

MINUTES OF THE ADJOURNED MEETING OF THE
BOARD OF DIRECTORS OF
VISTA IRRIGATION DISTRICT

March 16, 2022

An Adjourned Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, March 16, 2022, at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

President Miller, who was in attendance by teleconference from 13 Pumphouse Road, Garden Valley, Idaho 83622, requested that Director Sanchez conduct the meeting on his behalf; Director Sanchez called the meeting to order at 9:00 a.m.

2. ROLL CALL

Directors present: Vásquez, Sanchez, MacKenzie, and Miller (via teleconference).

Directors absent: Dorey.

Staff present: Brett Hodgkiss, General Manager; Lisa Soto, Secretary of the Board; Don Smith, Director of Water Resources; Randy Whitmann, Director of Engineering; Frank Wolinski, Director of Operations and Field Services; Ross Miles, GIS Systems Associate; Marlene Kelleher, Director of Administration; and Ramae Ogilvie, Administrative Assistant. General Counsel Elizabeth Mitchell of Burke, Williams & Sorensen was also present.

Other attendees: Barbara Kus of the United States Geological Survey (USGS); and Adam Eidson of the Cleveland National Forest (CNF).

3. PLEDGE OF ALLEGIANCE

Director Sanchez led the pledge of allegiance.

4. APPROVAL OF AGENDA

22-03-28 *Upon motion by Director Vásquez, seconded by Director MacKenzie and unanimously carried (4 ayes: Vásquez, Sanchez, MacKenzie and Miller; 1 absent: Dorey), the Board of Directors approved the agenda as presented.*

5. ORAL COMMUNICATIONS

No public comments were presented on items not appearing on the agenda.

6. CONSENT CALENDAR

22-03-29 *Upon motion by Director Vásquez, seconded by Director MacKenzie and unanimously carried (4 ayes: Vásquez, Sanchez, MacKenzie and Miller; 1 absent: Dorey), the Board of Directors approved the Consent Calendar, including Resolution No. 22-14 approving disbursements.*

A. Encroachment Permit and Acceptance of Water System

See staff report attached hereto. Staff recommended and the Board approved Encroachment Permit (132) and accepted the water system for a 56-unit detached condominium development, known as Arroyo Vista, consisting of approximately 8.39 gross acres owned by Meritage Homes of California, Inc., located at Sycamore Avenue and Watson Way, Vista (P17-0361; LN 2018-006; I-3087; APNs 217-024-01, -02, -03, -04, -05 and -06; DIV NO 5).

B. Waterline Project Approval

See staff report attached hereto. Staff recommended and the Board approved the waterline project for a 19-lot single-family residential development known as Stonemark Estates, consisting of approximately 25.77 gross acres owned by Stonemark Place Partners, LLC, located along Buena Vista Drive, Vista (LN 2015-029; APNs 169-200-24 to 43; County of San Diego TM 5479; DIV NO 4).

C. Minutes of Board of Directors meeting on March 2, 2022

The minutes of March 2, 2022 were approved as presented.

D. Resolution ratifying check disbursements

RESOLUTION NO. 22-14

BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 68852 through 68960 drawn on Union Bank totaling \$281,112.65.

FURTHER RESOLVED that the Board of Directors does hereby authorize the execution of the checks by the appropriate officers of the District.

PASSED AND ADOPTED unanimously by a roll call vote of the Board of Directors of Vista Irrigation District this 16th day of March 2022.

7. PROPOSAL TO ADJUST DIVISION BOUNDARIES

See staff report attached hereto.

Director Sanchez opened the public hearing at 9:04 a.m. Director of Administration Marlene Kelleher presented an overview of the item stating that this is the second of two public hearing on the proposal to adjust division boundaries of the District. She stated that the redistricting process is required after each federal decennial census; using the census as a basis, the boundaries of divisions must be adjusted so that divisions are, as far as practicable, equal in population. It was noted that there were no members of the public present in person or telephonically and that no comments were received from members of the public in writing, by telephone or by email prior to the public hearing. Mr. Hodgkiss stated that the District issued a news release prior to each public hearing on the proposal to adjust division boundaries. General Counsel Elizabeth Mitchell added that both public hearings were advertised as legal notices in the local newspaper.

22-03-30 *Upon motion by Director MacKenzie, seconded by Director Vásquez and unanimously carried (4 ayes: Vásquez, Sanchez, MacKenzie and Miller; 1 absent: Dorey), the Board of Directors closed the public hearing at 9:10 a.m.*

22-03-31 *Upon motion by Director MacKenzie, seconded by Director Vásquez, the Board of Directors adopted Resolution 22-15 adjusting the boundaries of Divisions within Vista Irrigation District as proposed on the map and directed the Secretary of the Board to file the map showing adjusted division boundaries with the County of San Diego Registrar of Voters, by the following roll call vote:*

*AYES: Directors Miller, Vásquez, MacKenzie, and Sanchez
NOES: None
ABSTAIN: None
ABSENT: Director Dorey*

A copy of Resolution 22-15 is on file in the official Resolution Book of the District.

Director Sanchez and the Board thanked Ms. Kelleher and GIS Systems Associate Ross Miles for their hard work and diligence on this matter. Ms. Kelleher thanked Mr. Miles for his efforts.

8. SOUTHWESTERN WILLOW FLYCATCH

See staff report attached hereto.

United States Geological Survey (USGS) Research Ecologist Barbara Kus presented via a PowerPoint presentation (attached hereto as Exhibit A) the results of field surveys conducted by the USGS for the endangered southwestern willow flycatchers (SWFL) on District land. She provided clarification regarding the 33 survey locations in San Diego County, stating that 99 percent of the SWFL were found along the San Luis Rey River, and 90 percent were on District land. Ms. Kus noted that nest success declined from 2016 to 2019 with predation and increased brood parasitism by brown-headed cowbirds (BHCO) contributing factors.

Cleveland National Forest (CNF) Wildlife Biologist Adam Eidson provided information via a PowerPoint presentation (attached hereto as Exhibit B) regarding proposed BHCO control activities to be performed on District land. Director Sanchez requested that CNF staff keep the District apprised of the progress of control activities.

22-03-32 *Upon motion by Director Vásquez, seconded by Director MacKenzie and unanimously carried (4 ayes: Vásquez, Sanchez, MacKenzie and Miller; 1 absent: Dorey), the Board of Directors authorized the issuance of a permit to allow access by CNF personnel onto District land for the purpose of conducting brown-headed cowbird control activities.*

9. MATTERS PERTAINING TO THE ACTIVITIES OF THE SAN DIEGO COUNTY WATER AUTHORITY

See staff report attached hereto.

President Miller reported that there had not be a meeting of the San Diego County Water Authority (Water Authority) Board of Directors since his last report. He reported on a recent opinion piece in a local publication authored by the Board Presidents of the Rainbow Municipal Water District and Fallbrook Public Utility District regarding future Water Authority rate increases; information contained in the opinion piece was rebutted in an opposing opinion written by the Assistant General Manager of the Water Authority.

General Manager Brett Hodgkiss reported on the Member Agencies Managers meeting he attended virtually the previous day in which the Water Authority's rate redesign process and preliminary schedule were discussed. He indicated that it is anticipated that the new rate design would be used in 2023 to set rates for calendar year 2024. Director Sanchez commented on the importance of the District being involved in this important process.

10. MEETINGS AND EVENTS

See staff report attached hereto.

Director MacKenzie reported on her virtual attendance of the Association of California Water Agencies (ACWA) Legislative Symposium in which a panel of legislators discussed drought and resilience.

Director Vásquez reported on his attendance at the recent virtual meeting of the Council of Water Utilities in which Alex Tardy of the National Oceanic & Atmospheric Administration talked about extreme weather events and their impacts on droughts.

11. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

See staff report attached hereto.

Mr. Hodgkiss stated that Director David Drake of Rincon del Diablo Municipal Water District and ACWA Joint Powers Insurance Authority (JPIA) Board member would be in attendance at the April 6, 2022 Board meeting to present the District with a refund check from ACWA JPIA.

12. COMMENTS BY DIRECTORS

Director Vásquez commented that the Urban Water Institute has announced its Annual Water Conference, which will take place in San Diego, August 24-26, 2022.

Director MacKenzie mentioned an ACWA Outreach Alert she received regarding the coalition supporting ACWA-sponsored Assembly Bill 2142 to reinstate the California personal income tax exemption for turf replacement rebates.

13. COMMENTS BY GENERAL COUNSEL

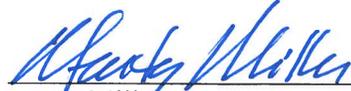
General Counsel Elizabeth Mitchell informed the Board about drinking water regulations being drafted by the State Water Resources Control Board (SWRCB) for 2022 and beyond as well as the SWRCB's development of criteria for direct potable water reuse and the impending release of new recycled water regulations in late 2022.

14. COMMENTS BY GENERAL MANAGER

Mr. Hodgkiss informed the Board that the water level at Lake Henshaw was currently just under 4,200 acre-feet.

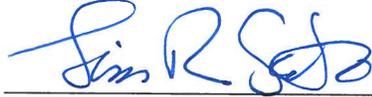
15. ADJOURNMENT

There being no further business to come before the Board, at 10:39 a.m., Director Sanchez adjourned the meeting.



Marty Miller, President

ATTEST:



Lisa R. Soto, Secretary
Board of Directors
VISTA IRRIGATION DISTRICT



STAFF REPORT

Agenda Item: 6.A

Board Meeting Date:	March 16, 2022
Prepared By:	Robert Scholl
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: ENCROACHMENT PERMIT AND ACCEPTANCE OF WATER SYSTEM

RECOMMENDATION: Approve Encroachment Permit (132) and accept this water system for a 56-unit detached condominium development, known as Arroyo Vista, consisting of approximately 8.39 gross acres owned by Meritage Homes of California, Inc., located at Sycamore Avenue and Watson Way, Vista (P17-0361; LN 2018-006; I-3087; APNs 217-024-01, -02, -03, -04, -05 and -06; DIV NO 5).

PRIOR BOARD ACTION: On February 18, 2020, the Board approved this waterline project. On March 18, 2020, the Board accepted Grant of Right of Way (M131) via City of Vista Tract Map P17-0361.

FISCAL IMPACT: None.

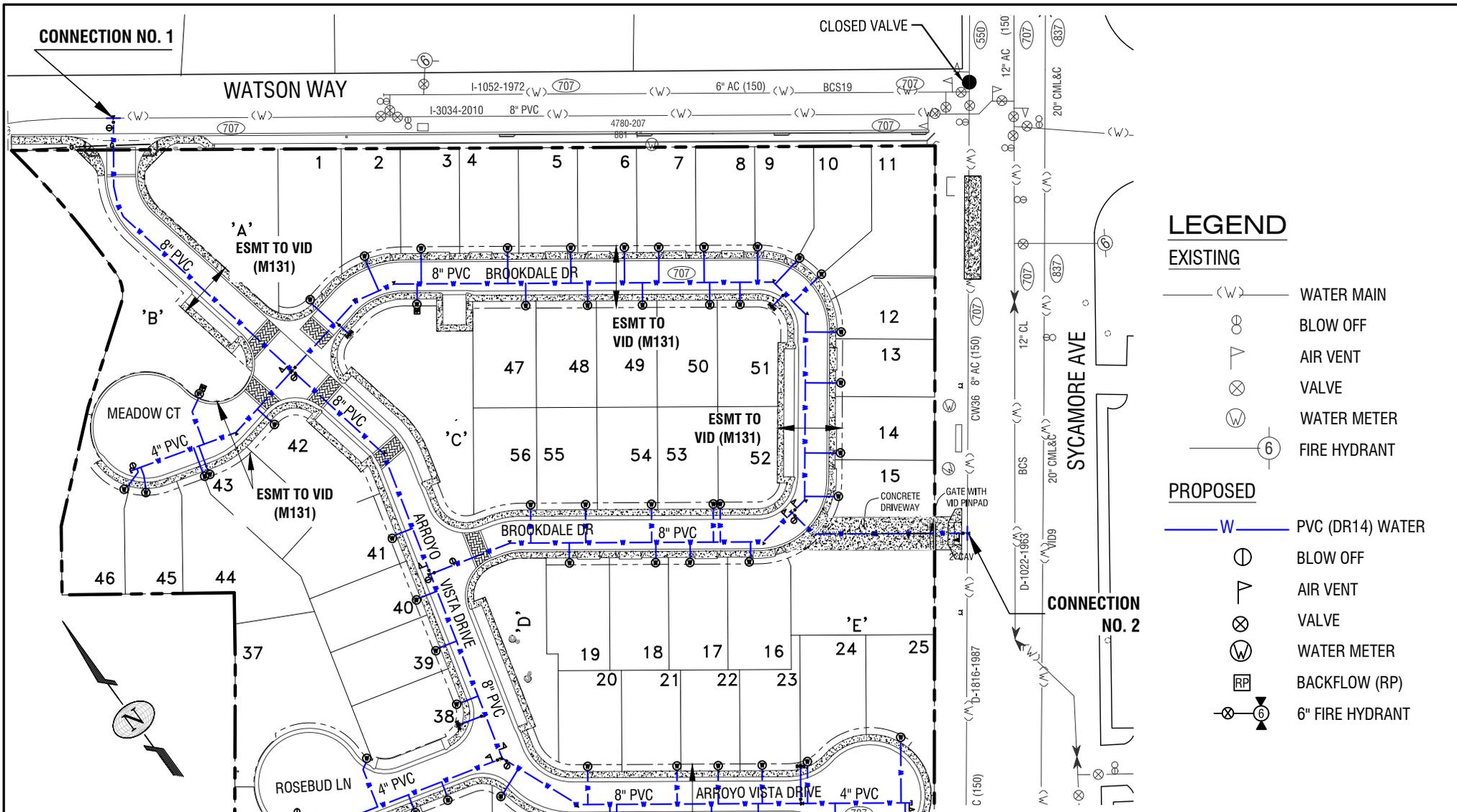
SUMMARY: With approval of Encroachment Permit (132), the water system will be ready for acceptance by the Board and allow the Notice of Acceptance to be filed with the County Recorder.

DETAILED REPORT: All work required by the construction agreement (I-3087) has been completed. Under District inspection, the owner's contractor installed approximately 1,771 feet of 8-inch waterline, 385 feet of 4-inch waterline, four 6-inch fire hydrants, miscellaneous appurtenances, and made the necessary connections. The owner has paid for 57 3/4-inch water meters, one 1 1/2-inch irrigation meter, and installed all necessary backflow devices.

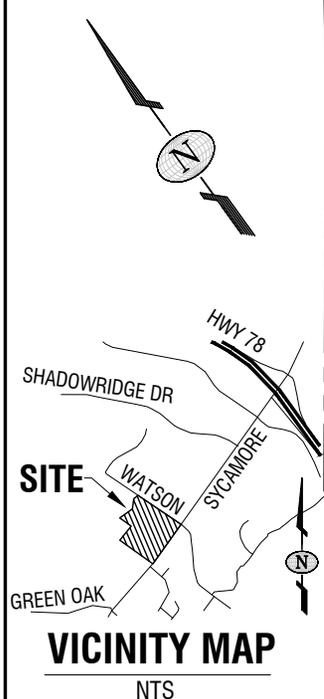
The owner, Meritage Homes of California, Inc., installed decorative pavers and concrete sidewalks and driveways within portions of Specific Easement (M131). Approval of Encroachment Permit (132) will allow the District to accept the water system; in accordance with said permit, any costs to replace the new decorative pavers or concrete sidewalks and driveways as the result of a District water main repair will be borne by the permittee.

This project will be completed with the recording of Encroachment Permit (132) and filing of the Notice of Acceptance with the County Recorder.

ATTACHMENT: Map



- LEGEND**
- EXISTING**
- (W) WATER MAIN
 - ⊗ BLOW OFF
 - ▽ AIR VENT
 - ⊗ VALVE
 - ⊗ WATER METER
 - ⊕ FIRE HYDRANT
- PROPOSED**
- W — PVC (DR14) WATER
 - ⊕ BLOW OFF
 - ▽ AIR VENT
 - ⊗ VALVE
 - ⊗ WATER METER
 - RF BACKFLOW (RP)
 - ⊕ 6" FIRE HYDRANT



DEVELOPER:
MERITAGE HOMES OF CAL. INC.
5 PETERS CANYON ROAD, STE. 310
IRVINE, CA 92606

ENGINEER:
PASCO LARET SUITER & ASSOCIATES
535 N. HIGHWAY 101, SUITE A
SOLANA BEACH, CA 92075

VISTA IRRIGATION DISTRICT
NOTICE OF ACCEPTANCE
ARROYO VISTA
SYCAMORE & WATSON (P17-0361)

APN 217-024-01, -02, -03, -04, -05 and -06		T.B. 1108 B5
SCALE: NO SCALE		L.N. 2018-006
APPD. BY RS	DATE 3/8/2022	W.O. I-3087
DRAWN BY JB	DATE 2/3/2022	
SHEET 1 of 1	MAP H21	
REVISED 3/8/22 Jeanette Bradshaw		
Z:\ENGINEERING\JOBS\I-JOBS\I3087_ARROYO SYC WATSON\I3087-ARROYO-XREFS		



STAFF REPORT

Agenda Item: 6.B

Board Meeting Date:	March 16, 2022
Prepared By:	Robert Scholl
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: WATERLINE PROJECT APPROVAL

RECOMMENDATION: Approve this waterline project for a 19-lot single-family residential development known as Stonemark Estates, consisting of approximately 25.77 gross acres owned by Stonemark Place Partners, LLC, located along Buena Vista Drive, Vista (LN 2015-029; APNs 169-200-24 to 43; County of San Diego TM 5479; DIV NO 4).

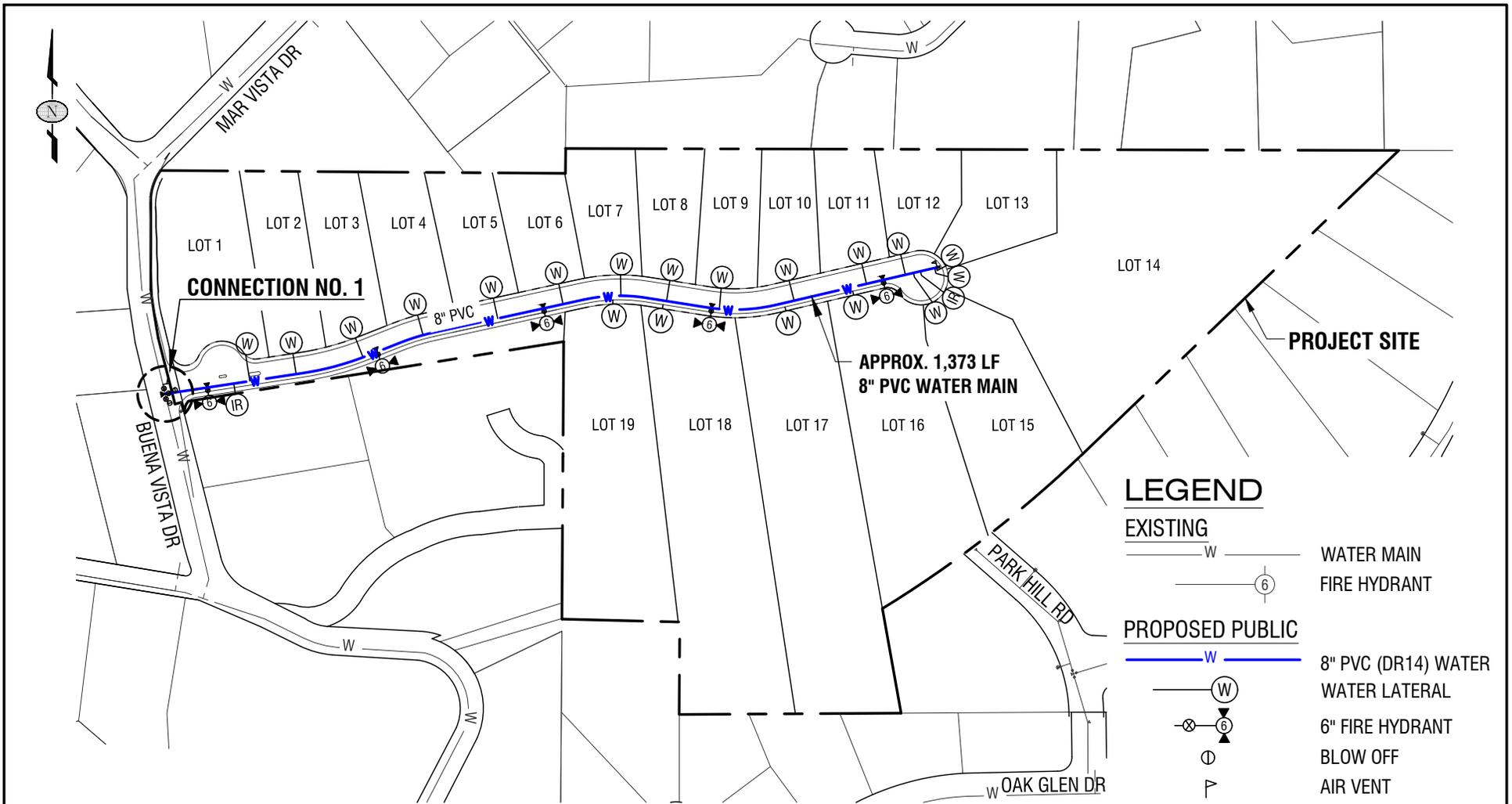
PRIOR BOARD ACTION: On June 21, 2017, the District approved this waterline project, accepted Grant of Right of Way (P81) and approved Joint Use Agreement via County of San Diego Tract No. 5479-1.

FISCAL IMPACT: None.

SUMMARY: Since project approval in 2017, the development has switched ownership and annexed into the City of Vista. The new owner, Stonemark Place Partners, LLC, is in the process of continuing with this 19-lot subdivision (APNs 169-200-24 to 43), and the District signed the waterline improvement plans on March 8, 2022. Under District inspection, the owner's contractor will install approximately 1,373 feet of 8-inch waterline, 19 3/4-inch domestic meters, two 1 1/2-inch irrigation meters, five 6-inch fire services, miscellaneous appurtenances, and make connections as approved on the plans. The owner will also submit applications and pay the necessary fees to the District for the water meters.

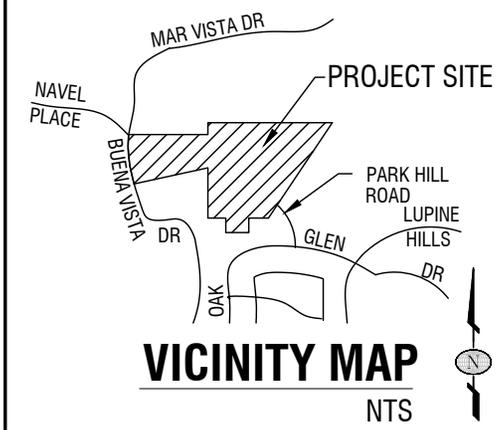
Approval of this waterline project will allow the General Manager to execute a construction agreement with the owner to proceed with the development of the project.

ATTACHMENT: Map



LEGEND

- EXISTING**
- W — WATER MAIN
 - ⊕ 6 ⊖ FIRE HYDRANT
- PROPOSED PUBLIC**
- W — 8" PVC (DR14) WATER MAIN
 - ⊕ W ⊖ WATER LATERAL
 - ⊕ 6 ⊖ 6" FIRE HYDRANT
 - ⊖ BLOW OFF
 - ∇ AIR VENT
 - ⊗ VALVE



ENGINEER:
 BHA Inc.
 5115 AVENIDA ENCINAS, SUITE L
 CARLSBAD, CA 92008
 760-931-8700

OWNER:
 STONEMARK PLACE PARTNERS, LLC
 18029 CALLE AMBIENTE, SUITE 500
 RANCHO SANTA FE, CA 92091
 858-779-9103
 CONTACT: DAN HAYDEN, PE

VISTA IRRIGATION DISTRICT		
WATERLINE PROJECT APPROVAL		
STONEMARK ESTATES		
APN 169-200-24 TO 43		T.B.
SCALE: NONE		L.N. 2015-029
APPD. BY RS	DATE 3/08/22	W.O.
DRAWN BY JS	DATE 2/22/22	
SHEET 1 of 1	MAP E18	
REVISED: 3/8/22 Jose Sanchez		
Z:\Engineering\JOBS\LN-Jobs\LN2015\In2015-029 Stonemark Estates\Resubmittal 2021\QC\LN2015-029 Stonemark.dwg		



Cash Disbursement Report

Payment Dates 2/17/2022 - 3/2/2022

Payment Number	Payment Date	Vendor	Description	Amount
68852 - 68854	02/23/2022	Refund Checks 68852 - 68854	Customer Refunds	1,656.85
68855	02/23/2022	Refund Check 68855	Customer Refund	200.96
68856	02/23/2022	Amazon Capital Services	Storage Cabinet	448.79
	02/23/2022		Tree Felling Wedges	37.70
68857	02/23/2022	Asbury Environmental Services	Used Non-Metal Filters Disposal	85.00
	02/23/2022		Used Metal Oil Filters Disposal	55.00
68858	02/23/2022	BHA Inc	Annual Survey of Henshaw Dam	4,237.50
68859	02/23/2022	CDW Government Inc	Fortigate Access Point	387.74
	02/23/2022		Displayport Cables	77.06
68860	02/23/2022	Cecilia's Safety Service Inc	Traffic Control - Mira Sol Dr	1,615.00
	02/23/2022		Traffic Control - Monique Court/Oak Dr	8,360.00
	02/23/2022		Traffic Control - Phillips St	1,710.00
68861	02/23/2022	City of Oceanside	Weese Treatment 01/2022	40,731.24
68862	02/23/2022	CleanCapital HC4 Borrower LLC	Solar Energy Use 01/2022	4,070.72
68863	02/23/2022	Coastal Chlorination & Backflow	Chlorination of Main - Oak Drive	400.00
	02/23/2022		Chlorination of Main - Mira Sol Dr	436.00
68864	02/23/2022	Core & Main	Gate Valve 10" FL R/W (2)	3,156.57
	02/23/2022		Valve Box Lid (1)	31.91
68865	02/23/2022	CoreLogic Solutions Inc	Real Quest Online Services 01/2022	448.71
68866	02/23/2022	County of San Diego	Haz Mat Fee/Permit 03/31/22 - 03/31/23	1,556.00
68867	02/23/2022	County of San Diego	Permit Fees 01/2022	3,278.00
68868	02/23/2022	Craneworks Southwest Inc	Crane Inspection Log Books (5)	72.30
68869	02/23/2022	Diamond Environmental Services	Portable Restroom Service	126.03
	02/23/2022		Portable Restroom Service	85.69
68870	02/23/2022	Streamline	Website Support, Maintenance & Hosting	300.00
68871	02/23/2022	Direct Energy	Electric 01/2022	1,836.92
68872	02/23/2022	EDCO Waste & Recycling Services Inc	40 yd Trash Dumpster	1,073.19
68873	02/23/2022	ESRI Inc	ESRI Annual Maintenance and Renewal	13,800.00
68874	02/23/2022	Evoqua Water Technologies LLC	DI Bottle Rental	341.90
68875	02/23/2022	Ferguson Waterworks	14" Flange x P.O. Gate Valve (RWGV) (2)	15,221.27
	02/23/2022		Bushing 1.25" x 1' PVC Sch 40 (10)	9.74
	02/23/2022		Coupling 1" CTSxCTS (5)	103.43
	02/23/2022		Wire 10 Copper (1500)	519.60
	02/23/2022		Pipe 6" CMLC #10 Steel (20)	880.07

Payment Number	Payment Date	Vendor	Description	Amount
	02/23/2022		Angle Ball Meter Valve 2" FLG X FIP DD Lockwing (4)	1,126.23
	02/23/2022		Ell 12" DI PO 45 Degree (1)	443.77
	02/23/2022		Flange 6" SOW 6-hole (6)	284.16
	02/23/2022		Angle Ball Mtr Valve 1"Flare Swl Mtr Nut Lockwing (20)	2,310.92
	02/23/2022		Clamp 1x3 Repair Full Circle Copper Romac (4)	145.06
	02/23/2022		Service Saddle 12x2 PVC (2)	484.72
	02/23/2022		Wire 10 Copper (2000)	692.80
	02/23/2022		Clamp 6x12 Repair Full Circle SS Romac (1)	258.72
	02/23/2022		Tee 10" DI Flange (1)	663.01
	02/23/2022		Wire 10 Copper (1000)	346.40
	02/23/2022		Corp Stop 1" MIP X Flare (1)	61.14
	02/23/2022		Coupling 1.25 x 1 Female Flare X Super Grip (10)	202.10
	02/23/2022		Ball Valve .75" FIP x FIP with handle PSI 150 (3)	161.95
	02/23/2022		Fire Hydrant Spool 6x6 DI (2)	259.80
	02/23/2022		Angle Ball Mtr Valve 1.5"FLG X FIP DD & Lockwing (3)	715.88
	02/23/2022		3/4" x 1" Meter Bushing (20)	304.18
68876	02/23/2022	Fountain Car Wash	Wash Tokens (600)	540.00
68877	02/23/2022	Hawthorne Machinery Co	Fuel Primer Pump - Truck 22	136.77
	02/23/2022		Cutting Edge, Hardware - B16	246.84
	02/23/2022		Battery - B18	208.73
68878	02/23/2022	Hello Deli	Lunch 02/14/22 (2) - New Hire Orientation	28.30
68879	02/23/2022	Hi-Line Inc	Hardware	67.56
68880	02/23/2022	Jan-Pro of San Diego	Janitorial Service 02/2022	4,497.00
	02/23/2022		Janitorial Service - COVID 19	1,280.00
68881	02/23/2022	Ken Grody Ford Carlsbad	Coolant Reservoir, Cap - Truck 65	117.08
	02/23/2022		Windshield Washer Pump - Truck 45	27.92
68882	02/23/2022	Lawnmowers Plus Inc	Recoil Starter for Leaf Blower	80.80
68883	02/23/2022	Liebert Cassidy Whitmore	Legal 01/2022	390.00
	02/23/2022		Webinar	75.00
68884	02/23/2022	Lightning Messenger Express	Messenger Service 01/28/22	61.50
68885	02/23/2022	Major League Pest	Monthly Pest Control	225.00
68886	02/23/2022	Moodys	Dump Fees (3)	900.00
68887	02/23/2022	MRC, Smart Technology Solutions	Manage Print Services	529.34
68888	02/23/2022	NAPA Auto Parts	Belts for Concrete Saw	46.53
	02/23/2022		Filters (3)	68.91
68889	02/23/2022	North County Auto Parts	Wiper Blades	106.65
68890	02/23/2022	O'Reilly Auto Parts	Starter - Truck 67	(257.62)
	02/23/2022		Fuel Pump - Truck 79	171.11
	02/23/2022		Battery - Truck 41	202.05

Payment Number	Payment Date	Vendor	Description	Amount
	02/23/2022		Battery Core - Truck 41	(22.00)
	02/23/2022		Battery - T6	148.50
	02/23/2022		7-Pole Trailer Cord Connector	42.30
	02/23/2022		Battery Core - T6	(22.00)
	02/23/2022		Air Fresheners	37.83
68891	02/23/2022	Pacific Pipeline Supply	End Cap (1)	175.02
68892	02/23/2022	Plateau Pest Solutions Inc	Bee & Hive Removal	75.00
68893	02/23/2022	Ramco Petroleum	Fuel 01/2022	1,674.60
68894	02/23/2022	Raymond Handling Solutions Inc	Scheduled Maintenance - F3	98.00
68895	02/23/2022	RouseSign and Graphics Inc	Name Plates (2)	103.92
68896	02/23/2022	Volvo Construction Equipment & Services	Window Glass - E2	325.02
68897	02/23/2022	San Diego Friction Products	Air Seat - Truck 22	628.01
	02/23/2022		U-Joints - Truck 22	243.69
	02/23/2022		Mud Flaps (4)	65.04
68898	02/23/2022	San Diego Gas & Electric	Electric 01/2022 - Cathodic Protection & T&D	268.86
	02/23/2022		Electric 01/2022 - Reservoirs	272.16
	02/23/2022		Electric 01/2022 - Pump Stations	10,335.82
	02/23/2022		Electric 01/2022 - Plants	110.28
68899	02/23/2022	Santa Fe Car Wash	Car Washes (25)	275.00
68900	02/23/2022	Shucri Yaghi	Temporary Property Usage 9/21/21 - 2/21/22	1,250.00
68901	02/23/2022	Siemens Industry Inc	Siemens HydroRanger 200 HMI (1)	1,985.31
68902	02/23/2022	SiteOne Landscape Supply, LLC	Herbicides	130.90
68903	02/23/2022	Shred-it	Shredding Service	147.83
68904	02/23/2022	Sunbelt Rentals	Tree Trimming Equipment Rental	1,661.32
	02/23/2022		Concrete	358.80
	02/23/2022		Concrete	354.05
68905	02/23/2022	Bend Genetics, LLC	HABs Lab Analysis	2,620.00
68906	02/23/2022	Tyler Technologies Inc	Maintenance 03/2022 - 02/2023	668.54
68907	02/23/2022	Underground Service Alert of Southern California	New DigAlert Tickets (280)	472.00
	02/23/2022		Safe Excavation Board Fees	131.88
68908	02/23/2022	UniFirst Corporation	Uniform Service	386.98
68909	02/23/2022	Vinje & Middleton Engineering Inc	Soil Testing - Mira Sol	460.00
68910	02/23/2022	Vista Brake & Smog	Tire (1) - VE2	220.36
	02/23/2022		Tires (3) - T11	556.85
68911	02/23/2022	Vista Paint Corporation	Paint - Lupine Hills Reservoir	425.27
	02/23/2022		Paint - Lupine Hills Reservoir	212.64
	02/23/2022		Paint - Lupine Hills Reservoir	392.99
68912	02/23/2022	Vista Printing	No Parking Signs 12"Wx18" - No Bleed (250)	116.70
68913	02/23/2022	Water District Jobs	Recruitment Advertising	290.00

Payment Number	Payment Date	Vendor	Description	Amount
68914	02/23/2022	PacketWatch	Forensic Email Investigation	5,900.00
68915	02/23/2022	WM LampTracker Inc	Battery Disposal	139.00
68916	03/02/2022	Refund Check 68916	Customer Refund	81.99
68917 - 68918	03/02/2022	Refund Checks 68917 - 68918	Customer Refunds	802.56
68919	03/02/2022	Refund Check 68919	Customer Refund	2,477.83
68920	03/02/2022	A-1 Irrigation, Inc	Barb Wire - Well Fencing Project	1,293.00
	03/02/2022		T-Posts for Fencing	1,721.85
68921	03/02/2022	Airgas USA LLC	Parts for Oxygen/Acetylene Torches- Truck 65	276.03
68922	03/02/2022	AC Plumbing	Meter Tie-Backs - Mira Sol Dr	6,300.00
68923	03/02/2022	Amazon Capital Services	Poly Crimper Tool	341.23
	03/02/2022		Truck Ramp	953.38
	03/02/2022		Fire Panel Sign	19.42
	03/02/2022		Key Fobs, Magnetic Panels, Floor Mats	233.46
	03/02/2022		Warehouse Supplies	206.79
	03/02/2022		Magnetic Panels for Tool Boxes	28.94
	03/02/2022		Rhino T Post Pounder Inserts	103.11
68924	03/02/2022	BAVCO	Backflow	718.88
68925	03/02/2022	Brian True	Reimburse - CSMFO Conference	114.00
68926	03/02/2022	Burke, Williams & Sorensen, LLP	Legal 01/2022	264.00
68927	03/02/2022	Cecilia's Safety Service Inc	Traffic Control - Osborne St	1,520.00
	03/02/2022		Traffic Control - Monique Court/Oak Drive	11,922.50
	03/02/2022		Traffic Control - Mira Sol Drive	380.00
	03/02/2022		Traffic Control - Indian Rock Rd	1,330.00
68928	03/02/2022	Citi Cards	Pro Chuck Tube	121.14
	03/02/2022		eSignature Subscription Renewal	300.00
	03/02/2022		Dog Biscuits	27.91
	03/02/2022		Kitchen & Restroom Supplies	595.35
	03/02/2022		Kitchen & Restroom Supplies	825.10
	03/02/2022		Kitchen & Restroom Supplies	91.88
	03/02/2022		Microsoft Basic Online 365 Licenses	18.00
	03/02/2022		GFI FaxMaker Online Service	12.75
	03/02/2022		One Drive Online Service	15.00
	03/02/2022		Microsoft Multi-factor Authentication Service	6.00
	03/02/2022		Redistricting Maps Printing	96.98
	03/02/2022		Redistricting Maps Printing	58.19
	03/02/2022		Redistricting Maps Printing	84.05
	03/02/2022		Employment Advertising - Engineering Specialist	200.00
	03/02/2022		Employment Advertising - Construction Worker	200.00
	03/02/2022		Refreshment for Boardroom/Training	206.85

Payment Number	Payment Date	Vendor	Description	Amount
	03/02/2022		Vista State of the Community Luncheon - M Miller	75.00
	03/02/2022		Vista State of the Community Luncheon - J MacKenzie	75.00
	03/02/2022		Urban Water Conference (Virtual) - R Vasquez	250.00
	03/02/2022		Urban Water Conference (Virtual) - P Sanchez	250.00
	03/02/2022		Vista State of the Community Luncheon - B Hodgkiss	75.00
	03/02/2022		Cloud Base Phone System - COVID 19	24.16
68929	03/02/2022	Core & Main	Adapter 2" Copper x MIP (20)	411.35
	03/02/2022		Tubing 1" Copper Soft 60' (300)	2,630.48
	03/02/2022		Fire Hydrant 6" Break Off Spool LB400 (6)	1,493.85
	03/02/2022		Fire Hydrant Rod 15"x.5" Break Off Stainless Steel (4)	285.78
	03/02/2022		Gate Valve 3" R/S DI Flange (1)	540.76
	03/02/2022		Coupling 6" Deflection C900 (6)	271.82
	03/02/2022		Angle Ball Valve 2" FNPT X MNPT (CurbStop) (4)	1,359.62
	03/02/2022		Service Saddle 6x1 Brass AC (1)	129.36
	03/02/2022		Nut Bolt Gasket Kit 6"-8" (6" gasket) 3/4 x 3 1/4 (20)	216.49
	03/02/2022		18" Nut & Bolt Kit (1), Gaskets (2)	96.54
	03/02/2022		8" X1' Flg Spool (1)	285.88
68930	03/02/2022	Electrical Sales Inc	Electrical Conduit Parts	38.29
68931	03/02/2022	FedEx	Express Shipping	56.12
68932	03/02/2022	Ferguson Waterworks	Zinc Anode Bar 15lb (5)	490.21
68933	03/02/2022	Grainger	Water Filter for Hydration Station	105.66
68934	03/02/2022	Hawthorne Machinery Co	Control Handle - B16	100.62
	03/02/2022		Bucket Teeth - B21	175.22
	03/02/2022		Gear Housing Plate, O-Rings - B20	110.64
	03/02/2022		Hydraulic Fluid	215.78
68935	03/02/2022	Hello Deli	Lunch 02/28/22 (6) - New Hire Orientation	75.56
68936	03/02/2022	InfoSend Inc	Data Processing/Mailing Service 01/2022	5,114.74
	03/02/2022		Backflow Notices	134.51
	03/02/2022		Storage & Support Fee 01/2022	1,593.99
68937	03/02/2022	J & R Concrete Products, Inc	Precast Concrete Top Slab - Rees Road	11,583.13
68938	03/02/2022	J&S Asphalt Paving, Sealing & Striping Co., Inc	Asphalt Pavement Markings - VID Headquarters	2,985.00
68939	03/02/2022	Joe's Paving	Patch Paving	3,923.00
68940	03/02/2022	Lawnmowers Plus Inc	Weed Whip String	180.33
68941	03/02/2022	Leon Perrault Trucking & Materials	Trucking & Material 01/2022	27,983.25
68942	03/02/2022	Lightning Messenger Express	Messenger Service 02/11/22	61.50
68943	03/02/2022	Mutual of Omaha	LTD/STD/Life Insurance 03/2022	6,311.98
68944	03/02/2022	NAPA Auto Parts	Fan Clutch - Truck 73	(66.56)
	03/02/2022		Filters (2) - Truck 22	25.27
	03/02/2022		Filter - Truck 20	6.00

Payment Number	Payment Date	Vendor	Description	Amount
	03/02/2022		Filters	30.87
	03/02/2022		Sanding Wheels	16.76
	03/02/2022		Filters	49.57
	03/02/2022		Filters, Mirrors	118.05
68945	03/02/2022	North County Auto Parts	Running Lamp, Oil	68.34
	03/02/2022		Blower Resistor	(21.51)
68946	03/02/2022	Pacific Pipeline Supply	Drill 1-2" SCA102 Motor Arbor (1)	50.87
	03/02/2022		Drill 3/8" PD Pilot for PVC (3)	84.44
	03/02/2022		Cutter 1" PWL-100 PVC Carb Shell (1)	193.77
	03/02/2022		Cutter 2" PWL-200 PVC Carb Shell Romac (2)	495.79
	03/02/2022		Angle Stops (2)	430.23
	03/02/2022		Construction Meter Hose Swivel (1)	111.07
68947	03/02/2022	Pacific Safety Center	Hazmat Recertification Training	795.00
68948	03/02/2022	Powerland Equipment, Inc	Chainsaw Bar Oil Plugs	10.41
68949	03/02/2022	Ramona Disposal Service	Disposal of A/C Pipe	1,939.74
68950	03/02/2022	Volvo Construction Equipment & Services	HVAC Filters (2)	126.77
68951	03/02/2022	San Diego Door Controls, Inc	Roll-up Doors & Gates Maintenance	1,552.00
68952	03/02/2022	Sunshine Supply Co Inc	Stir Paddle	22.48
68953	03/02/2022	Bend Genetics, LLC	HABs Lab Analysis	2,160.00
68954	03/02/2022	Tyler Business Forms	Check Stock	1,249.00
68955	03/02/2022	UniFirst Corporation	Uniform Service	355.82
68956	03/02/2022	Valley CM, Inc	E Reservoir Replacement/Pump Station 11/2021 - 01/2022	4,200.00
68957	03/02/2022	Verizon Wireless	Cell Phones 01/16/22 - 02/15/22	1,436.20
68958	03/02/2022	Vulcan Materials Company and Affiliates	Cold Mix	2,240.98
68959	03/02/2022	VWR International LLC	Glass Flask	398.77
	03/02/2022		Glass Flask	(189.00)
	03/02/2022		Sample Bottles - HABs Samples	294.83
	03/02/2022		Glass Flask	(209.77)
68960	03/02/2022	WorkPartners OHS	New Hire Physical & Drug Test	200.00
Grand Total:				281,112.65



**REDISTRICITING AD HOC
COMMITTTEE REPORT**

Board Meeting Date:
Prepared By:

March 16, 2022
Dir. Sanchez & Vásquez

SUBJECT: PROPOSAL TO ADJUST DIVISION BOUNDARIES

RECOMMENDATIONS:

1. Conduct a public hearing and accept testimony, orally or in writing, regarding a proposal to adjust the boundaries of divisions within Vista Irrigation District.
2. Adopt Resolution No. 22-XX adjusting the boundaries of divisions within Vista Irrigation District as proposed on the attached map and direct the Secretary of the Board to file the map showing adjusted division boundaries with the County of San Diego Registrar of Voters.

PRIOR BOARD ACTION: On December 8, 2021, the Board appointed Directors Sanchez and Vásquez to serve on the ad hoc committee to review the division boundaries of the District and recommend any changes (based on the 2020 census data) to the Board. The Board conducted a public hearing to accept testimony, orally and in writing, regarding a proposal to adjust the boundaries of divisions within the District on March 2, 2022.

FISCAL IMPACT: None.

SUMMARY: The governing body in which directors are elected by divisions must redistrict after each federal decennial census. Using the census as a basis, the boundaries of divisions must be adjusted so that divisions are, as far as practicable, equal in population. The ad hoc committee met on February 14, 2022 to discuss the methods and goals of redistricting, receive an update on the population and other demographic data from the U.S. Census Bureau and review redistricting proposals prepared by staff; the ad hoc committee selected a proposal to adjust division boundaries within the District to present to the full Board.

Pursuant to Elections Code Section 22001, the Board was required to hold at least one public hearing on the proposal to adjust the boundaries of the divisions prior to the public hearing at which the Board votes to approve or defeat the proposal. On March 2, 2022, the Board conducted the first of two public hearings to accept testimony, orally and in writing, regarding the proposal to adjust the boundaries of divisions within the District.

DETAILED REPORT: As an Irrigation District, the District is required by Water Code Section 21605 to adjust its division boundaries in accordance with Elections Code Section 22000; Section 22000(a) requires the District to adjust boundaries by resolution after each federal decennial census. Subdivision (h) of that statute allows for boundary adjustments more often, when the governing body of the district determines that a sufficient change in population has occurred that makes it desirable, in its opinion, to adjust the boundaries of any divisions, or whenever any territory is added or excluded from the district.

In September 2021, California's official redistricting database, the Statewide Database, released data for the 2020 United States Census, which District Geographical Information Systems (GIS) staff utilizes to compile proposed redistricting maps for consideration. Based on best practices suggested by the San Diego Association of Governments Service Bureau and the County of San Diego Registrar of Voters, redistricting was performed using the original census block-level data; using census block-level data over precinct level data is the preferred method because it avoids manipulation of the original data, thus minimizing the possibility of data errors. Proposed adjustments to division boundaries take into consideration topography and geography, cohesiveness, contiguity, integrity and compactness of territory, and communities of interest in accordance with Elections Code Section 22000(a).

At its December 8, 2021 meeting, the Board selected Directors Sanchez and Vásquez to serve on the ad hoc committee to review the division boundaries of the District and recommend any adjustments to division boundaries (based on the 2020 census data) to the Board. The ad hoc committee met on February 14, 2022 and reviewed California and federal redistricting legal requirements, and District staff presented the methodology behind the preparation of three proposed redistricting maps. The ad hoc committee reviewed the three maps and recommended a proposed map showing adjustments to division boundaries; the proposed map meets applicable legal requirements.

At its March 2, 2022 meeting, the Board conducted a public hearing to accept testimony, orally and in writing, regarding the proposal to adjust the boundaries of divisions within the District. There were no members of the public present in person or telephonically, and there were no comments received from members of the public in writing, by telephone or by email prior to the public hearing. The Board reviewed the proposed map and offered suggestions for improving the readability; those changes have been incorporated in the attached map.

Pursuant to Elections Code Section 22001, the Board should conduct a second public hearing to receive public comment and consider approving or defeating the proposal to adjust division boundaries.

The deadline to submit the District's adopted redistricting map to the San Diego County Registrar of Voters is April 17, 2022.

ATTACHMENTS:

- Proof of Publication - Public Hearing Notice
- Resolution No. 22-XX
- Maps
- Demographic data

**PROOF OF PUBLICATION
(2010 & 2011 C.C.P.)**

**STATE OF CALIFORNIA
County of San Diego**

I am a citizen of the United States and a resident of the County aforesaid: I am over the age of eighteen years and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of

The San Diego Union Tribune

Formerly known as the North County Times and UT North County and which newspaper has been adjudicated as a newspaper of general circulation by the Superior Court of the County of San Diego, State of California, for the City of Oceanside and the City of Escondido, Court Decree numbers 171349 & 172171, for the County of San Diego, that the notice of which the annexed is a printed copy (set in type not smaller than nonpariel), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

March 6th, 2022

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at **TEMECULA, California** this
7th, day March, 2022

Jane Allshouse

Jane Allshouse

The San Diego Union Tribune
Legal Advertising

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that a Public Hearing will be held by the Board of Directors of the Vista Irrigation District in the Boardroom, located at 1391 Engineer Street in Vista, California 92081, on **Wednesday, March 16, 2022, at 9 a.m.**, or as soon thereafter as possible, to consider the following item:

Adjust Division Boundaries – Pursuant to Election Code §22000, the District Board will hold a second public hearing on the proposal to adjust the boundaries of the divisions and consider a resolution adopting such proposal and adjusting the boundaries of the divisions. The draft map is available at the District's website at: <https://www.vidwater.org/notice-of-public-hearing>

At said hearing, any interested person may present testimony orally or in writing. If you challenge the nature of the proposed action in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or written correspondence delivered to the District at, or prior to, the public hearing.

Members of the public may participate in the public hearing in person or through the District's teleconferencing line: Phone (877) 873-8018; Pass Code 474698#. Please refer to the official posted agenda on the District's website (<https://www.vidwater.org/>) on the Friday afternoon prior to the meeting for the staff report for this item and/or changes to the agenda. For further information, contact Marlene Kelleher, Director of Administration, Vista Irrigation District, 1391 Engineer Street, Vista, California, or call (760) 597-3100.

/s/ Lisa R. Soto, Secretary
Board of Directors, Vista Irrigation District



1391 Engineer Street • Vista • California 92081-8840
Phone: (760) 597-3100 • Fax: (760) 598-8757
www.vidwater.org

Board of Directors

Marty Miller, *President*
Paul E. Dorey
Jo MacKenzie
Patrick H. Sanchez
Richard L. Vásquez

Administrative Staff

Brett L. Hodgkiss
General Manager
Lisa R. Soto
Board Secretary
Elizabeth A. Mitchell
General Counsel

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Lisa R. Soto, Secretary
Board of Directors, Vista Irrigation District

RESOLUTION NO. 22-XX

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
VISTA IRRIGATION DISTRICT
APPROVING ADJUSTMENTS TO DIRECTOR DIVISIONS
FOLLOWING THE 2020 UNITED STATES CENSUS

WHEREAS, pursuant to Section 21605 of the California Water Code, and Section 22000 of the California Elections Code, the Vista Irrigation District is required to adjust the boundaries of its divisions after each Federal Decennial Census with resulting divisions that are, as far as practicable, equal in population; and

WHEREAS, the Board of Directors of Vista Irrigation District appointed an Ad Hoc Redistricting Committee composed of two members of the Board of Directors, to review the District's divisions and recommend any adjustments to reflect the 2020 Federal Decennial Census data; and

WHEREAS, District staff obtained the 2020 United States Decennial Census data for the territory within the Vista Irrigation District boundaries from the Statewide Database, and the Ad Hoc Committee reviewed the census data and determined from that data that the division boundaries should be adjusted to obtain more equal populations within each of the divisions; and

WHEREAS, the proposed 2022 District Division Boundary Map results in each of the proposed divisions having populations within 0.3% of each other, and takes into consideration topography, geography, cohesiveness, contiguity, integrity and compactness of territory, and community interests in the District in accordance with Elections Code Section 22000(a); and

WHEREAS, based upon review of detailed population data from the 2020 United States Census, the District's Ad Hoc Redistricting Committee has recommended that the Vista Irrigation District boundaries be adjusted in accordance with its proposed 2022 District Division Boundary Map that is on file with the District and presented to the Board of Directors, and attached hereto as Exhibit "A"; and

WHEREAS, pursuant to California Elections Code Section 22001, the Board of Directors of the Vista Irrigation District conducted public hearings on March 2, 2022 and March 16, 2022 to accept testimony, orally and in writing, regarding a proposal to adjust the boundaries of divisions within Vista Irrigation District.

NOW, THEREFORE, the Board of Directors of the Vista Irrigation District does hereby resolve as follows:

SECTION 1: The recitals above are true and incorporated fully herein as findings.

SECTION 2: The Board of Directors hereby approves the 2022 District Division Boundary Map attached hereto as Exhibit "A," and fully incorporated herein by this references, as the official map setting forth the boundaries of the divisions within the Vista Irrigation District.

SECTION 3: The Board of Directors finds that the 2022 District Division Boundary Map uses the 2020 Census as a basis for the division boundary adjustments, and results in divisions with populations that are, as far as practicable, equal in population and in compliance with applicable state and federal law.

SECTION 4: The District Secretary is authorized and directed to provide a copy of the 2022 District Division Boundary Map and a copy of this Resolution to the San Diego County Registrar of Voters.

SECTION 5: The Board of Directors finds that this action is not a “project” under the California Environmental Quality Act.

PASSED AND ADOPTED by the following roll call vote of the Board of Directors of Vista Irrigation District this 16th day of March 2022.

AYES:

NOES:

ABSTAIN:

ABSENT:

Patrick Sanchez, Vice President

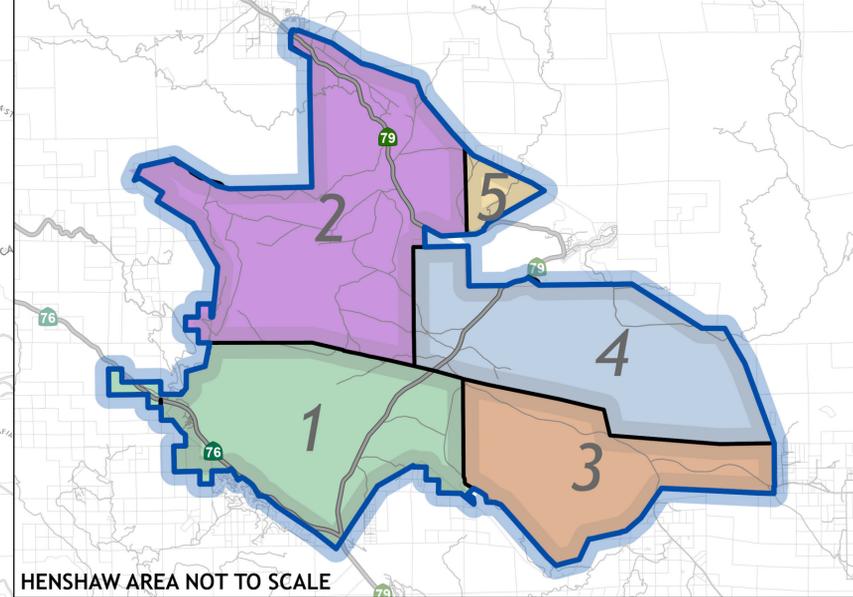
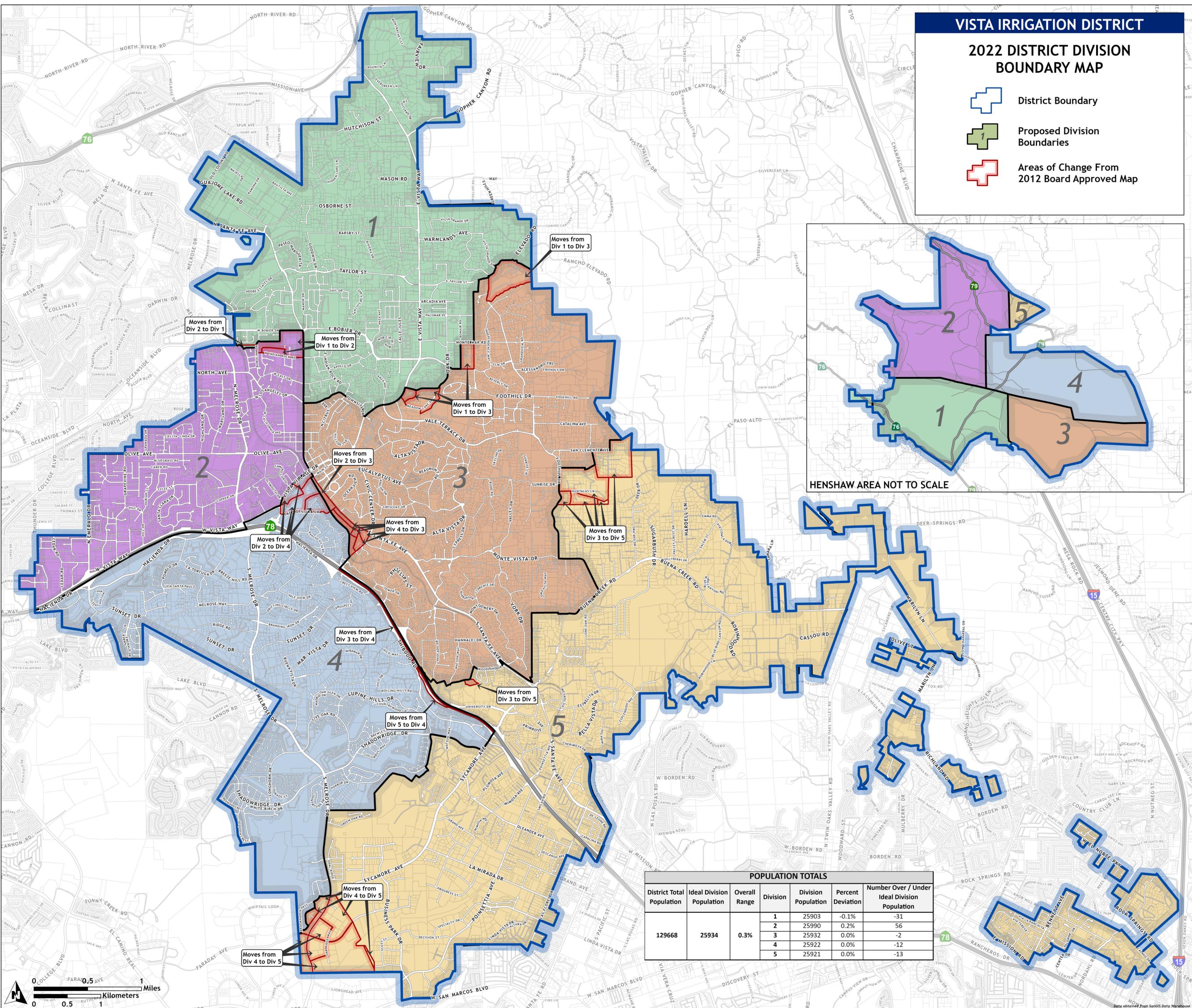
ATTEST:

Lisa Soto, Secretary
Board of Directors
VISTA IRRIGATION DISTRICT

VISTA IRRIGATION DISTRICT

2022 DISTRICT DIVISION BOUNDARY MAP

-  District Boundary
-  Proposed Division Boundaries
-  Areas of Change From 2012 Board Approved Map



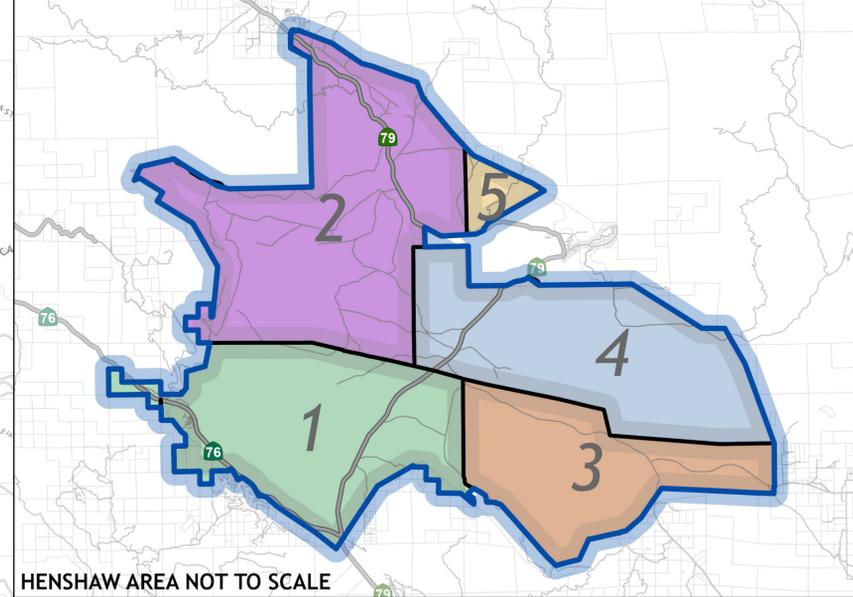
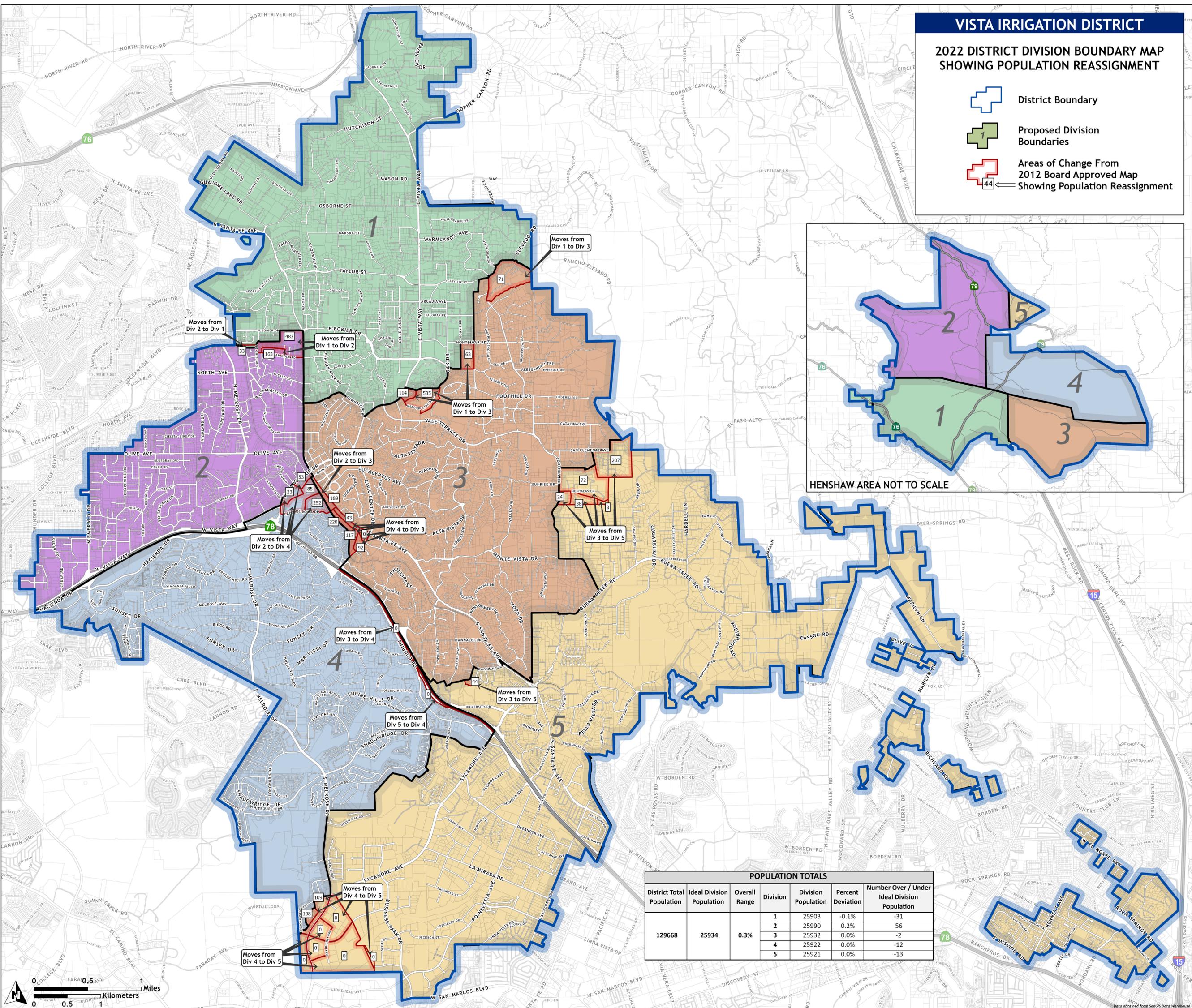
POPULATION TOTALS						
District Total Population	Ideal Division Population	Overall Range	Division	Division Population	Percent Deviation	Number Over / Under Ideal Division Population
129668	25934	0.3%	1	25903	-0.1%	-31
			2	25990	0.2%	56
			3	25932	0.0%	-2
			4	25922	0.0%	-12
			5	25921	0.0%	-13



VISTA IRRIGATION DISTRICT

2022 DISTRICT DIVISION BOUNDARY MAP SHOWING POPULATION REASSIGNMENT

-  District Boundary
-  Proposed Division Boundaries
-  Areas of Change From 2012 Board Approved Map Showing Population Reassignment



POPULATION TOTALS						
District Total Population	Ideal Division Population	Overall Range	Division	Division Population	Percent Deviation	Number Over / Under Ideal Division Population
129668	25934	0.3%	1	25903	-0.1%	-31
			2	25990	0.2%	56
			3	25932	0.0%	-2
			4	25922	0.0%	-12
			5	25921	0.0%	-13



DEMOGRAPHICS

CURRENT DIVISIONS

Division	%Hispanic	%NH_Whit	%NH_Asn	%NH_Black	%NH_Hwn	%NH_Ind	%NH_Oth	%Two Plus Races
1	56.9%	30.8%	4.9%	2.2%	0.8%	0.3%	0.5%	3.6%
2	63.5%	24.2%	4.3%	2.5%	0.8%	0.3%	0.5%	3.9%
3	48.2%	41.7%	2.8%	1.9%	0.3%	0.4%	0.6%	4.2%
4	28.6%	54.5%	6.8%	2.9%	0.5%	0.3%	0.5%	6.0%
5	45.9%	41.2%	5.7%	2.0%	0.4%	0.3%	0.6%	3.8%
Districtwide	48.7%	38.4%	4.9%	2.3%	0.6%	0.3%	0.5%	4.3%

PROPOSED DIVISIONS

Division	%Hispanic	%NH_Whit	%NH_Asn	%NH_Black	%NH_Hwn	%NH_Ind	%NH_Oth	%Two Plus Races
1	56.6%	30.9%	4.9%	2.3%	0.8%	0.3%	0.5%	3.6%
2	63.8%	24.0%	4.4%	2.4%	0.8%	0.3%	0.5%	3.8%
3	49.3%	40.5%	2.8%	2.0%	0.3%	0.4%	0.6%	4.2%
4	28.2%	54.9%	6.9%	2.9%	0.5%	0.3%	0.5%	5.9%
5	45.4%	41.8%	5.7%	2.0%	0.4%	0.3%	0.6%	3.8%
Districtwide	48.7%	38.4%	4.9%	2.3%	0.6%	0.3%	0.5%	4.3%

PROPOSAL POPULATION COMPARISONS

CURRENT

District Total Population	Ideal Division Population	Overall Range	Division	Division Population	Percent Deviation	Number Over / Under Ideal Division Population
129668	25934	9.4%	1	27299	5.3%	1365
			2	25979	0.2%	45
			3	24876	-4.1%	-1058
			4	26198	1.0%	264
			5	25316	-2.4%	-618

PROPOSED

District Total Population	Ideal Division Population	Overall Range	Division	Division Population	Percent Deviation	Number Over / Under Ideal Division Population
129668	25934	0.3%	1	25903	-0.1%	-31
			2	25990	0.2%	56
			3	25932	0.0%	-2
			4	25922	0.0%	-12
			5	25921	0.0%	-13



STAFF REPORT

Agenda Item: 8

Board Meeting Date: March 16, 2022
Prepared By: Don Smith
Approved By: Brett Hodgkiss

SUBJECT: SOUTHWESTERN WILLOW FLYCATCHER ON DISTRICT LAND

RECOMMENDATION: Receive results of field surveys for southwestern willow flycatcher on District land performed by the United States Geological Survey and information regarding proposed brown-headed cowbird control activities to be performed by Cleveland National Forrest on District land.

PRIOR BOARD ACTION: On June 3, 2015, the Board authorized the United States Geological Survey (USGS) to conduct field surveys, nest monitoring and color banding on District lands between mid-May and August annually from 2015 through 2019. On January 22, 2020, the Board received the results of that survey.

FISCAL IMPACT: None.

SUMMARY: The USGS has continued to perform field surveys for southwestern willow flycatcher (SWFL) on selected areas of land owned by the District. Recent data suggest that the riparian areas along the shore of Lake Henshaw represent a habitat of growing importance to this small songbird. While the number of nesting territories along the shore of Lake Henshaw has grown significantly between 2020 and 2021, the high rate of brood parasitism by brown-headed cowbird (BHCO) (between 30 and 40%) is felt to be a significant hurdle for the continued success of SWFL in the region. Cleveland National Forrest (CNF) staff have requested permission to engage in activities to reduce BHCO populations on District Land to benefit SWFL, and District staff propose to cooperate.

**Southwestern Willow Flycatcher Territories
On District Land***

Location	Year						
	2015	2016	2017	2018	2019	2020	2021
Below Dam	7	8	3	3	2	0	0
Lake Henshaw	n/s	n/s	n/s	15	24	28	43
West Fork	n/s	n/s	n/s	0 (6 transients)	n/s	n/s	n/s

* Data is taken from provisional, unpublished findings.
n/s – not surveyed

Barbara Kus, Research Ecologist for the USGS, will present an update to the Board on the status of SWFL in the region and on District lands in particular. Adam Eidson, Wildlife Biologist with the CNF, will be present to describe BHCO control activities proposed for District lands.

DETAILED REPORT: SWFL is small migratory songbird dependent on riparian habitat for breeding (shown on the following page). It has been listed as endangered since 1995 under the Endangered Species Act. In 2013, the U.S. Fish and Wildlife Service designated much of the San Luis Rey River corridor as critical habitat for SWFL. Lake Henshaw is believed to support the single largest population of SWFL in California. The District also owns land below Henshaw Dam, including about one linear mile of riparian habitat.

BHCO is small obligate brood parasitic blackbird (shown below) native to North America and common throughout its range, which expanded westward during the last century from the eastern U.S. in association with livestock grazing. The species lives in open or semi-open country, often following grazing animals such as horses and cattle to catch insects stirred up by the larger animals; they mainly eat seeds and insects. Female BHCO can lay up to 36 eggs in a season, parasitizing the nests of a broad range of birds including SWFL.

Proposed BHCO control activities include the deployment of mist nets in areas below Henshaw Dam, and the lethal take of BHCO using air rifles in the riparian areas around Lake Henshaw. All control activities would be performed by CNF personnel under the risk transfer provisions of a District issued license. It is estimated that CNF personnel would be active on District lands one day per week between April and June 2022. Activities would be coordinated to avoid conflict with hunting, grazing, or other licensed activities.



Southwestern willow flycatcher (SWFL)



Brown-headed cowbird (BHCO)



EXHIBIT A

Status of Southwestern Willow Flycatchers on Vista Irrigation District Lands

Barbara Kus
Scarlett Howell
Shannon Mendia

Western Ecological Research Center
San Diego Field Station

Presented to:
Vista Irrigation District Board of Directors

March 16, 2022

U.S. Department of the Interior
U.S. Geological Survey



Southwestern Willow Flycatcher



- Neotropical migratory species
 - winters in central and south America
 - breeds in southwestern U.S.
 - breeding season mid-May - August
- Riparian obligate breeder
- Federally endangered, listed in 1995
 - habitat loss
 - cowbird parasitism



Southwestern Willow Flycatcher



California population at time of listing (1995):

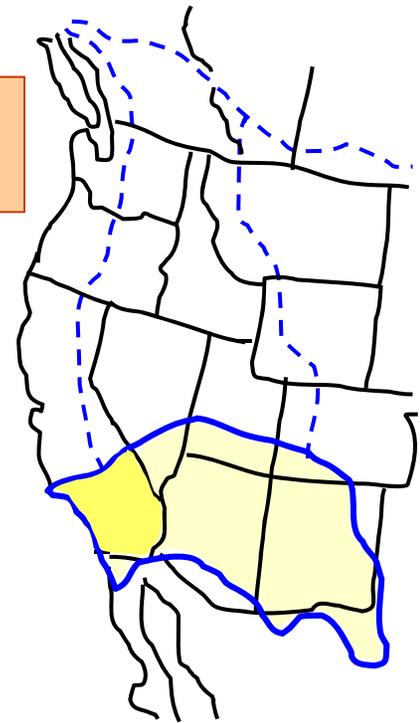
- 70 territories

FWS Recovery goal for San Diego Co. (2002):

- 450 territories



Population in steep decline



USGS Research Goals

5-year study (2015-2019), funded by Sandag

Study Components:

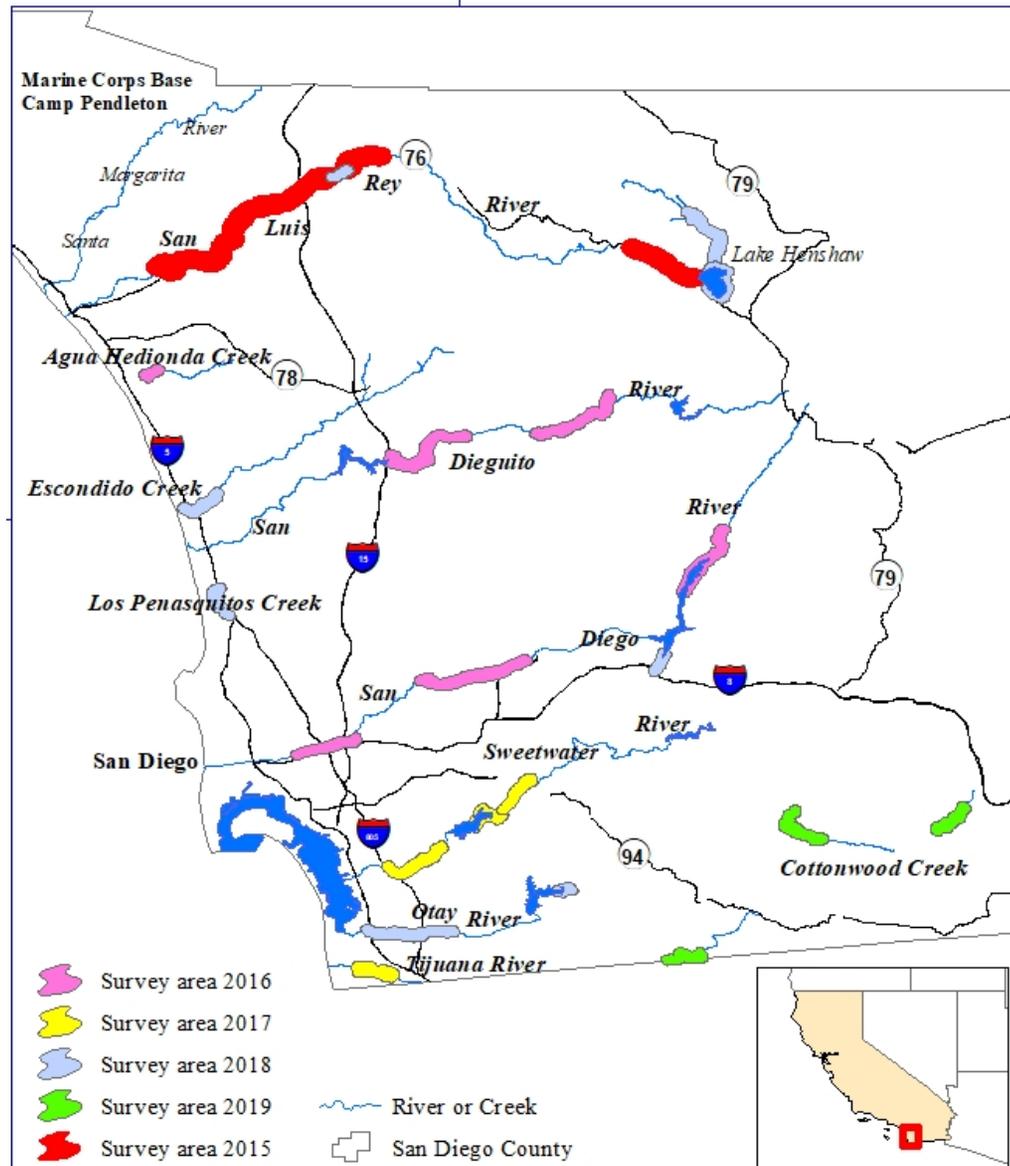
- | | |
|-------------------|--|
| Surveys | County-wide surveys of historically occupied and other suitable habitat to determine SWFL abundance and distribution |
| Monitoring | At Upper San Luis Rey River, to determine nest success, productivity, survivorship |

Identify reasons for declines, and prioritize sites and actions for SWFL conservation

Distribution and Abundance of Southwestern Willow Flycatchers

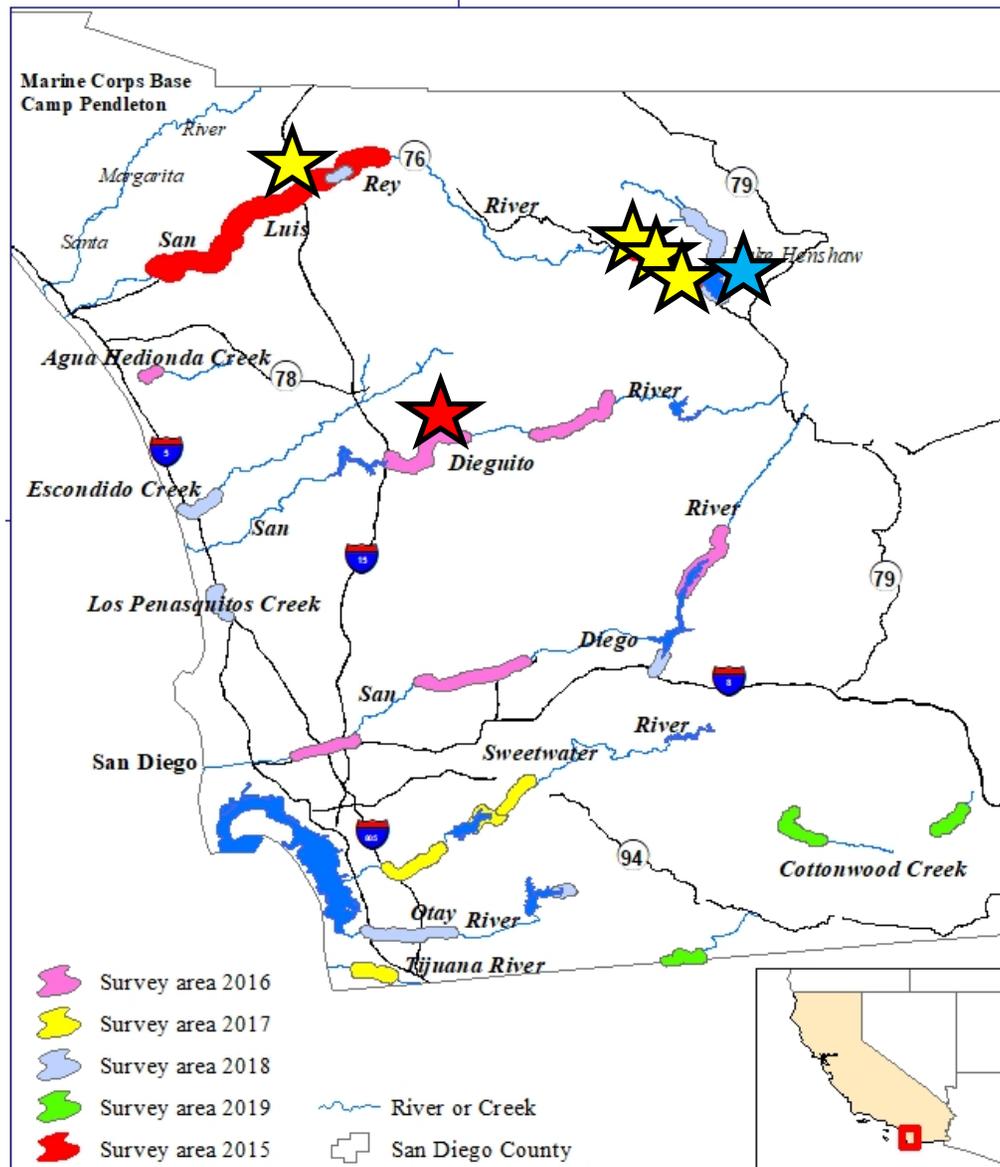
Survey Locations

- 2015-2019
- 10 drainages
- 33 locations
 - Historic breeding sites
 - Other suitable habitat (Hatten model)



Survey Results

- 18% of locations occupied
- Minimum of 80 resident SWFL
- 99% of SWFL at San Luis Rey
- San Dieguito only other drainage with SWFL
- Lake Henshaw the only new location with SWFL

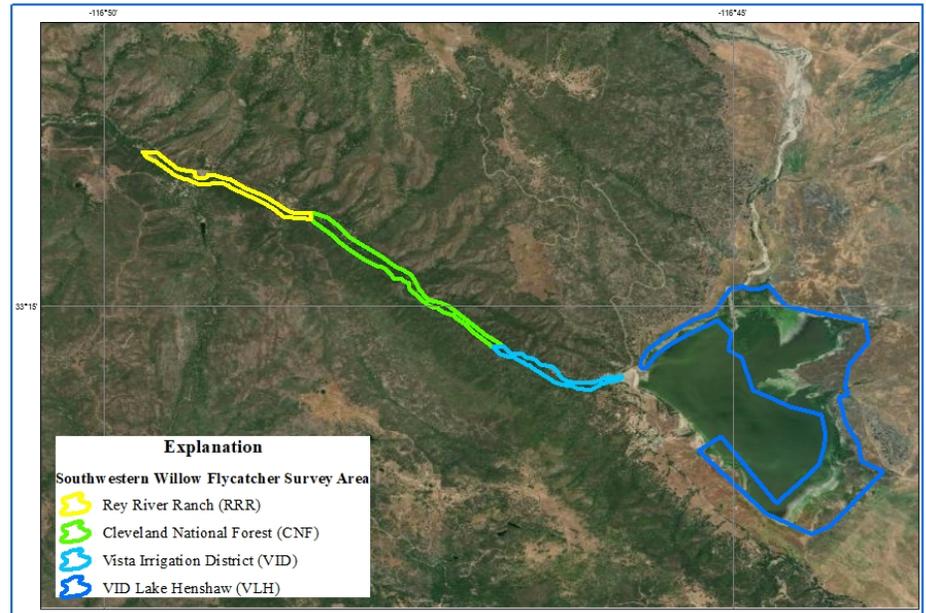
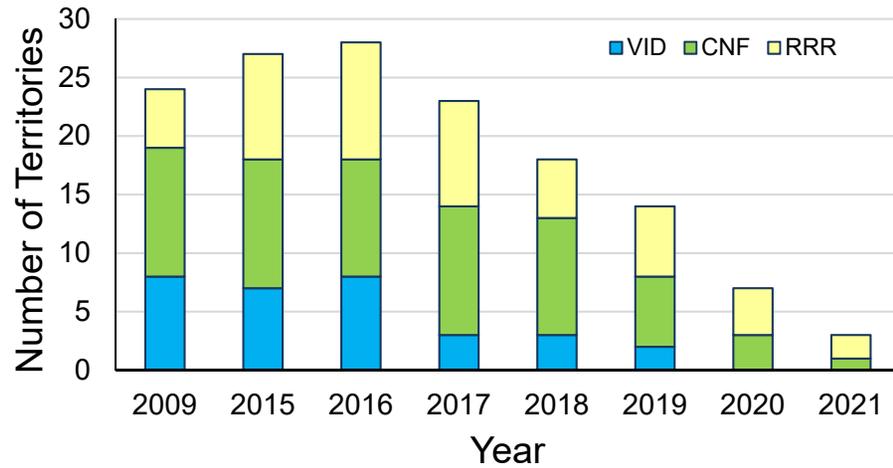


SWFL Population Size on Upper SLR

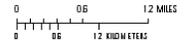
- Downstream surveyed annually 2015-2021
- Upstream surveyed annually 2018-2021



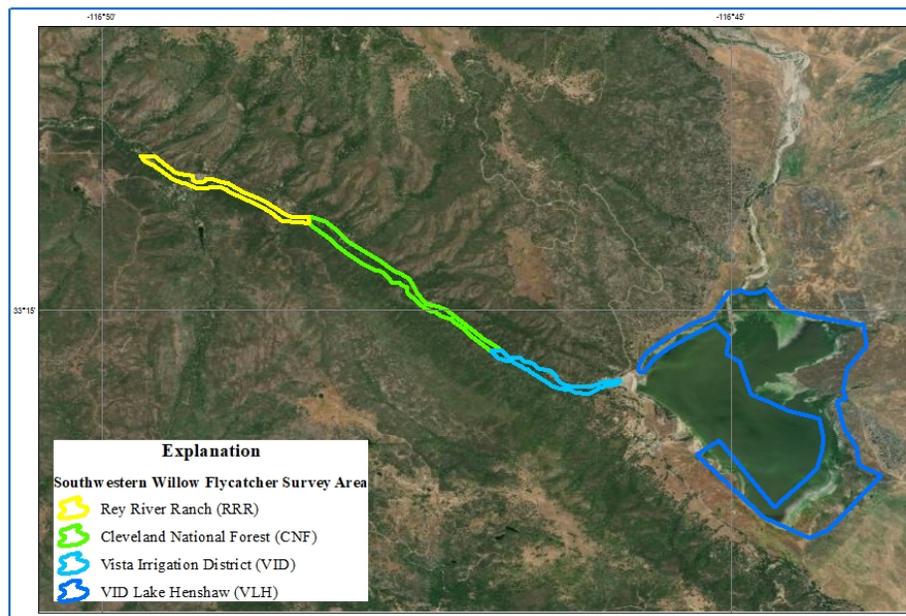
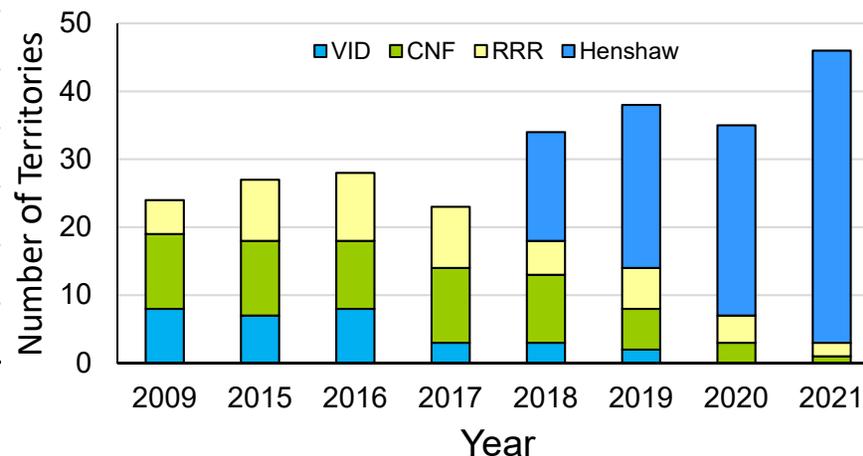
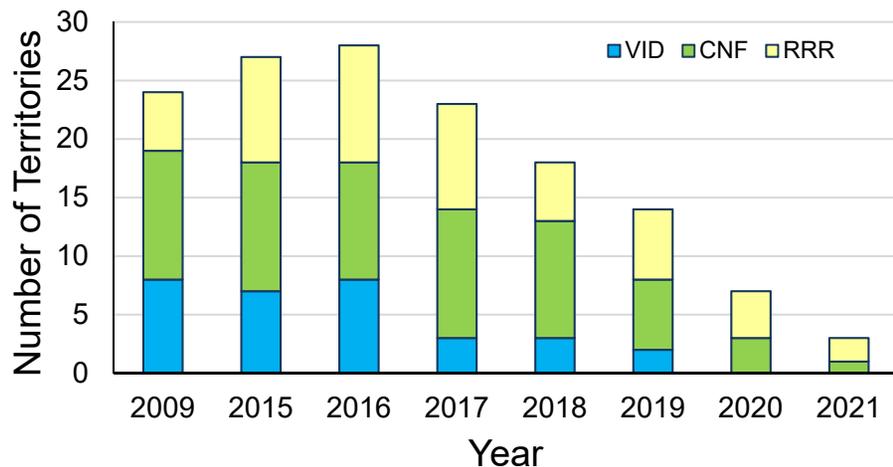
SWFL Population Size on Upper SLR



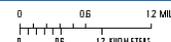
Base from U.S. Geological Survey and other Federal and State digital data, various scales; Universal Transverse Mercator, zone 11; North American Datum of 1983



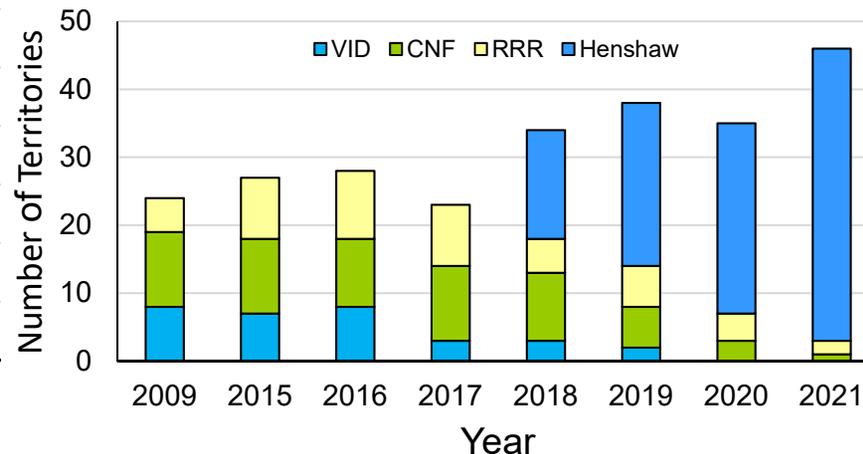
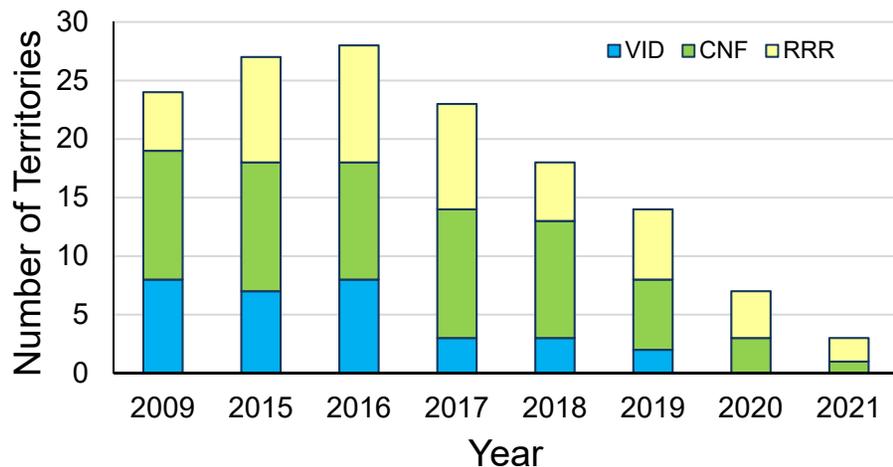
SWFL Population Size on Upper SLR



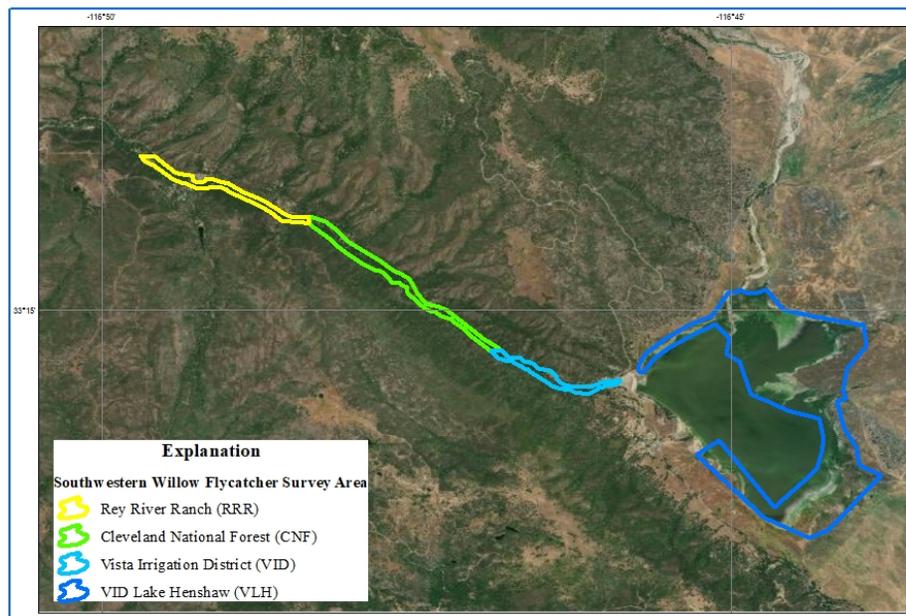
Base from U.S. Geological Survey and other Federal and State digital data, various scales; Universal Transverse Mercator, zone 11; North American Datum of 1983



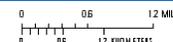
SWFL Population Size on Upper SLR



Lake Henshaw supports the single largest SWFL population in California



Base from U.S. Geological Survey and other Federal and State digital data, various scales; Universal Transverse Mercator, zone 11; North American Datum of 1983



Nest Monitoring



Annual Monitoring 2016-2019:

- Study area encompassed:
 - Vista Irrigation District
 - Cleveland National Forest
 - Rey River Ranch
- 14-27 territories per year (mid-May – August)
- 18-41 nests per year
 - Nest success (Prop. nests that fledge)
 - Clutch size
 - **Parasitism rate (Prop. nests parasitized)**
 - Hatch rate (% eggs that hatch)
 - Fledge rate (% nestlings that fledge)
 - **Fledglings per pair**

Nest Monitoring

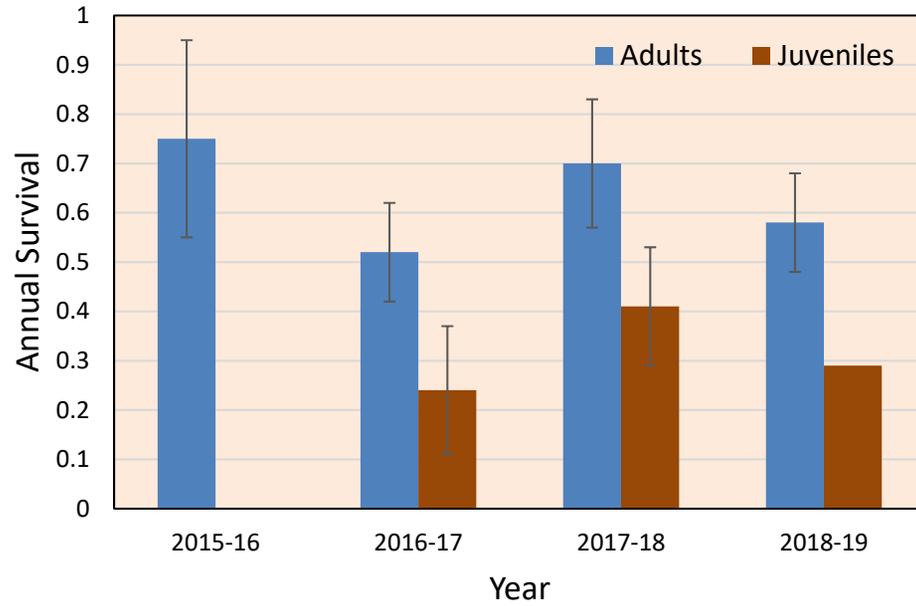


Annual Monitoring 2016-2019:

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 - Clutch size
 - Parasitism rate (Prop. nests parasitized)
 - Hatch rate (% eggs that hatch)
 - Fledge rate (% nestlings that fledge)
 - Fledglings per pair
- Color banded nestlings and adults
 - Adult survival
 - Juvenile survival

Survival

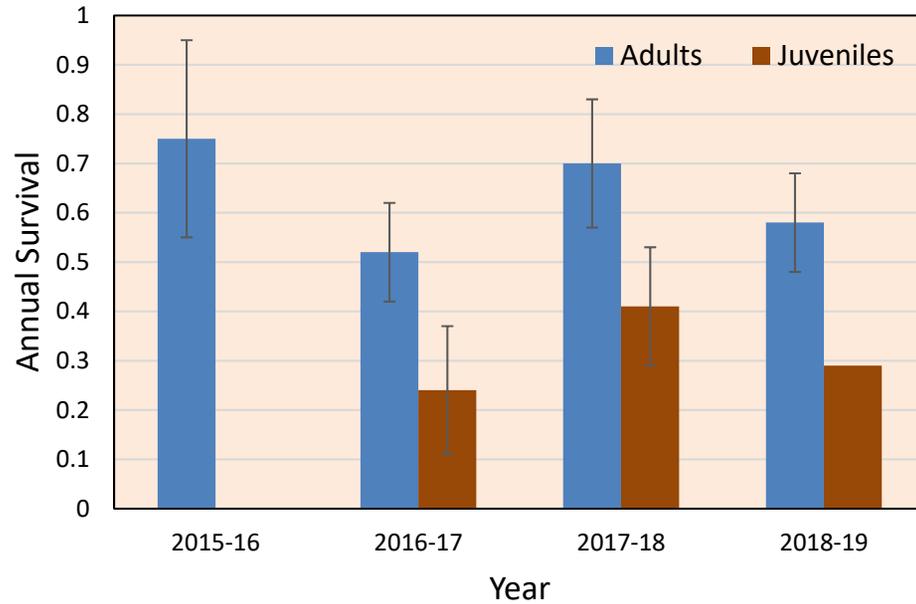
Annual Survival



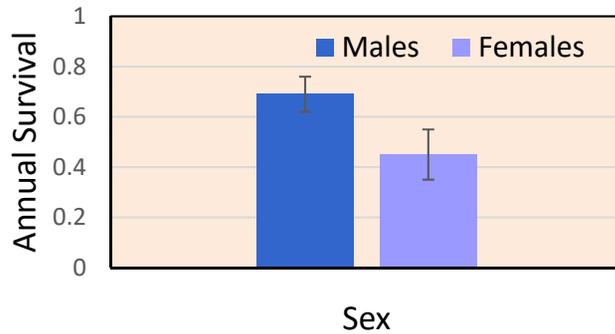
➤ Adults > Juveniles



Annual Survival

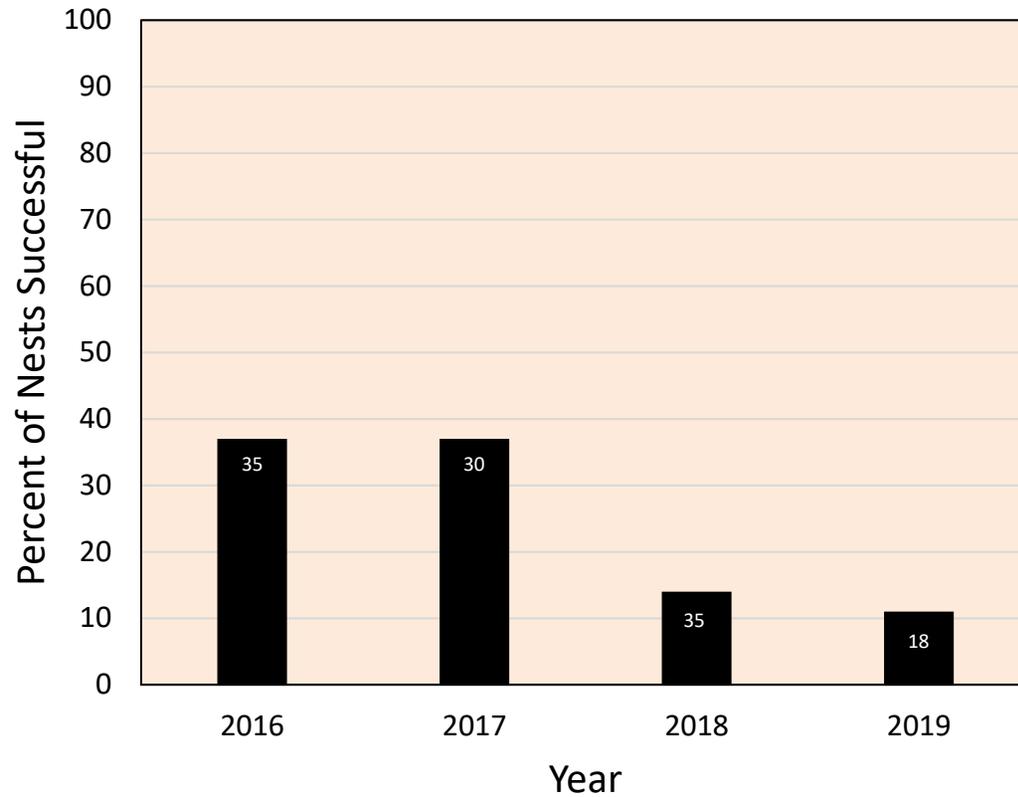


- Adults > Juveniles
- Males > Females (Adults)



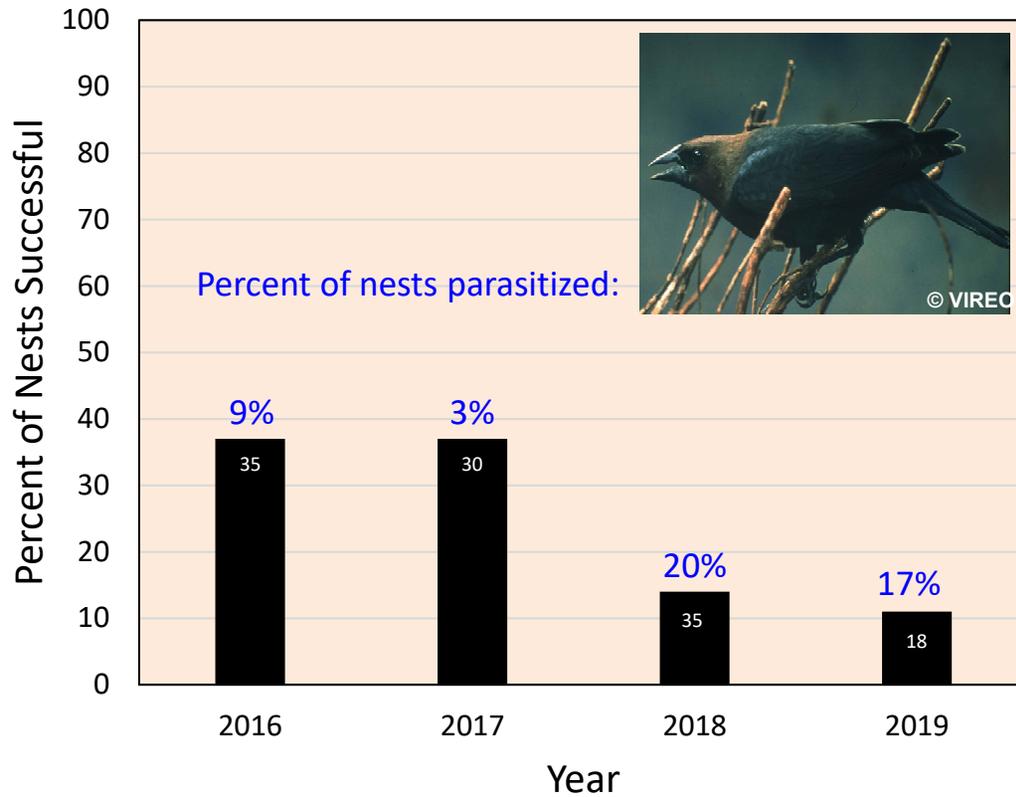
Productivity

Nest Success



➤ Declined over time:
2016, 2017 > 2018, 2019

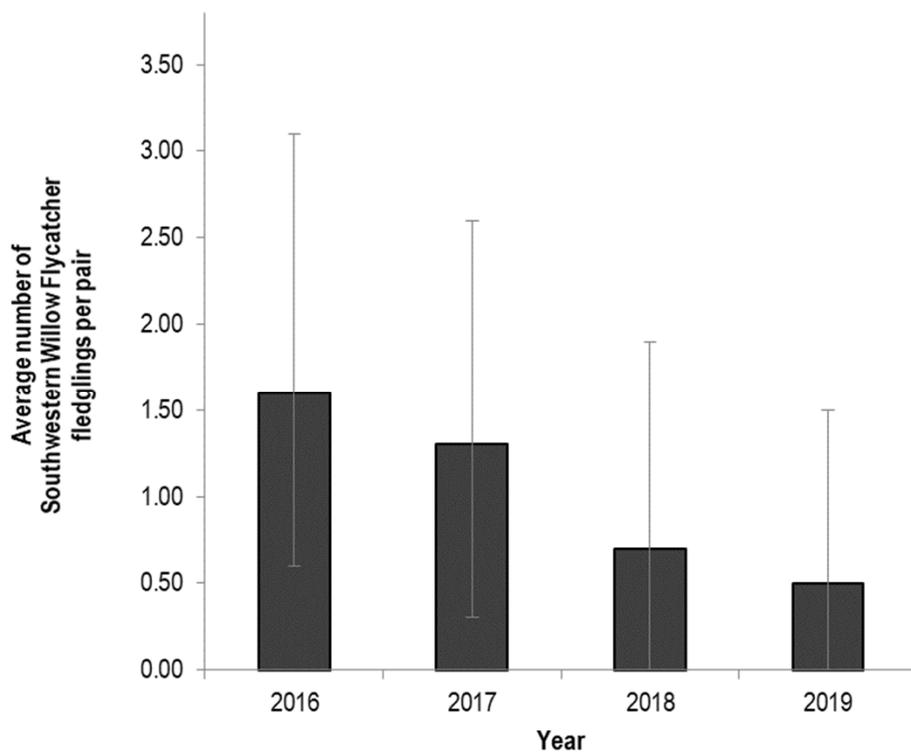
Nest Success



- Declined over time:
2016, 2017 > 2018, 2019
- Cowbird parasitism increased

Productivity

Number Fledglings per Pair



- Productivity declined across years
- Productivity low in all years



Summary

- ❖ SWFL populations have declined regionally: drought?
- ❖ Largest population of SWFL in southern California occurs on upper San Luis Rey River
- ❖ VID lands support >90% of this population
- ❖ VID population appears to be buffered against steep declines in SWFL populations regionally
- ❖ Low productivity and increasing cowbird parasitism warrants management



Andrew Fisher

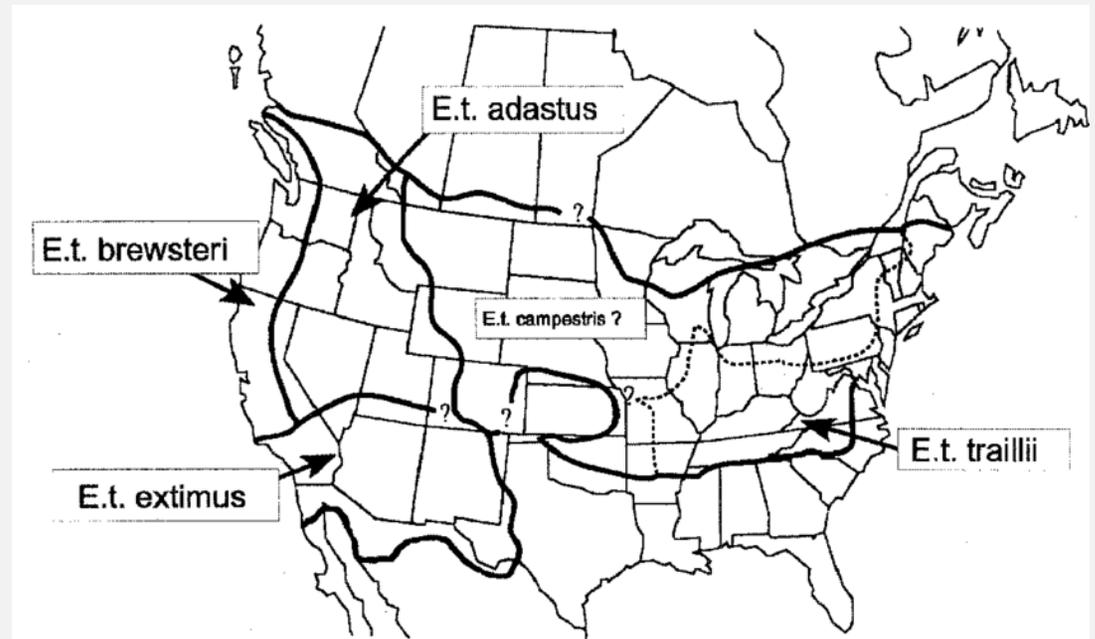
**PROPOSED BROWN-
HEADED COWBIRD
CONTROL
TO SUPPORT
SOUTHWESTERN WILLOW
FLYCATCHER NESTING
AT SAN LUIS REY RIVER &
LAKE HENSHAW**

**VISTA IRRIGATION
DISTRICT
&
CLEVELAND NATIONAL
FOREST**



BACKGROUND ON SOUTHWESTERN WILLOW FLYCATCHER IN SAN DIEGO COUNTY

- Southwestern willow flycatcher (SWFL) was listed as Federally endangered by the US Fish and Wildlife Service (USFWS) on March 29, 1995.
- Systematic monitoring of the SWFL has been conducted by the Forest Service, USGS and other private parties at ten different sites throughout San Diego County dating back to 1990's.
- As of 2022, the San Luis Rey River just below Henshaw Dam, and the perimeter of Henshaw Lake contained all recently documented resident SWFL observations in San Diego County.



Reasons for SWFL Population Decline

- Habitat loss of southwestern riparian areas has been the primary factor contributing to the population decline of SWFL according to the US Fish and Wildlife Service's Southwestern Willow Flycatcher Recovery Plan.
- Brood parasitism by Brown-headed Cowbird (BHCO) is also a contributing factor to SWFL decline.



BROWN-HEADED COWBIRD BROOD PARASITISM

BHCO UTILIZE A NESTING STRATEGY KNOWN AS BROOD PARASITISM, IN WHICH THE FEMALE BHCO LAYS HER EGGS IN THE NEST OF ANOTHER SPECIES FOR IT TO INCUBATE AND REAR.

BHCO FEMALES CAN LAY UP TO 36 EGGS PER NESTING SEASON.



BHCO EGGS OFTEN HATCH EARLIER THAN THE REMAINING EGGS AND OUTCOMPETE THE YOUNG OF THEIR HOST FOR FOOD RESOURCES.



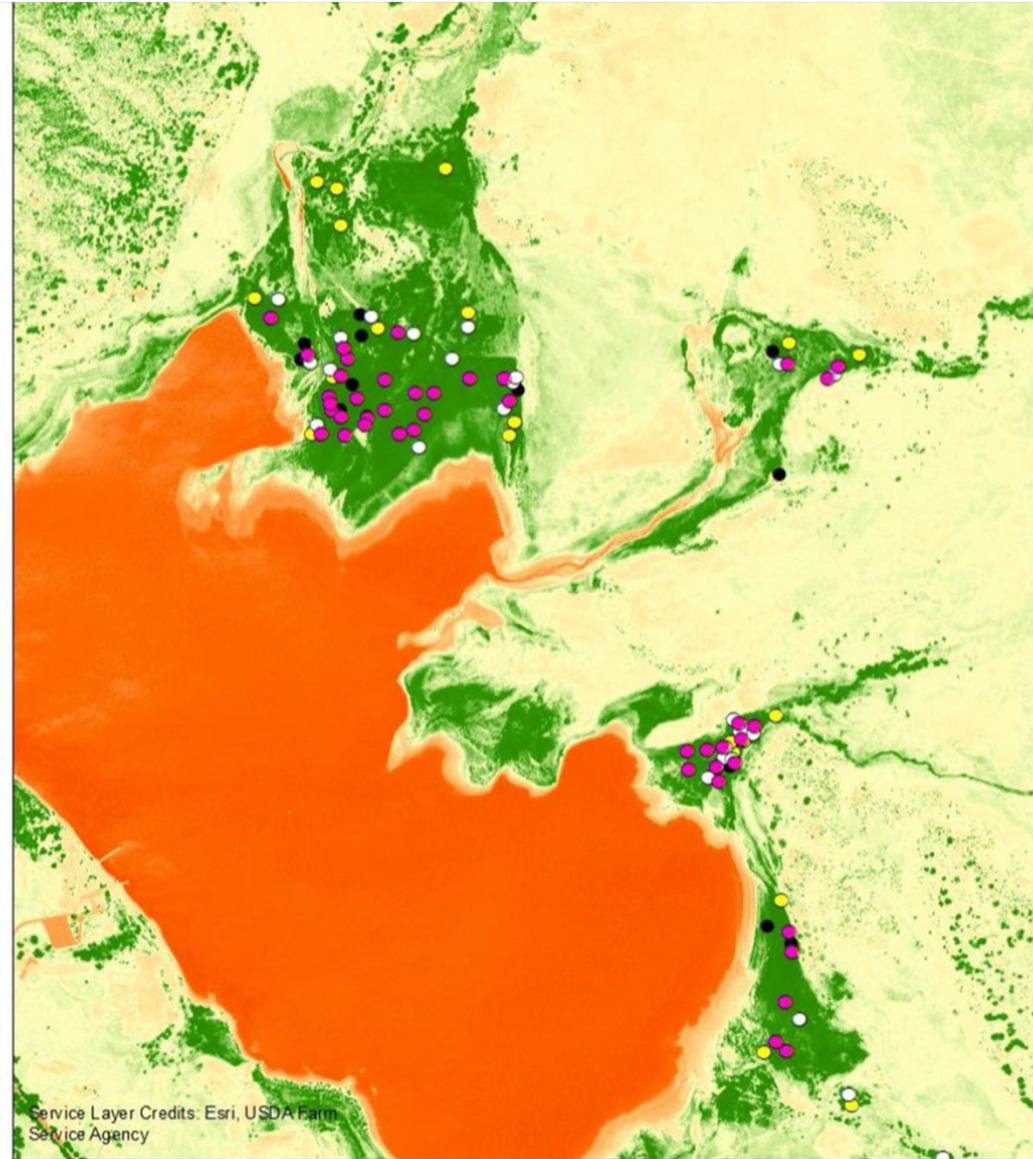
RECENT SWFL TRENDS AT SAN LUIS REY AND LAKE HENSHAW

SWFL monitoring conducted at San Luis Rey and Lake Henshaw by USGS 2016-2021 documented:

A reduction in SWFL numbers in the portion of the San Luis Rey River downstream of Henshaw Dam.

An increase in SWFL numbers around Lake Henshaw.

This change represented a shift in the population not an increase in the total number of birds



REASONS FOR MOVE FROM SLR

- Coast live oaks in San Luis Rey River below the dam have historically been used extensively by SWFL for foraging and nesting
- Oak mortality in the downstream area of the San Luis Rey River due to drought and GSOB infestation, has eliminated trees at former nest sites.

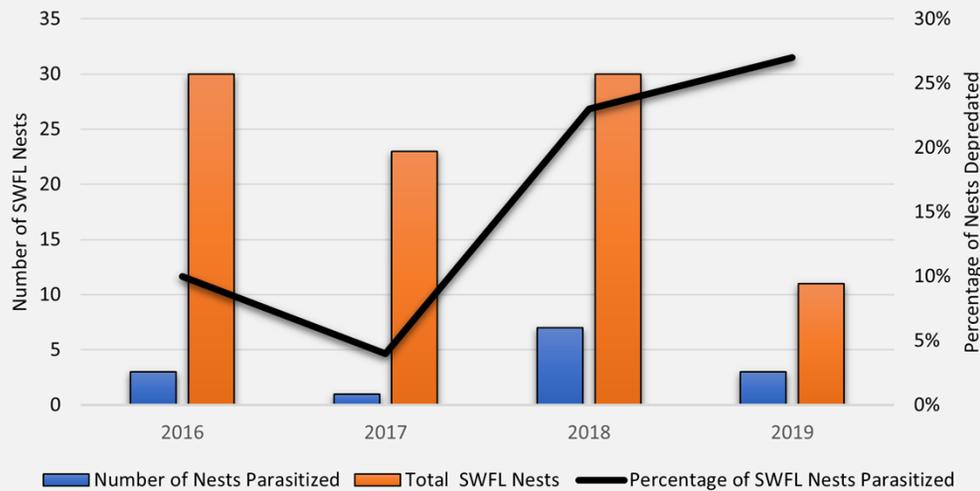


CHANGES AT LAKE HENSHAW

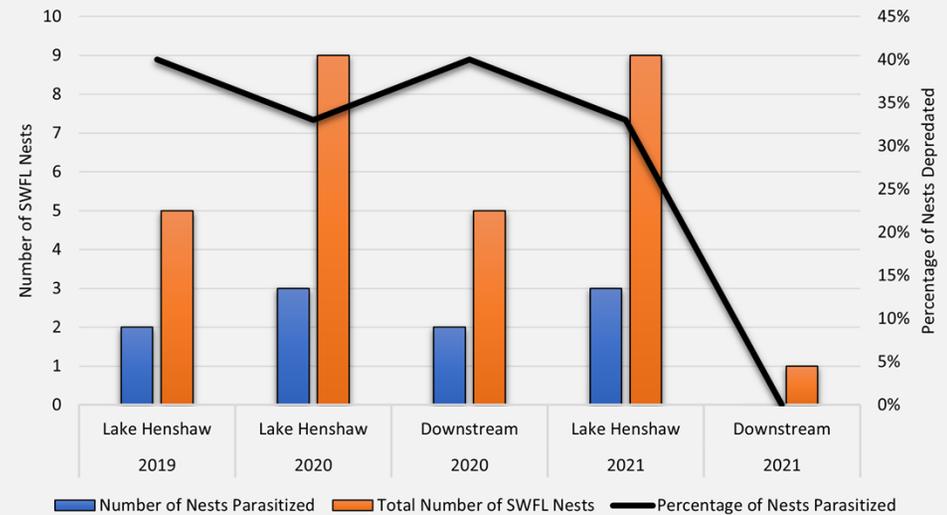
A DECREASE IN LAKE LEVEL DUE TO LONG TERM DROUGHT HAS PRODUCED NEW AREAS OF NESTING HABITAT ALONG THE SHORELINE OF LAKE HENSHAW.



**Observed Brood Parasitism of SWFL by BHCO
Downstream Portion of the San Luis Rey River
2016-2019**



Observed Brood Parasitism of SWFL by BHCO at Lake Henshaw and the Downstream Portion of the SLR 2019-2021



BROOD PARASITISM OF SWFL BY BHCO AT SAN LUIS REY AND LAKE HENSHAW



CNF PROPOSES LETHAL CONTROL OF BHCO IN THE SAN LUIS REY RIVER AND LAKE HENSHAW TO REDUCE BROOD PARASITISM OF SWFL.

- Proposed methods include:
 - Playing recorded BHCO vocalizations combined with mist-netting to lure, capture, and euthanize BHCO. – SL Rey Picnic Area
 - Playing recorded BHCO vocalizations and utilizing a pellet rifle with non-lead pellets to selectively remove BHCO at Lake Henshaw where the larger area makes mist-netting less feasible.
 - All captured BHCO would be humanely dispatched through cervical dislocation and buried off-site per CA state requirements.

ADVANTAGES OF MIST-NETTING AND SHOOTING

Less Labor Intensive

Control work would be conducted once weekly from late April to end of June to target the SWFL nesting season and the cowbird egg-laying season.

More Selective Technique

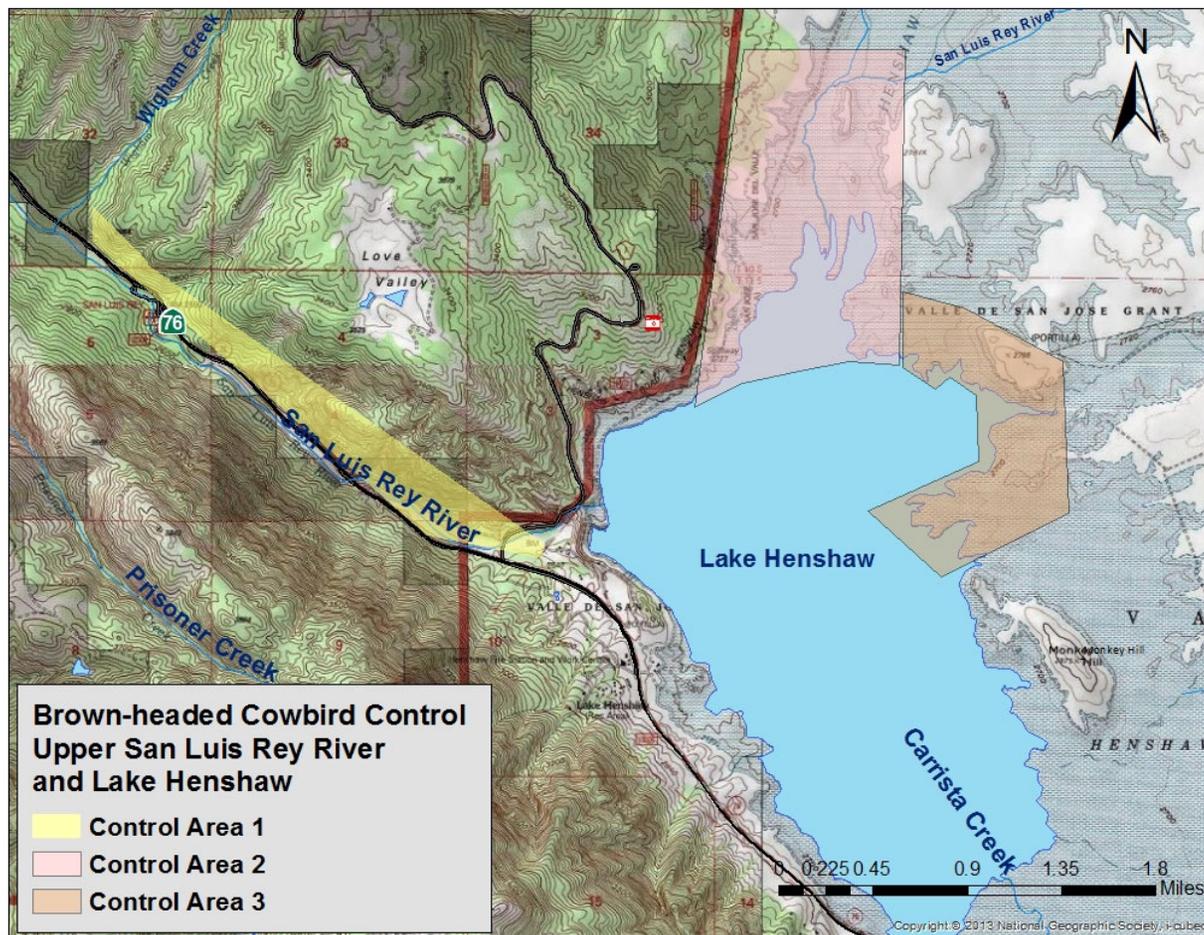
Reduce by-catch of nontarget species

Reduce public tampering with equipment

Eliminate care of lure birds



PROPOSED BHCO LETHAL REMOVAL LOCATIONS



PERMITTING INVOLVED

- 50 CFR § 21.43 - Depredation order for blackbirds, cowbirds, crows, grackles, and magpies.
- Stipulates that no permit is required to lethally control brown-headed cowbirds “to protect a species recognized by the Federal Government, a State, or a Tribe as an endangered, threatened, or candidate, species, or a species of special concern, including critical habitat for any listed species”.
- Also stipulates that harassment requirement prior to lethal control “does not apply to Federal, State, or Tribal employees conducting brown-headed cowbird trapping to protect a species recognized by the Federal Government, a State, or a Tribe as endangered, threatened, candidate, or of special concern”.

Reasons for Not Using
Firearms Along Downstream
Portion of San Luis Rey River

SECTION 3004A OF CA FISH AND GAME CODE
STATES THAT IT IS UNLAWFUL FOR A PERSON TO
HUNT OR DISCHARGE A DEADLY WEAPON WITHIN
150 YARDS OF AN OCCUPIED RESIDENCE OR
BUILDING. THE SAN LUIS REY PICNIC AREA IS
WITHIN 150 YARDS FOR A PORTION OF THE
CONTROL AREA.

SECTION 3004B OF CA FISH AND GAME CODE
STATES THAT "IT IS UNLAWFUL FOR A PERSON TO
INTENTIONALLY DISCHARGE A FIREARM OR
RELEASE AN ARROW OR CROSSBOW BOLT OVER OR
ACROSS A PUBLIC ROAD OR OTHER ESTABLISHED
WAY OPEN TO THE PUBLIC IN AN UNSAFE AND
RECKLESS MANNER". WHILE NO FIREARMS
DISCHARGE WOULD OCCUR OVER HIGHWAY 76,
THE PUBLIC PERCEPTION OF FIREARMS BEING
USED ADJACENT TO A PUBLIC ROADWAY WOULD
BE PROBLEMATIC.

CLOSING REMARKS

- Lake Henshaw is now the most important SWFL nesting area in SD County
- BHCO brood parasitism in SLR/Lake Henshaw area has been documented in up to 40% of SWFL nests
- BHCO removal would benefit nesting SWFL at SLR/Lake Henshaw
- This plan would allow a targeted, less intensive approach than previous BHCO removals in the area
- Majority of property where control work could be conducted is owned by VID and would require coordination and access by VID





QUESTIONS?



Agenda Item: 9

STAFF REPORT

Board Meeting Date: March 16, 2022
Prepared By: Brett Hodgkiss

SUBJECT: MATTERS PERTAINING TO THE ACTIVITIES OF THE SAN DIEGO COUNTY WATER AUTHORITY

SUMMARY: Informational report by staff and directors concerning the San Diego County Water Authority. No action will be required.



STAFF REPORT

Agenda Item: 10.A

Board Meeting Date: March 16, 2022
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS

SUMMARY: Directors will present brief reports on meetings and events attended since the last Board meeting.



STAFF REPORT

Agenda Item: 10.B

Board Meeting Date: March 16, 2022
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: SCHEDULE OF UPCOMING MEETINGS AND EVENTS

SUMMARY: The following is a listing of upcoming meetings and events. Requests to attend any of the following events should be made during this agenda item.

	SCHEDULE OF UPCOMING MEETINGS AND EVENTS	ATTENDEES
1	The Colorado River Compact: Navigating the Future <i>Mar. 17-18, 2022; Virtual</i> <i>Registration deadline: 3/16/22</i>	MacKenzie (R)
2	California Water Law Symposium <i>Apr. 9, 2022; University of California, Davis</i> <i>Registration deadline: 3/27/22</i>	
3	ACWA Spring Conference <i>May 3-5, 2022; Sacramento</i> <i>Registration deadline: 4/22/22</i>	MacKenzie (R) Vásquez (R, H, A)
4	Council of Water Utilities Meeting <i>May 17, 2022, 8:00 a.m.–9:30 a.m.; Location TBD</i> <i>Registration deadline: TBD</i>	Vásquez
5	Special Districts Legislative Days <i>May 17-18, 2022; Sheraton Grand Sacramento Hotel, Sacramento</i> <i>Registration deadline: 4/15/22</i>	MacKenzie (R)
6	CSDA Quarterly Meeting <i>May 19, 2022, 6:00 p.m.; Location TBD</i> <i>Registration deadline: TBD</i>	
7	Council of Water Utilities Meeting <i>Jul. 19, 2022, 8:00 a.m.–9:30 a.m.; Location TBD</i> <i>Registration deadline: TBD</i>	Vásquez
8	CSDA Quarterly Meeting <i>August 18, 2022, 6:00 p.m.; Location TBD</i> <i>Registration deadline: TBD</i>	
9	CSDA Annual Conference <i>Aug. 22-25, 2022; JW Marriott Desert Springs Resort, Palm Desert</i> <i>Registration deadline: 7/22/22</i>	
10	Council of Water Utilities Meeting <i>Sep. 20, 2022, 8:00 a.m.–9:30 a.m.; Location TBD</i> <i>Registration deadline: TBD</i>	Vásquez
11	CALAFCO Annual Conference <i>Oct. 19-21, 2022; Hyatt Regency, Newport Beach</i> <i>Registration deadline: TBD</i>	
12	Council of Water Utilities Meeting <i>Nov. 15, 2022, 8:00 a.m.–9:30 a.m.; Location TBD</i> <i>Registration deadline: TBD</i>	Vásquez
13	CSDA Quarterly Meeting <i>Nov. 17, 2022, 6:00 p.m.; Location TBD</i> <i>Registration deadline: TBD</i>	

	SCHEDULE OF UPCOMING MEETINGS AND EVENTS	ATTENDEES
14	ACWA Fall Conference <i>Nov. 29-Dec. 1, 2022; Indian Wells</i> <i>Registration deadline: TBD</i>	
15	Colorado River Water Users Association Conference (CRWUA) <i>Dec. 14-16, 2022; Las Vegas</i> <i>Registration deadline: TBD</i>	

* Non-per diem meeting except when serving as an officer of the organization

The following abbreviations indicate arrangements that have been made by staff:

R=Registration; **H**=Hotel; **A**=Airline; **S**=Shuttle; **C**=Car; **T**=Tentative; **◇**=Virtual (Attendee to self-register)



STAFF REPORT

Agenda Item: 11

Board Meeting Date: March 16, 2022
Prepared By: Lisa Soto

SUBJECT: ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

SUMMARY: This item is placed on the agenda to enable the Board to identify and schedule future items for discussion at upcoming Board meetings and/or identify press release opportunities.

Staff-generated list of tentative items for future agendas:

- Harmful Algal Blooms treatment options (April)
- Cybersecurity (April)
- Ethics Training (April 19, 2022 at 9 AM)
- Fallbrook Public Utility District/Rainbow Municipal Water District detachment



Agenda Item: 12

STAFF REPORT

Board Meeting Date: March 16, 2022
Prepared By: Lisa Soto

SUBJECT: COMMENTS BY DIRECTORS

SUMMARY: This item is placed on the agenda to enable individual Board members to convey information to the Board and the public not requiring discussion or action.



Agenda Item: 13

STAFF REPORT

Board Meeting Date: March 16, 2022
Prepared By: Brett Hodgkiss

SUBJECT: COMMENTS BY GENERAL COUNSEL

SUMMARY: Informational report by the General Counsel on items not requiring discussion or action.



Agenda Item: 14

STAFF REPORT

Board Meeting Date: March 16, 2022
Prepared By: Brett Hodgkiss

SUBJECT: COMMENTS BY GENERAL MANAGER

SUMMARY: Informational report by the General Manager on items not requiring discussion or action.