkowski, Treasurer, Director and Secretary

- Shadetree Partnership, Inc. Matheis, President
T. Bonkowski, Director and Treasurer
L. Bonkowski, Director and Secretary
Cook, Director
Swift, Director

NOTE: Officers and directors are elected by the Shadetree Board of Directors, not by IRWD.

Organization / Committee Staff Representation and Support:

- Association of CA Cities – OC (ACC-OC) Cook, Compton
- Association of CA Water Agencies (ACWA) Cook, Compton
- California Assoc. of Sanitation Agencies **Chambers, Zepeda**
- California Municipal Utilities Assoc. (CMUA) Cook, Compton
- California Special Districts Assoc. (CSDA) Compton
- California Water Environmental Assoc. **Chambers, Zepeda**
- National Water Research Institute (NWRI) **Colston, Clary (Treasurer)**
- Newport Bay Watershed Mgmt. Comm. Tettermer (Representative), Cook (Alternate)
- Santiago Aqueduct Commission (SAC) Cook (GM), Burton (Engineer) Clary (Treasurer)
- South Orange County Watershed Mgmt. Area Executive Committee Tettermer

- WaterReuse California Cook, Tettermer, and Compton

EXHIBIT “B”

RESOLUTION NO. 2019-

RESOLUTION OF THE BOARD OF DIRECTORS OF
IRVINE RANCH WATER DISTRICT, RESCINDING
RESOLUTION NO. 2018-3 AND REVISING THE
APPOINTMENT OF DIRECTORS TO COMMITTEES
OF THE BOARD

WHEREAS, by adoption of Resolution No. 2018-3 on January 22, 2018, the Board of Directors of Irvine Ranch Water District appointed members of the Board of Directors to serve on Committees of the Board; and

WHEREAS, it is the desire of the President to revise the appointment of Directors to Board Committees. Additionally, the President has the authority to appoint an additional alternate as appropriate to Committees in the absence of the members and alternates.

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of Irvine Ranch Water District as follows:

Section 1. That Resolution No. 2018-3 be and hereby is rescinded.

Section 2. That the following Committee appointments* are hereby made:

Finance and Personnel – Swan, LaMar (Alt. Reinhart)

Engineering and Operations – Reinhart, Matheis (Alt. Withers)

Water Resources Policy and Communications – Matheis, Withers (Alt. LaMar)

Supply Reliability Programs – Swan, Reinhart (Alt. Matheis)

Serrano Water District / IRWD – Reinhart, Swan (Alt. LaMar)


*Committee Chair name shown first

ADOPTED, SIGNED and APPROVED this 14th day of January, 2019.

President
IRVINE RANCH WATER DISTRICT
and of the Board of Directors thereof

Secretary
IRVINE RANCH WATER DISTRICT
and of the Board of Directors thereof

APPROVED AS TO FORM:
Claire Hervey Collins
Lewis Brisbois Bisgaard & Smith LLP
General Counsel - IRWD

January 14, 2019
Prepared by: T. Bonkowski/M. Cortez
Submitted by: K. Burton
Approved by: Paul A. Cook 

CONSENT CALENDAR

DOMESTIC WATER PIPELINE REPLACEMENT TO THE MICHELSON WATER
RECYCLING PLANT AIR GAP FINAL ACCEPTANCE

SUMMARY:

The Domestic Water Pipeline Replacement to the Michelson Water Recycling Plant Air Gap project is complete. The District's contractor, GCI Construction, completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

This project installed 630 feet of six-inch C-900 polyvinyl chloride pipeline in Riparian View starting in the landscape slope adjacent to the overflow parking lot of the San Joaquin Marsh campus and ending at the air gap facility; it ultimately supplies several plant processes including the high rate clarifier, odor scrubber and eyewash facilities. The pipeline replaced an asbestos cement pipeline that was originally installed in 1967 and has had multiple leaks since 2011.

Staff completed the design in May 2018. GCI Construction was awarded the construction contract on July 10, 2018, mobilized in October 2018 and completed construction of all improvements on November 30, 2018. Staffing issues in September 2018 prevented GCI Construction from starting the project on time.

Project Title:	Domestic Water Pipeline Replacement to the Michelson Water Recycling Plant Air Gap
Project No.:	07149
Design Engineer:	JIG Consultants
Construction Management by:	IRWD Staff
Contractor:	GCI Construction
Original Contract Cost:	\$322,335.00
Final Contract Cost:	\$326,425.41
Original Contract Days:	90
Final Contract Days:	143
Final Change Order Approved On:	January 7, 2019

FISCAL IMPACTS:

Project 07149 is included in the FY 2018-19 Capital Budget. The existing budget is sufficient to fund the final payment for the project.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations Title 14, Chapter 3, Article 7, Section 15302 and Section 15282. Section 15302 permits an exemption for projects that involve replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. Section 15282 permits an exemption for the installation of an existing pipeline as set forth in Section 21080.21 of the Public Resources Code, as long as the project does not exceed one mile in length. A Notice of Exemption for the project was filed with the County of Orange on February 22, 2018.

COMMITTEE STATUS:

This item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD ACCEPT CONSTRUCTION OF THE SIX-INCH DOMESTIC WATER PIPELINE REPLACEMENT TO THE MICHELSON WATER RECYCLING PLANT AIR GAP, PROJECT 07149, AUTHORIZE THE GENERAL MANAGER TO FILE A NOTICE OF COMPLETION, AND AUTHORIZE THE PAYMENT OF THE RETENTION 35 DAYS AFTER THE DATE OF RECORDING THE NOTICE OF COMPLETION.


LIST OF EXHIBITS:

None.

January 14, 2019

Prepared by: H. Cho/M. Cortez

Submitted by: K. Burton

Approved by: Paul A. Cook 

CONSENT CALENDAR

MICHELSON WATER RECYCLING PLANT SOUTH IRVINE INTERCEPTOR MANHOLE ACCESS FINAL ACCEPTANCE

SUMMARY:

The Michelson Water Recycling Plant (MWRP) South Irvine Interceptor Manhole Access project is complete. The District's contractor, SS Mechanical, completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

The first manhole on the South Irvine Interceptor sewer trunk upstream of the headworks is located in the landscaped slope of the parking area adjacent to the primary clarifiers. Since the manhole's location is restrictive to access by staff and vehicles, the 48-inch interceptor sewer cannot be easily cleaned and maintained regularly. This project constructed stairs and a concrete pad around the manhole allowing staff to safely access and station the manhole during cleaning activities. A water jet unit and a reel of high pressure water hose is permanently mounted on the pad. With a combination jetter/vactor truck providing water to the water jet unit, staff will be able to effectively clean this critical sewer reach. Silt that has accumulated in the sewer will be suspended by the water jet, and the material will be removed by the vactor's suction components.

Staff completed the design in December 2017. SS Mechanical was awarded the construction contract on February 12, 2018, mobilized in June 2018 and completed construction of all improvements on December 19, 2018. The new water jet unit was supplied by US Jetting, which predominantly manufactures water jet hoses for installation on combination jetter/vactor trucks. The project was delayed by several months due to US Jetting's difficulties with producing a concrete pad-mountable water jet unit that met the District's needs and specifications which resulted in 109 additional days needed to complete construction.

Project Title:	MWRP South Irvine Interceptor Manhole Access
Project No.:	07112
Design Engineer:	JIG Consultants
Construction Management by:	IRWD Staff
Contractor:	SS Mechanical
Original Contract Cost:	\$170,333.00
Final Contract Cost:	\$195,745.81

Consent Calendar: Michelson Water Recycling Plant South Irvine Interceptor Manhole Access
Final Acceptance
January 14, 2019
Page 2

Original Contract Days: 200

Final Contract Days: 309

Final Change Order Approved On: December 27, 2018

FISCAL IMPACTS:

Project 07112 is included in the FY 2018-19 Capital Budget. The existing budget is sufficient to fund the final payment for the project.

ENVIRONMENTAL COMPLIANCE:

This project is categorically exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15301, which provides exclusion for minor alteration of public facilities and Section 15303, which provides for the construction of small new facilities in small structures to serve water mains, sewage and other utility extensions, including street improvements of reasonable length to serve such construction. A Notice of Exemption for the project was filed with the County of Orange on December 14, 2017.

COMMITTEE STATUS:


This item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD ACCEPT CONSTRUCTION OF THE MICHELSON WATER RECYCLING PLANT SOUTH IRVINE INTERCEPTOR MANHOLE ACCESS, PROJECT 07112, AUTHORIZE THE GENERAL MANAGER TO FILE A NOTICE OF COMPLETION, AND AUTHORIZE THE PAYMENT OF THE RETENTION 35 DAYS AFTER THE DATE OF RECORDING THE NOTICE OF COMPLETION.

LIST OF EXHIBITS:

None.

January 14, 2019
Prepared by: J. Dayer
Submitted by: T. Roberts / W. Chambers
Approved by: Paul A. Cook 

CONSENT CALENDAR

MICHELSON WATER RECYCLING PLANT EQUIPMENT YARD ASPHALT REPLACEMENT CONTRACT AWARD

SUMMARY:

The asphalt in and around the Michelson Operations Center equipment yard is greater than 20 years old and in need of replacement. Staff recommends that the Board authorize the General Manager to execute a construction contract with Sanders Paving, Inc. in the amount of \$159,126.25 for replacement of approximately 45,150 square feet of asphalt.

BACKGROUND:

Most of the asphalt in and around the Michelson Water Recycling Plant (MWRP) Equipment Yard has never been replaced. The asphalt is no compromised due to age and soil conditions, and requires replacement.

Much of the asphalt around the Michelson Operations Center was replaced as part of the MWRP Phase II Expansion Project. The condition of the remaining areas of asphalt was evaluated in fall 2016. Areas identified as requiring replacement included: 1) asphalt in and around Buildings 10 and 40, and 2) asphalt in and around the equipment yard in the southwest corner of the MWRP. The asphalt in and around Buildings 10 and 40 was replaced in Fiscal Year (FY) 2017-18. Staff plans to replace the equipment yard asphalt in two phases; Phase I is scheduled for FY 2018-19 and Phase II is scheduled for FY 2019-20.

Phase I of the equipment yard encompasses approximately 45,150 square feet of asphalt. The area included in the scope of this contract award are provided as Exhibit "A". Capital Projects were added to the FY 2018-19 Capital Budget to fund this replacement.

On December 22, 2018, staff conducted a job walk with four qualified paving contractors. Responsive bids were received from all four bidders: 1) Sanders Paving, Inc., 2) A & Y Asphalt Contractors, Inc., 3) Hardy & Harper, Inc., and 4) GM Sager Construction, Inc. Sanders Paving, Inc. was the low bidder with a bid of \$159,126.25. A list of bid results is provided as Exhibit "B". Sanders Paving, Inc. has satisfactorily completed many projects for the District and is considered well qualified.

FISCAL IMPACTS:

Capital Projects 10512, 10513, and 10514 are included in the FY 2018-19 Capital Budget. The existing budget is sufficient to fund the recommendations presented.

ENVIRONMENTAL COMPLIANCE:

This activity is not subject to the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15060 (c)(1) Preliminary Review. An activity is not subject to CEQA if the activity will not result in a direct reasonably foreseeable indirect physical change to the environment.

COMMITTEE STATUS:

Construction awards are not routinely taken to a Committee prior to submittal to the Board.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH SANDERS PAVING, INC. IN THE AMOUNT OF \$159,126.25 FOR REPLACEMENT OF APPROXIMATELY 45,150 SQUARE FEET OF ASPHALT AT THE MICHELSON WATER RECYCLING PLANT.

LIST OF EXHIBITS:

Exhibit "A" – MWRP Equipment Yard Asphalt Replacement Aerial
Exhibit "B" – MWRP Equipment Yard Asphalt Replacement Bid Summary

EXHIBIT "A"





Irvine Ranch Water District

Bid Summary

Michelson Operations Center Equipment Yard Asphalt Replacement (Phase 1)

Contractor	Amount
Sanders Paving, Inc.	\$159,126.25
A & Y Asphalt Contractors, Inc.	\$163,777.00
Harpy & Harper, Inc.	\$179,795.00
G. M. Sager Construction	\$260,163.17

January 14, 2019

Prepared by: R. Bennett / K. Welch

Submitted by: F. Sanchez / P. Weghorst

Approved by: Paul A. Cook 

ACTION CALENDAR

CANAL ALIGNMENT STUDY FOR THE KERN FAN GROUNDWATER STORAGE PROJECT

SUMMARY:

On October 8, 2018, the IRWD Board approved an agreement with Rosedale-Rio Bravo Water Storage District that provides for IRWD and Rosedale to cost share early project planning activities while the Kern Fan Groundwater Storage Project Joint Powers Authority (JPA) is being formed. One of the early planning activities includes conducting a study to determine the optimal alignment for a proposed canal that would convey water from the California Aqueduct for recharge at the Kern Fan Groundwater Storage Project facilities. Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with Dee Jasper and Associates, Inc. (DJA) in the amount of \$115,425 to perform a planning level evaluation of potential canal alignments for the Project.

BACKGROUND:

In August 2017, IRWD and Rosedale jointly submitted an application to the California Water Commission (CWC) that requested \$86 million in grant funds for the Kern Fan Groundwater Storage Project through the Water Storage Investment Program (WSIP). In July 2018, the CWC conditionally awarded \$67.5 million in grant funding to the Project. The Project includes construction of up to 1,200 acres of spreading basins and up to 12 new extraction wells. Water will be conveyed from the California Aqueduct to the Project via a new turnout at the California Aqueduct and a new canal with up to 500 cubic feet per second conveyance capacity.

To facilitate the planning, design, construction and operation of the Project, IRWD and Rosedale intend to form a JPA. A JPA Agreement is being developed to create the Kern Fan Project Authority, which will carry out functions necessary to implement the Project. During the development of the JPA Agreement, certain early planning activities must be completed to maintain the overall project schedule. On October 8, 2018, the Board authorized an agreement between IRWD and Rosedale to initiate and cost share early project planning activities. Such early planning activities include property investigations, geophysical investigations, hydraulic evaluations and a canal alignment study for the Project.

Locating Project Facilities:

In August 2018, staff from IRWD, Rosedale and DJA met to discuss the optimal location of project facilities, location of a new turnout from the California Aqueduct and possible alignments for the Project canal. As shown in Exhibit "A", five possible alternatives for canal alignment were identified, including the alignment from the original application to the CWC. Prior to finalizing the canal alignment, it was agreed that a hydraulic study is needed to verify that the proposed California Aqueduct turnout location would not impact operations of the Cross Valley Canal. Rosedale, with IRWD's concurrence, has contracted with engineers at GEI to perform a

hydraulic study for this purpose. The study will provide the information needed to evaluate canal alignment alternatives through a separate study.

Canal Alignment Study:

Engineers at DJA performed the conceptual engineering work and cost estimates that were included the Project grant application to the CWC. Therefore, DJA is uniquely qualified to assist with the next phase of engineering evaluations of the Project without the need to develop an understanding of the project. Staff requested that DJA prepare a scope of work to perform a planning level evaluation of up to three of the five canal alignments to be selected by Rosedale and IRWD. Major activities to be performed for each of the three selected alignments include:

- A visual investigation of the alignments;
- Preparation of plan and profile maps;
- Identification of permit requirements, environmental issues, and constructability issues, and the ability to utilize existing infrastructure;
- Preparation of preliminary construction costs estimates;
- Participation in project meetings; and
- Preparation of a technical memorandum.

The total estimated cost for the evaluation is \$115,425, which includes four optional tasks. The first three optional tasks may be used to evaluate different conveyance rates, variations in alignments or a change in recharge basin locations. The fourth optional task may be used to perform hydraulic modeling of one selected alignment. A copy of a scope of work, budget and schedule for DJA to perform the evaluation are provided as Exhibit "B". Staff has reviewed DJA's proposal and the negotiated costs are considered to be fair and reasonable. Rosedale has reviewed DJA's proposal and is agreeable to the terms, pursuant to the cost sharing agreement. On December 11, 2018, Rosedale's Board of Directors approved the DJA proposal and Rosedale's 50% cost share for the planning level evaluation.

FISCAL IMPACTS:

On August 27, 2018, the Board approved the addition of the Kern Fan Groundwater Storage Project as Project 10854 to the Fiscal Year 2018-19 Capital Budget. Sufficient budget exists to fund the cost of the canal alignment study. Rosedale will reimburse IRWD for 50% of the cost of the study.

ENVIRONMENTAL COMPLIANCE:

A Final Environmental Impact Report (EIR) for the Stockdale Integrated Banking Project was prepared, certified and approved in compliance with California Environmental Quality Act (CEQA) of 1970 (as amended), codified at California Public Resources Code Sections 21000 et. seq., and the State CEQA Guidelines in the Code of Regulations, Title 14, Division 6, Chapter 3. Rosedale, as lead agency, filed a Notice of Determination for the Stockdale Integrated Banking Project with the County of Kern. IRWD, as a responsible agency, filed Notices of Determination

with the County of Orange and with the County of Kern. The EIR includes a program-level analysis of impacts of a third project site. When a third Stockdale project site is identified, subsequent project-level environmental review will be necessary prior to implementation of phase one of the Kern Fan Groundwater Storage Project. It is expected that a new EIR will be required for the construction and operation of the second phase facilities contemplated in the proposed Kern Fan Groundwater Storage Project.

COMMITTEE STATUS:

This item was reviewed by the Supply Reliability Programs Committee on December 20, 2018.

RECOMMENDATION:

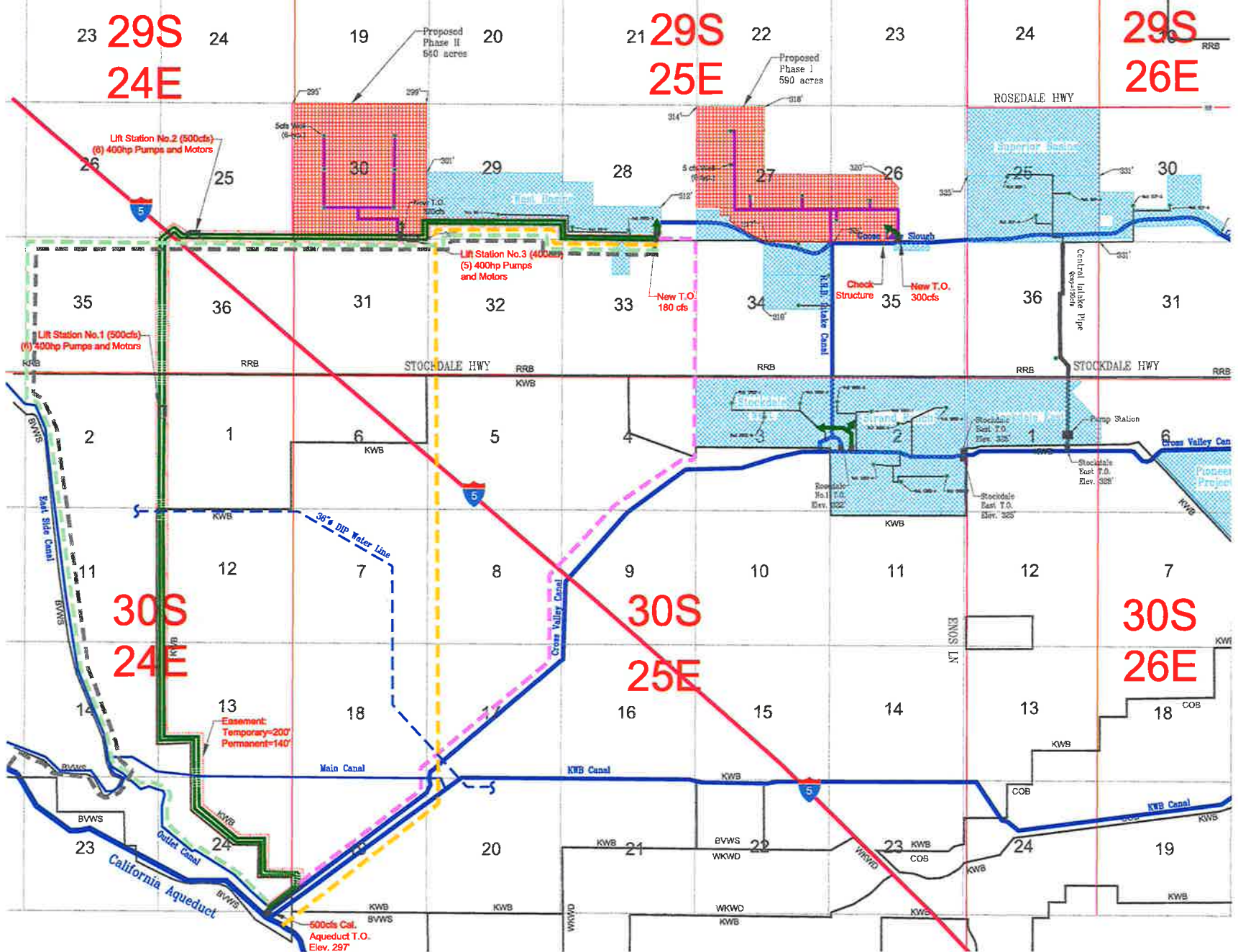
THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH DEE JASPAR AND ASSOCIATES, INC. IN THE AMOUNT OF \$115,425 TO PERFORM A PLANNING-LEVEL EVALUATION OF POTENTIAL CANAL ALIGNMENTS FOR THE KERN FAN GROUNDWATER STORAGE PROJECT.

LIST OF EXHIBITS:

Exhibit “A” – Map of Alignment Alternatives for the Kern Fan Groundwater Storage Project
Exhibit “B” – Dee Jaspar and Associates Pre-Project Engineering Evaluation Proposal, dated December 3, 2018

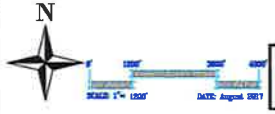
A-1

Exhibit "A"



Kern Fan
Groundwater Storage
Project Feasibility
Study Map

LEGEND	
	Canals/other Waterways
	Diversion/Conveyance
	Pipe Sections (Underground)
	Easement
	Water District Boundary
	Major Roads
	Recovery/Conveyance
	Well
	Proposed Properties
	Current Properties
	Water Coverage
	Alt. 1 - KWB Alignment-Utilize or parallel KWB Main Canal & cross KWB property (± 31,300-39,300 LF)
	Alt. 2 - CVC Alignment-Parallel to CVC on KWB property (± 34,480 LF)
	Alt. 3 - BV/ESC Alignment-Utilize or parallel BV East Side Canal (± 40,000-55,100 LF)
	Alt. 4 - BV/Outlet Alignment-Utilize or parallel Outlet Canal & BV East Side Canal (± 30,900-56,000 LF)
	Alt. 5 - Marris Alignment-Grant Project alignment (± 52,500 LF)



DEE JASPAR & ASSOCIATES, INC.
 CIVIL ENGINEERING
 2000 UNIVERSITY AVENUE, SUITE 200
 PORTHOLE, CALIFORNIA 95557
 PHONE: 707-461-8200
 FAX: 707-461-8201

DATE: August 2007

Exhibit "B"



Kern Fan Project

Statement of Qualifications

Dee Jaspar & Associates, Inc.
2730 Unicorn Rd, Bldg A
Bakersfield, Ca 93308

Consulting Civil Engineers

Pre-Project Engineering Evaluation



DEE JASPAR & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
2730 UNICORN ROAD, BLDG A
BAKERSFIELD, CA 93308
PHONE (661) 393-4796
FAX (661) 393-4799

December 3, 2018

Ray Bennett, Engineer
c/o Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

**RE: Kern Fan Project
Pre-Project Engineering Assistance**

Mr. Bennett,

Attached is an engineering proposal for the above referenced project. The proposal includes:

- Firm Information
- Scope of Work Plan
- Map of Alternative Project Alignments
- Itemized Engineering Budget
- Project Schedule
- 2018 Rate Structure

Dee Jaspar will serve as the Principal Engineer and will be performing the hydraulic modeling work, attending project meetings, and performing final in-house work product reviews.

Curtis Skaggs will serve as the Project Manager, will coordinate and oversee the work, attend project meetings, handle general correspondence, and prepare the written memorandums.

Matt Hooker will serve as the Project Engineer, will perform the alignment evaluations, and prepare the construction cost estimates.

Please let me know if you have any questions, concerns, or need anything else. Thank you for the opportunity to serve the District on this project.

Thanks,

Curtis M. Skaggs, PE

DEE JASPAR & ASSOCIATES, Inc.
FIRM INFORMATION

Dee Jasper & Associates, Inc., founded in 1980 and established as a California corporation in 1982, is a professional civil engineering corporation. For more than thirty-eight years, civil engineers at Dee Jasper & Associates have specialized in project management, engineering design, and construction administration for both public and private civil projects. Dee Jasper & Associates, Inc. has offices in Bakersfield and Porterville, CA.

Dee Jasper & Associates, Inc. currently employs ten (10) full-time and three (3) part-time staff members in its Bakersfield and Porterville offices; (5 Professional Engineers, 2 Staff Engineers (E.I.T.), 1 Drafting Technician, 1 Surveyor, 2 Clerical, and 3 part-time inspectors on an as needed basis).

The primary contact for this project will be the Project Manager, Curtis M. Skaggs, at (661) 393-4796.

Project Design and Management

- Project Design
- Project Management
- Construction Administration
- Construction Inspection
- Preliminary Design Studies
- Budget / Job Costing
- Estimating
- Scheduling

Civil Design

- Pipeline and Open Channel Design
- Pumping Plant Design
- Right of Way Surveys
- Topographic and Alignment Surveys
- Agricultural Water Supply and Distribution Systems
- Groundwater Recharge Facilities
- Water Storage Reservoirs
- Municipal / Industrial Water Supply and Treatment (Groundwater Wells)
- Feasibility Studies
- Drainage Studies and Drainage System Design
- Flood Studies and Flood Control Systems
- Agricultural Drainage Water Re-Use and Disposal Projects
- Permit Acquisition

Land Development

- Improvement Plans
- Boundary Surveys
- ALTA Surveys
- Construction Surveys
- Grading Plans
- Topographic Surveys

Municipal / Industrial Water Supply

- Distribution System Design and Analysis
- Pumping Plant Design
- Water Treatment Pilot Studies
- Water Treatment System Design
- Water Well Pilot Studies
- Hydraulic Modeling
- Well Design and Construction Monitoring
- Steel Water Storage Reservoir Design and Construction Monitoring
- Rate Structure Studies and Design
- Plan Checking Services

Agricultural Water Supply

- Open Channel Analysis and Design
- Closed Conduit Analysis and Design
- Pumping Plant Design
- Pipeline Alignment Surveys
- Earthen Water Storage Reservoirs
- Flood Control Facility Analysis and Design
- Open Channel Improvement Projects
 - Channel Prism Modification
 - Channel Lining and Liner Extensions
- Right-of-Way Determination and
- Groundwater Recharge & Recovery

Clients Served

Dee Jaspar & Associates, Inc., has served the Kern and Tulare County areas in many capacities including, but not limited to, engineering design, design and construction project team member, preparation of feasibility studies, design of temporary/emergency facilities, construction inspection and administration. Below is a partial list of other Kern and Tulare County clients we serve.

- The City of McFarland
- The City of Shafter
- Vaughn Water Company
- Oildale Mutual Water Company
- Cawelo Water District
- The City of Porterville
- Arvin Community Services District
- Irvine Ranch Water District
- West Kern Water District
- Ducor Community Services District
- Wheeler Ridge Maricopa Water Storage District

PRE-PROJECT ENGINEERING SCOPE OF WORK

A Preliminary Conceptual Design and Feasibility Study was prepared by Dee Jaspar & Associates, Inc. (DJA) as part of the Proposition 1 Grant Application phase. DJA considered a few variations of the proposed Kern Fan Project which endeavored to develop two 640 acre Recharge & Recovery Facilities along with the conveyance of approximately 500 cfs of Aqueduct water into these recharge areas and the Rosedale Rio-Bravo Water Storage District. The Feasibility Study for the Grant Application phase discussed the proposed project, provided detailed project cost estimates, provided a preliminary project schedule, and evaluated the proposed project operation and maintenance costs. The scope of work for the pre-project engineering work outlined herein serves to evaluate other feasible project alternatives and alignments as identified at a Project Participant meeting held August 21, 2018.

1. At the above referenced meeting, five potential project alignments were identified. These alignments require further analysis to evaluate the potential to make use of other existing infrastructure, evaluation of the alignment hydraulics, evaluation of permitting issues, environmental issues, constructability issues, and right-of-way issues as well as developing more detailed project cost estimates. This pre-project engineering work will select three of the five above referenced alignments to evaluate more closely and provide information to the project participants in an effort to narrow down the project alternatives in anticipation of a more detailed feasibility study at a later time.
2. DJA will perform the evaluation work noted in Item No. 1 for three project alignments as directed by the project participants. DJA has provided line items for evaluating alignments further with other considerations such as lower conveyance flow rates, variations of the alignment, or a change in the alignment terminus due to the recharge location changing. These items are referred to as Alignment Iterations and are broken out as optional tasks to be implemented at the discretion of the project participants.
3. DJA will perform a site visit and visual investigation of the alignments to note viable alignments, conditions of existing facilities, potential obstacles, and potential constructability issues.
4. DJA will prepare plan and profile maps of the project alignments. Google earth will be utilized at this time for approximate ground surface elevations. The plan and profile maps will identify locations of crossings, below ground siphons, and potential locations of lift stations.
5. Upon development of the alignment maps noted in Item No. 4, DJA will meet and review with IRWD and RRBWSD staff. This review will serve to identify other options to consider and to fine tune the alignments prior to performing any hydraulic modeling and cost estimating.
6. DJA will perform preliminary level hydraulic modeling using Hec-Ras as directed by the project participants. This modeling will serve to fine tune the canal cross sections, evaluate impacts of crossings or siphons, locate lift stations, and also evaluate the alignments for impacts to the hydraulic grade line. This task is listed as an optional task at the discretion of the project participants.

7. DJA will evaluate the potential issues associated with each alignment including permit requirements, environmental issues, constructability issues, and potential issues with utilizing existing infrastructure. This will not be a comprehensive evaluation of these issues, but merely a consideration or identification of potential issues.

8. DJA will prepare preliminary construction costs estimates for each alignment. These cost estimates will endeavor to list potential cost savings or cost increases for alternate materials, means, or methods associated with certain facilities or components of the project. An example of this would be listing a cost savings for utilizing a HDPE canal liner as opposed to concrete lining the conveyance canal.

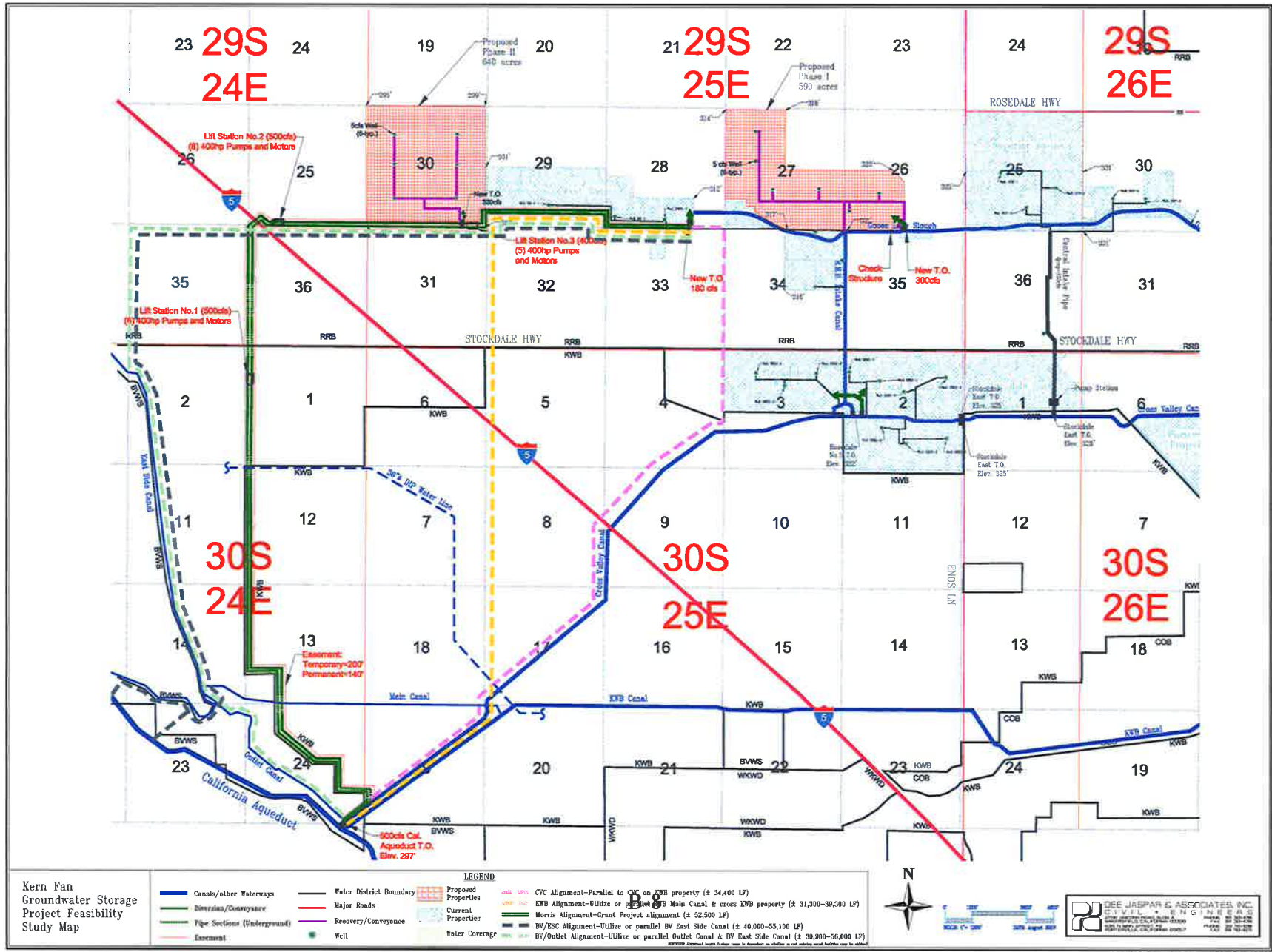
9. DJA will participate in monthly project meetings. DJA will utilize these meetings to update the project participants on the progress of work, to review findings and work completed, and to determine if other items need to be considered.

10. DJA will issue written technical memorandums for each alternative outlining and summarizing the work noted above. Draft Memorandums will be issued to the Project Participants for review and comment and then Final Memorandums issued once review comments have been addressed.

KERN FAN PROJECT

PRE-PROJECT ENGINEERING EVALUATION

MAP OF ALIGNMENT ALTERNATIVES



**Kern Fan
Groundwater Storage
Project Feasibility
Study Map**

LEGEND	
	Canals/other Waterways
	Water District Boundary
	Diversion/Conveyance
	Major Roads
	Pipe Sections (Underground)
	Recovery/Conveyance
	Exemptions
	Well
	Proposed Properties
	Current Properties
	Water Coverage
	CYC Alignment-Parallel to CYC on KWB property (± 34,400 LP)
	KWB Alignment-Utilize or parallel to Main Canal & cross KWB property (± 31,300-39,300 LP)
	Morris Alignment-Grant Project alignment (± 32,500 LP)
	BV/ESC Alignment-Utilize or parallel BV East Side Canal (± 40,000-55,100 LP)
	BV/Outlet Alignment-Utilize or parallel Outlet Canal & BV East Side Canal (± 30,800-56,600 LP)



DR. JASPAR & ASSOCIATES, INC.
 2517 L. ST. # 100
 OAKLAND, CALIFORNIA 94612
 TEL: 415-764-1100
 FAX: 415-764-1101
 WWW.DR.JASPAR.COM

KERN FAN PROJECT

**PRE-PROJECT ENGINEERING EVALUATION
ITEMIZED BUDGET PROPOSAL**

Inline Reach Water District Kern Fan Groundwater Storage Project Additional Engineering Services											
	Principal Engineer	Registered Engineer	Staff Engineer	Surveyor	Survey Crew	Draftsman	Secretary	EPB, Inc.	Weather, Inc.	Miscellaneous	Total
	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Time (hrs)	Estimated Cost (\$)	Estimated Cost (\$)	Estimated Cost (\$)	Estimated Cost (\$)
Task 1. General Engineering Services for Pre-Project Feasibility Work											
A. Attend project meeting, prepare map of alignment alternatives, and prepare meeting minutes	6	10									\$2,604
B. Alignment Evaluation No. 1											
- Site visit and visual investigation of each alignment		4	4								\$1,114
- Prepare preliminary alignment map (plan and profile) utilizing google earth for elevations along each alignment.		2	4			32					\$3,844
- Outline potential issues with each alignment as well as potential benefits	2	10	12								\$3,426
- Prepare preliminary capital cost estimates for each alternative		8	26								\$4,595
- Prepare written memorandum with specific discussion of this alignment.	2	16	8			8					\$4,538
Subtotal:											\$17,517
C. Alignment Evaluation No. 2											
- Site visit and visual investigation of each alignment		4	4								\$1,114
- Prepare preliminary alignment map (plan and profile) utilizing google earth for elevations along each alignment.		2	4			32					\$3,844
- Outline potential issues with each alignment as well as potential benefits	2	10	12								\$3,426
- Prepare preliminary capital cost estimates for each alternative.		8	26								\$4,595
- Prepare written memorandum with specific discussion of this alignment.	2	16	8			8					\$4,538
Subtotal:											\$17,517
D. Alignment Evaluation No. 3											
- Site visit and visual investigation of each alignment		4	4								\$1,114
- Prepare preliminary alignment map (plan and profile) utilizing google earth for elevations along each alignment.		2	4			32					\$3,844
- Outline potential issues with each alignment as well as potential benefits	2	10	12								\$3,426
- Prepare preliminary capital cost estimates for each alternative.		8	26								\$4,595
- Prepare written memorandum with specific discussion of this alignment.	2	16	8			8					\$4,538
Subtotal:											\$17,517
E. Project Meetings and Correspondence with IRWD, RRBWSD, BV, KWBA, KCWA as necessary.	12	16	24								\$8,070
F. Optional Task - Evaluation of Iterations of one or more of the Project Alternatives above. Iterations may consist of evaluating different flow rates, minor alignment revisions, or optional facility components.											
- Prepare preliminary hydraulic modeling for one alignment using Hec-Ras program.	24										\$4,536
- Alignment Iteration No. 1 for change in flow rate, change in alignment, or change in terminus location (recharge facility).	8	24	48			48					\$15,888
- Alignment Iteration No. 2 for change in flow rate, change in alignment, or change in terminus location (recharge facility).	8	24	48			48					\$15,888
- Alignment Iteration No. 3 for change in flow rate, change in alignment, or change in terminus location (recharge facility).	8	24	48			48					\$15,888
Subtotal:											\$52,200
Total Hours Estimated:	78	220	330	0	0	264	0	0	0	0	\$115,425
Total Engineering Estimate:	\$14,742	\$32,340	\$43,395	\$0	\$0	\$24,948	\$0	\$0	\$0	\$0	\$115,425

B-10

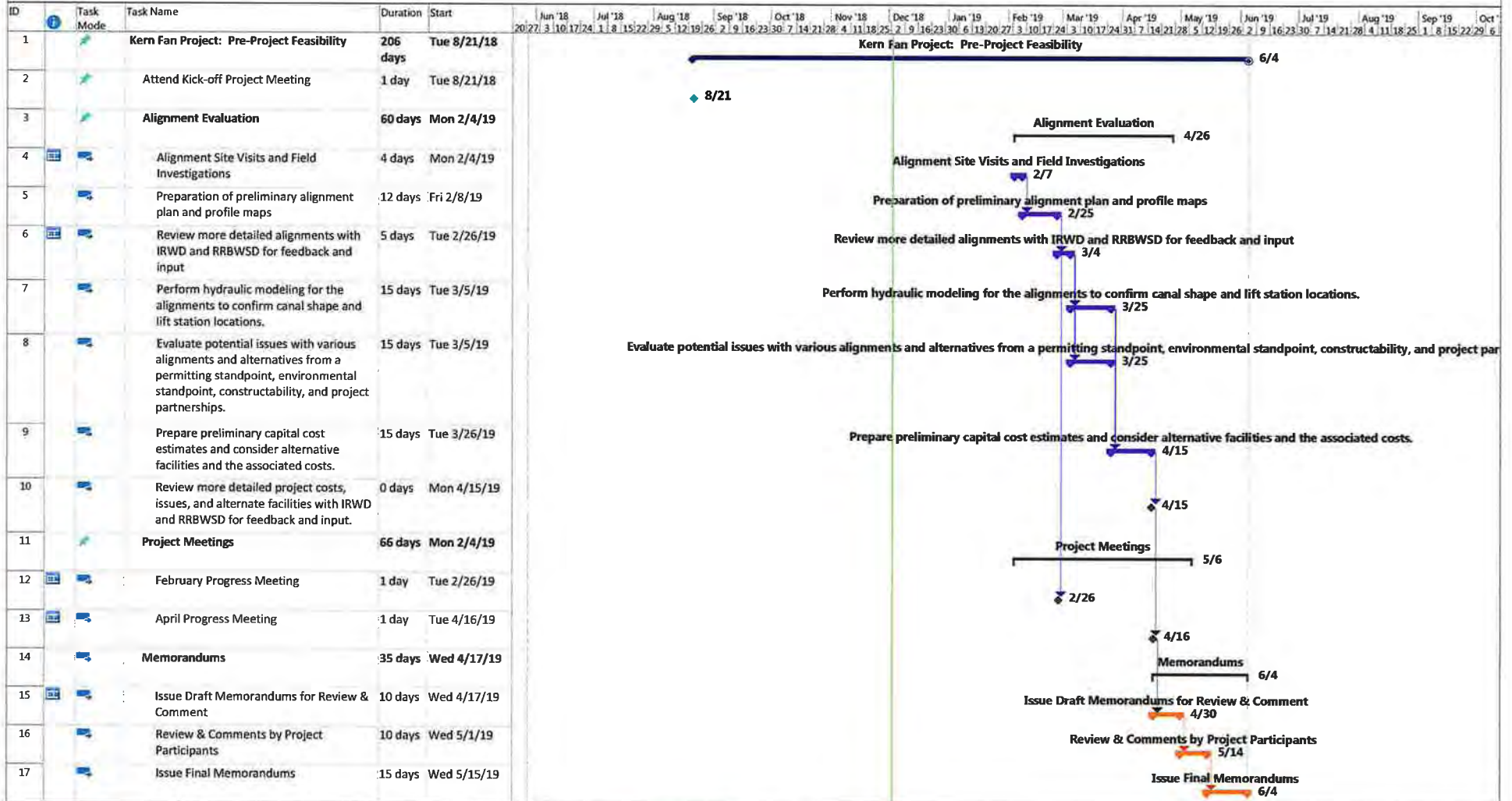
Table 1

KERN FAN PROJECT

PRE-PROJECT ENGINEERING EVALUATION

PROJECT SCHEDULE

Preliminary Schedule-Rev1.mpp



Critical Split	Task Progress	Duration-only	Baseline Split	Summary	External Milestone	Deadline
Critical Progress	Manual Task	Critical	Baseline Milestone	Manual Summary	Inactive Task	Baseline Summary
Task	Start-only	Critical Split	Milestone	Project Summary	Inactive Milestone	
Split	Finish-only	Baseline	Summary Progress	External Tasks	Inactive Summary	

KERN FAN PROJECT

PRE-PROJECT ENGINEERING EVALUATION

2018 RATE SCHEDULE

DEE JASPAR & ASSOCIATES, INC.
Consulting Civil Engineers

2730 Unicorn Road, Building A
BAKERSFIELD, CA 93308
(661)393-4796
FAX (661)393-4799



639 No. Main Street, #B
PORTERVILLE, CA 93257
(559)791-9286
FAX (559)783-9275

Rate Schedule
Effective January 1, 2018

Engineering

Principal Engineer	\$ 189.00 Per Hour
Expert Witness Work – Principal Engineer	\$ 273.00 Per Hour
Senior Engineer I	\$ 147.00 Per Hour
Senior Engineer II	\$ 131.50 Per Hour
Staff Engineer I	\$ 115.50 Per Hour
Staff Engineer II	\$ 105.00 Per Hour
Design CADD Operator	\$ 94.50 Per Hour
CADD Operator	\$ 68.25 Per Hour

Surveying

Private Works	
Surveyor	\$ 115.50 Per Hour
2 Man Survey Crew	\$ 173.25 Per Hour
3 Man Survey Crew	\$ 210.00 Per Hour
Public Works	
Surveyor	\$ 136.50 Per Hour
2 Man Survey Crew	\$ 241.50 Per Hour
3 Man Survey Crew	\$ 315.00 Per Hour

Construction Inspection

Construction Inspector B Private Works	\$ 115.50 Per Hour
Construction Inspector B Public Works	\$ 147.00 Per Hour

Project Planning

Project Planner	\$ 115.50 Per Hour
Assistant Project Planner	\$ 78.75 Per Hour

Clerical

Executive Assistant I	\$ 73.50 Per Hour
Executive Assistant II	\$ 68.25
Per Hour	

Additional Fees

Mileage	\$.54 Per Mile
Black & White Copies	\$.08 Per Copy
Color Copies	\$.15 Per Copy
Plotter Prints	\$ 3.50 Per Print
Materials	Cost + 10%
Fees/Permits	Cost + 10%
Subsistence	Cost + 10%
GPS (Global Positioning System, Surveying Equipment)	\$ 200.00 Per Day
GPS (Global Positioning System, Surveying Equipment)	\$ 100.00 Per ½ Day

- Overtime is paid at time and a half
- Mileage and subsistence will not exceed the County Rates and will not be marked up