

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

November 4, 2020

A Regular Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, November 4, 2020 at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

President Vásquez called the meeting to order at 9:00 a.m.

2. ROLL CALL

Directors present: Miller, Dorey, Sanchez, and MacKenzie; President Vásquez was also present via teleconference.

Directors absent: None.

Staff present: Brett Hodgkiss, General Manager; Ramae Ogilvie, Administrative Assistant; Don Smith, Director of Water Resources; Randy Whitmann, Director of Engineering; Frank Wolinski, Director of Operations and Field Services; and Marlene Kelleher, Director of Administration. General Counsel David Cosgrove was also present.

Other attendees: Rodney Smith of Stratecon, Inc. and Bob Campbell (via teleconference) of Water Resource Consultants, Inc. were present for agenda Item 7. Reza Samandari and Lee Whittington were present via teleconference for agenda Item 10.

3. PLEDGE OF ALLEGIANCE

Director Sanchez led the pledge of allegiance.

4. APPROVAL OF AGENDA

20-11-93	<i>Upon motion by Director Miller, seconded by Director MacKenzie and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors approved the agenda as presented.</i>
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5. ORAL COMMUNICATIONS

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

6. CONSENT CALENDAR

20-11-94	<i>Upon motion by Director Miller, seconded by Director MacKenzie and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors approved the Consent Calendar, including Resolution No. 20-30 approving disbursements.</i>
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A. Minutes of Board of Directors meeting on October 21, 2020

The minutes of October 21, 2020 were approved as presented.

B. Resolution ratifying check disbursements

RESOLUTION NO. 20-30

BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 65461 through 65553 drawn on Union Bank totaling \$1,113,765.60.

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 4th day of November 2020.

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7. PRESENTATION ON ECONOMIC CONSIDERATIONS RELATED TO THE SAN DIEGO COUNTY WATER AUTHORITY’S PROPOSED REGIONAL CONVEYANCE SYSTEM

See staff report attached hereto.

General Manager Brett Hodgkiss presented an overview of the item, stating that the San Diego County Water Authority (Water Authority) has been studying a Regional Conveyance System (RCS) to transport a supply of conserved water from Imperial Irrigation District (IID) and a supply from lining the All-American and Coachella canals to the San Diego region (Region). Currently, both supplies are conveyed via the Colorado River Aqueduct, owned and operated by Metropolitan Water District of Southern California (MWD), via an exchange agreement, which expires in 2047. The RCS would provide conveyance independence from MWD.

Mr. Hodgkiss stated that the Board received an informational report on the San Diego County Water Authority Regional Conveyance System Feasibility Review prepared by Don MacFarlane, DLM Engineering, and Doug Gillingham, Gillingham Water on August 19, 2020. He noted that the review indicated that the project was feasible from an engineering perspective; however, the economic and financial analysis of the project were sensitive to changes in cost factors, such as the projected escalation in MWD’s rates as well as the projected interest rates associated with financing the project. He added that changes in either of these factors could affect the overall financial viability of the project.

Mr. Hodgkiss stated that on August 27, 2020 the Water Authority delayed the vote on Phase B of the feasibility study, which would explore partnership opportunities and analyze project economics, in order to allow further outreach to Water Authority member agencies and stakeholders. He introduced Messrs. Rodney Smith of Stratecon, Inc. and Bob Campbell of Water Resource Consultants, Inc. and thanked them for taking the time to address the Board.

Mr. Smith presented the Economic Analysis and Risk Assessment of Water Delivery Alternatives via a PowerPoint presentation (attached) and reviewed the fundamental factors of moving forward with Phase B of the study. He discussed two possible alternatives, a “rental agreement” with MWD giving the Water Authority access to the Colorado River Aqueduct via an exchange agreement or the construction and ownership of the RCS by the Water Authority, ensuring local control, partnership opportunities and mitigation of the risk associated with the uncertainty of MWD rates and charges.

Mr. Smith reviewed a graph showing the history of MWD water rates, pointing out that MWD water rates have been outpacing inflation regularly. He stated that Phase B of the study would include an economic analysis and risk assessment focused on the future of both MWD and Water Authority water rates and supply reliability; Phase B would also include a comparative analysis of the Water Authority's conveyance under an exchange agreement versus the RCS.

Mr. Smith reviewed the risk factors driving MWD's rates and charges, fixed and variable costs, and water sales. He discussed how to identify what may affect MWD's rate structure in the future, such as current cost-of-service studies, changes in cost allocation and rate restructuring probability and timing. Mr. Smith presented an Integrated RCS Decision Model identifying each factor that should be considered in making an informed decision.

Mr. Smith stated that the RCS is not yet a project; it is only being studied at this time. Phase B would be a complete economic/financial analysis and risk assessment of the two alternatives and would also evaluate partnership opportunities. He added that he and Mr. Campbell have advised the Water Authority to open negotiations with IID to secure an agreement extension past 2047 as part of Phase B and suggested adding geothermal power partnerships as a topic of discussion.

The Board discussed and commented on the information presented. Mr. Hodgkiss mentioned that some Water Authority member agencies have expressed concerns about future demands being less than "take or pay" commitments and the impact that lower demands would have on the financial viability of the RCS project. Mr. Smith commented that demand projections would be looked at as part of Phase B.

Mr. Hodgkiss thanked the Water Authority and Director Miller (as Vista Irrigation District's representative to the Water Authority) for arranging the presentation by Messrs. Smith and Campbell. The Board thanked Mr. Smith and Mr. Campbell for their presentation.

At this time, the Board took a brief break from 10:30 a.m. to 10:40 a.m.

8. DIVISION REPORTS

See staff report attached hereto.

Mr. Hodgkiss stated that the Warner Ranch Ditch Repair Project is complete; pumped water from the wellfield is currently being conveyed to Lake Henshaw via the repaired ditch system. Director of Water Resources Don Smith added that the wells will continue operating for a couple of weeks in order to test the system; the wellfield will shut down from late fall 2020 to spring 2021.

Director of Engineering Randy Whitmann updated the Board regarding the status of Request for Proposals for the Flume Replacement Alignment Study. He stated that three firms have declined to submit a proposal; however, he believes there could be multiple firms that may team up to submit a single proposal.

Director of Operations and Field Services Frank Wolinski updated the Board regarding the boiler installation at the District Headquarters.

A brief break was taken from 10:43 a.m. to 10:53 a.m. Upon return from break, the following agenda item was taken out of sequence.

15. COMMENTS BY GENERAL COUNSEL

Mr. Cosgrove reported on a lawsuit brought about by California Assembly members James Gallagher (R-Yuba City) and Kevin Kiley (R-Rocklin) challenging Governor Newsom's executive order no. N-67-20 requiring that all California residents registered to vote in the November 2020 elections receive vote-by-mail ballots. State Superior Court Judge Sarah Heckman ruled against the executive order finding it improperly amended existing statutory law, exceeding the governor's authority and violating the separation of powers.

9. EXCHANGE AND TEMPORARY SERVICE AGREEMENTS

See staff report attached hereto.

Mr. Whitmann provided an overview of the types and terms of exchange and temporary service agreements. He stated that exchange agreements are between Vista Irrigation District (District) and a neighboring agency and used in situations where an agency does not have the facilities to service its customers. Mr. Whitmann reviewed a map of the District's service area showing all the locations of the current exchange agreements, noting that there are 26 District customers served by Vallecitos, 57 Vallecitos customers served by the District, and 13 City of Oceanside (Oceanside) customers served by the District.

Mr. Whitmann stated that the exchange agreement with Oceanside is for a master meter that feeds 13 properties; he said that either party may cancel the agreement by giving written notice. Mr. Whitmann said that the terms of the agreement with Oceanside are more permanent in nature (than the exchange agreements with Vallecitos) because they lack any discussion on future conversion of the customers back to Oceanside's system.

Mr. Whitmann stated that exchange agreements with Vallecitos are entered into for each property served and are meant to be temporary. The agreements may be terminated by either party under certain conditions (e.g. intended servicing agency extends facilities to serve the exchange property, the neighboring agency no longer has capacity to serve the exchange property, etc.) and by giving written notice.

Mr. Whitmann stated that the use of exchange agreements was common practice up until recent years; both agencies now promote service area reorganizations through LAFCO when service to an area appears to be permanent. A recent example of a reorganization through LAFCO was the Catalina Heights Reorganization completed earlier in 2020 in which a single-family lot split between the District's service area and Vallecitos' service area. The District had a main adjacent to the parcel so the owner was required to annex into the District instead of using an exchange agreement.

Mr. Whitmann reviewed a recent project in which an exchange agreement benefited the District. Referencing Detail Map 1, he stated that the District had 2,600 feet of Nipponite asbestos cement pipe within Deer Springs Road and Sarver Lane that served several parcels in the vicinity and was in need of replacement. An exchange agreement allowed this section of pipe to be abandoned, saving the District \$585,000 in replacement construction costs. Mr. Whitmann noted that had this been a current project, Vallecitos would have required a formal reorganization through LAFCO, which would have cost the District approximately \$380,000 in annexation and capacity fees. While costly, this approach would have still been less costly than pipeline replacement.

Mr. Whitmann reviewed Detail Map 2 stating that the District and Vallecitos are currently discussing a permanent reorganization of four District customers in the Calle Maria area that are being served directly off the Flume. He explained that it would be more cost effective for the District to pay to annex the properties to Vallecitos than to extend two Vallecitos mains to serve these properties and make

them exchange meters. Mr. Whitmann also reviewed Detail Map 3 showing all the exchange meters in the “Bennett” service area related to the Nordahl Road subdivision where a District detachment and exchange agreement is being considered (agenda Item 10).

Mr. Whitmann explained that Temporary Service Agreements (TSAs) are between the District and a customer and have been used in lieu of requiring a main extension to the property; the District has just under 500 TSAs. He stated that the Board approved Resolution No. 98-43 in December 1998 that established a temporary offsite meter fee, eliminating the need for TSAs. Mr. Whitmann stated that the current practice, when a main extension is not desired by the District nor feasible at the time, is to allow either a temporary or permanent offsite service without an agreement.

Mr. Whitmann stated that while the use of TSAs is no longer common practice, there are still unique circumstances in which they are proposed. In 2017, the District allowed a TSA for offsite water service to parcels located in a steep hilly area known as Chicago Tribune Hills. He explained that a future extension would require major planning for facilities and include facilities such as pump stations, pipelines, and tanks. The established offsite meter fee would not cover the cost of the required facilities; therefore, use of a TSA was necessary under these circumstances.

10. NORDAHL ROAD SUBDIVISION

See staff report attached hereto.

Mr. Whitmann stated that the proposed Nordahl Road project is a 15-lot single-family residential subdivision located on Nordahl Road within the sphere of influence of Vallecitos in the “Bennett” service area. He said that the nearest Vallecitos water main is approximately 1,200 feet away on Rock Springs Road, and a Vallecitos pipeline extension to serve this subdivision would not be feasible at this time. Mr. Whitmann noted that there is a single-family residence on the subject parcel that is currently being served by the District from a main fronting the property.

Mr. Whitmann reviewed three options to be considered for this project. A full conversion of the project from the District to Vallecitos, which would cost the owner upwards of a quarter million dollars to extend a pipeline from a Vallecitos main in Rock Springs Road to the proposed subdivision on Nordahl Road. A partial conversion requiring a detachment from the District and annexation into Vallecitos (through the LAFCO reorganization process) and a Vallecitos pipeline extension to the subdivision that is fed from the District’s main; water service to the customers would be provided via a temporary exchange agreement. Lastly, no conversion and the District would provide water service to the project.

Mr. Samandari, Owner, and Mr. Whittington, Civil Engineer for the project, addressed the Board via teleconference stating that they are awaiting the decision of the Board in order to move forward with their project. They stated that they would prefer that the project stay with the District (option 3 above).

The Board discussed the options presented, including costs and future concerns associated with providing water service to properties located in the “Bennett” area. The Board decided that the District should serve the project and move forward with the subdivision/water main extension project.

20-11-95	<i>Upon motion by Director Miller, seconded by Director Sanchez and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors decided not to reorganize and will notify Vallecitos Water District that the District intends to serve the project instead of entering into an exchange agreement with Vallecitos Water District.</i>
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11. MATTERS PERTAINING TO THE ACTIVITIES OF THE SAN DIEGO COUNTY WATER AUTHORITY

See staff report attached hereto.

Director Miller reported that Christy Guerin from Olivenhain Municipal Water District resigned from the San Diego County Water Authority (Water Authority) Board of Directors, vacating her position as Vice Chair. He also reported that no members of the Water Authority Board of Directors lost their seats in the recent election.

12. MEETINGS AND EVENTS

See staff report attached hereto.

Director MacKenzie reported on her attendance at the Association of California Water Agencies (ACWA) Legislative Committee meeting in which there was discussion on proposed legislation concerning retail water rate validation actions. The Committee also discussed proposed legislation regarding access to public meetings via teleconferencing; more specifically, the legislation would address issues related to providing opportunities for public comment during meetings.

Mr. Hodgkiss stated that the guest speakers at the Council of Water Utilities (COWU) Meeting on November 17, 2020 would be Gloria Gray, Chair of the MWD Board of Directors, and Gary Croucher, Chair of the Water Authority Board of Directors. Director Vásquez requested to attend (virtually via Zoom) the November meeting of COWU.

Director Sanchez reported that the ACWA Business Development Committee meeting was canceled and will not be rescheduled until after the Fall ACWA Conference. He requested to attend the virtual Fall ACWA Conference on December 2, 2020.

20-11-96	<i>Upon motion by Director MacKenzie, seconded by Director Miller and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors approved President Vásquez to attend the Council of Water Utilities Meeting on the November 17, 2020; and Director Sanchez to attend the Fall ACWA Conference on December 2, 2020.</i>
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13. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

See staff report attached hereto.

Mr. Hodgkiss stated that renewal of the lease and license agreements with United States Navy for the Remote Training Site at Warner Springs will be presented to the Board for its consideration at a future meeting; the current lease and license agreements are set to expire at the end of 2020.

14. COMMENTS BY DIRECTORS

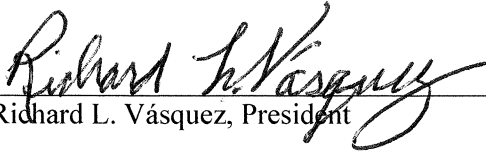
Director MacKenzie reported that ACWA Groundwater Committee will meet on December 8, 2020 and a date for ACWA Water Quality Committee meeting has yet to be determined. She reported that the California Special Districts Association (CSDA) Quarterly meeting will be held virtually (via Zoom) on November 19, 2020; the speaker will be Dennis Probst, Vice President of Development for the Airport Authority.

16. COMMENTS BY GENERAL MANAGER

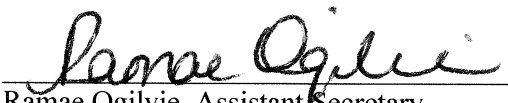
Mr. Hodgkiss had nothing to report.

17. ADJOURNMENT

There being no further business to come before the Board, at 12:33 p.m. President Vásquez adjourned the meeting to November 18, 2020 at 9:00 a.m.


Richard L. Vásquez, President

ATTEST:


Ramae Ogilvie, Assistant Secretary
Board of Directors
VISTA IRRIGATION DISTRICT



Cash Disbursement Report

Payment Dates 10/8/2020 - 10/21/2020

Payment Number	Payment Date	Vendor	Description	Amount
65461-65462	10/14/2020	Refund Checks 65461-65462	Customer Refunds	260.01
65463	10/14/2020	ACWA/JPIA	Dam Failure Liability Insurance 10/1/20 - 9/30/21	34,798.00
65464	10/14/2020	ACWA/JPIA	Auto/General Liability Insurance 10/1/20 - 10/1/21	194,621.00
65465	10/14/2020	Cass Arrieta	Warner Ranch Ditch Repair 08/2020	449,851.21
65466	10/14/2020	Cecilia's Safety Service Inc	Traffic Control - Nettleton Rd/W Vista Way	2,565.00
	10/14/2020		Traffic Control - York Drive	6,127.50
	10/14/2020		Traffic Control - Cedar Road/W Vista Way	2,850.00
65467	10/14/2020	Chris and Sameera King	Reimbursement for Water Damage	4,612.00
65468	10/14/2020	Coast Fitness Repair Shop	Maintenance of Fitness Rooms Equipment	200.00
65469	10/14/2020	Glennie's Office Products Inc	Office Supplies - Paper	968.73
65470	10/14/2020	Infrastructure Engineering Corporation	Warner Ranch Ditch Repair 09/2020	23,410.00
65471	10/14/2020	Mallory Safety and Supply, LLC	Full Face Respirator	422.18
65472	10/14/2020	Paychex of New York LLC	Onboarding/Recruiting Service	812.50
65473	10/14/2020	Save Our Heritage Organisation	WCRH O&M Contribution 10/2020 - 12/2020	3,000.00
65474	10/14/2020	Wienhoff Drug Testing	DER Training 09/16/20 (3) - DOT Program	225.00
65475-65480	10/21/2020	Refund Checks 65475-65480	Customer Refunds	961.81
65481	10/21/2020	Refund Checks 65481	Customer Refund	30.65
65482	10/21/2020	Refund Checks 65482	Customer Refund	1,177.42
65483	10/21/2020	ACWA/JPIA	Medical & Dental Insurance 11/2020 - Cobra	33.72
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	1,650.70
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	33.72
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	825.35
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	69.09
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	69.09
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	69.09
	10/21/2020		Medical & Dental Insurance 11/2020 - Cobra	825.35
	10/21/2020		Medical & Dental Insurance 11/2020 - Employees	165,978.07
	10/21/2020		Medical & Dental Insurance 11/2020 - Retirees	40,372.37
	10/21/2020		Medical & Dental Insurance 11/2020 - P Dorey	1,719.79
	10/21/2020		Medical & Dental Insurance 11/2020 - J MacKenzie	1,790.34
	10/21/2020		Medical & Dental Insurance 11/2020 - M Miller	1,790.34
	10/21/2020		Medical & Dental Insurance 11/2020 - P Sanchez	1,790.34
	10/21/2020		Medical & Dental Insurance 11/2020 - R Vasquez	1,719.79
65484	10/21/2020	ACWA/JPIA	Workers Compensation 7/1/20 - 9/30/20	43,553.96
65485	10/21/2020	Amazon Capital Services	LED Shop Lights	348.99

Payment Number	Payment Date	Vendor	Description	Amount
	10/21/2020		Flap Discs, Saw Blades - Warehouse Non-Stock	108.84
	10/21/2020		Temperature Sensor - Truck 1	85.52
	10/21/2020		Token of Goodwill Credit (defective part)	(20.00)
	10/21/2020		Sunscreen, Coin Cell Battery - Warehouse Non-Stock	101.70
	10/21/2020		24V Jump Starter	(431.92)
	10/21/2020		Thermometers - COVID-19	303.07
	10/21/2020		Battery for Work lamp (1)	43.53
	10/21/2020		Saw Blades (10) - Warehouse Non-Stock	54.09
65486	10/21/2020	Answering Service Care, LLC	Answering Service	395.00
65487	10/21/2020	Auto Specialist Warehouse	Rear Brake Rotors, Shocks - Truck 16	357.31
65488	10/21/2020	BHA Inc	Warner Ranch Ditch Repair/Surveying 09/2020	1,450.00
65489	10/21/2020	Big Drip Plumbing	Meter Tie-backs - Pala Vista	1,100.00
65490	10/21/2020	Bruce & Claudia De Soto	Reimburse for Damage 10/2020	69.50
65491	10/21/2020	California Department of Tax and Fee Administration	Sept '20 Use Tax Return	17.00
65492	10/21/2020	Canon Solutions America, Inc	Canon Supplies & Service	16.04
65493	10/21/2020	CDW Government Inc	3rd Party Patches	524.00
65494	10/21/2020	Cecilia's Safety Service Inc	Traffic Control - York Drive	6,317.50
	10/21/2020		Traffic Control - W Vista Way/Nettleton Rd	5,320.00
	10/21/2020		Traffic Control - E Vista Way	1,805.00
	10/21/2020		Traffic Control - Camino Redondo	760.00
	10/21/2020		Traffic Control - W Vista Way/Nettleton Rd	2,945.00
	10/21/2020		Traffic Control - W Los Angeles Dr	1,425.00
65495	10/21/2020	Christian Magill	Reimburse - Footwear Program	166.96
65496	10/21/2020	CleanCapital HC4 Borrower LLC	Solar Use 09/2020	4,465.60
65497	10/21/2020	Coast Equipment Rentals	Concrete	184.02
65498	10/21/2020	Core & Main	End Caps (2)	105.67
65499	10/21/2020	Craneworks Southwest Inc	Hydraulic Hose - C3	122.03
	10/21/2020		Hydraulic Hoses (2) - B6	218.86
65500	10/21/2020	Diamond Environmental Services	Portable Restroom Service	114.70
	10/21/2020		Portable Restroom Service	84.39
	10/21/2020		Stationary & Portable Restroom Service	317.25
65501	10/21/2020	Digital Deployment, Inc	Website Hosting, Maintenance & Support	300.00
65502	10/21/2020	Direct Energy	Electric 09/2020 - VID	1,468.92
	10/21/2020		Electric 09/2020 - Henshaw Buildings & Grounds	162.02
	10/21/2020		Electric 09/2020 - Henshaw Well Field	2,364.41
	10/21/2020		Electric 09/2020 - T & D / Cathodic Protection	55.35
	10/21/2020		Electric 09/2020 - Reservoirs	11.31
	10/21/2020		Electric 09/2020 - Pump Stations	10,235.47
	10/21/2020		Electric 09/2020 - Treatment Plants	33.39
65503	10/21/2020	DIRECTV	Direct TV Service	97.99

Payment Number	Payment Date	Vendor	Description	Amount
65504	10/21/2020	EDCO Waste & Recycling Services Inc	Trash Service 09/2020	245.71
	10/21/2020		40 yd Dumpster	434.24
65505	10/21/2020	Electrical Sales Inc	Hubs (4)	25.66
	10/21/2020		Light Ballasts (2)	49.78
65506	10/21/2020	FedEx	Express Shipping	43.96
65507	10/21/2020	Ferguson Waterworks	Ball Valve 1" FIP x FIP with handle PSI 150 (3)	239.99
	10/21/2020		Service Saddle 4x1 Brass AC (2)	176.90
	10/21/2020		Coupling 10" Macro 2 Bolt (3)	1,350.80
	10/21/2020		Tubing 1" Copper Soft 60' (200)	922.29
	10/21/2020		Coupling 1"x1" Female Flare Super Grip (7)	161.40
	10/21/2020		Flange 6" DI Blind 8-hole (2)	111.71
	10/21/2020		Coupling .75" Repair CxC Copper (4)	3.68
	10/21/2020		3/4" Meter Gaskets - 1/8" Thick (200)	62.79
	10/21/2020		1" Meter Gaskets - 1/8" Thick (400)	151.55
	10/21/2020		10" Push-On Rubber Gaskets (10)	61.70
	10/21/2020		Brass Parts	165.08
	10/21/2020		3" Valve Setter (1)	437.37
	10/21/2020		DFW Meter Box Small DFW1324CH4-12 (55)	4,760.02
	10/21/2020		DFW Meter Box Lid Medium 1220E (VID Stamp) (15)	779.40
	10/21/2020		DFW Meter Box Lid Small D1324 (VID Stamp) (60)	3,442.35
	10/21/2020		DFW Meter Box Lid 3.5 DFW36C (VID Stamp) (30)	1,234.05
65508	10/21/2020	G & R Auto & Truck Repair	Clutch Installation - Truck 22	2,714.65
65509	10/21/2020	Glennie's Office Products Inc	Office Supplies	8.12
	10/21/2020		Office Supplies	268.83
	10/21/2020		Office Supplies	28.79
	10/21/2020		Office Supplies	(70.57)
65510	10/21/2020	Grainger	Contractor Switch	88.62
65511	10/21/2020	Hanna Plumbing	Toilet Gasket	16.23
65512	10/21/2020	Hawthorne Machinery Co	Parts to Repair Backhoe - B21	142.73
65513	10/21/2020	HUB Construction Specialties	Concrete Form Tube	17.25
	10/21/2020		Tamper Parts	622.06
	10/21/2020		Tamper Parts	(622.06)
65514	10/21/2020	IDEXX Distribution Corporation	Quality Control Media for Bac-T	246.89
65515	10/21/2020	Jan-Pro of San Diego	Janitorial Service 09/2020 - COVID-19	1,344.00
65516	10/21/2020	Ken Grody Ford Carlsbad	Wire Harness Pigtail (1)	37.95
65517	10/21/2020	Lawnmowers Plus Inc	Stihl Chainsaw Parts	27.85
	10/21/2020		Parts & Supplies	158.96
	10/21/2020		Chainsaw Parts	32.07
	10/21/2020		Pull Starter Rope	35.28
	10/21/2020		Chainsaw	193.90

Payment Number	Payment Date	Vendor	Description	Amount
	10/21/2020		Chainsaw Parts	22.12
	10/21/2020		Parts for Weed Whip	50.77
65518	10/21/2020	Leon Perrault Trucking & Materials	Trucking & Material 09/2020	17,031.88
65519	10/21/2020	Major League Pest	Monthly Pest Control	225.00
65520	10/21/2020	Mallory Safety and Supply, LLC	Vest Lime Hi-Viz 3XL (3)	52.77
	10/21/2020		Vest Lime Hi-Viz 2XL (4)	70.36
	10/21/2020		Vest Lime Hi-Viz XL (10)	175.91
	10/21/2020		Vest Lime Hi-Viz LG (4)	70.36
65521	10/21/2020	McMaster-Carr Supply Company	Stainless Steel Hardware	63.85
	10/21/2020		Gaskets (20)	267.28
	10/21/2020		Flow Restrictor, Washers	54.62
65522	10/21/2020	Medical Eye Services	Vision Insurance 11/2020 - Cobra	8.78
	10/21/2020		Vision Insurance 11/2020 - Cobra	8.78
	10/21/2020		Vision Insurance 11/2020 - Employees	1,559.62
	10/21/2020		Vision Insurance 11/2020 - P Sanchez	14.24
	10/21/2020		Vision Insurance 11/2020 - M Miller	14.24
	10/21/2020		Vision Insurance 11/2020 - J MacKenzie	14.24
	10/21/2020		Vision Insurance 11/2020 - P Dorey	14.24
	10/21/2020		Vision Insurance 11/2020 - R Vasquez	14.24
65523	10/21/2020	Moody's	Dump Fees (2)	400.00
	10/21/2020		Dump Fees (2)	400.00
65524	10/21/2020	NAPA Auto Parts	Couplers (2)	218.64
	10/21/2020		Blower Motor - Truck 10	176.98
	10/21/2020		Load Control Bars - Truck 74	54.10
	10/21/2020		Filters	50.91
65525	10/21/2020	North County Auto Parts	Shop Chemicals	102.04
	10/21/2020		Shop Chemicals, Hardware	33.81
	10/21/2020		Oil - VE2	61.67
	10/21/2020		Rear Brake Pads - Truck 16	53.23
65526	10/21/2020	North County Rebuilders	Alternator - Truck 1	193.77
65527	10/21/2020	O'Reilly Auto Parts	Blower Motor - Truck 10	214.32
65528	10/21/2020	Plateau Pest Solutions Inc	Bee Removal (5), Hive Removal (3)	325.00
65529	10/21/2020	Premier Chevrolet	Tailgate Handle - Truck 73	92.38
65530	10/21/2020	Ramona Disposal Service	Trash Service 10/2020	167.50
65531	10/21/2020	Rancho Environmental Service	Tree Trimming & Stump Grinding	1,325.00
	10/21/2020		Removal of Trees (2) - Thibodo Rd	5,800.00
65532	10/21/2020	RC Auto & Smog	Smog Inspection - Truck 49	50.00
	10/21/2020		AC Compressor & Blower Motor Repairs - Truck 1	1,647.49
65533	10/21/2020	San Diego County Vector Control Program	County Mosquito Control 07/2020 - 06/2021	370.37
65534	10/21/2020	San Diego Gas & Electric	Electric 09/2020 - T&D	95.68

Payment Number	Payment Date	Vendor	Description	Amount
	10/21/2020		Electric 09/2020 - Reservoirs	58.11
	10/21/2020		Electric 09/2020 - Cathodic Protection & T&D	247.89
	10/21/2020		Electric 09/2020 - Reservoirs	785.81
	10/21/2020		Electric 09/2020 - Pump Stations	9,704.41
	10/21/2020		Electric 09/2020 - Plants	116.49
65535	10/21/2020	SignArt	CA Decals	32.33
65536	10/21/2020	SiteOne Landscape Supply, LLC	Schedule 40 PVC Pipe	12.71
	10/21/2020		Drain Basin & Supplies	77.00
65537	10/21/2020	Spok, Inc	Pagers	44.19
65538	10/21/2020	Sunbelt Rentals	Brush Cutter Rental	304.88
	10/21/2020		Concrete	284.66
	10/21/2020		Concrete	267.07
	10/21/2020		Concrete	271.12
65539	10/21/2020	Sunrise Materials Inc	Accelerator	48.71
	10/21/2020		Rapid Set	97.43
65540	10/21/2020	Superior Ready Mix Concrete	Concrete - E43	533.99
65541	10/21/2020	Ditch Witch West	Reusable Vac Filter, Spare Keys (7)	299.57
65542	10/21/2020	Tifco Industries	Electrical Connectors (75)	98.85
65543	10/21/2020	Midas Service Experts	Tires (2) - Truck 43	501.35
65544	10/21/2020	The San Diego Union-Tribune LLC	RFP Advertisement - Flatbed Build Svc	246.78
65545	10/21/2020	TS Industrial Supply	Shovel 4" Trench (3)	62.51
	10/21/2020		Plier 8" Lineman's Cut (1)	21.11
	10/21/2020		Curb Stop Key 1.25-2" CS320 (1)	46.55
	10/21/2020		Shovel Spade (1)	53.85
	10/21/2020		Poly Sprayer 1 gallon (1)	59.00
	10/21/2020		Strap 1"x12' Ratchet (5)	75.78
	10/21/2020		Pruner 1" (1)	25.69
	10/21/2020		Gloves Thickster Nitrile XL 100 per box (10)	172.66
	10/21/2020		Wrench T-Handle 5'-9" SW-510 (1)	148.09
	10/21/2020		Wire Brush with Plastic Handle 7 3/4" (3)	7.99
	10/21/2020		1" Paint Brush (30)	12.67
	10/21/2020		Marking Paint Blue #203 (12)	48.58
	10/21/2020		Striping Paint Blue #750 (12)	65.21
	10/21/2020		Striping Paint White #710 (12)	65.21
	10/21/2020		Sea 2" Pipe Wrap Tape (12)	93.27
	10/21/2020		Striping Paint Asphalt Black #770 (24)	130.42
	10/21/2020		Backfill Tamper (1)- Truck 65	971.83
	10/21/2020		Hammer 10" Tomahawk (6)	343.91
	10/21/2020		Fire Hose (42'), Couplings (4)	315.81
	10/21/2020		Gatorade Fruit Punch (144 packs)	128.82

Payment Number	Payment Date	Vendor	Description	Amount
	10/21/2020		2" Pipe Wrap Tape (20)	155.45
	10/21/2020		Nozzle #3W Welding (Victor) (1)	84.44
	10/21/2020		Striping Paint White #710 (12)	65.21
	10/21/2020		Marking Paint Blue #203 (12)	48.58
	10/21/2020		Striping Paint Asphalt Black #770 (24)	130.42
	10/21/2020		Wire Brush Wood Handle 14 Inch (3)	10.55
	10/21/2020		Marking Paint White #207 (12)	48.58
	10/21/2020		Gloves Welding LG (3)	66.90
	10/21/2020		Blade 14" Diamond Concrete (2)	448.59
	10/21/2020		Towel Wypall X80 (6)	233.17
	10/21/2020		Wrench Crescent 12" Adjustable (1)	36.26
	10/21/2020		Igloo Water Cooler 5 gal (1)	45.41
	10/21/2020		Nozzle #4W Welding (1)	86.60
	10/21/2020		Shovel Mud (1)	60.35
	10/21/2020		Marking Paint Roller (2)	45.79
	10/21/2020		Igloo Water Cooler 3 gal (1)	40.32
	10/21/2020		Gloves Thickster Nitrile XL 100 per box (10)	172.66
65546	10/21/2020	UniFirst Corporation	Uniform Service	336.60
	10/21/2020		Uniform Service	319.80
	10/21/2020		Uniform Service	319.80
	10/21/2020		Uniform Service	319.80
65547	10/21/2020	Vinje & Middleton Engineering Inc	Engineer Stamped Asphalt Compaction Report	1,350.00
65548	10/21/2020	Vulcan Materials Company and Affiliates	Cold Mix	2,027.64
65549	10/21/2020	Water District Jobs	Recruitment Advertising	145.00
65550	10/21/2020	WCT Products, Inc	Locating Equipment Leads (2)	258.57
65551	10/21/2020	White Nelson Diehl Evans LLP	Audit Services 09/2020	5,000.00
65552	10/21/2020	WIN-911 Software	Annual SCADA Alarm Software Support	495.00
65553	10/21/2020	Xerox Corporation	Xerox Supplies & Services	26.00
Grand Total:				1,113,765.60



STAFF REPORT

Board Meeting Date: November 4, 2020
Prepared By: Brett Hodgkiss

SUBJECT: PRESENTATION ON ECONOMIC CONSIDERATIONS RELATED TO THE SAN DIEGO COUNTY WATER AUTHORITY'S PROPOSED REGIONAL CONVEYANCE SYSTEM

RECOMMENDATION: Receive informational report.

PRIOR BOARD ACTION: At its August 19, 2020 meeting, the Board received an informational report on the San Diego County Water Authority Regional Conveyance System Feasibility Review prepared by Don MacFarlane, DLM Engineering, and Doug Gillingham, Gillingham Water.

FISCAL IMPACT: None.

SUMMARY: As Director Miller and staff have informed the Board, the San Diego County Water Authority (Water Authority) has been studying a Regional Conveyance System (RCS) to convey a supply of conserved water from Imperial Irrigation District and a supply from lining the All-American and Coachella canals to the San Diego region. Both supplies are conveyed through the Colorado River Aqueduct owned and operated by Metropolitan Water District of Southern California (Metropolitan) via an exchange agreement, which expires in 2047. The RCS would provide conveyance independence from Metropolitan.

DETAILED REPORT: The Water Authority contracted with Black & Veatch to perform engineering and limited economic analysis on the RCS and Hunter Pacific Group to review the financial analysis performed by Black & Veatch. Based on financial analysis performed by the consultants, the cost to construct the RCS is estimated at nearly \$5 billion. Black & Veatch's study finds that the RCS (Alignments 3A and 5A) is economically competitive with other alternatives, including development of local supply projects and continuing to convey water through Metropolitan, and provides long-term reliability and low-cost water to the region.

At its August 27, 2020 meeting, the Water Authority Board delayed a vote on the next phase of the study (Phase B), which includes refinements to work performed in Phase A as well as an exploration of partnership and funding opportunities, for 90 days to allow for additional sharing of information and continued dialogue with member agencies and stakeholders. As part of its outreach efforts, the Water Authority has offered to have its consultant economists, Rod Smith with Stratecon and Bob Campbell with Water Resource Consultants, present information on the economic considerations related to the proposed RCS to member agency staff and Board members. Director Miller requested that staff arrange to have Messrs. Smith and Campbell make a presentation to the Board.

ATTACHMENTS:

- Regional Conveyance System Map
- Presentation Slides

REGIONAL CONVEYANCE SYSTEM ALIGNMENTS



SOURCE: San Diego County Water Authority



Economic Analysis and Risk Assessment of Water Delivery Alternatives

BOB CAMPBELL, PRINCIPAL, WATER RESOURCE CONSULTANTS, INC.

RODNEY T. SMITH, PH.D., PRESIDENT, STRATECON, INC.

THE ISSUE AND THE CHOICES

The Issue

- Should the Water Authority Board of Directors conduct a **feasibility study** of **alternatives** for future delivery of QSA Water?

The Choices

- ALTERNATIVE 1 - RENTAL AGREEMENT – Rent Conveyance from Metropolitan Water District of Southern California (MWD)

OR

- ALTERNATIVE 2 – OWN - Construct and own a Regional Conveyance System (RCS)

Alternative 1: Rental Agreement with MWD

Subject to MWD unregulated rates and political dynamics

MWD Exchange Agreement costs have increased more than 30% in past four years

The Water Authority will pay rent of **\$27.6 Billion through 2112**

At end of term, Water Authority's only "asset" is more preferential rights in MWD

Alternative 2: Own a RCS

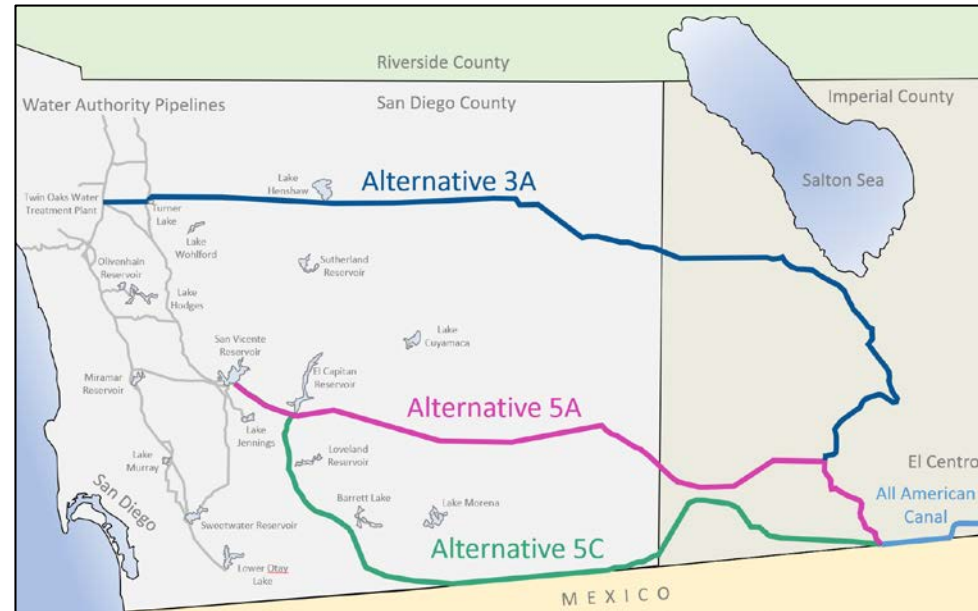
Build and own a conveyance, treatment, and storage delivery system

Provide local control

Facilitate broad regional multi-benefit opportunities with partners

Mitigate risk of cost uncertainty of MWD rates and charges

Water Authority owns delivery system and other assets at estimated cost of **\$25.6 Billion through 2112**



PHASE A CONCLUSIONS

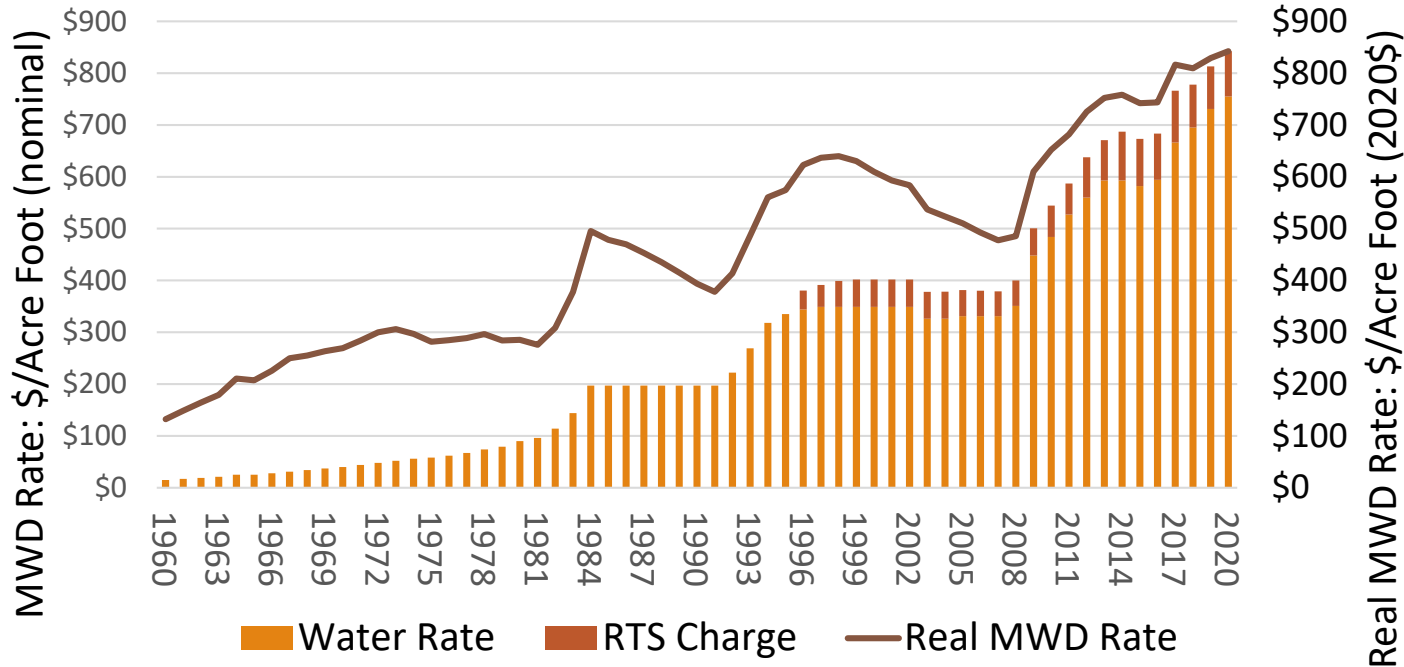
Phase A looked at technical aspects of project definition and costs, finding:

- QSA supplies are a low-cost base supply for the region
- IID Transfer Water and Canal Lining Water higher priority than MWD's Colorado River rights
- Alternative 2: Owning a RCS :
 - Project is viable and feasible
 - Economically competitive with other options with a potential for long-term savings
 - Several potential partnership opportunities

Comprehensive economic, financial, and risk analysis recommended for Phase B

MWD Rates Far Outpace Inflation

History of MWD Untreated Water Rates



Annual Increases in Metropolitan's Water Rate by Eras

Cumulative Annual Growth Rate	1960-1984	1985-2007	2008-2020	1960-2020
MWD Water Rate	11.3%	3.0%	6.4%	6.9%
Inflation	5.4%	3.0%	1.6%	3.7%
Real MWD Water Rate	5.7%	0.0%	4.7%	3.1%

KEY DRIVERS
THAT COULD
AFFECT
FUTURE
MWD RATES

Deteriorating MWD Yields from Colorado River and SWP

Extension of SWP Contract

Delta Conveyance project

SWP aqueduct land subsidence

MWD Regional Recycled Water Program

MWD and SWP asset management programs

MWD Local Resource Program

MWD reduced water demands

Disputes over MWD cost allocation

PHASE B ECONOMIC DUE DILIGENCE

Economic analysis and risk assessment of:

- Future MWD water rates and supply reliability
- Future SDCWA water rates and supply reliability
- Comparative analysis of SDCWA future with MWD conveyance (under Exchange Agreement or MWD proposal) versus RCS

Rigorous Analysis of Risk Factors

Use Risk Assessment and Control Framework to address uncertainty of future projections

Integrate findings into an RCS Decision Model

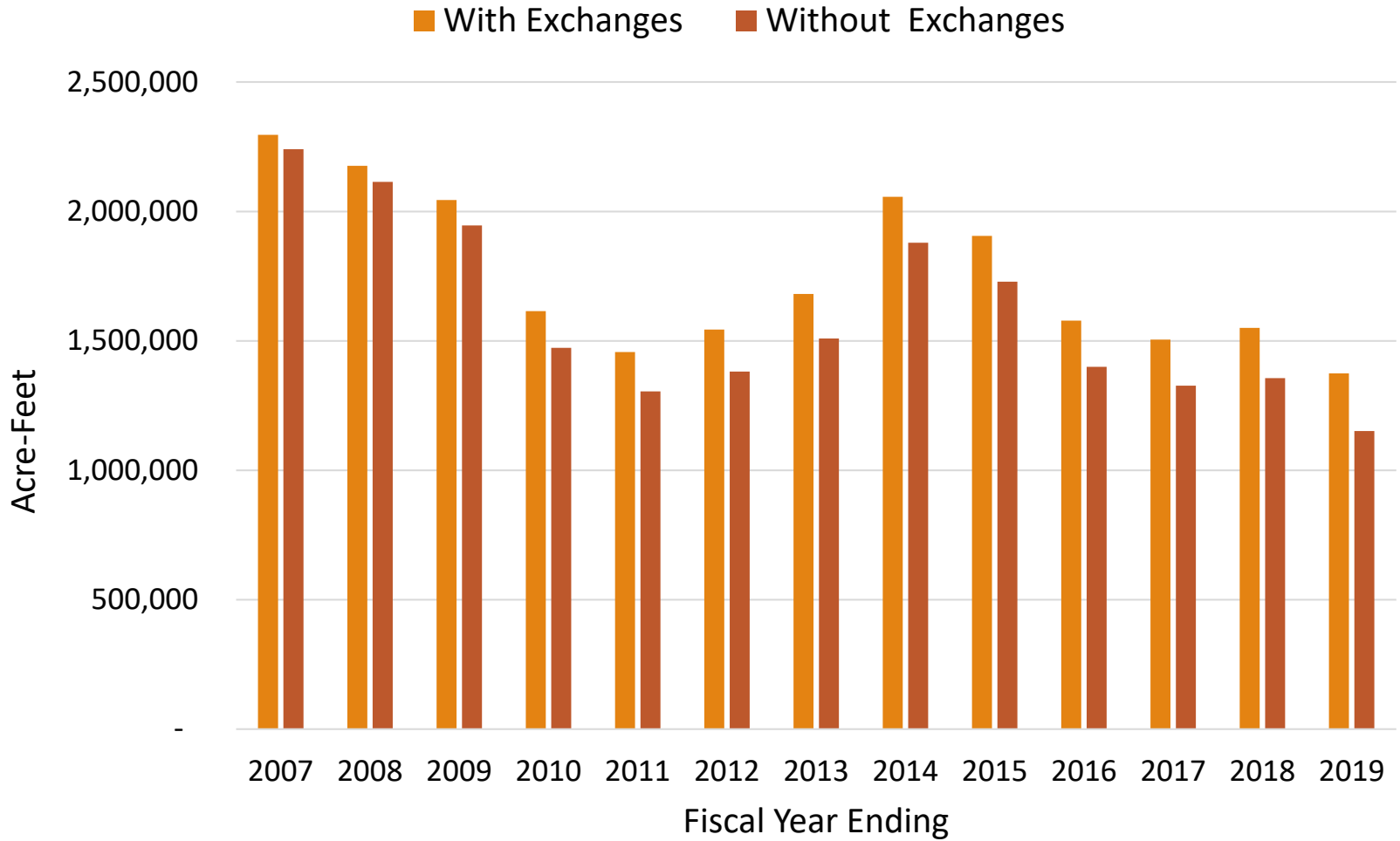
Risk Factor - MWD's Cost Structure

- Fixed costs
 - Cost escalation of existing assets
 - Asset replacement costs
 - Cost of new water supplies
 - Multi-billion-dollar regional supply program commitments
 - Delta Conveyance Project
 - State Water Project contract extension
- Variable costs
 - Energy intensity in escalating state market

Risk Factor - MWD's Demands

- Water sales
 - Member agency supply diversification
 - Recession
 - Declining demands driving unit costs up

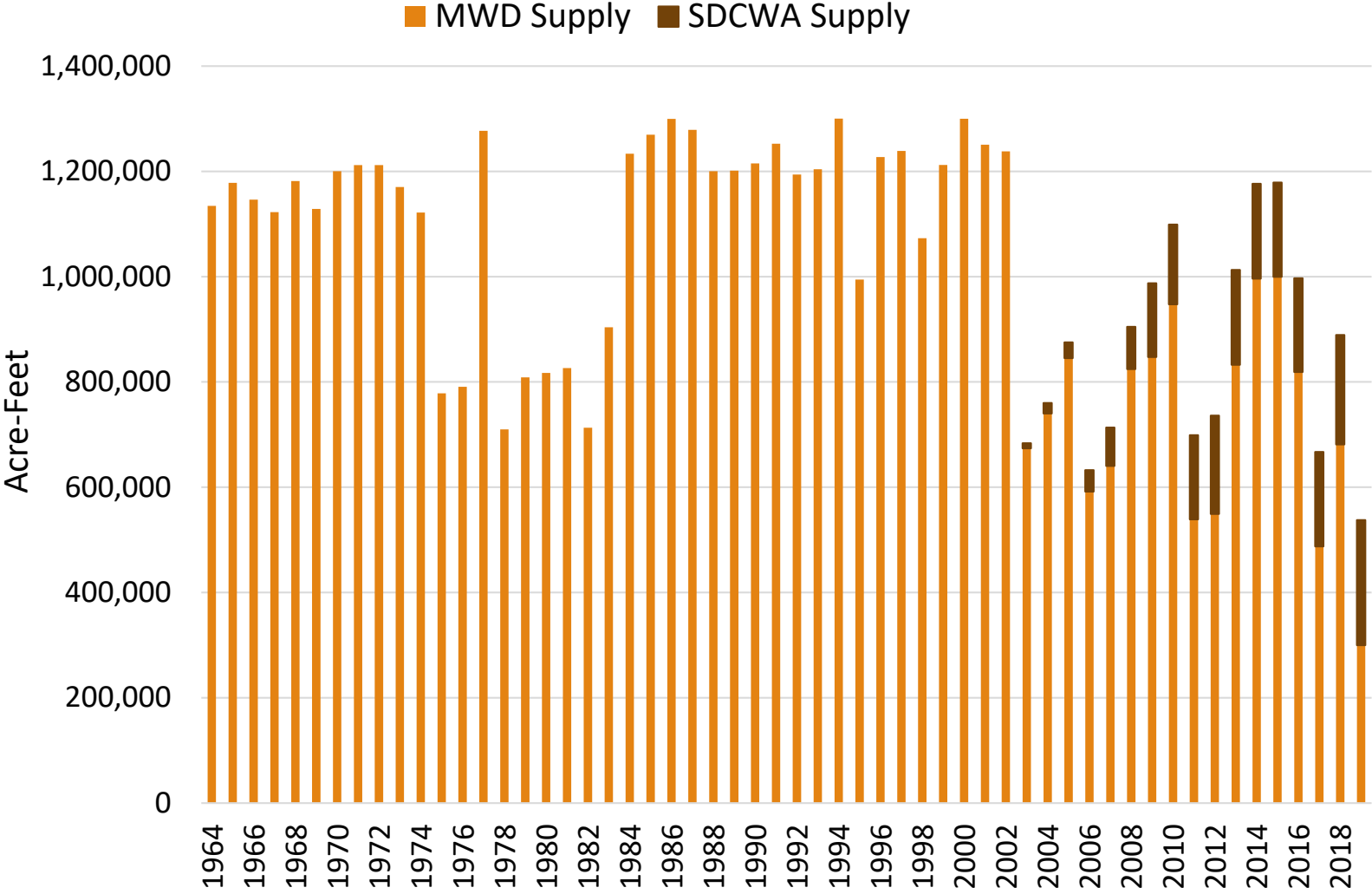
MWD Total Water Sales



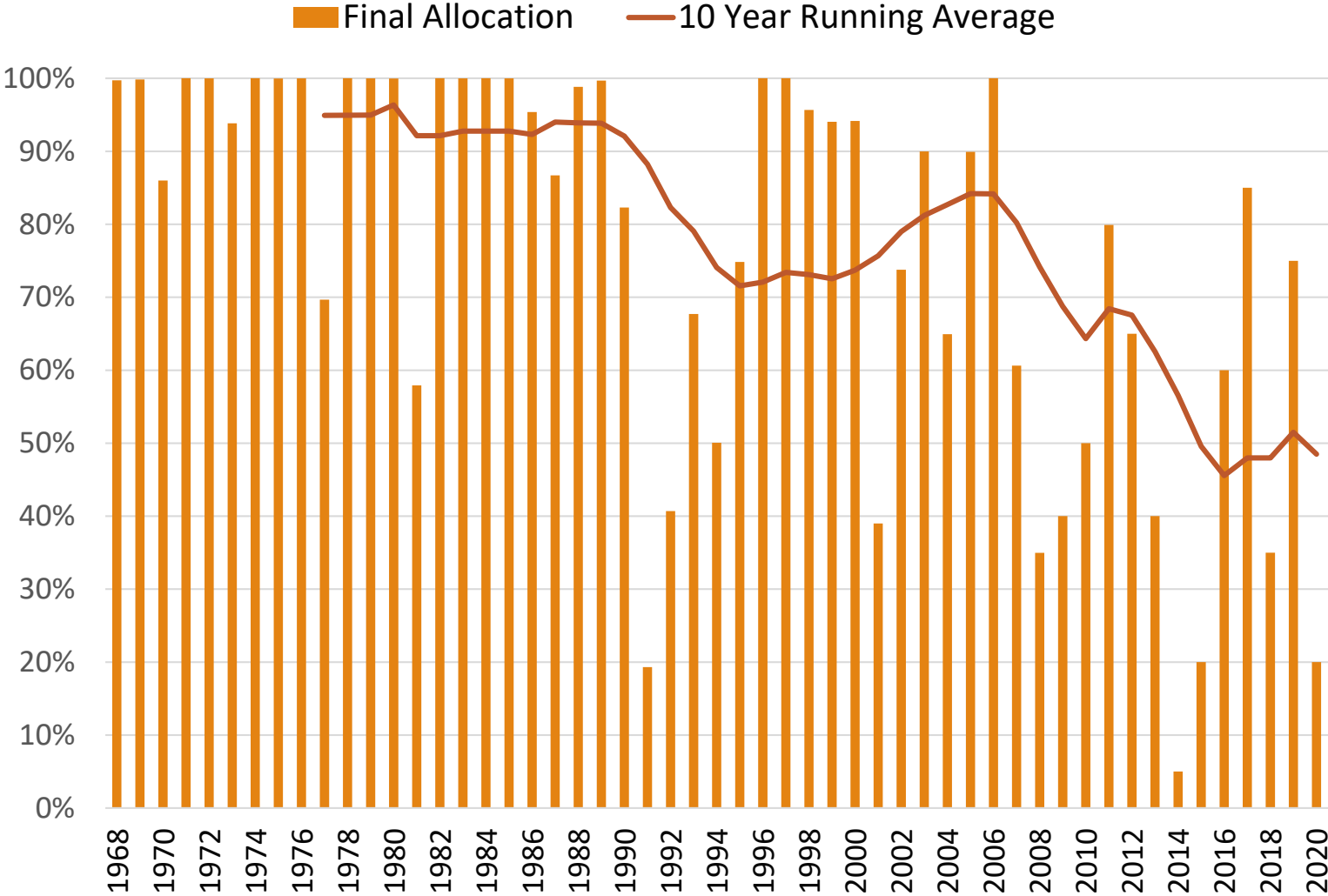
Risk Factor - MWD's Supply Reliability

- Reliability
 - Colorado River sustainability
 - Colorado River priority
 - Continued demands on Bay-Delta
 - Speed and magnitude of climate change

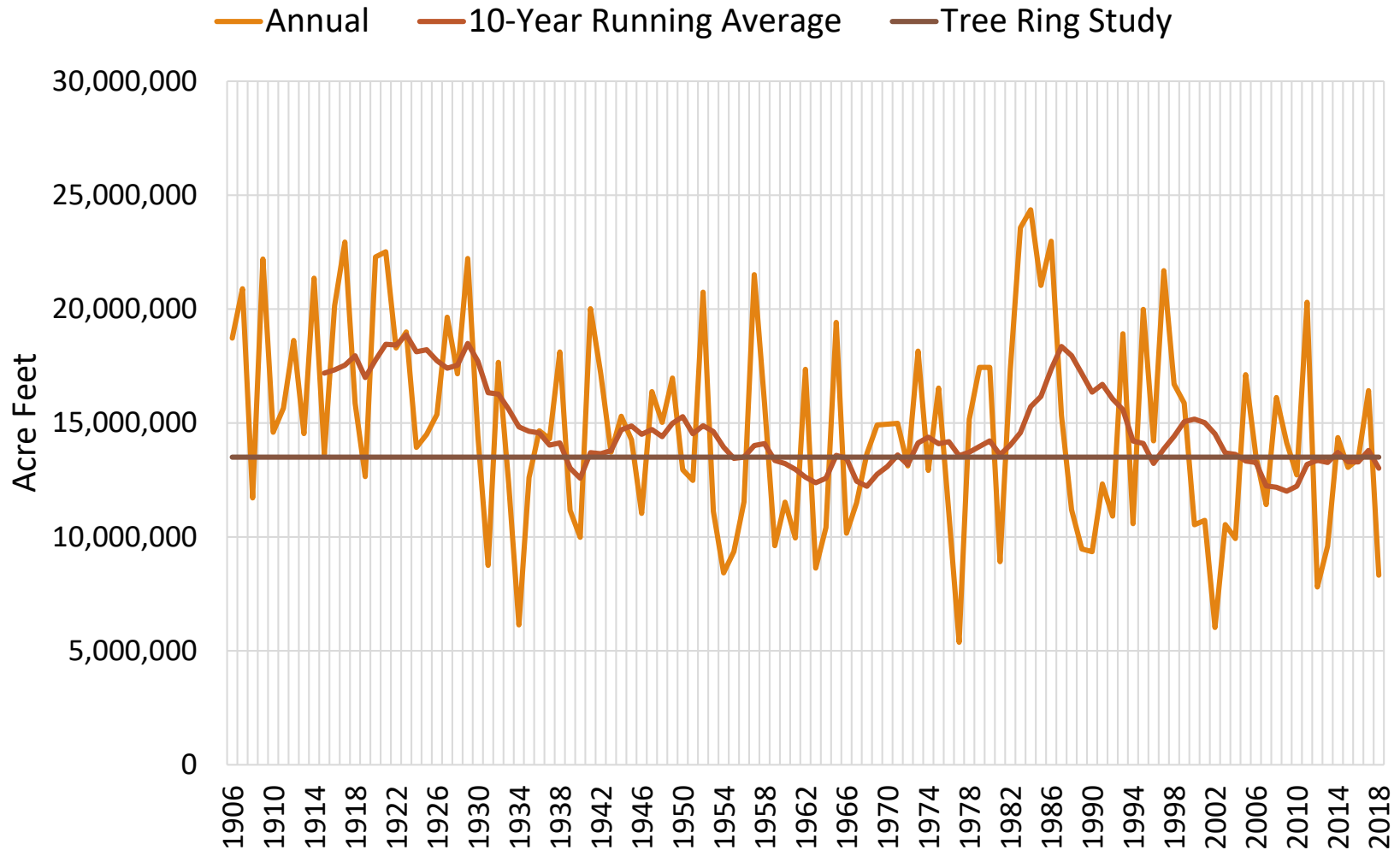
Colorado River Water Conveyed Through Colorado River Aqueduct



State Water Project Allocation History



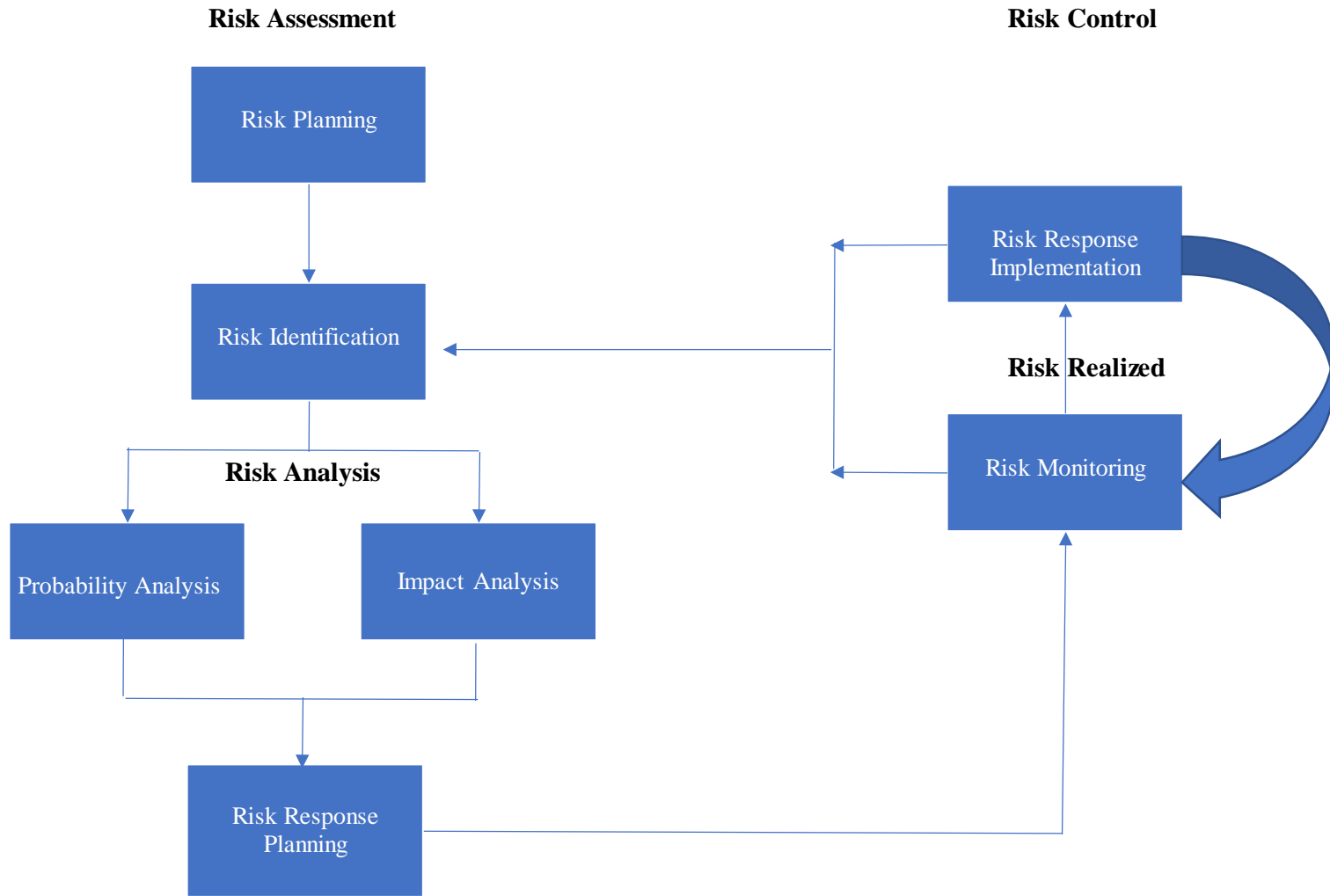
Annual Natural Flow of Colorado River Water at Lees Ferry



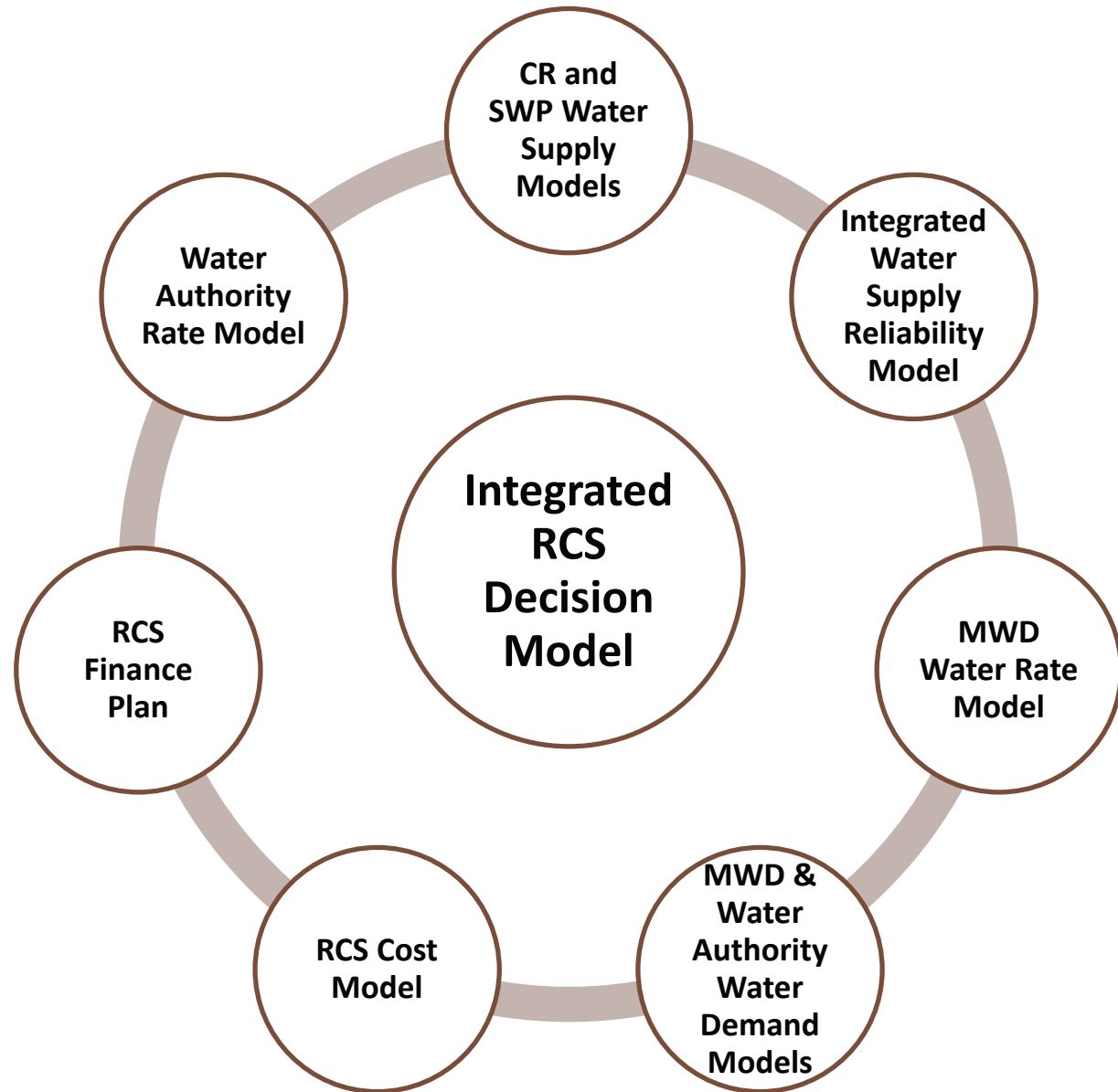
Risk Factor - MWD's Rate Structure

- Rate Structure
 - Use current MWD cost-of-service studies
 - Identify changes in principles
 - Rate restructuring probability and timing
 - Increased property taxes
 - Impact on member agencies

Risk Assessment and Control Framework



EACH
ALTERNATIVE
MUST BE
ADDRESSED
WITH THE
SAME RIGOR



IMPORTANT TO REMEMBER

The RCS is a feasibility study only

Phase A dealt with a limited number of issues

Phase B plans to include a complete economic analysis/risk assessment and comparison of the two alternatives

Approval of Phase B is not an approval of any project—it is merely board approval to proceed to Phase B because Phase A confirmed that a Regional Conveyance System Project may provide greater value and less risk for all San Diego ratepayers

A complete environmental review will be conducted at a later date should the board approve moving forward with the project

The board has a fiduciary obligation to ensure complete review of all alternatives



Q&A



STAFF REPORT

Agenda Item: 8

Board Meeting Date: November 4, 2020
Prepared By: Don Smith, Randy Whitmann, Frank Wolinski & Marlene Kelleher
Approved By: Brett Hodgkiss

SUBJECT: DIVISION REPORTS

RECOMMENDATION: Note and file informational report.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: Previous month's and anticipated activities are reported by each division.

OPERATIONS & FIELD SERVICES DIVISION

October

- Inspected and tested 16 new backflow devices that were integrated into the District's cross-connection control program.
- Water Quality Calls/Incidents for October – received one taste/odor and one discolored water call. The taste/odor call was related to pipe lubricant after a tie-in and was resolved with flushing; the discolored water call was investigated and determined to be a private plumbing issue.
- Submitted triennial sanitary survey to State Water Resources Control Board.
- E43 regulator replacement – formed and poured concrete footings, set vault, installed regulators and associated piping.
- Continued mainline replacement of AC pipe on York Drive – install approximately 9,000' of various sizes of PVC pipe, 142 services and 14 hydrant laterals. Approximately 45% complete.

November

- Begin boiler installation at District headquarters.
- Continue E43 regulator replacement project.
- Continue mainline replacement of AC pipe on York Drive – install approximately 9,000' of various sizes PVC pipe, 142 services and 14 hydrant laterals.

Electrical Energy Use at VID Headquarters

September 2020

	Current Month Production	Average of Last 12 Months	Total, Fiscal Year-to-Date
Description	(kWh)	(kWh)	(kWh)
Solar Production (\$0.18 per kWh)	25,352	30,167	94,328
Power purchased from Direct Energy (\$0.05 per kWh)	23,340	13,083	53,253
TOTAL ELECTRICAL ENERGY USE	48,692	43,250	147,581

ENGINEERING DIVISION

October

- The District has replaced approximately 9.25 miles of Nipponite pipe since 2002. Of the 6.72 miles of Nipponite pipe remaining in the system, replacement of 1.66 miles is currently in design and 0.0 miles is in construction.
- The District has replaced approximately 3,515 feet (0.67 miles) of pipe (steel – 100 feet, PVC – 0 feet, non-Nipponite asbestos cement – 3,415 feet and Nipponite – 0 feet) in Fiscal Year 2021.
- Buena Creek (HB) Reservoir Rehabilitation – Richard Brady and Associates continued reservoir inlet and outlet improvements and reinstalled most of the exterior reservoir stairs. Cost estimate/bid summary table attached.
- Edgehill (E) Reservoir Replacement and Pump Station – continued reviewing the 100% design submittal.
- Four Reservoirs Seismic and Structural Analysis – Murray Smith submitted the final report for the evaluation of the Virginia Place (A), Summit Trail (C), Cabrillo Circle (E-1) and Deodar reservoirs.
- Projects along Flume
 - The Villages – 380 dwelling unit residential subdivision along Country Club Lane, between Nutmeg Street and Pamela Lane in Escondido. Project includes storm drain work along the Jones Siphon in addition to the relocation of an 18-inch transmission main feeding the Bennett service area. Project requires District review and approval of three tract maps, encroachment permit, joint use agreement, grant of right of way, improvement plan, and quitclaim and bill of sale. One tract map, encroachment permit, joint use agreement, and grant of right of way approved by the Board; all other items are currently in plan check.

November

- Mainline Replacement Projects in design (current projects): Alta Vista Dr., Vista Grande Dr.*, Lonsdale Ln.*, Plumosa Ave., Lita Ln., Catalina Ave.*, Oak Dr.*, San Clemente Way*, Calle Maria, Via Christina, Olive Ave.*, Green Hills Way, Elevado Rd., Portia Ave.*, Rush Ave.* (Total length = 3.60 miles).
- Mainline Replacement Projects in planning (future projects): Friendly Dr.*, N. Citrus Ave.*, E. Vista Way, Mason Rd., Lado De Loma, Eddy Dr., Camino Patricia, Camino Corto, Nordahl Rd.*, HN Line- Gopher Canyon to Fairview Dr., Buena Creek Rd.*, Robinhood Rd., Lower Ln., Easy St., Rancho Vista Rd., Bandini Place, McGavran Dr., Oro Avo Dr., Shale Rock, La Mirada, Crescent Dr., Descanso Ave., Mar Vista Dr., Miramar Dr., Camino Culebra*, Camino Loma Verde*, San Clemente Ave.* (Total length = 8.65 miles).
- City of Vista Projects – (Paseo) South Santa Fe Streetscape Improvements: Phase II along South Santa Fe Avenue from Ocean View to Terrace Drive (CIP #8289); Phase III along South Santa Fe Avenue from Terrace Drive to Civic Center Drive (CIP #9291). Project currently in construction and District to continue inspecting water facilities installed by City's contractor. (Total length = 0.77 miles).
- Buena Creek (HB) Reservoir Rehabilitation – Richard Brady and Associates to continue reservoir inlet and outlet improvements and begin yard-piping improvements.
- Edgehill (E) Reservoir Replacement and Pump Station – continue reviewing 100% design submittal.
- Flume Replacement Alignment Study – receive and begin reviewing proposals.

*Nipponite pipe

WATER RESOURCES DIVISION

VID Water Production September 2020

Description	Current Month Production		Average Production of Last 12 Months		Total, Fiscal Year-to-Date
	(mgd)	(af)	(mgd)	(af)	(af)
<i>VID's EVWTP Water Production</i>					
Local Water	0.00	0.00	1.83	170.89	303.40
SDCWA Raw Water	13.03	1,199.40	8.22	769.56	3,438.30
Subtotal (EVWTP Water Production)	13.03	1,199.40	10.05	940.45	3,741.70
Oceanside Contract Water	2.51	230.90	1.55	144.38	393.70
SDCWA Treated Water	3.88	356.80	3.21	302.54	1,316.10
TOTAL WATER PRODUCTION	19.41	1,787.10	14.82	1,387.38	5,451.50

Lake Henshaw and Warner Ranch Wellfield statistics are summarized as follows:

Lake Henshaw

Storage as of October 27, 2020:	5,603 af (11% of 51,832 af capacity)
Current releases:	0 cfs
Change in storage for month of September:	346 af (loss)
Total releases for month of September:	2 af
Hydrologic year-to-date rain total:	0.18 inches (October 27, 2020)
Percent of yearly average rain:	1% (30-year average: 25.05 inches)
Percent of year-to-date average rain:	0% (30-year average through October: 1.89 in.)

Warner Ranch Wellfield

Number of wells running in September:	3
Total production for month of September:	168 af (70's wells)
Average depth to water table (October):	88 ft (see attached historical water table chart)

October

- Warner Ranch Ditch Repair Project - Contractor has nearly completed all of the Base Budget project elements and is presently working on replacing approximately 75 feet of corroded 24-inch steel pipe with new reinforced concrete pipe as an approved District controlled contingency item. On Monday, October 26, 2020, wells in the western portion of the wellfield were placed into service to assess project performance; as of the writing of this report, the project is performing as expected. Final project completion is expected in November 2020. Expense and progress report as of September 30, 2020 is attached.
- Performed sampling for Harmful Algal Blooms (HABs) in Lake Henshaw on October 5, 2020 and October 19, 2020; levels of microcystin tend to follow trends in weather and remain above advisory thresholds. Advisory signage for recreational use at Lake Henshaw remains posted and releases from the lake remain suspended. On October 22, 2020, the District received Statements of Qualifications (SOQ) from four consultant teams to assist in the development of a long term HAB Management and Mitigation Plan for Lake Henshaw and Lake Wohlford; SOQs are currently being reviewed.

November

- Perform general clean up after Warner Ranch Ditch Repair Project is complete and assess wells for readiness to place back in service.
- Complete review of SOQs and select consultant team to assist in the development of a long term HAB Management and Mitigation Plan for Lake Henshaw and Lake Wohlford.
- Receive preliminary feedback from the San Pasqual Band on possible alternative sites for the San Pasqual Undergrounding Project desilting basin.

ATTACHMENTS: Lake Henshaw Resort, Inc., Activity Reports – August 2020
VID's Warner Wellfield – Water Table Depth vs. Monthly Wellfield Production

ADMINISTRATION DIVISION

October

- Continued coordinating implementation of the COVID-19 Response and Action Plan.
- Completed recruitment for Welder Helper position. Jamie Perez accepted a promotion to this position.
- Continued recruitments for Laborer Trainee, Construction Worker and Engineering Services Manager positions.

November

- Continue coordinating implementation of the COVID-19 Response and Action Plan.
- Continue recruitments for Laborer Trainee, Construction Worker and Engineering Services Manager positions.

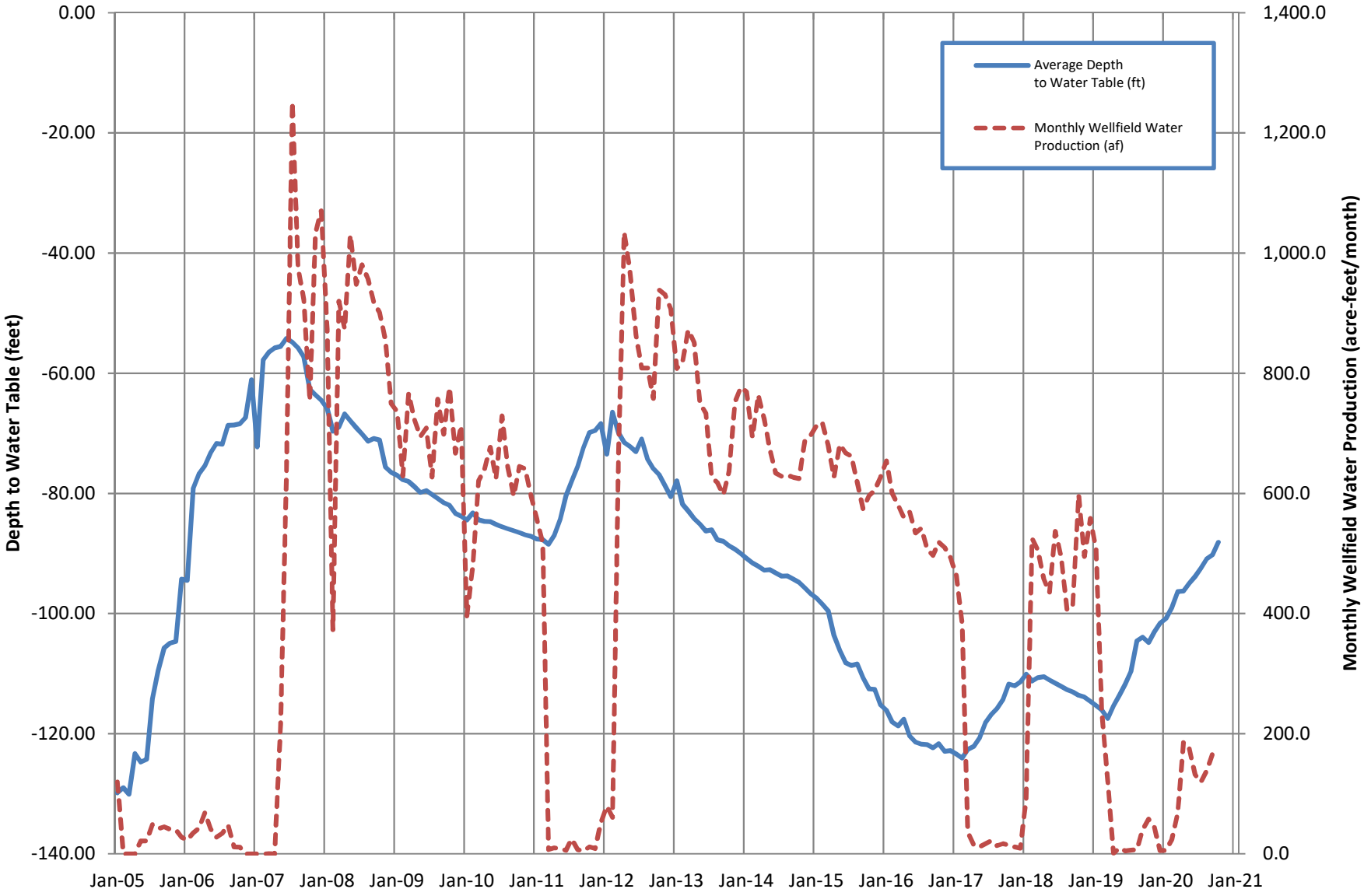


**LAKE HENSHAW RESORT, INC.
ACTIVITY REPORT
AS AUGUST 31, 2020**

	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	2020 Mar	2020 Apr	2020 May	2020 Jun	2020 Jul	2020 Aug	12 MO AVG
Fishing Permits	687	404	301	244	112	102	179	96	4	714	1,015	910	712	399
Boat Launches	23	82	7	0	0	0	7	1	0	16	23	14	10	13
Motor Boats (full day rental)	42	19	7	4	2	7	4	0	0	14	38	57	37	16
Motor Boats (half day rental)	13	15	1	0	0	0	1	0	0	4	11	14	7	4
Campground/Head Count	1,188	488	196	128	39	110	94	51	5	879	1,062	1,562	790	450
Campground/Cars, Trucks, etc.	703	211	148	64	15	20	16	18	4	329	429	502	294	171
Campground/Recreational Vehicles	24	12	0	12	0	0	1	3	0	6	8	9	2	4
Mobile Home/Spaces	77	76	75	66	64	51	51	53	53	68	68	69	72	64
M.H.P. Daily (Visitors/Head Count)	100	102	98	67	63	28	20	16	15	2	0	4	6	35
M.H.P. (Residents/Head Count)	95	94	92	102	94	83	83	83	83	99	98	99	104	93
Storage	3	6	4	4	7	4	5	5	6	6	6	6	6	5
Cabins	177	126	144	144	98	88	82	45	35	118	191	231	262	130
Hunters	0	0	0	0	98	80	0	0	0	0	0	0	0	15

VID's Warner Wellfield

Water Table Depth vs. Monthly Wellfield Production



BUENA CREEK (HB) RESERVOIR REHABILITATION BUDGET UPDATE - NOVEMBER 2020

Description of Work	Budgeted Cost	Actual Bid Cost	Over or Under Budgeted Amount
Initial Site Work - M-Rae			
<i>Demolish Existing Fence, Steel Roof, Gate, Grub Site, Initial Site Work for Crane and Equipment Access</i>	\$59,693	\$39,919	-\$19,774
Exterior Stairs - Suez			
<i>Disassemble, Transport, Protect, Store, and Reinstall Exterior Stairs</i>	\$52,718	\$50,488	-\$2,230
Roof Demolition - DN Tanks			
<i>Roof Demolition, Remediate Existing Asbestos</i>	\$809,400	\$1,026,840	\$217,440
Tank Improvements - DN Tanks			
<i>Footing Modifications, Seismic Cables, Wall Shotcrete, Tank Exterior Crack Repair, Pressure Wash Tank Interior, Interior Floor and Wall Crack Repairs, Seal Existing Floor Joints, Demolish Existing Inlet/Outlet, Modify Drain, Construct New Inlet, Outlet, Washdown, Demolish Exist Inlet/Outlet, Modify Drain, Construct Inlet, Outlet, Washdown, Construct New Concrete Floor, Construct New Concrete Cap Beam, CIM Wall-Slab Joint, Construct New Staff Gage, New Overflow, Post Construction Leak Test, Install Corrosion Protection System</i>	\$1,814,961	\$1,527,638	-\$287,324
Interior Reservoir Stairs - DN Tanks			
<i>Design, Furnish, Install, New Interior Access Stairs</i>	\$170,400	\$172,800	\$2,400
Interior Coatings - DN Tanks			
<i>Prepare Surface, Apply Coatings to Interior Wall</i>	\$210,870	\$323,630	\$112,760
Aluminum Dome Roof - CST			
<i>Design, Furnish, Install, New Aluminum Roof and Appurtenances</i>	\$785,570	\$668,127	-\$117,443
Yard Piping Improvements - M-Rae			
<i>Demolish Exist Yard Piping, Fittings, Valves, and Appurtenances, Construct New Yard Piping, Construct New Valve Vault, Remove and Replace Drain Valve, Construct Yard Piping Corrosion Protection System</i>	\$651,569	\$605,897	-\$45,672
Electrical Improvements - M-Rae			
<i>Construct New Conduit, Junctions and Pull Boxes</i>	\$37,275	\$88,296	\$51,021
Stormwater Drainage and Final Site Work - M-Rae			
<i>Demolish Existing Asphalt, Rough Grade Site, Install Subsurface Waterproofing, Modify Underdrains, Construct New Storm Drain Inlet and Piping, Connect to Exist Manhole, Finish Grade, Construct Concrete V-gutter, Pave Site with Asphalt Concrete</i>	\$192,812	\$339,307	\$146,495
Additional AC Pavement			
<i>Access Road Asphalt Paving</i>	\$101,500	\$91,300	-\$10,200
Security Fence			
<i>Construct New Chain Link Security Fence</i>	\$72,953		
Exterior Reservoir Coating - DN Tanks			
<i>Pressure Wash, Apply Coatings to Reservoir Exterior</i>	\$58,575	\$59,281	\$706
General Conditions (ongoing)			
<i>Provide Trailer, Porta Potty, Reproduction, Temporary Facilities, Insurance, Bonds, Special Inspection and Testing, Potholing, Surveying, Video, Install and Maintain Stormwater Best Management Practices</i>	\$343,692	\$212,225	-\$131,467
Construction Total To Date	\$5,361,988	\$5,205,748	-\$156,241

Warner Ranch Ditch Repair Project
Overview of Expenses and Estimated Progress

Progress & Invoicing as of: 9/30/2020

	Contract Amount	Invoiced to Date	Percent Invoiced	Estimated Percent Complete
Cass Arrieta - Contractor				
Item 1 - Base Budget	\$ 1,678,025.00	\$ 1,063,666.66	63%	78%
Item 2 - Unforeseen SKR Delays	\$ 90,720.00	\$ -	0%	0%
Item 3 - District Controlled Contingency	\$ 150,000.00	\$ 14,303.70	10%	18%
Total Contract	\$ 1,918,745.00	\$ 1,077,970.36	56%	69%

Invoiced amount reflects time and materials costs for work performed through September 30, 2020. Expenses for this period cover the following activities:

- Western Reach:
 - Placement of 1,700' of 36" RCP with gravel bedding and filter fabric
 - Placement of 220' of 24" RCP with gravel bedding and filter fabric
 - Placement of 1,900' of concrete cap over RCP
 - Construct part of 4 cleanout/well connection structures
 - Construct wye transition at junction of 24" & 36" RCP

	Contract Amount	Invoiced to Date	Percent Invoiced	Estimated Percent Complete
Infrastructure Engineering Corporation - CM/Inspection				
Total Contract	\$ 139,840.00	\$ 64,420.00	46%	69%
Helix Environmental - SKR Monitoring				
Total Contract	\$ 109,300.00	\$ 56,594.50	52%	69%



STAFF REPORT

Board Meeting Date: November 4, 2020
Prepared By: Randy Whitmann
Approved By: Brett Hodgkiss

SUBJECT: EXCHANGE AND TEMPORARY SERVICE AGREEMENTS

RECOMMENDATION: Receive informational report on the types and terms of exchange and temporary service agreements.

PRIOR BOARD ACTION: On September 16, 2020, the Board postponed consideration of a detachment and temporary water service exchange agreement with the Vallecitos Water District for the Nordahl Road subdivision until it received an update on the terms and conditions of existing exchange and temporary service agreements.

FISCAL IMPACT: None.

SUMMARY: Exchange agreements are between the Vista Irrigation District (District) and a neighboring agency and used in situations where an agency does not have facilities nearby to provide service to their customer. The District has exchange agreements with Vallecitos Water District (Vallecitos) and City of Oceanside (Oceanside) as follows and shown on the attached overview map:

- District customers served by Vallecitos – 26 parcels.
- Vallecitos customers served by the District – 57 parcels.
- Oceanside customers served by the District – 13 parcels.

Temporary service agreements (or TSAs) are between the District and a customer and have been used in lieu of requiring a main extension to the property. There are just under 500 TSA customers spread throughout the District.

DETAILED REPORT:

Exchange Agreements with Vallecitos

Exchange agreements with Vallecitos are entered into for each property served and are meant to be temporary. Attached is an example agreement, which has the following primary terms:

- Once the intended serving agency (in this instance the District) extends facilities that can be utilized for service to the exchange property, the agreement shall be terminated after giving 60 days written notice (Section 3).
- If the neighbor agency (in this instance Vallecitos) no longer has capacity for the exchange property, regardless of the location of the intended serving agency's facilities, it may terminate the agreement after giving 180 days written notice (Section 3).
- After cancellation notification, the exchange customer must make an application for service with the intended agency and pay current fees (Section 5).

A recent example of an exchange agreement that benefitted the District was in 2016 for several parcels along Deer Springs Road and Sarver Lane (northern-most lots shown on Detail Map 1). The map shows the District's pipeline ending at the intersection of Deer Springs Road and Marilyn Lane; however, the District had an additional 2,600 feet of Nipponite asbestos cement pipe within Deer Springs Road and Sarver Lane that served these properties and was in need of replacement. An exchange agreement allowed this section of pipe to be abandoned, saving the District approximately \$585,000 in replacement construction costs. It is worth noting that if this example situation was proposed today, Vallecitos would likely require the District to reorganize the area through the San Diego Local Agency Formation Commission (LAFCO) and pay annexation fees (approximately \$110,000) and existing meter capacity fees (approximately \$270,000), totaling \$380,000. While costly, this approach would still be less expensive than pipeline replacement and further the goal of converting the Boot and Bennett service areas to Vallecitos over time.

The use of exchange agreements has been a common practice up until recent years as described above; both agencies now instead promote service area reorganizations through LAFCO when service to an area appears to be permanent. A recent developer-led example of this is the Catalina Heights Reorganization that was completed earlier this year. It involved a single-family lot that was split between both agency's service areas. The District had a main adjacent to the parcel, so the owner was required to annex into the District for service instead of using an exchange agreement.

Rather than serving the Calle Maria area via a temporary exchange agreement, District and Vallecitos staff are currently discussing a permanent reorganization for four existing District customers that are fed directly off the Flume (eastern-most Boot service area island shown on Detail Map 2). There is currently an approved District capital improvement project to extend two Vallecitos mains (at estimated cost of \$340,000) to serve these properties and make them exchange meters. These main extensions require obtaining easements from the eastern undeveloped parcel and efforts to date have been unsuccessful. Alternatively, a full reorganization, switching to Vallecitos and setting offsite meters instead of main extensions, would cost approximately \$160,000, saving the District approximately \$180,000.

Detail Map 3 shows the exchange meters in the Bennett service area along with the proposed Nordahl Road subdivision where a District detachment and exchange agreements are proposed with the goal of gradually converting this service area to Vallecitos as development occurs.

Exchange Agreement with Oceanside

Attached is the only exchange agreement with Oceanside for a master-meter that feeds 13 properties, which has the following primary terms:

- Oceanside may cancel the agreement at the end of a fiscal year by giving 90 days prior written notice (Article VIII).
- If the District no longer has capacity for the exchange properties, it may terminate the agreement after giving three years written notice (Article VIII).

The terms of the agreement with Oceanside are more permanent in nature than the exchange agreements with Vallecitos as it lacks any discussion on a future conversion of the customers back to their system.

TSAs

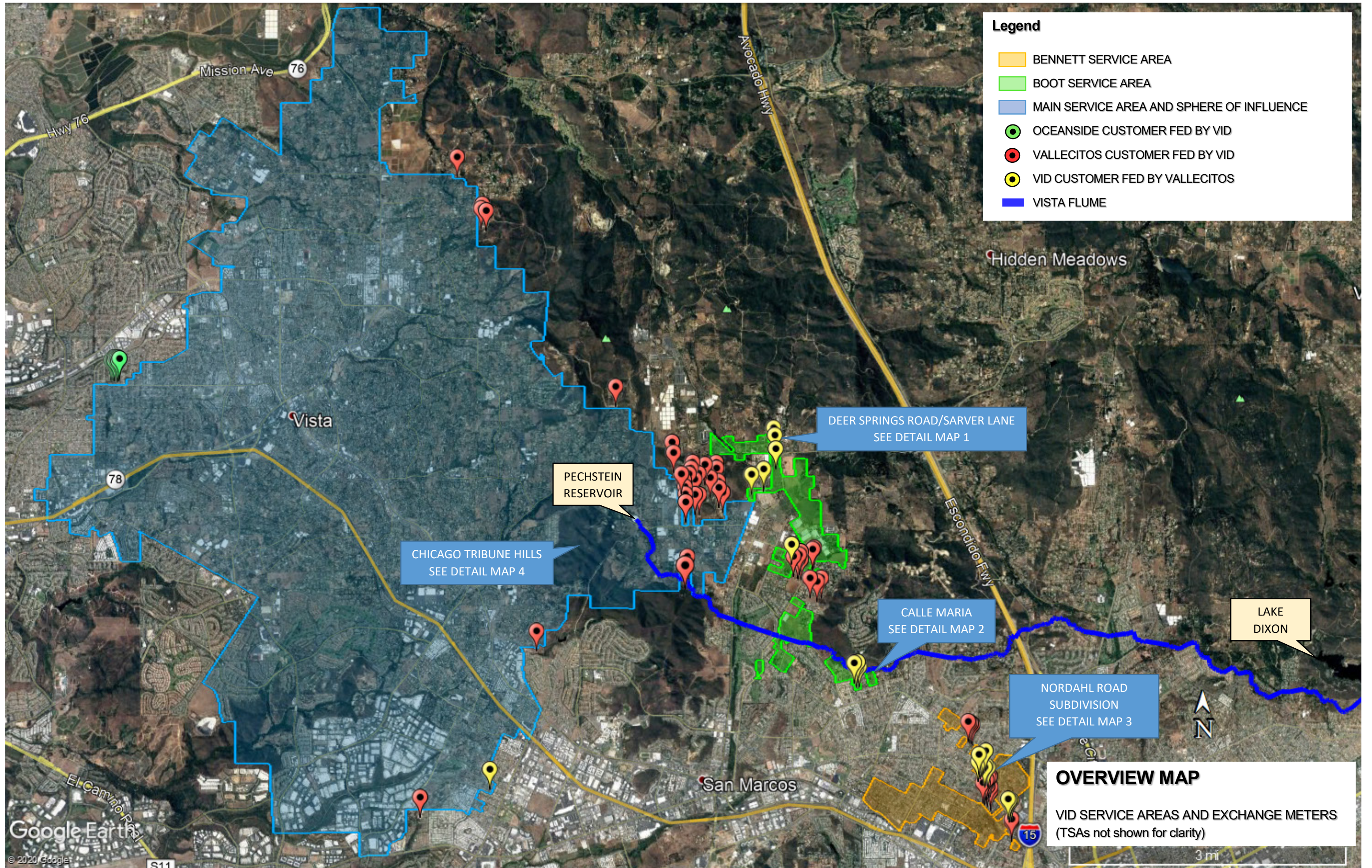
Attached is an example TSA; the primary term states that once the District or others extend facilities adjacent to the property, the service connection shall be terminated and new service may only be provided by a connection to the new main along with payment of current fees (Section 3).

Using TSAs as means to allow the installation of offsite meters is no longer a common practice; on December 16, 1998, the Board approved Resolution No. 98-43 that established a temporary offsite meter fee that eliminated the need for TSAs. The current practice, when a main extension is not desired by the District nor feasible at the time, is to allow either a temporary or permanent offsite service without an agreement. Temporary offsite services occur when staff believes it to be likely that a main will be extended to the property in the foreseeable future, and the applicant pays fees for a future main extension in addition to capacity and service lateral installation fees when the meter is purchased. Permanent offsite services occur when a future main extension seems unlikely; only capacity and service lateral installation fees are collected in these circumstances.

Although use of temporary service agreements is no longer common practice, there are still circumstances when they are proposed. In 2017, a TSA was allowed for offsite water service to a parcel located in a steep hilly area known as Chicago Tribune Hills (peak behind the Buena Creek (HB) Reservoir; see Detail Map 4). This area is above the elevation that can be served by the District's distribution system. A future extension would require a major planning effort and include facilities such as pump stations, pipelines, and tanks. The established temporary offsite meter fee would not cover the cost of required facilities; therefore, use of a TSA was necessary under these circumstances.

ATTACHMENTS:

- Overview Map
- Detail Maps
- Example Exchange Agreement with Vallecitos
- Exchange Agreement with Oceanside
- Example TSA



Legend

- BENNETT SERVICE AREA
- BOOT SERVICE AREA
- MAIN SERVICE AREA AND SPHERE OF INFLUENCE
- OCEANSIDE CUSTOMER FED BY VID
- VALLECITOS CUSTOMER FED BY VID
- VID CUSTOMER FED BY VALLECITOS
- VISTA FLUME

CHICAGO TRIBUNE HILLS
SEE DETAIL MAP 4

PECHSTEIN
RESERVOIR

DEER SPRINGS ROAD/SARVER LANE
SEE DETAIL MAP 1

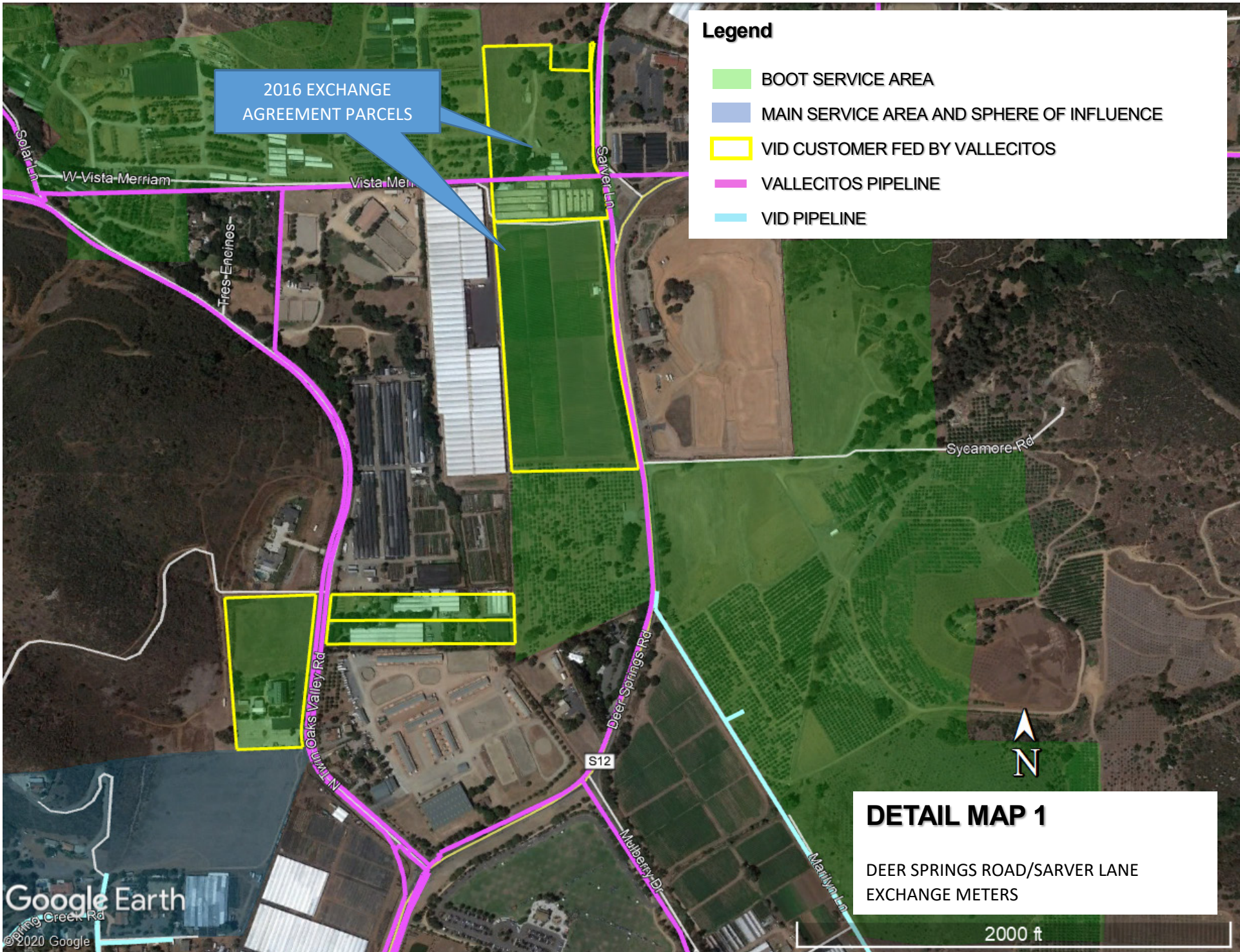
CALLE MARIA
SEE DETAIL MAP 2

NORDAHL ROAD
SUBDIVISION
SEE DETAIL MAP 3

LAKE
DIXON

OVERVIEW MAP
 VID SERVICE AREAS AND EXCHANGE METERS
 (TSAs not shown for clarity)

3 mi





ORCHARD HILLS
REORGANIZATION

CALLE MARIA AREA
VID METERS FED OFF FLUME

Legend

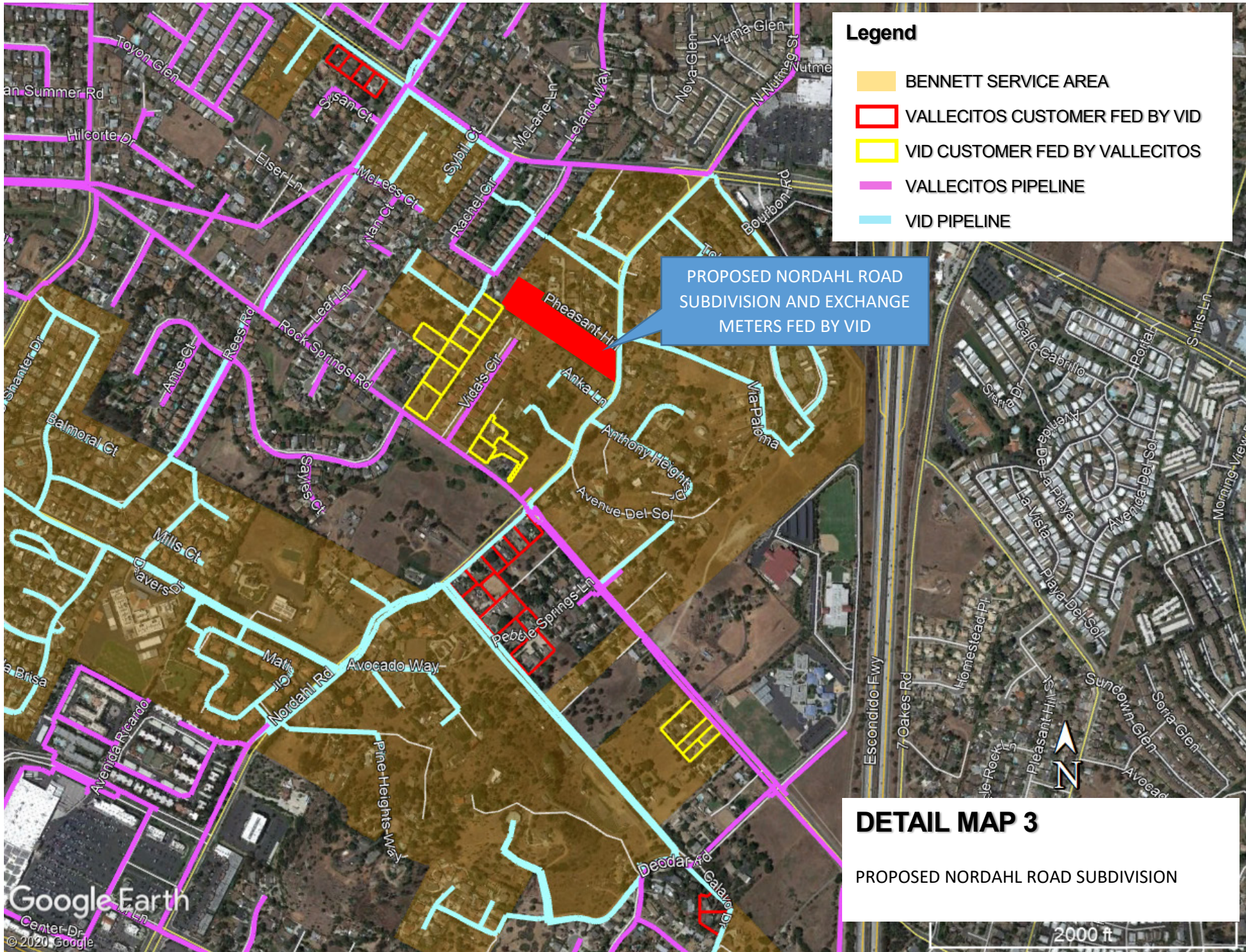
- BOOT SERVICE AREA
- VID CUSTOMER FED BY VALLECITOS
- VALLECITOS PIPELINE
- VID PIPELINE
- VISTA FLUME

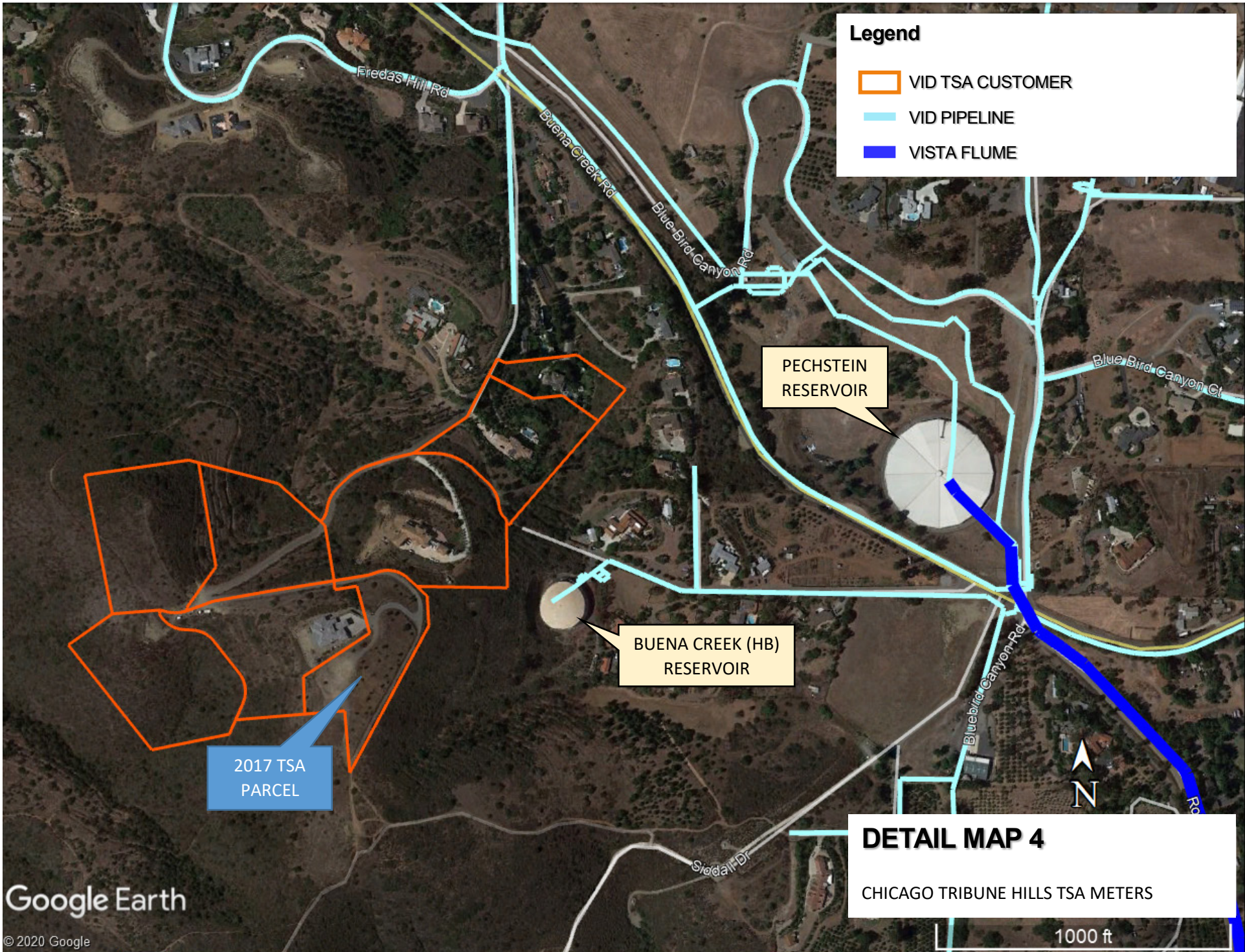
DETAIL MAP 2

CALLE MARIA AREA



2000 ft





RECORDING REQUESTED BY
AND RETURN TO:

1648

Vista Irrigation District
202 West Connecticut Avenue
Vista, CA 92083

RECORDED IN
OFFICIAL RECORDS
OF SAN DIEGO COUNTY, CA
1985 NOV -8 PM 2:30

100-0732

EXAMPLE EXCHANGE AGREEMENT WITH VALLECITOS

VERA L. LYLE
COUNTY RECORDER

EXCHANGE AGREEMENT FOR TEMPORARY DELIVERY OF WATER
(Land in VID served by SMCWD)

PARCEL-219-360-15

RF	7
AR	5
TLR	
MG	1

THIS AGREEMENT is made between Vista Irrigation District, here-
in called "Vista", San Marcos County Water District, herein called
"San Marcos" and ELMER E. MOORE and ETHEL B. MOORE, husband
and wife, herein called "Consumer" in view of the fol-
lowing facts:

(a) Consumer is the owner of lands situated in the County of
San Diego, State of California, hereinafter described in Exhibit
"A" attached hereto and by this reference is made a part hereof.

(b) Consumer desires to obtain water service for the described
property and Vista has no facilities at present to provide such
service. Said property lies adjacent to water distribution
facilities of San Marcos, and a surplus capacity at present exists
in said facilities of San Marcos, which can be utilized for the
delilvery of water to the land for Consumer. San Marcos has agreed
to provide water service under the terms of this agreement.

IT IS, THEREFORE, AGREED:

- San Marcos shall install at Consumer's expense at a location
approved by it a meter for the delivery of water to the property of
Consumer, and shall deliver water to Consumer under the terms of
this Agreement.
- San Marcos shall periodically read the meter installed under
this Agreement and charge Vista for the quantity of water
delivered, computed at twice the municipal and industrial treated
water rate. Vista shall pay to San Marcos such amount, and shall
bill and charge Consumer for the water delivered at Vista's
regularly established rates. — Consumer shall further pay such other
charges as may from time to time be uniformly established by Vista
for similar services by it.

3. If and when Vista has installed or constructed facilities adjacent to the property of Consumer which can be utilized for the service of water to such property, this Agreement shall be terminated upon sixty (60) days written notice to each party.

Should San Marcos determine that its facilities are required for the delivery of water solely to lands lying within its boundaries and that no capacity exists for the continued delivery of water to the lands of Consumer, it may upon 180 days notice in writing to Consumer and Vista terminate this Agreement.

4. In the event of termination, the meter installed by San Marcos shall be removed and Consumer be entitled to an amount equal to its then reasonable value to be paid by San Marcos.

5. Consumer upon receiving the "Notice of Cancellation", shall make application to Vista for water service and shall pay the current fees at the time such application is made. The amount of such fees shall include the cost for new service outlets, meters, and such other fees including connection fees as are then established by the Vista Board of Directors for said water services.

6. This Agreement is made for the benefit of the land herein described, and shall be binding upon the parties, their heirs, successors and assigns.

IN WITNESS WHEREOF, this Agreement is executed by the duly authorized Officers of San Marcos, and by Consumer, and approved by Vista.

VISTA IRRIGATION DISTRICT

By *Roy A. Patraun*
President

By *John Mulholland*
Secretary

SAN MARCOS COUNTY WATER DISTRICT

By *Mary A. Newport*
President

By *William W. Reed*
Secretary

MUST BE NOTARIZED

Elmer E. Moore
Owner

ELMER E. MOORE

Ethel B. Moore
Owner

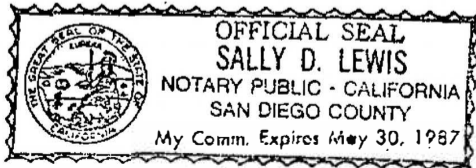
ETHEL B. MOORE

STATE OF CALIFORNIA)

1650

)ss
COUNTY OF SAN DIEGO)

On this 7th day of October, 1985, before me, a Notary Public, personally appeared Mary A. Newport and William W. Rucker personally known to me, or proved to me on the basis of satisfactory evidence, to be the persons who executed this instrument as President and Secretary, respectively, of the SAN MARCOS COUNTY WATER DISTRICT, a public agency of the State of California, and acknowledged to me that the SAN MARCOS COUNTY WATER DISTRICT executed it.



Sally D. Lewis
Notary Public in and for said
County and State

The Southwesterly 132.50 feet of the Northeasterly 397.50 feet of Lot 4 in Block 109 of Rancho Los Vallecitos de San Marcos, in the County of San Diego, State of California, according to Map thereof No. 806, filed in the Office of the County Recorder of San Diego County, December 21, 1885.

EXCEPTING THEREFROM the Northwesterly 279 feet.

STATE OF CALIFORNIA

COUNTY OF SAN DIEGO

On Sept. 18, 1985 before me, the undersigned, a Notary Public in and for said State, personally appeared Ray T. Betraun and

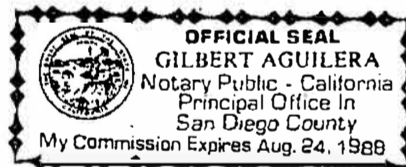
Thomas M. Wilson, known to me to be the President and

Assistant Secretary of VISTA IRRIGATION DISTRICT and known to me to be the person (s) who executed the within instrument on behalf of said public corporation, agency or political subdivision, and acknowledged to me that such public corporation, agency or political subdivision executed the same.

WITNESS my hand and official seal.

Signature Gilbert Aguilera

Gilbert Aguilera
Name (Typed or Printed)



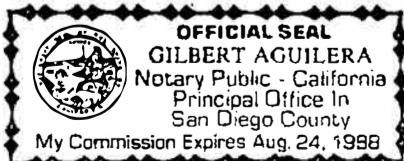
STATE OF CALIFORNIA)
COUNTY OF San Diego) ss.

On September 12, 1985 before me, the undersigned, a Notary Public in and for said State, personally appeared _____

Elmer E. Moore and Ethel B. Moore

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

WITNESS my hand and official seal.

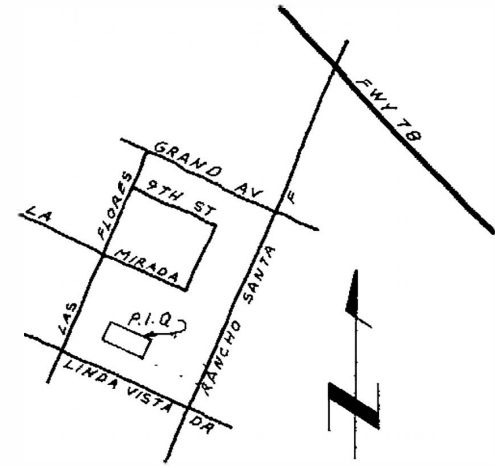
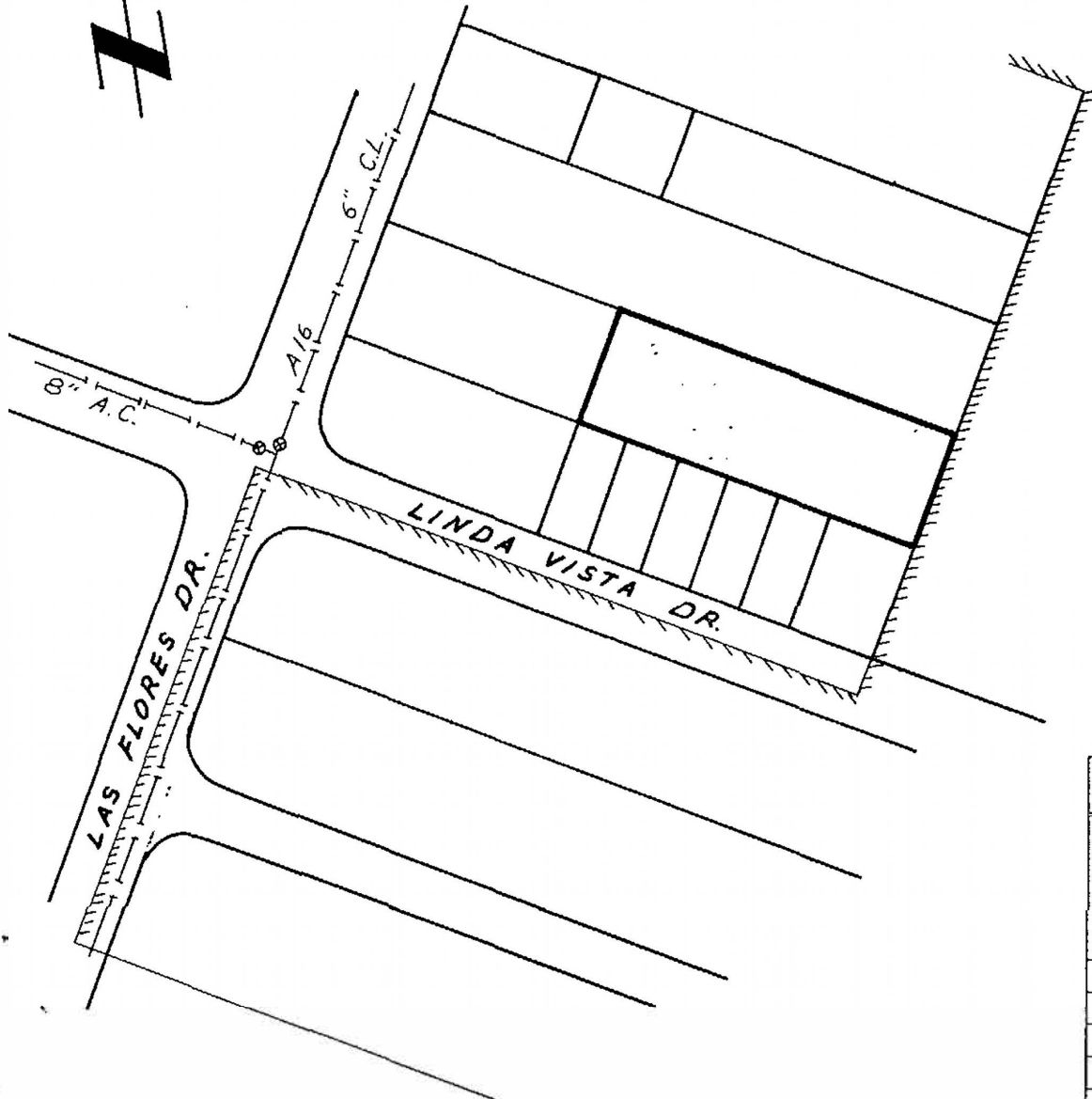


Signature Gilbert Aguilera
Gilbert Aguilera

(This area for official notarial seal)

3003-6482 (Individual) First American Title Company

1652



VICINITY MAP

3770 Linda Vista Dr.

VISTA IRRIGATION DISTRICT		
EXCHANGE AGREEMENT		
FOR		
MOORE		
A.P. NOS. 219-360-15		
SCALE: 1"=100"	T.B.	LN.
APPD BY:	DATE 9-10-85	WO
DRWN BY: BM	DATE 9-10-85	
SHEET 1 OF 1	MAP BC-2	

EXCHANGE AGREEMENT WITH OCEANSIDE

AGREEMENT BETWEEN THE CITY OF OCEANSIDE
AND THE VISTA IRRIGATION DISTRICT FOR FURNISHING
OF WATER TRANSPORTATION SERVICES

THIS AGREEMENT made this 2nd day of May,
1978, by and between the CITY OF OCEANSIDE, hereinafter
called "CITY" and the VISTA IRRIGATION DISTRICT, hereinafter
called "VID".

RECITALS

CITY presently does not have water supply facilities to serve water to those certain areas of the CITY primarily lying above elevation 365. VID has a filtered water connection to the Second Aqueduct of the San Diego County Water Authority which is capable of delivering, in addition to VID's present flow requirements, some of the water CITY is entitled to purchase from the San Diego County Water Authority. Similarly VID's existing transmission lines extending from the Second Aqueduct Connection to the vicinity of the area which CITY cannot presently supply, are capable of transporting to the above described CITY areas some of the CITY's entitlement of water from the San Diego County Water Authority.

CITY desires the use of services of the above mentioned connections and pipelines. VID agrees to this use.

IN FURTHERANCE OF THESE GOALS AND IN CONSIDERATION OF THEIR MUTUAL PROMISES, IT IS AGREED BY AND BETWEEN THE PARTIES HERETO as follows:

AGREEMENT

ARTICLE I

Subject to the terms and conditions set forth herein, VID shall take deliveries of water which CITY purchases from the San Diego County Water Authority, through its Second Aqueduct Connection and shall transport such water to the CITY receiving points.

ARTICLE II

VID agrees to so monitor the transportation of said water that the maximum rate of flow at each receiving point will be as mutually agreed between the parties and that the pressure at each such point shall be a minimum of 25 p.s.i.

ARTICLE III

The term "receiving point" as used herein shall mean those several metering points on the VID system at which CITY's water is delivered into its system as are mutually agreed upon between the parties to this Agreement.

ARTICLE IV

Upon selection of the receiving points, VID may install such automatic regulating devices as may be necessary to restrict the rate of flow to CITY to the agreed upon maximum amount. CITY shall reimburse VID for the costs of such installations upon billing therefor by VID.

ARTICLE V

At the end of each fiscal year thereof during the

term of this contract CITY shall pay VID an amount equal to 10 percent of MWD filter M & I water rate then in effect for all CITY water transported for it by VID during the period covered by the billing.

ARTICLE VI

The responsibility of reading and maintaining meters and reporting will be that of VID. VID will read the meters on the last day of the calendar month and report to the San Diego County Water Authority in acre feet the amount delivered to the CITY. San Diego County Water Authority will bill the CITY at the current Filtered Water Rate. VID shall have no liability for or obligation to pay for any of CITY's water so delivered to it.

ARTICLE VII

VID hereby agrees that prior to any interruption of service through existing or future facilities for maintenance or repairs, except in the case of emergency, VID shall furnish to CITY, at least seven (7) days prior thereto, written notice of the scheduled interruption.

ARTICLE VIII

CITY shall have the right to cancel this contract at the end of any fiscal year by giving to VID ninety (90) days written notice prior to the end of the fiscal year. VID shall have the right to cancel the contract if capacity is reached in the VID system, by giving the CITY three (3) years written notice.

ARTICLE IX

The rights and duties arising under this contract are not assignable, and it is subject to the approval of San Diego County Water Authority.

THE CITY OF OCEANSIDE

By *Paul G. Graham*

By *James P. [unclear]*

VISTA IRRIGATION DISTRICT

By *Hans H. Doe*

By *John W. Collins*

Approved at Board of Directors Meeting of Vista Irrigation District on February 8, 1978

APPROVED AS TO FORM & LEGALITY:

[Signature]
City Attorney

STATE OF CALIFORNIA }
COUNTY OF San Diego } SS.

On February 8, 1978 before me, the undersigned, a Notary Public in and for said County and State, personally appeared Hans H. Doe known to me to be the President, and John W. Collins known to me to be

Secretary of the corporation that executed the within Instrument, known to me to be the persons who executed the within Instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors.

Signature *Sylvia J. Boyle*
Sylvia J. Boyle



FOR NOTARY SEAL OR STAMP

OFFICIAL SEAL
SYLVIA J. BOYLE
NOTARY PUBLIC CALIFORNIA
PRINCIPAL OFFICE IN
SAN DIEGO COUNTY
MY COMMISSION EXPIRES OCT. 27, 1979

Staple

Staple

RETURN TO:
VISTA IRRIGATION DISTRICT
202 WEST CONNECTICUT AVE.
VISTA, CALIFORNIA 92083

1970

TSA-745

PARCEL 217-290-07

77-059874
FILE/PAGE NO. _____
BOOK 1977
RECORDED REQUEST OF

DISTRICT
FEB 17 10 42 AM '77

OFFICIAL RECORDS
SAN DIEGO COUNTY, CALIF.
MARLEY F. BLOOM
RECORDER

EXAMPLE TSA

TEMPORARY SERVICE AGREEMENT

\$7.00

This AGREEMENT made this 16th day of February, 1977

by and between AUGUSTO LIEGGHIO AND MARIANNA LIEGGHIO

hereinafter referred to as Owner and the Vista Irrigation District, a
Quasi-Municipal organization of the State of California, hereinafter
referred to as District.

WITNESSETH: That the Owner (s) and in occupancy of a certain parcel
of real property situated in the County of San Diego, State of California
and within the boundaries of the District, which parcel is particularly
described as follows:

EXHIBIT "A" ATTACHED

WHEREAS, said real property is not adjacent to any water main of the District and the Owner (s) applied for permission to connect with a District main at a location not adjacent to their said property for the purpose of providing a water supply for said parcel, and

WHEREAS, the District is willing to grant a temporary connection at its nearest main provided the Owner (s) agree (s) to and accepts the terms and conditions following:

NOW, THEREFORE, pursuant to the foregoing recitals and in consideration for the grant of such temporary connection on a pipeline not adjacent to the Owner's property, the Owner (s) hereby agree for themselves and their successors in interest in the ownership of the above described real Property as follows:

(1) The Owner (s) will pay the regular charge for the installation of a meter on the District's nearest main and acquire any easement and/or encroachment permit which might be necessary ever which to run a connecting line, the cost of acquiring such easement or permit and the installation and subsequent maintenance of the connecting line between the meter installed by the District and the Owner's property to be entirely at the expense of the Owner (s) without any liability to the District.

(2) The temporary connection shall be available to serve water to the Owner (s) property so long as it shall serve only one parcel, but may be terminated by the District upon written notice and disconnected in the event the service is extended to any subdivision of the parcel of real Property into two or more separate parcels to be served from such connection, or in the event of construction of two or more residences, thereon.

(3) Should the District, or others, hereafter install, or provide, a District water main adjacent to Owner's property, the temporary service connection permitted by this Agreement shall, upon demand of District, be terminated and discontinued. Thereafter, any future water service shall be provided by a connection to the new District main upon payment to District by Owner (s) of a connection fee then established by the District's Board of Directors. The amount of such fee shall include the expense incurred by District in moving the meter to the new main, together with such other

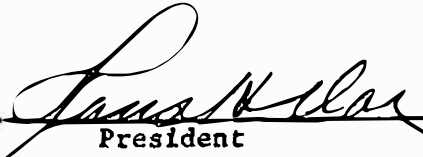
1972

reasonable charges as the Board of Directors may determine, including a pro-rata share of the cost of installation of such new water main.

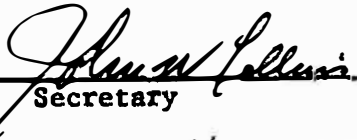
(4) The Owner (s) specifically agree (s) that a violation of the terms and conditions herein recited shall terminate right to the temporary connection and in that event the District may disconnect the line without further obligation to the Owner (s) or with out any liability to him (them) or to his (their) successors in interest.

IN WITNESS WHERETO, the Onwer (s) executed this agreement and the District has caused it to be executed by its proper officials thereunto first duly authorized, the day and year first above written.

VISTA IRRIGATION DISTRICT




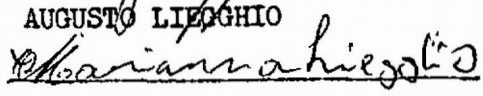
President



Secretary

OWNER

x 

AUGUSTO LIEGGHIO


MARIANNA LIEGGHIO

Approved for execution by the Board
of Directors of Vista Irrigation
District at meeting held on

February 16, 1977

(Corporation)

1973



STATE OF CALIFORNIA
COUNTY OF San Diego } SS.

On February 16, 1977 before me, the undersigned, a Notary Public in and for said State, personally appeared Hans H. Doe

known to me to be the _____ President, and John W. Collins known to me to be _____ Secretary of the corporation that executed the within Instrument, known to me to be the persons who executed the within Instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors

WITNESS my hand and official seal

Signature: Sylvia J. Boyle
Name (Typed or Printed)



OFFICIAL SEAL
SYLVIA J. BOYLE
NOTARY PUBLIC CALIFORNIA
PRINCIPAL OFFICE IN
SAN DIEGO COUNTY
MY COMMISSION EXPIRES OCT 27, 1979

(This area for official notarial seal)

This form furnished by California Land Title Company of San Diego STAPLE HERE

(Individual)

STATE OF CALIFORNIA
COUNTY OF San Diego } SS.



On February 2, 1977 before me, the undersigned, a Notary Public in and for said State, personally appeared Augusto Liegghio and Marianna Liegghio

_____ known to me to be the person S whose name S subscribed to the within instrument and acknowledged that they executed the same

WITNESS my hand and official seal

Signature: Sylvia J. Boyle
Name (Typed or Printed)



OFFICIAL SEAL
SYLVIA J. BOYLE
NOTARY PUBLIC CALIFORNIA
PRINCIPAL OFFICE IN
SAN DIEGO COUNTY
MY COMMISSION EXPIRES OCT. 27, 1979

(This area for official notarial seal)

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1974
EXHIBIT "A"

That portion of Lot 7 in Block "M" of Charles Victor Hall Tract Unit No. 2, in the County of San Diego, State of California, according to Map thereof No. 2056, filed in the Office of County Recorder of San Diego County, September 22, 1927, described as follows:

Beginning at a point in the Southerly line of said Lot 7, which is distant thereon North $86^{\circ}25'$ East 225.91 feet from the Southwesterly corner of said Lot; thence North $1^{\circ}40'20''$ East 217.33 feet to the TRUE POINT OF BEGINNING; thence North $46^{\circ}31'50''$ West 51.09 feet; thence Northerly in a straight line to a point in the Northerly line of said lot distant thereon North $73^{\circ}37'$ West 204.00 feet from the Northeasterly corner of said lot; thence South $73^{\circ}37'$ East 204.00 feet to said Northeasterly corner; thence along the East line of said lot South $0^{\circ}02'$ East 106.76 feet to the Southerly line of the land described in Deed to U. E. Chamberlain, et ux, recorded June 21, 1957 as Document No. 92566 of Official Records; thence North $83^{\circ}10'20''$ West along the Southerly line of said land 100.83 feet to an angle point in the Easterly line of said land; thence West 123.00 feet to the TRUE POINT OF BEGINNING.

An easement and right-of-way for road purposes, to be used in common with the Grantors and others, over that portion of the Southerly 25.00 feet of Lot 7 in Block "M" of Charles Victor Hall Tract Unit No. 2, according to Map thereof No. 2056, filed in the Office of County Recorder of San Diego County, September 22, 1927, lying Westerly of a line described as follows:

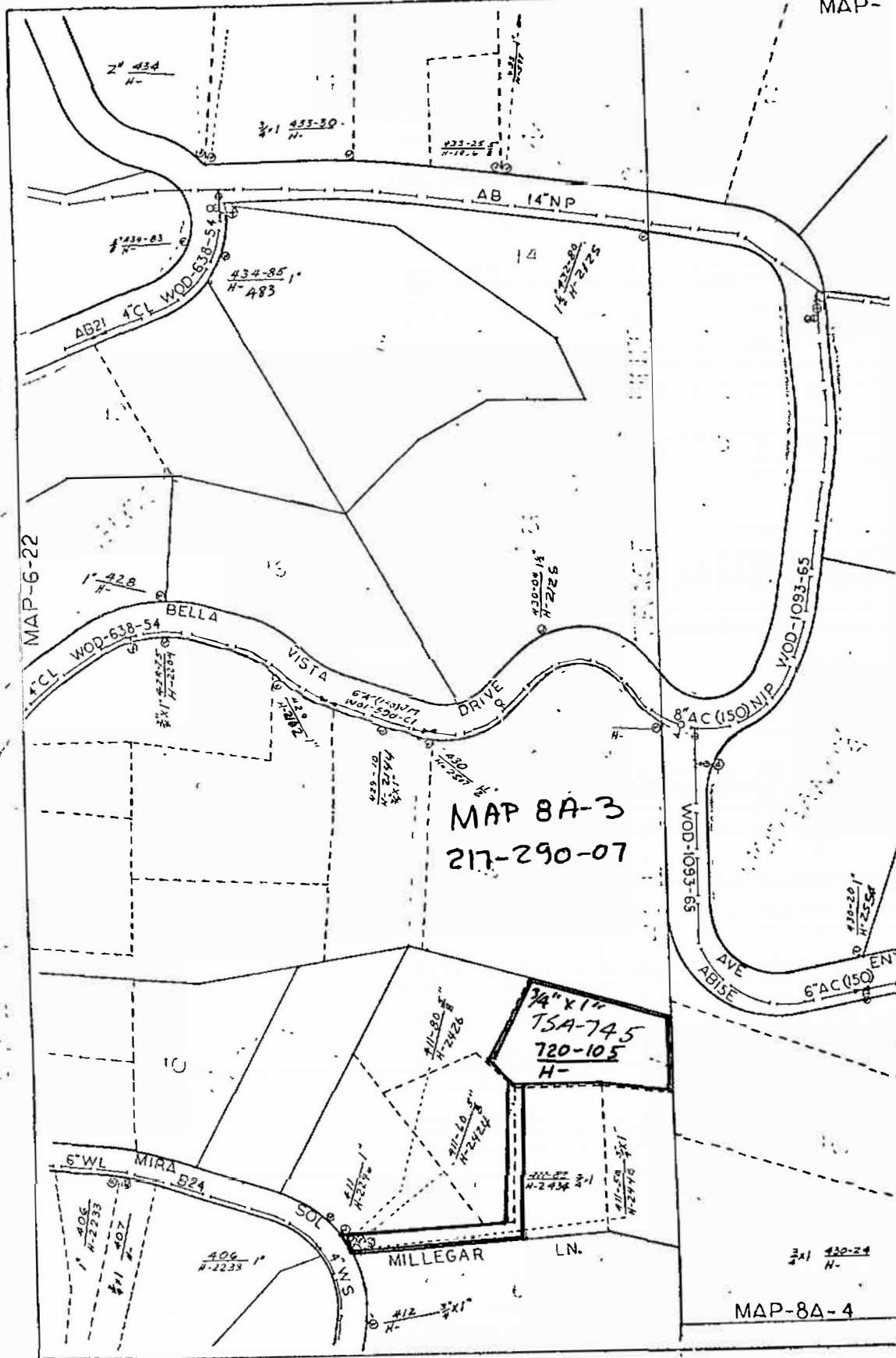
Beginning at a point in the Southerly line of said Lot 7, which is distant thereon North $86^{\circ}25'$ East 225.91 feet from the Southwesterly corner of said lot; thence North $0^{\circ}40'20''$ East 25.00 feet.

Also an easement and right-of-way for road purposes, to be used in common with the Grantors and others, over a strip of land 25.00 feet in width, the center line being described as follows:

Beginning at a point in the Southerly line of said lot, which is distant thereon North $86^{\circ}25'$ East 225.91 feet from the Southwesterly corner of said lot; thence North $1^{\circ}40'20''$ East 217.33 feet; thence North $46^{\circ}31'50''$ West 51.09 feet.

1975

MAP-





STAFF REPORT

Board Meeting Date: November 4, 2020
Prepared By: Randy Whitmann
Approved By: Brett Hodgkiss

SUBJECT: NORDAHL ROAD SUBDIVISION

RECOMMENDATION: Consider water service requirements for the Nordahl Road single-family residential subdivision located at 1217 Nordahl Road within an unincorporated area between the City of Escondido and City of San Marcos (LN 2015-009; APN 226-290-01; DIV NO 5).

PRIOR BOARD ACTION: On September 16, 2020, the Board postponed consideration of a detachment and temporary water service exchange agreement with the Vallecitos Water District for the Nordahl Road subdivision until it received an update on the terms and conditions of existing exchange and temporary service agreements.

FISCAL IMPACT: None.

SUMMARY: The proposed Nordahl Road project is a 15-lot single-family residential subdivision located at 1217 Nordahl Road. The 3.8-acre property is within the Vista Irrigation District's (District's or District) "Bennett" service area and within Vallecitos Water District's (Vallecitos's or Vallecitos) sphere of influence. Vallecitos is the intended water service provider for this area, and new developer projects within the District's Boot and Bennett service areas are typically directed to Vallecitos for water service and reorganization to facilitate the gradual conversion of these overlapping areas.

The site currently has a single-family residence that has District water service from a water main that fronts the property. The nearest Vallecitos water main that could provide service to the site is within Rock Springs Road and approximately 1,200 feet away. A Vallecitos pipeline extension within Nordahl Road to serve this project is not considered feasible at this time. Taking this into consideration, District and Vallecitos staff have worked together to develop the following requirements that still requires partial conversion:

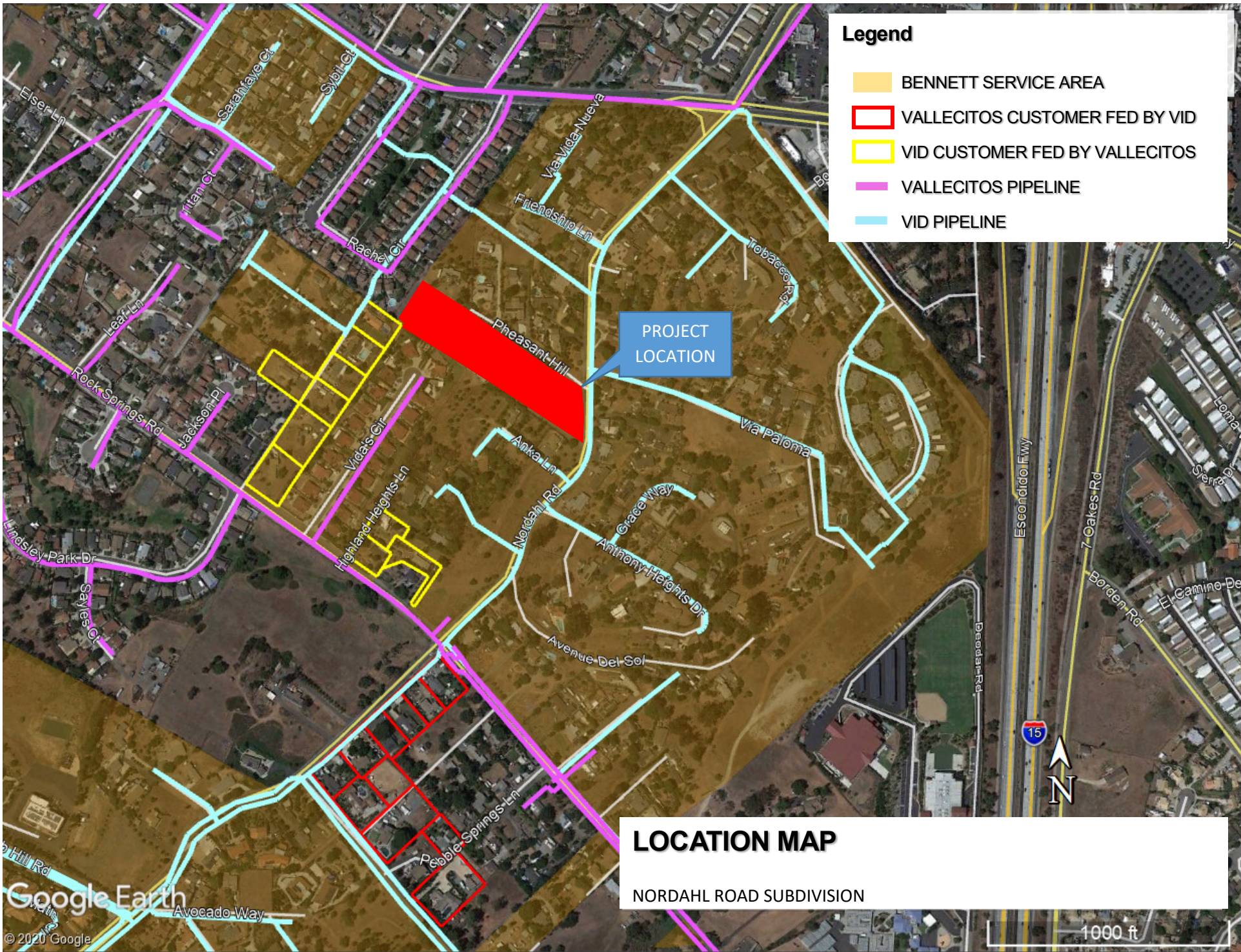
- Detachment from the District and annexation into Vallecitos. Note that annexation to Vallecitos for sewer service is already required.
- A Vallecitos pipeline extension into the subdivision that is fed from the District. Vallecitos will own and maintain the new pipeline. The District will feed the Vallecitos water main and meters through a temporary exchange agreement.

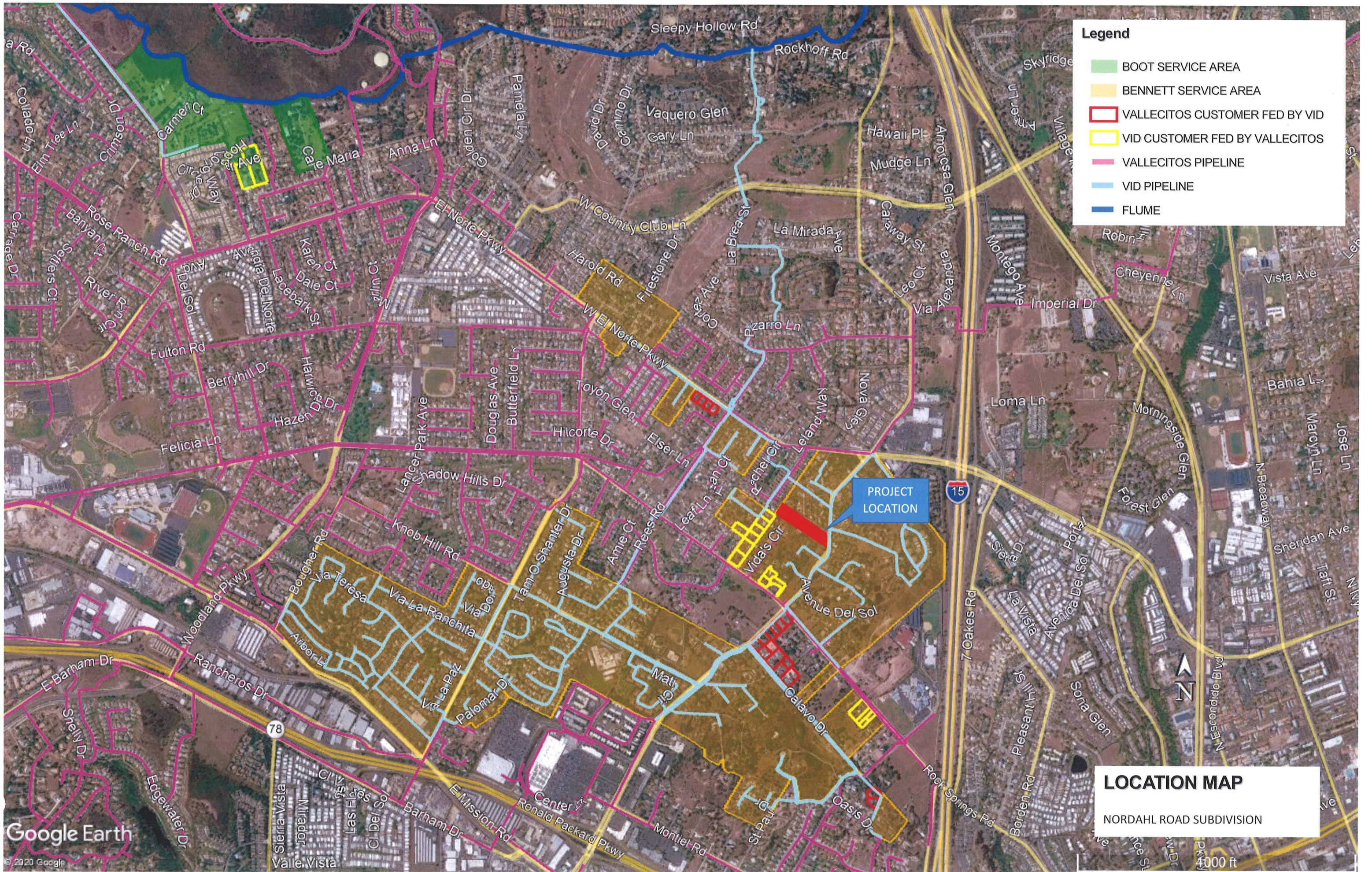
DETAILED REPORT: Projects like the Nordahl Road subdivision are difficult to reorganize and switch water service because a Vallecitos water main is not nearby and a pipeline extension overburdens the developer. The approach developed by District and Vallecitos staff (detachment and Vallecitos pipeline extension fed by the District through an exchange agreement) considers this factor. The developer is still required to meet all remaining conversion elements.

Additionally, consideration is given to the development of the vacant, hillside lot to the south being adjacent to an existing Vallecitos water main. Although it is difficult to predict when and how this property will develop, a future Vallecitos pipeline extension for water service appears to be likely. This would bring their system closer to the Nordahl Road subdivision and make an eventual full conversion more feasible. The other two options to consider are full conversion now by requiring the additional 1,200-foot Vallecitos pipeline extension from Rock Springs Road to the property or proceed with no service area reorganization and the subdivision/water main extension is a District project.

Staff requests that the Board consider the options presented and select the water service requirements for the Nordahl Road subdivision project. If full or partial conversion is selected, the owner will proceed with formal application for detachment with the San Diego Local Agency Formation Commission, and staff will collect administrative fees and prepare the formal terms and conditions for consideration at a subsequent Board meeting. If the decision is not to reorganize, this remains a District project; staff will notify Vallecitos that the District intends to serve the project and proceed with the waterline approval process.

ATTACHMENT: Map





Legend

- BOOT SERVICE AREA
- BENNETT SERVICE AREA
- VALLECITOS CUSTOMER FED BY VID
- VID CUSTOMER FED BY VALLECITOS
- VALLECITOS PIPELINE
- VID PIPELINE
- FLUME

PROJECT LOCATION

LOCATION MAP
 NORDAHL ROAD SUBDIVISION



4000 ft



Agenda Item: 11

STAFF REPORT

Board Meeting Date: November 4, 2020
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.



Our Region's Trusted Water Leader
San Diego County Water Authority

SUMMARY OF FORMAL BOARD OF DIRECTORS' MEETING **October 22, 2020**

1. Notice of Biennial Review of the Representatives to the Metropolitan Water District of Southern California.
The Board approved and confirmed Directors Butkiewicz, Hogan and Smith and Gail Goldberg as the Water Authority MWD representatives.
2. Approve the selection of pool of Financial Advisors to provide financial advisory services.
The Board authorized the General Manager to award professional service contracts to Financial Advisors for a total base amount not-to-exceed \$300,000 for the three-year period from December 1, 2020 to December 1, 2023. The contracts will have two one-year renewal options.
3. Amendment to extend the federal advocacy services contract with Carpi & Clay.
The Board continued this item to the November 19, 2020 Formal Board Meeting.
4. Monthly Treasurer's Report on Investments and Cash Flow.
The Board noted and filed the Treasurer's report.
5. Establish 2021 Board meeting dates.
The Board approved combining the November and December Board meeting dates to November 18, 2021 and approved the 2021 Board meeting dates calendar.
6. Abandonment of easements along El Paseo Road.
The Board continued this item to the November 19, 2020 Formal Board Meeting.
7. Agreement for the storage or sale of Local Water to the San Diego County Water Authority by the Santa Fe Irrigation District and San Dieguito Water District.
The Board approved the agreement between the Water Authority and Santa Fe Irrigation District and San Dieguito Water District for the storage or sale of local water and authorized the General Manager to purchase local water per the terms of the agreement.
8. Approve memorandum of understanding with City of San Diego and County of San Diego for implementation of Integrated Regional Water Management Program activities.
The Board approved the MOU with the City and the County for IRWM activities.
9. Approve the minutes of the Formal Board of Directors' meeting of September 4, 2020.
The Board approved the minutes of the Formal Board of Directors' meeting of September 4, 2020.



Our Region's Trusted Water Leader
San Diego County Water Authority

REVISED 2021 MEETING DATES CALENDAR

MONTH	SPECIAL BOARD MEETING 2 nd Thursday, if needed, 1:30 p.m.	BOARD MEETING 4 th Thursday 9:00 a.m. Committees 2:30 p.m. Formal Board
JANUARY	14	28
FEBRUARY	11	25
MARCH	11	25
APRIL	08	22
MAY	13	27
JUNE	10	24
JULY	08	22
AUGUST	12	26
SEPTEMBER	09	23
OCTOBER	14	28
NOVEMBER / DECEMBER	November 4	November 18

The combined meeting date for November and December is scheduled for November 18, 2021.



STAFF REPORT

Agenda Item: 12.A

Board Meeting Date: November 4, 2020
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: 12.B

Board Meeting Date: November 4, 2020
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	ACWA Region 5 Program <i>Nov. 10, 2020 – 10:00 a.m.; Virtual event</i> <i>Registration deadline: 11/9/2020</i>	
2	Bay-Delta Water Tour (Water Education Foundation) <i>Nov. 10, 2020, 2:30-5:30 p.m.; Virtual tour</i> <i>Reservation deadline: 11/10/20</i>	
3	Northern California Tour (Water Education Foundation) <i>Nov. 12, 2020, 2:30-5:30 p.m.; Virtual tour</i> <i>Reservation deadline: 11/12/20</i>	
4 *	Council of Water Utilities Meeting <i>Nov. 17, 2020; Virtual meeting</i> <i>Reservation deadline: TBD</i>	
5 *	Vista Chamber of Commerce Business Mixer <i>Nov. 18, 2020; 5:00 p.m. – 6:00 p.m.; virtual via Zoom</i> <i>Deadline: None</i>	
6	Central Valley Tour 2020 (Water Education Foundation) <i>Nov. 19, 2020, 2:30-5:30 p.m.; Virtual tour</i> <i>Reservation deadline: TBD</i>	
7 *	CSDA Quarterly Dinner Meeting <i>Nov. 19, 2020, 6:00-9:00 p.m.; Virtual meeting</i> <i>Reservation deadline: TBD</i>	
8	ACWA Fall Conference <i>Dec. 2-3, 2020; Virtual</i> <i>Registration deadline: 11/20/2020</i>	
9	San Joaquin River Restoration Tour (Water Education Foundation) <i>Dec. 10, 2020, 2:30-5:30 p.m.; Virtual tour</i> <i>Reservation 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



Agenda Item: 13

STAFF REPORT

Board Meeting Date: November 4, 2020
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:

- Four Reservoirs Seismic and Structural Analysis report
- Fiscal Year 2021 Capital Budget Phase II review
- General Manager Performance Evaluation
- Monthly billing
- Warner Wellfield Assessment



Agenda Item: 14

STAFF REPORT

Board Meeting Date: November 4, 2020
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: 15

STAFF REPORT

Board Meeting Date: November 4, 2020
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: 16

STAFF REPORT

Board Meeting Date: November 4, 2020
Prepared By: Brett Hodgkiss

SUBJECT: COMMENTS BY GENERAL MANAGER

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

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

A REGULAR MEETING OF THE BOARD OF DIRECTORS OF VISTA IRRIGATION DISTRICT, HELD ON NOVEMBER 4, 2020 WAS ADJOURNED UNTIL 9:00 AM, NOVEMBER 18, 2020 AT THE OFFICE OF THE VISTA IRRIGATION DISTRICT, 1391 ENGINEER STREET, VISTA, CALIFORNIA.

* * * * *

AFFIDAVIT OF POSTING ORDER OF ADJOURNMENT OF MEETING

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

I, Ranae Ogilvie, hereby certify that I am the duly appointed, qualified Assistant Secretary of the Board of Directors of Vista Irrigation District; that the foregoing is duly noted in the Minutes of said Regular Meeting of the Board of Directors of Vista Irrigation District; that said Regular Board Meeting was ordered adjourned to the time and place above specified; and that I posted a copy of this order of adjournment near the public entrance to the Board Room at the offices of the District.



Ranae Ogilvie, Assistant Secretary
Board of Directors
Vista Irrigation District

POSTED: November 4, 2020