

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

January 23, 2019

An Adjourned Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, January 23, 2019, at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

President MacKenzie called the meeting to order at 9:02 a.m.

2. ROLL CALL

Directors present: Vásquez, Dorey, Sanchez, MacKenzie, and Miller (arrived at 9:08 a.m.).

Directors absent: None.

Staff present: Brett Hodgkiss, General Manager; Lisa Soto, Secretary of the Board; Don Smith, Director of Water Resources; Randy Whitmann, Director of Engineering; Frank Wolinski, Director of Operations and Field Services; Greg Keppler, Engineering Project Manager; Matt Atteberry, Engineering Services Manager; Mark Saltz, Water Resources Specialist; Marlene Kelleher, Director of Administration; and Ranae Ogilvie, Administrative Assistant. General Counsel Joel Kuperberg was also present.

Other attendees: Doug Gillingham of Gillingham Water.

3. PLEDGE OF ALLEGIANCE

Director Dorey led the pledge of allegiance.

4. APPROVAL OF AGENDA

19-01-11 *Upon motion by Director Vásquez, seconded by Director Sanchez and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors approved the agenda as presented.*

5. PUBLIC COMMENT TIME

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

6. CONSENT CALENDAR

19-01-12 *Upon motion by Director Sanchez, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors approved the Consent Calendar, including Resolution No. 19-04 approving disbursements.*

A. Grant of Right of Way

See staff report attached hereto. Staff recommended and the Board accepted Grant of Right of Way (P83) via City of Vista Map P16-0470 for a 12-foot by 11-foot and 8-foot by 8-foot specific easement over a 305-unit multi-family residential housing project known as Persea, consisting of approximately 10.4 gross acres owned by Persea Senior Borrower, LLC, located at 1305 North Santa Fe Avenue, Vista (LN 2018-017; APN's 173-080-04, 06, 07, 17, 18, 20, 22, 24, 36, 37, 38, 39; DIV NO 1).

B. Minutes of Board of Directors meeting on January 9, 2019

The minutes of January 9, 2019 were approved as presented.

C. Resolution ratifying check disbursements

RESOLUTION NO. 19-04

BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 60720 through 60800 drawn on Union Bank totaling \$457,034.49.

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 23rd day of January 2019.

7. RESOLUTION HONORING PAST PRESIDENT PAUL E. DOREY

See staff report attached hereto.

General Manager Brett Hodgkiss reviewed a few of the District's most notable accomplishments under Director Dorey's leadership as Board President in 2018. President MacKenzie thanked Director Dorey for his service and his leadership.

19-01-13 *Upon motion by Director Vásquez, seconded by Director Sanchez, the Board of Directors adopted Resolution 19-05 honoring the District's 2018 past president, Paul E. Dorey, by the following roll call vote:*

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

A copy of Resolution 19-05 is on file in the official Resolution Book of the District.

8. WATER SUPPLY PLANNING STUDY

See staff report attached hereto.

Director of Engineering Randy Whitmann recalled that the Board approved the Request for Proposal (RFP) for the Water Supply Planning Study (Project) in October 2018. He presented a brief

overview of the Project, stating that its main objective is to determine and evaluate whether to continue to receive local water via the Vista Flume (Flume) or to retire the Flume in favor of alternatives identified in the District's Potable Water Master Plan (Master Plan).

Mr. Whitmann said that the RFP was sent out to nine firms, and one proposal was received from Gillingham Water teamed with four other consultants. He said that this Project is highly specialized and unique, as is the team of consultants that has been assembled. Mr. Whitmann reviewed the members of the team, and the expertise each one brings to the Project. He noted that the Project should take about a year to complete and will include three Board workshops as part of the process.

19-01-14 *Upon motion by Director Sanchez, seconded by Director Vásquez and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors authorized the General Manager to enter into an Agreement for Professional Services with Gillingham Water for the Water Supply Planning Study in an amount not-to-exceed \$324,800.*

Director Sanchez shared some principles to bear in mind during this undertaking to ensure that the Project aligns with the District's Master Plan and its Mission Statement. Director Dorey expressed similar sentiments. President MacKenzie commended Gillingham Water for an excellent proposal, adding that it was well prepared, in-depth, and easy to read. She thanked Mr. Gillingham and commented that she believes he has put together a very good team.

9. HB RESERVOIR REHABILITATION DESIGN

See staff report attached hereto.

Mr. Whitmann presented an overview of the findings of the structural evaluation that was recently completed on HB Reservoir. He stated that the pre-stressed wire wrapping is in good condition but the walls, which are not anchored to the floor, will need seismic cabling to connect them to the footings. Mr. Whitmann stated that the concrete dome roof is not anchored to the walls; therefore, a significant amount of bracketing would need to be installed to properly anchor it to the walls. Alternatively, the roof could be to replaced with an aluminum dome roof, which is estimated to cost only slightly more.

Mr. Whitmann said that the tank is also in need of relining. It was noted that HB Reservoir was relined for the second time 20 years ago, prompting a discussion about how and when the District might consider replacement rather than rehabilitation of a reservoir. Mr. Whitmann said that when the walls and floor are in disrepair, it might be time to replace the reservoir. He stated that the walls of HB Reservoir will be inspected after the lining is removed, adding that the walls are expected to be found in good condition. Mr. Whitmann said that Brady has estimated that following its rehabilitation, HB reservoir could last another 50 years, though it may need a new liner in 20-30 years. Mr. Hodgkiss said that about mid-way through the design process, staff will have a better idea as to whether it would make sense to rehabilitate or replace the HB Reservoir. The Board expressed its desire to select the approach that would make the best use of the ratepayers' money, whether it is to rehabilitate or rebuild the reservoir.

19-01-15 *Upon motion by Director Dorey, seconded by Director Vásquez and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors authorized the General Manager to amend the Agreement for Professional Services with Richard Brady & Associates to include the design of the HB Reservoir Rehabilitation for a total cost not to exceed \$289,600.*

10. SCHOLARSHIP CONTEST

See staff report attached hereto.

Mr. Hodgkiss reviewed the discussion that the Public Affairs Committee (Committee) had with the Board at the December 5 Board meeting regarding proposed changes to the Scholarship Contest (Contest). Based on input received from the Board, the Committee met again and made further revisions to the Contest, increasing the maximum number of scholarship awards and setting minimum and maximum award amounts. Additionally, in an effort to get a better idea of what promotional methods are working best, the Committee included a question on the application about how the applicant heard about the Contest. As Chair of the Committee, Director Sanchez requested that his fellow Board members keep the Contest in mind and help promote it wherever possible.

11. MARCH 2019 BOARD MEETING DATES

See staff report attached hereto.

The Board noted that the ACWA Legislative Symposium, which was originally planned for March 20, was changed to March 6 instead. After brief discussion, the board took the following action:

19-01-16 *Upon motion by Director Miller, seconded by Director Sanchez and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors changed the Board of Directors meeting dates in March 2019 from March 6 and March 19 to March 7 and 20.*

12. DISTRICT COMMITTEES AND REPRESENTATIVES TO OUTSIDE ORGANIZATIONS

See staff report attached hereto.

President MacKenzie made the 2019 appointments to District committees and outside organizations, as follows:

Standing Committees

- Water Sustainability Director Vásquez, Chair; and Director Sanchez
- Fiscal Policy: President MacKenzie, Chair; and Director Vásquez
- Warner Ranch Director Dorey, Chair; and President MacKenzie
- Public Affairs Director Sanchez, Chair; and Director Miller
- Groundwater Director Dorey, Chair; and Director Miller

Outside Organizations

- San Luis Rey Watershed Council Director Dorey; and Jessica Sherwood (alternate)
- ACWA-JPIA Director Dorey; Brett Hodgkiss (alternate)
- Southern California Water Coalition Director Dorey; Vásquez (alternate)
- Groundwater Resources Association Director Dorey; Vásquez (alternate)

19-01-17 *Upon motion by Director Miller, seconded by Director Vásquez and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors ratified the 2019 committee and outside organization appointments made by President MacKenzie.*

13. DISTRICT GENERAL COUNSEL

See staff report attached hereto.

Mr. Hodgkiss stated that with the Joel Kuperberg's resignation the District will need to replace General Counsel; the District has the option to replace Mr. Kuperberg by appointing new General Counsel from Rutan & Tucker, LLP (Rutan) or soliciting proposals for General Counsel services. It was noted that the agreement with Rutan is ongoing with no end date and can be amended by the Board as needed.

The Board was in agreement that it has been well-served by General Counsel Kuperberg over the years and expressed confidence in the Rutan team. There was consensus among the Board members that David Cosgrove would be a suitable replacement for Mr. Kuperberg (upon Mr. Kuperberg's resignation effective January 31, 2019). Consensus was also noted among the Board members that Jeremy Jungreis would be an acceptable Back-up General Counsel to Mr. Cosgrove. President MacKenzie highlighted the fact that the Board values having one person named as the Principal Attorney (General Counsel) in the agreement, as was the case with Mr. Kuperberg in the agreement with Rutan. She emphasized that this will be the case again; David Cosgrove being named as General Counsel, and Jeremy Jungreis as Back-up General Counsel.

19-01-18 *Upon motion by Director Jo MacKenzie, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors authorized an amendment to the agreement with Rutan & Tucker, LLP, replacing Joel Kuperberg with David Cosgrove as General Counsel.*

President MacKenzie requested that staff make sure attachment(s) to the amendment reference the amendment number, making it easier to match the documents.

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

See staff report attached hereto.

Director Miller reported that the next meeting of the San Diego County Water Authority (Water Authority) was scheduled for the following day. He reported that as Chair of the Water Authority Engineering and Operations Committee he attended his first Committee Chairs meeting. He reported that Gloria Gray was named as Chair of the Board of Directors of the Metropolitan Water District (MWD). He noted that nearly all of the Water Authority MWD Delegates received a Committee Chair or Vice-Chair position.

Director Miller reported on a proposed change to the Water Authority's Administrative Code that would allow one of the MWD delegates to be a non-Water Authority board member. This change would allow that delegate to cast a vote on items that Water Authority delegates ordinarily could not. This item is expected to garner a significant amount of discussion at the Water Authority Board meeting the following day.

Mr. Hodgkiss reported on the arbitration matter between the San Luis Rey Indian Water Authority (SLRIWA) and the San Diego County Water Authority; he noted that the arbitration judge, Judge Wanger, requested that his decision be confirmed by a court of competent jurisdiction. The SLRIWA, Vista Irrigation District, and City of Escondido will be submitting an application to the United States District Court requesting confirmation of the judgement.

15. MEETINGS AND EVENTS

See staff report attached hereto.

Directors Dorey and Vásquez reported on their attendance at the January 15 meeting of the Council of Water Utilities (COWU) where Jeff Armstrong, General Manager of Rancho California Water District, presented an overview of Rancho California Water District's Advanced Metering Infrastructure System, its budget-based tiered rates, and its implementation of the MyWaterTracker program.

President MacKenzie reported that she attended a meeting of the Southern Region of the California Local Agencies Formation Commission (CALAFCO) the previous Monday where the discussion centered on its dues structure.

President MacKenzie reported that she participated in a conference call for the Special District Leadership Foundation concerning the scholarships fund. She also participated in a conference call for the Finance Corporation, which included an update regarding previous year's financing activities. She also reported that the California Special District Association (CSDA) Board met in closed session regarding the Chief Executive Officer's performance evaluation.

President MacKenzie reported on her attendance at a meeting of the San Diego Chapter (Chapter), CSDA Executive Committee where there was a discussion regarding funding available for scholarships. She reported that the officers on the Executive Committee remain unchanged from the previous year. The Chapter plans to review its bi-laws regarding the duties of the Executive Committee and rules related to the Past President position.

Director Sanchez requested authorization to attend the Association of California Water Agencies (ACWA) Legislative Symposium on March 6 in Sacramento.

19-01-19	<i>Upon motion by Director Miller, seconded by Director Vásquez and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Sanchez, and MacKenzie), the Board of Directors authorized Director Sanchez to attend the ACWA Legislative Symposium in Sacramento on March 6, 2018.</i>
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16. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

See staff report attached hereto.

Mr. Hodgkiss said that an item regarding the District's participation on the Vista Historical Society Hall of Fame Nomination Committee would be scheduled for consideration by the Board at its February 6 Board meeting. Scheduling of the Board's annual Lake Henshaw / Warner Ranch inspection tour would be agendized for February 20; and the ACWA Joint Powers Insurance Authority HR LaBounty Safety Awards would be presented at the March 20 Board meeting.

Director Sanchez requested that the itinerary for the Lake Henshaw / Warner Ranch tour include a stop at the HB Reservoir. President MacKenzie suggested an agenda item to discuss the possibility of renaming the District's reservoirs because names like HP and HB are not helpful in distinguishing them from each other; perhaps a reference to the reservoir location in the name might be helpful.

17. COMMENTS BY DIRECTORS

Director Dorey announced on a sad note that former long-time District employee Pete Wheelock's wife passed away recently.

The Board recognized that this meeting would be the very last one for retiring General Counsel Joel Kuperberg. The Board all expressed sincere thanks to Mr. Kuperberg for his counsel over the years and wished him and his family well in his retirement.

18. COMMENTS BY GENERAL COUNSEL

Mr. Kuperberg thanked the Board for the opportunity to work with the District's top-notch management staff on a number of important projects. He said it has been an honor to serve the Board.

19. COMMENTS BY GENERAL MANAGER

Mr. Hodgkiss informed the Board that the rainfall at Lake Henshaw (Lake) so far in the month of January has been about 5.5 inches; the Lake level has gone up about 600 acre feet since January 1, 2019.


20. ADJOURNMENT

There being no further business to come before the Board, at 10:53 a.m., President MacKenzie adjourned the meeting.



Jo MacKenzie, President

ATTEST:



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



STAFF REPORT

Agenda Item: 6.A

Board Meeting Date:	January 23, 2019
Prepared By:	Matt Atteberry
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: GRANT OF RIGHT OF WAY

RECOMMENDATION: Accept Grant of Right of Way (P83) via City of Vista Map P16-0470 for a 12-foot by 11-foot and 8-foot by 8-foot specific easement over a 305-unit multi-family residential housing project known as Persea consisting of approximately 10.4 gross acres owned by Persea Senior Borrower, LLC, located at 1305 North Santa Fe Avenue, Vista (LN 2018-017; APN's 173-080-04, 06, 07, 17, 18, 20, 22, 24, 36, 37, 38, 39; DIV NO 1).

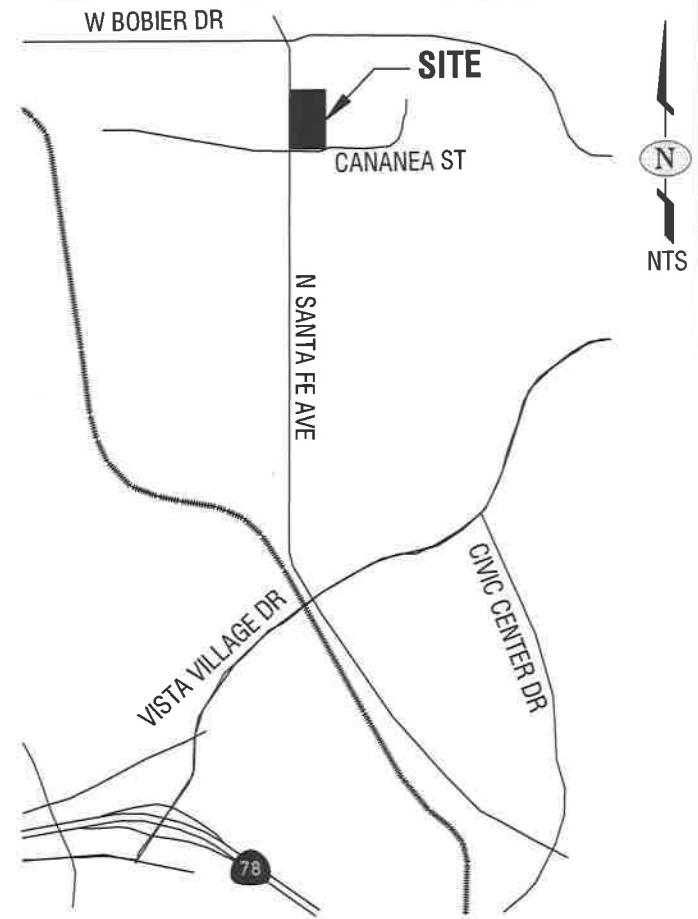
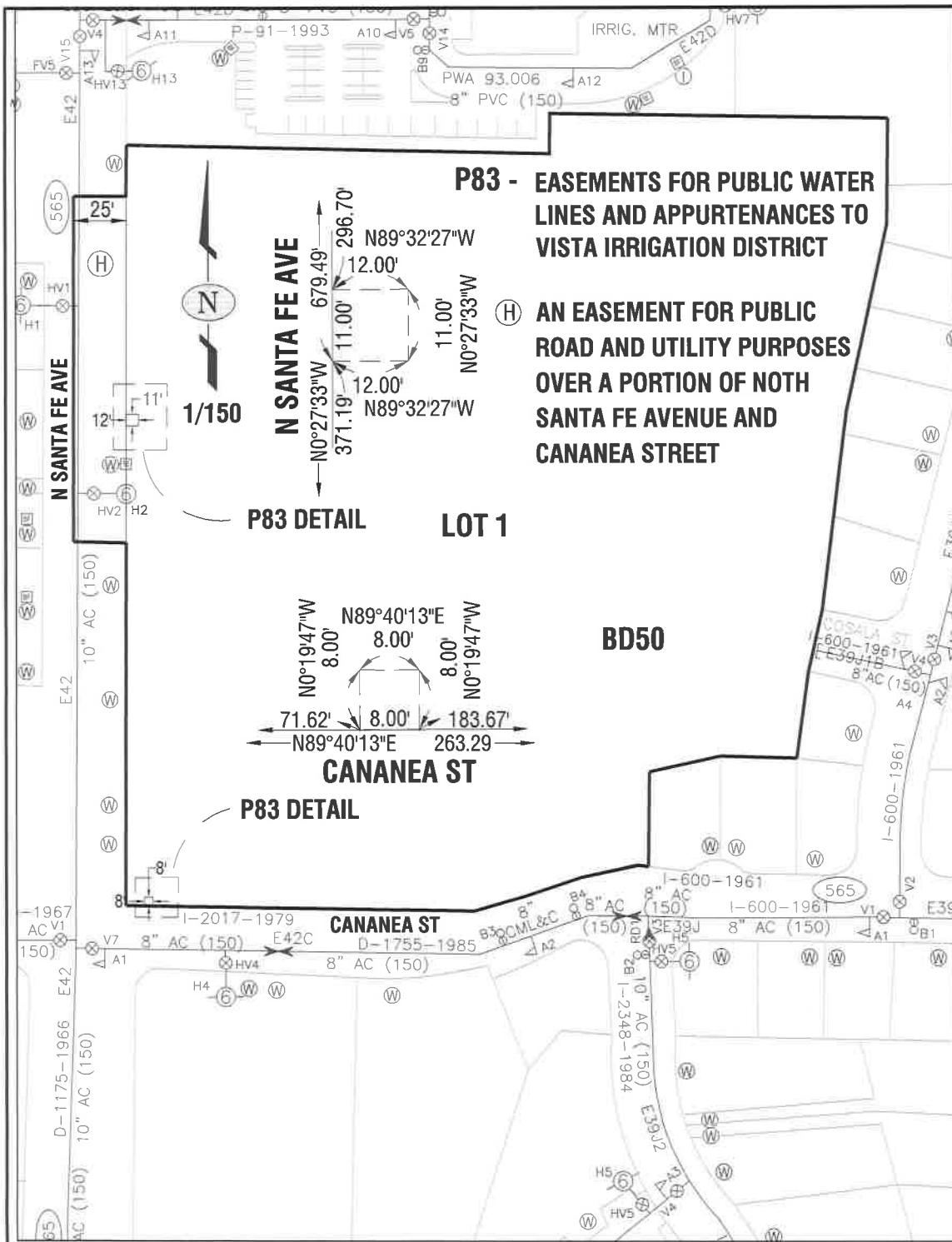
PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: The acceptance of Grant of Right of Way (P83) via City of Vista Map P16-0470 will allow the District to secure a dedicated 12-foot by 11-foot and 8-foot by 8-foot specific easement over Lot 1 and allow the owner to record the map with the County Recorder.

DETAILED REPORT: Persea Senior Borrower, LLC is in the process of a lot consolidation to create one parcel and develop a 305-unit multi-family residential housing and associated improvements on 10.4 gross acres located at the northeast corner of N. Santa Fe Avenue and Cananea Street (APNs 173-080-04, 173-080-06, 173-080-07, 173-080-17, 173-080-18, 173-080-20, 173-080-22, 173-080-24, 173-080-36, 173-080-37, 173-080-38, and 173-080-39). The District currently has Blanket Easement (BD50) encumbered over a portion of this property. The owner is granting the District a specific easement over an area 12-foot by 11-foot along North Santa Fe Avenue and an area 8-foot by 8-foot along Cananea Street. The acceptance of Grant of Right of Way (P83) will allow the installation of new water meters to be located within the dedicated specific easements and allow the owner to proceed with the development of their project.

ATTACHMENT: Map



VISTA IRRIGATION DISTRICT

PERSEA

VISTA TRACT NO. P16-0470

APN 173-080-04, 06, 07, 17, 18, 20, 22, 24, 36, 37, 38, 39

T.B. 1087 H4

SCALE: 1/150

L.N. 2018-017

APPD. BY *AT*

DATE 1/14/19

W.O.

DRAWN BY PD

DATE 01/07/19

SHEET 1 of 1

MAP E10

REVISED 1/8/19 Paul Dupree



Cash Disbursement Report

Payment Dates 12/29/2018 - 01/11/2019

Payment Number	Payment Date	Vendor	Description	Amount
60720-60722	01/03/2019	Refund Checks 60720-60722	Customer Refunds	2,096.33
60723	01/03/2019	ACWA/JPIA	Workers Compensation 10/2018 - 12/2018	48,317.93
60724	01/03/2019	Basic pacific	Flex Spending Service & COBRA 12/2018	252.80
60725	01/03/2019	CI Solutions	ID Cards	111.55
60726	01/03/2019	Cecilia's Safety Service Inc	Traffic Control - Osborne St	3,740.00
60727	01/03/2019	Ergo Works Inc	New Chairs (2)	1,303.34
60728	01/03/2019	Ferguson Waterworks	Valves (10) & Rebuild Kits (2) - Regulator Maint	1,805.61
	01/03/2019	Ferguson Waterworks	10" Gate Valves - CX27K Regulator (2)	3,502.97
	01/03/2019	Ferguson Waterworks	4" Check Valve - Station #4	676.56
	01/03/2019	Ferguson Waterworks	Inventory - Stock Return	(740.43)
60729	01/03/2019	Coast Fitness Repair Shop	Fitness Equipment Maintenance	200.00
60730	01/03/2019	Hawthorne Machinery Co	Cutting Edge B-16 Broom Attachment	177.01
60731	01/03/2019	Lawnmowers Plus Inc	Blade Adapter for Saw Truck 11 & 66	14.78
	01/03/2019	Lawnmowers Plus Inc	Plugs for Saws Trucks 11 & 66	28.83
60732	01/03/2019	Leon Perrault Trucking & Materials	Materials & Trucking	1,420.00
	01/03/2019	Leon Perrault Trucking & Materials	Materials & Trucking	4,206.25
	01/03/2019	Leon Perrault Trucking & Materials	Materials & Trucking	4,626.88
	01/03/2019	Leon Perrault Trucking & Materials	Materials & Trucking	750.00
60733	01/03/2019	Major League Pest	Monthly Pest Control - VID Headquarters	93.00
60734	01/03/2019	Marselino Sanchez	Tuition Reimbursement 12/2018	181.00
60735	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - Cobra	23.02
	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - Employees	1,588.58
	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - R Vasquez	14.24
	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - P Sanchez	14.24
	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - M Miller	14.24
	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - P Dorey	14.24
	01/03/2019	Medical Eye Services	Vision Insurance 01/2019 - J MacKenzie	14.24
60736	01/03/2019	Moodys	Dump Fees - New Mainline Installation	600.00
60737	01/03/2019	Mutual of Omaha	LTD/STD/Life Insurance 01/2019	7,109.88
60738	01/03/2019	One Source Distributors	SCADA Enclosure Back Panel & Locking Door Handles	565.07
	01/03/2019	One Source Distributors	Wire Labels	359.39
60739	01/03/2019	Red Wing Shoe Store	Footwear Program (2)	445.62
60740	01/03/2019	San Diego Gas & Electric	Electric 12/2018 Warner Ranch	26.37
60741	01/03/2019	Sherry Thorpe	Reimburse COSS Certificate Renewal & New Hire Lunch	203.02

Payment Number	Payment Date	Vendor	Description	Amount
60742	01/03/2019	Shred-it USA LLC	Monthly Shredding Service	108.51
60743	01/03/2019	Southern Counties Lubricants, LLC	VID Fleet Fuel Use, 12/1/18 to 12/15/18	4,802.88
60744	01/03/2019	TS Industrial Supply	First Aid Kit (4)	99.59
	01/03/2019	TS Industrial Supply	Digging Bar Heavy Duty (8)	995.90
	01/03/2019	TS Industrial Supply	Blade 14" Diamond Concrete (3)	672.88
	01/03/2019	TS Industrial Supply	Wrench T-Handle 6'-11' (4)	584.55
	01/03/2019	TS Industrial Supply	Cutting Attachment CA2460-CS (1)	322.59
	01/03/2019	TS Industrial Supply	Cutter 1" Carb Shell DI (2)	313.93
	01/03/2019	TS Industrial Supply	Rake 14" Garden (2)	29.55
	01/03/2019	TS Industrial Supply	Cutter 1" Carb Shell AC (2)	313.93
	01/03/2019	TS Industrial Supply	Plier 7.5" Long Nose (2)	30.31
	01/03/2019	TS Industrial Supply	Utility Bar 14" (2)	33.56
	01/03/2019	TS Industrial Supply	Wrench 8" Adjustable (2)	41.14
	01/03/2019	TS Industrial Supply	Probe 3/8"x4' Stainless Steel (2)	136.94
	01/03/2019	TS Industrial Supply	Shovel 4" Trench Straight (8)	133.62
	01/03/2019	TS Industrial Supply	Wrench 15/16" Combination (3)	71.45
	01/03/2019	TS Industrial Supply	Cutter 2" Carb Shell AC (1)	193.77
	01/03/2019	TS Industrial Supply	Level 9" Torpedo (4)	49.80
	01/03/2019	TS Industrial Supply	Extractor .75" Spiral (1)	14.39
	01/03/2019	TS Industrial Supply	Duck Tape (24)	246.81
	01/03/2019	TS Industrial Supply	Leather Unlined Gloves size XL (30)	227.33
	01/03/2019	TS Industrial Supply	Red Striping Paint (24)	124.18
	01/03/2019	TS Industrial Supply	Nemesis Blk Frame Smoke Safety Glass (24)	110.42
	01/03/2019	TS Industrial Supply	Electrical Tape (100)	94.18
	01/03/2019	TS Industrial Supply	Small Wire Brush (20)	45.47
	01/03/2019	TS Industrial Supply	1" Masking Tape (24)	42.87
60745	01/03/2019	Verizon Wireless	Air Cards 11/13 - 12/12/18	76.02
	01/03/2019	Verizon Wireless	Cell Phones 11/16 - 12/15/18	1,296.09
60746	01/03/2019	Vista Lock & Safe Co	Digital Keypad Door Lock For SCADA Room	1,050.74
60747	01/09/2019	Airgas USA LLC	Welder Bag	16.81
60748	01/09/2019	Asphalt Zipper Co	Asphalt Grinder	133,721.23
60749	01/09/2019	AT&T	Data Service 11/2018	819.08
	01/09/2019	AT&T	Voice Service 11/2018	573.24
	01/09/2019	AT&T	Data Service 12/2018	701.02
	01/09/2019	AT&T	Voice Service 12/2018	419.43
60750	01/09/2019	BAVCO	Test Cocks For Backflow Devices	206.23
60751	01/09/2019	CARB/PERP	ARB Permit Renewal for Asphalt Zipper	300.00
60752	01/09/2019	CDW Government Inc	Displayport Cable	18.35
	01/09/2019	CDW Government Inc	Bluetooth Mouse	30.20
	01/09/2019	CDW Government Inc	Caselogic Laptop Case	24.15

Payment Number	Payment Date	Vendor	Description	Amount
60753	01/09/2019	Cecilia's Safety Service Inc	Traffic Control Vale Terrace Dr & Ponderosa Dr	1,395.00
	01/09/2019	Cecilia's Safety Service Inc	Traffic Control Sycamore Ave & Hibiscus Ave	1,105.00
	01/09/2019	Cecilia's Safety Service Inc	Traffic Control 238 Anns Way	1,540.00
	01/09/2019	Cecilia's Safety Service Inc	Traffic Control 2911 S Santa Fe Ave	1,540.00
	01/09/2019	Cecilia's Safety Service Inc	Traffic Control Rosario Lane	1,402.50
	01/09/2019	Cecilia's Safety Service Inc	Traffic Control 317 Huff St	595.00
	01/09/2019	Cecilia's Safety Service Inc	Traffic Control 201 Avenida Elena	765.00
60754	01/09/2019	Citi Cards	Introduction to AutoCAD	485.00
	01/09/2019	Citi Cards	Supplies - Costco	583.19
	01/09/2019	Citi Cards	Holiday Testers (2) for Valves	879.54
	01/09/2019	Citi Cards	CAPPO Conference	793.26
	01/09/2019	Citi Cards	Required New Hire HR Pamphlets	91.85
	01/09/2019	Citi Cards	2018 Service Awards	2,059.89
	01/09/2019	Citi Cards	Welder - Equipment Operator Ad Craigslist	70.00
	01/09/2019	Citi Cards	Welder - Equipment Operator Ad	200.00
	01/09/2019	Citi Cards	Employee Appreciation Bekker's Catering Deposit 50%	1,761.44
	01/09/2019	Citi Cards	Employee Appreciation-Tables, Chairs, Linens	562.22
	01/09/2019	Citi Cards	Employee Appreciation Event - Costco	204.54
	01/09/2019	Citi Cards	Employee Appreciation Bekker's Catering	1,761.45
	01/09/2019	Citi Cards	Colorado River Water Users Conf R Vasquez	377.57
	01/09/2019	Citi Cards	Colorado River Water Users Conf R Vasquez	(99.37)
	01/09/2019	Citi Cards	Colorado River Water User Conf R Vasquez	281.94
	01/09/2019	Citi Cards	Colorado River Water User Conf R Vasquez	99.70
	01/09/2019	Citi Cards	Colorado River Water Users Conf M Miller	202.96
	01/09/2019	Citi Cards	Colorado River Water Users Conf J MacKenzie	202.96
	01/09/2019	Citi Cards	Colorado River Water Users Conf P Sanchez	377.57
	01/09/2019	Citi Cards	ACWA Fall Conference P Dorey	898.12
	01/09/2019	Citi Cards	ACWA Fall Conference P Sanchez	673.59
	01/09/2019	Citi Cards	ACWA Fall Conference R Vasquez	673.59
	01/09/2019	Citi Cards	ACWA Fall Conference M Miller	673.59
	01/09/2019	Citi Cards	Southern California Water Coalition Mtg P Dorey	75.00
60755	01/09/2019	Council of Water Utilities	Council of Water Utilities Meeting P Dorey	45.00
	01/09/2019	Council of Water Utilities	Council of Water Utilities Meeting R Vasquez	45.00
	01/09/2019	Council of Water Utilities	Council of Water Utilities Meeting B Hodgkiss	45.00
60756	01/09/2019	Craneworks Southwest Inc	Crane Cable with hook Truck 66	118.53
60757	01/09/2019	Diamond Environmental Services	Portable Restroom Service - Henshaw Garage	106.58
	01/09/2019	Diamond Environmental Services	Portable Restroom Service - Henshaw Office	81.14
60758	01/09/2019	EDCO Waste & Recycling Services Inc	Trash/Recycle 12/2018	212.05
60759	01/09/2019	El Camino Rental	Concrete for FH Pad Anns Way	162.38
60760	01/09/2019	Fleet Pride	Fuel Tank Strap	227.87

Payment Number	Payment Date	Vendor	Description	Amount
	01/09/2019	Fleet Pride	Battery Core Credit (2)	(58.19)
	01/09/2019	Fleet Pride	Battery Core Credit Truck 22	(29.09)
60761	01/09/2019	G & R Auto & Truck Repair	Diesel Opacity Test Truck 26	50.00
	01/09/2019	G & R Auto & Truck Repair	Diesel Opacity Test Truck 64	330.00
60762	01/09/2019	Gallade Chemical Inc	Warner Ranch Well Maintenance	3,377.40
60763	01/09/2019	Glennie's Office Products Inc	Office Supplies	26.67
60764	01/09/2019	Grainger	Replacement UPS MD Reservoir SCADA	264.25
	01/09/2019	Grainger	HL Main Meter Vault - Sump Pump	195.73
60765	01/09/2019	Hawthorne Machinery Co	Rod Return L-4	(305.63)
	01/09/2019	Hawthorne Machinery Co	Zieman Trailers (2)	49,757.11
	01/09/2019	Hawthorne Machinery Co	Joystick Controller B-6	860.53
60766	01/09/2019	HF Scientific Inc	Lab Supplies	505.89
60767	01/09/2019	Home Depot Credit Services	Ball Peen Hammer For Unit 61	21.63
	01/09/2019	Home Depot Credit Services	Employee Appreciation Decorations	83.11
	01/09/2019	Home Depot Credit Services	Base Router	143.54
	01/09/2019	Home Depot Credit Services	Grinder	63.87
	01/09/2019	Home Depot Credit Services	Filter for Shop Vacuum	30.28
	01/09/2019	Home Depot Credit Services	Tools Truck 16	32.31
	01/09/2019	Home Depot Credit Services	Paint, Cleaner, Broom	55.32
	01/09/2019	Home Depot Credit Services	RidX for Regulator Station Old Taylor St	17.29
	01/09/2019	Home Depot Credit Services	Water Filter for Refrigerator	54.11
	01/09/2019	Home Depot Credit Services	Cement for Twin Oaks Bench	34.57
	01/09/2019	Home Depot Credit Services	Supplies- Osborne St	83.83
	01/09/2019	Home Depot Credit Services	Concrete Vault Footing Supplies- Osborne St	331.34
	01/09/2019	Home Depot Credit Services	Supplies	338.92
	01/09/2019	Home Depot Credit Services	Pipe & Filter	173.02
	01/09/2019	Home Depot Credit Services	Cordless Hand Tools	432.58
	01/09/2019	Home Depot Credit Services	Tools	74.61
	01/09/2019	Home Depot Credit Services	Hydraulic Valve Line Parts	51.37
	01/09/2019	Home Depot Credit Services	Metal Tank Supplies	40.66
	01/09/2019	Home Depot Credit Services	Plumbing Repair Parts	36.98
	01/09/2019	Home Depot Credit Services	Supplies Plant 2 Water Quality Station	280.09
	01/09/2019	Home Depot Credit Services	Concrete 60lb bag (224)	714.38
60768	01/09/2019	Home Heroes Enterprises LLC	Refund 1" Meter Deposit LTDM 1041	264.00
60769	01/09/2019	Itron Inc	Hardware & Software Maintenance - CY 2019	10,359.47
60770	01/09/2019	Kimball Midwest	Brass Fittings	230.33
60771	01/09/2019	Lawnmowers Plus Inc	Air Filters for Saws Trucks 11 & 66	52.69
	01/09/2019	Lawnmowers Plus Inc	Pull Starter for Saws Trucks 11 & 66	104.29
60772	01/09/2019	Mar-Con-Products Inc	Concrete For Securing Regulator Vault	533.73
60773	01/09/2019	McGard LLC	Meter Service Lateral Locks	706.16

Payment Number	Payment Date	Vendor	Description	Amount
60774	01/09/2019	Mission Resource Conservation District	Home Water Use Evaluations - 12/2018 (2)	64.00
60775	01/09/2019	Moody's	Dump Fees - Yard	200.00
	01/09/2019	Moody's	Dump Fees - New Mainline Installation	1,200.00
60776	01/09/2019	North County Auto Parts	Gasket Removal Discs (6)	10.39
	01/09/2019	North County Auto Parts	Cleaning Pads (20)	33.56
	01/09/2019	North County Auto Parts	Filters, Wiper Blades, Fluids	85.20
	01/09/2019	North County Auto Parts	Pads Truck 37	47.94
	01/09/2019	North County Auto Parts	Brake Rotors Truck 37	130.87
	01/09/2019	North County Auto Parts	Pads Truck 37	52.66
60777	01/09/2019	One Source Distributors	Welding Fall Protection Harness (3)	1,916.03
60778	01/09/2019	O'Reilly Auto Parts	Grease fitting repair tool	54.11
	01/09/2019	O'Reilly Auto Parts	Magnetic Bars (7)	37.81
60779	01/09/2019	Pacific Pipeline Supply	5/8 Brass Nuts	523.93
	01/09/2019	Pacific Pipeline Supply	Sleeve 8" Galvanized Top Sections (100)	1,190.75
	01/09/2019	Pacific Pipeline Supply	Fire Hydrant 6x4x2.5 (11)	26,279.86
	01/09/2019	Pacific Pipeline Supply	Clamp 1x6 Repair Full Circle Stainless Steel (2)	90.93
	01/09/2019	Pacific Pipeline Supply	Tubing 1" Copper Soft (1000 ft)	4,330.01
	01/09/2019	Pacific Pipeline Supply	Clamp 1.5x6 Repair Full Circle (1)	48.71
	01/09/2019	Pacific Pipeline Supply	Coupling Meter .75" x 3" (4)	51.96
	01/09/2019	Pacific Pipeline Supply	Clamp 1x3 Repair Full Circle 1.32OD Orangeburg (4)	103.92
	01/09/2019	Pacific Pipeline Supply	Air Vent 2" Cast Iron Auto (4)	1,814.27
	01/09/2019	Pacific Pipeline Supply	Air Vent 1" Cast Iron Auto (12)	2,325.21
	01/09/2019	Pacific Pipeline Supply	Angle Ball Meter Valve 1" Flare w/Swivel (30)	3,020.18
	01/09/2019	Pacific Pipeline Supply	Nut Bolt Gasket Kit 4" (10)	64.95
	01/09/2019	Pacific Pipeline Supply	Pipe 1" STD Black (21')	15.91
	01/09/2019	Pacific Pipeline Supply	Wire 10 Copper (4000')	995.89
	01/09/2019	Pacific Pipeline Supply	Pipe 1.5" STD Black (42')	204.59
	01/09/2019	Pacific Pipeline Supply	Nut Bolt Gasket Kit 3" (15)	64.95
	01/09/2019	Pacific Pipeline Supply	Zinc Anode bag 30lb (30)	4,319.18
	01/09/2019	Pacific Pipeline Supply	Pipe .75" STD Black (21')	11.37
	01/09/2019	Pacific Pipeline Supply	Support Saddle for Regulator Vault (1)	63.66
	01/09/2019	Pacific Pipeline Supply	Beveller Cordless for PVC Pipe (1)	1,272.43
	01/09/2019	Pacific Pipeline Supply	Sleeve 10" Galvanized Top Section (3)	42.23
60780	01/09/2019	Benetrac	Employee Benefit Tracking 11/2018	400.00
	01/09/2019	Benetrac	Employee Benefit Tracking 12/2018	400.00
	01/09/2019	Benetrac	Employee Benefit Tracking 01/2019	400.00
60781	01/09/2019	Paychex of New York LLC	Onboarding/Recruiting Service 1/2019	412.50
60782	01/09/2019	Rancho Environmental Service	Pechstein Reservoir Property Tree Trimming	6,000.00
60783	01/09/2019	S & J Supply Company Inc	Spool For New Regulator	204.45
60784	01/09/2019	San Diego Gas & Electric	Electric 12/2018	4,858.71

Payment Number	Payment Date	Vendor	Description	Amount
60785	01/09/2019	San Diego Gas & Electric	Gas Use 12/2018	852.47
60786	01/09/2019	San Diego IPMA-HR	Workplace Violence Prevention (2)	50.00
60787	01/09/2019	San Diego Lafco	Notice of Exemption Filing Fee	50.00
60788	01/09/2019	SiteOne Landscape Supply, LLC	Parts For Water Quality Plant #2	91.46
60789	01/09/2019	Standard Plumbers Supply Company Inc	Pipe & Couplings Rosario Ln	47.60
60790	01/09/2019	State Board of Equalization	Update Tax Roll Fee	3,100.00
60791	01/09/2019	State Water Resources Control Board	SWRCB System Fees 07/01 - 06/30/19	56,758.90
60792	01/09/2019	Sunrise Materials Inc	Erosion Control Around New Vault	69.28
	01/09/2019	Sunrise Materials Inc	Edger	18.40
	01/09/2019	Sunrise Materials Inc	Gravel Bags (280)	1,109.21
	01/09/2019	Sunrise Materials Inc	Concrete 5 GL SpeedCrete	777.05
60793	01/09/2019	Tegriscap Inc	Landscape Maintenance 12/2018	1,625.00
60794	01/09/2019	Terryberry	Board Service Pin	150.62
60795	01/09/2019	Titan Fire Protection Inc	Refund Fire Flow Test	210.00
60796	01/09/2019	Tom's Adventures LLC	Refund 1" Meter Deposit LTDM 1040	241.00
	01/09/2019	Tom's Adventures LLC	Water usage LDMI1040 11 units @ 4.78	(52.58)
60797	01/09/2019	TS Industrial Supply	Blue Striping Paint	248.37
	01/09/2019	TS Industrial Supply	Yellow Striping Paint	248.37
	01/09/2019	TS Industrial Supply	Wood Wedges	57.79
60798	01/09/2019	Verizon Wireless	SCADA Remote Access	369.22
60799	01/09/2019	Vulcan Materials Company and Affiliates	Cold Mix	1,079.71
60800	01/09/2019	Water District Jobs	Employment Advertising- Welder/Equipment Operator	145.00
			Grand Total:	457,034.49



STAFF REPORT

Board Meeting Date: January 23, 2019
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: RESOLUTION HONORING PAST PRESIDENT PAUL E. DOREY

RECOMMENDATION: Adopt Resolution No. 19-XX honoring the District's 2018 past president, Paul E. Dorey.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: Director Dorey, who has served as Director of Division 3 since 2006, recently completed his term as Board President for 2018. During this time, the District accomplished many activities such as the preparation of a Potable Water Master Plan, which provided a comprehensive review of the District's potable water supply and distribution system and identified system improvements necessary to meet existing and future demand conditions. The District also completed the rehabilitation of HP Reservoir and the structural evaluation of HB and Pechstein reservoirs; entered into an agreement for the planning, design, and environmental services related to the replacement of the E Reservoir and pump station and appointed the 13th General Manager in the District's 95-year history.

Under Director Dorey's leadership, the District received honors that included for the eleventh year in a row the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association for the District's Comprehensive Annual Financial Reports for the fiscal year 2017. The District also received recognition from Association of California Water Agencies (ACWA) Joint Powers Insurance Authority (JPIA) for the District's successes in reducing its claims and associated losses in the liability insurance pooled program. Gold Level recognition was received in Special District Governance from the Special District Leadership Foundation; and an H.R. LaBounty Safety Award was received from ACWA JPIA for two District employees' innovative idea in promoting safety in the workplace.

Director Dorey's dedication was demonstrated through his conscientious service on the ACWA JPIA Board of Directors, the ACWA Groundwater Committee, the San Luis Rey Watershed Council, the Groundwater Resources Association of California, the Southern California Water Committee, and Chair of the District's Fiscal Policy and Groundwater Committees.

In recognition of Director Dorey's accomplishments and outstanding efforts for the benefit of all the people of the Vista Irrigation District during his tenure as President, the attached resolution is presented for the Board's consideration.

ATTACHMENT: Draft resolution

RESOLUTION NO. 19-XX

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE VISTA IRRIGATION DISTRICT
HONORING PAST PRESIDENT PAUL E. DOREY

WHEREAS, Paul E. Dorey has served as Director of Division 3 since 2006; and

WHEREAS, he has conscientiously and ably served as President of the Board for 2018; and

WHEREAS, during his term as President, the District accomplished many undertakings highlighted by the preparation of the District's Potable Water Mater Plan; rehabilitation of HP Reservoir; structural evaluation of HB and Pechstein reservoirs; execution of an agreement for the planning, design, and environmental services related to the replacement of the District's E Reservoir and construction of a new pump station; and the appointment of the 13th General Manager in the District's 95 year history; and

WHEREAS, under Director Dorey's leadership, the District received honors that included for the eleventh year in a row the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association for the District's Comprehensive Annual Financial Reports for the fiscal year 2017; recognition from Association of California Water Agencies (ACWA) Joint Powers Insurance Authority (JPIA) for the District's successes in reducing its claims and associated losses in the liability insurance pooled program; Gold Level recognition in Special District Governance from the Special District Leadership Foundation; and an H.R. LaBounty Safety Award from ACWA JPIA; and

WHEREAS, Director Dorey's dedication was demonstrated through his conscientious service on the ACWA JPIA Board of Directors, the ACWA Groundwater Committee, the San Luis Rey Watershed Council, the Groundwater Resources Association of California, the Southern California Water Committee, and as the Chair of the District's Fiscal Policy and Groundwater committees.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors and staff of the Vista Irrigation District do hereby express to Paul E. Dorey appreciation for his accomplishments and outstanding efforts for the benefit of all the people of the Vista Irrigation District during his tenure as President.

PASSED AND ADOPTED by the following roll call vote of the Board of Directors for the Vista Irrigation District this 23rd day of January 2019.

AYES:

NOES:

ABSTAIN:

ABSENT:

Jo MacKenzie, President

ATTEST:

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



STAFF REPORT

Agenda Item: 8

Board Meeting Date: January 23, 2019
Prepared By: Randy Whitmann
Approved By: Brett Hodgkiss

SUBJECT: WATER SUPPLY PLANNING STUDY

RECOMMENDATION: Authorize the General Manager to enter into an Agreement for Professional Services with Gillingham Water for the Water Supply Planning Study in an amount not-to-exceed \$324,800.

PRIOR BOARD ACTION: On October 10, 2018, the Board approved the Request for Proposal for a Water Supply Planning Study.

FISCAL IMPACT: Not-to-exceed \$324,800 (\$250,000 has been included in the budget for this project).

SUMMARY: The District maintains capacity rights from two sources, raw water treated at the Escondido-Vista Water Treatment Plant (EVWTP) located at Lake Dixon and multiple treated water connections along the San Diego County Water Authority's (SDCWA's) aqueducts. To reduce costs, the District typically maximizes the locally treated water supply at EVWTP and relies on the 11-mile Vista Flume (Flume) for conveyance into the District. During a planned 10-day shutdown along the Second Aqueduct, the District is dependent on the Flume. With the Flume approaching its useful life, and long-term rehabilitation/replacement costs estimated to range between \$35 and \$75 million, proceeding with the Water Supply Planning Study has been determined necessary to properly evaluate the potential alternatives identified in the Potable Water Master Plan, which included:

- Build 10-days storage at the existing 20 million gallon (mg) Pechstein Reservoir site (60 mg additional storage minimum).
- Build a new water treatment plant at the Pechstein Reservoir site.
- Partner with Vallecitos Water District and/or SDCWA for storage, capacity at the Twin Oaks WTP, and/or valving on the treated water Second Aqueduct.
- Obtain permanent capacity at the Oceanside Weese WTP.
- Any combination of the above.

DETAILED REPORT: The Water Supply Planning Study will compare the above listed alternatives to the existing system configuration and replacement of the Flume. A ranking methodology and prioritizing matrix will be developed to evaluate, identify pros/cons, and select the preferred option(s) for water supply alternatives. Consideration will be given to capital cost, cost of water, feasibility, reliability, redundancy, water quality, operational flexibility, environmental compliance, existing water supply obligations, stranded assets, and liability exposure. Additionally, alternatives for selling/transferring EVWTP water or Lake Henshaw water to other agencies will be evaluated.

The Request for Proposal was distributed to nine consulting firms that included Brown and Caldwell, DLM Engineering, Gillingham Water, HDR, Jacobs (CH2M), Kennedy/Jenks, Ken Weinberg Water Resources Consulting, Tetra Tech, and Woodard & Curran (RMC). Only one responsive proposal was received from Gillingham Water, teamed with Brown and Caldwell, DLM Engineering, HDR, and Ken Weinberg Water Resources Consulting (five of the nine firms). Feedback from the non-responsive firms indicates that the reasoning for not submitting a proposal was due current workloads in addition to uncertainties on how to approach and staff the project given its scope.

Staff has reviewed the proposal and concluded this team is well qualified based on their understanding of the project, relevant experience, proposed project approach, scope of work, and schedule (for reference, the experience, team, and project approach sections are attached). The assembled team has extensive relevant experience on regional water projects within San Diego County that cover similar complexities including conveyance planning, cost evaluation, risk management, interagency coordination, decision matrices, and capital improvement input. Additionally, staff feels that the fee is well within the range of what was anticipated based on the scope requested and comparisons with previous studies. The estimated schedule for completion is one year.

Given the importance of this project, a significant amount of Board participation is anticipated including the following workshops:

- Workshop 1 – review and reach preliminary consensus on the project objectives, evaluation criteria, and an initial ‘long-list’ of alternatives to be evaluated through a coarse screening analysis.
- Workshop 2 – review preliminary results of the coarse screening analysis, refine and confirm findings, and identify a ‘short-list’ of alternatives to be advanced into a fine screening analysis.
- Workshop 3 – review the results of the fine screening analysis and confirm a preferred project alternative for implementation.

ATTACHMENT: Gillingham Water’s Proposal (Experience, Team, and Project Approach)

2. Relevant Experience and Contacts

Our member agency and Water Authority coordination experience helps open doors and reach understandings. VID will get the water exchange and supply reliability answers you need to weigh the alternatives. In this section we describe our featured southern California projects and provide references the District can call for questions.

Listing of Similar Projects in Southern California

Project Information and Team Members			Similar Features to VID WSS					
Project Name	Client	Team Members	Conveyance Planning	Cost Eval.	Risk Mgmt.	Interagency Coord.	Decision Matrix	CIP Input
Crossover Pipeline Planning Study	SDCWA	Doug Gillingham Don MacFarlane J.P. Semper	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
North County ESP	SDCWA	Doug Gillingham	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Desal Conveyance Pipeline	SDCWA	Doug Gillingham Don MacFarlane Ken Weinberg Greg Keppler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
East County Advanced Water Purification	Padre Dam MWD	Ken Weinberg J.P. Semper	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
San Dieguito Reservoir and Flume Study	Santa Fe Irrigation District	Doug Gillingham Don MacFarlane Randy Whitmann	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vista Flume and Lining Pilot Project	VID	Kathy Haynes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>A team with specialized experience to tackle the particular needs of your project. The core team members of the Gillingham Water team bring water resources and water facilities planning experience on projects similar to your Water Supply Study. We've done this before, successfully, and we'll help make your project successful too.</p>								

These above projects demonstrate comprehensive experience in in the skillsets required to successfully complete your planning study. Our team has a unique knowledge base which includes:

- Setting and background for North San Diego County water resources projects
- The SDCWA's aqueduct system operations, reliability, and outages
- Water agencies relevant to VID supplies; such as SDCWA, Escondido, Vallecitos, and Oceanside
- Water supply planning, alternatives analyses, and decision matrices
- Reliability of SDCWA Supplies, Planned Outages, and Emergencies
- Valuation of local water resources for Normal and Dry Years,
- Optimum Conveyance Planning for a Hydrologic Record or Water Right
- Evaluating flume and pipeline rehabilitation relative to accessing supplies with new assets
- Raw and Treated Water Quality and Maintenance of Stored Water Quality

Detailed descriptions of the projects listed above are included below for reference.

Crossover Pipeline Planning Study San Diego County Water Authority

Conveyance Planning, Interagency Supply during CWA Shutdown, and Decision Support

The SDCWA Crossover Aqueduct Pipeline (Crossover) is a 66-inch pre-stressed concrete cylinder pipe (PCCP), approximately 7.5 miles long, constructed in the 1960s and is subject to prestressing wire breaks and potential failure in the segment passing beneath the I-15 freeway, as detected by state-of-the-art acoustic fiber optic equipment. The Crossover is an essential link that connects the SDCWA First and Second Aqueducts. A failure of this pipeline would be catastrophic, not only from a water delivery standpoint, but to the safety and wellbeing of all in its vicinity.

The Crossover project identified the Water Authority's near-term goals and solutions for rehabilitating and/or replacing the highest consequence of failure section of the pipeline. A total of five (5) rehabilitation methods were evaluated and a decision matrix prepared to select the preferred alternative. For segments of the pipeline being replaced, multiple alignment alternatives were developed with consideration for minimizing the need for easements, protecting adjacent utilities, mitigating impacts to environmentally sensitive areas, and reducing the risk construction as well as future maintenance during operation.

Objective weighted criteria were developed with the Water Authority staff and an evaluation analysis was performed using another decision matrix. Lastly, the project also evaluated the Long-term options for replacing the entire Crossover pipeline from the beginning (Twin Oaks) to the end (Hubbard Hill). This process went through a similar alignment alternatives development, evaluation, and decision matrix process.

The Crossover project provided the Water Authority staff with a clear planning document that they were able to take to senior management and the Board for project approval. The study articulated the complexities of the project alternatives evaluations, the risks and benefits for addressing the decaying asset in a timely and proactive manner, as well as provide plans for maintaining supply reliability to the Member Agencies during an extended shutdown of the Crossover to perform the work. This complete document received unanimous support within the Water Authority for advancing the project into its future phases.



CWA Shutdown and Interagency Supply Management: Certain options for rehabilitating and/or replacing the Crossover Pipeline required extended shutdown periods in excess of 3-months. The Crossover currently does not allow for shutdowns beyond a 10-day period. This study included an extensive review of alternatives to maintain water supply reliability to the Member Agencies during such extended shutdown periods allowing for the much-needed work to be done safely.

PROJECT DATA

Contract Completion: June 2018

Contract Value: \$250M

Client Reference:

Eric Rubalcava

P: (858) 522-6755

E: ERubalcava@sdewa.org

Key Staff & Role:

J.P. Semper Project Manager

Doug Gillingham Project Consultant

Don MacFarlane Project Consultant

SCOPE OF WORK

- Near-term rehabilitation/replacement planning
- Long-term pipeline alignment analysis
- Planning level construction costs and schedules
- Alternatives evaluation and decision matrices

SIMILAR FEATURES

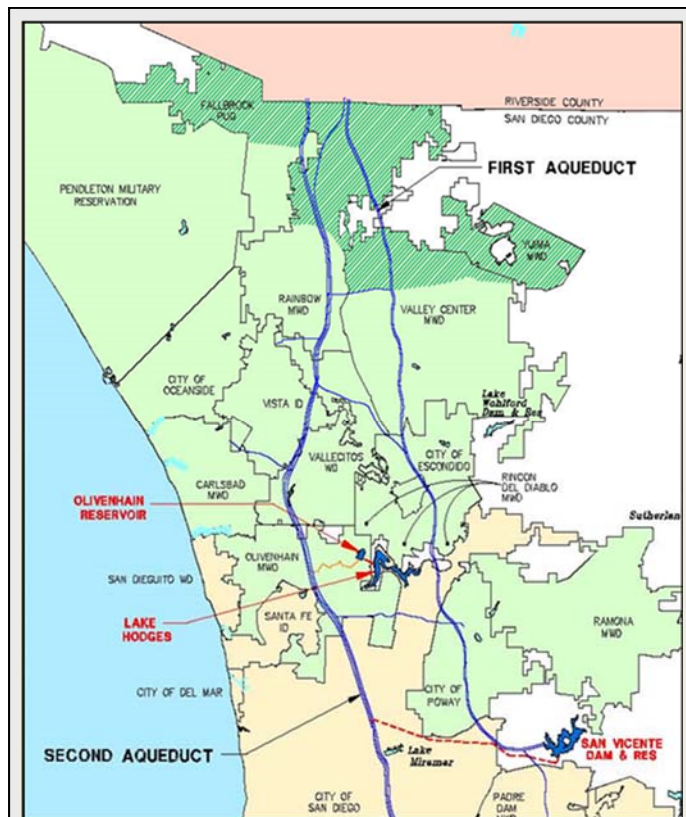
- Rehabilitation vs. replacement alternatives evaluation
- CIP Input w/ accurate costs
- Interagency coordination

North County Emergency Storage Project (ESP) Planning San Diego County Water Authority

Conveyance System Planning and Permitting

The northernmost portions of San Diego County are beyond the reach of existing ESP facilities. As part of the final phase of ESP construction, the North County ESP conveyance facilities will extend the San Diego County Water Authority's ESP delivery service to these areas.

Doug Gillingham has provided support to the Water Authority's planning for the project across various rounds of studies and refinements to address changed conditions, first as PM (while with PBS&J) of the original 2008 planning study, then as PM with Gillingham Water of the 2015 Planning Update, and finally as Technical Advisor to the 2016 preliminary design work led by CH2M. The work evaluated several alternative configurations of pumping facilities capable of providing the necessary ESP delivery service. Through a series of draft Technical Memorandums and project workshops, the team confirmed project objectives and evaluation criteria, fine-tuned ESP delivery requirements, established a short-list of project alternatives, and finally, selected a preferred project from among the alternatives.



North County ESP Service Area: The dark shaded area at the far northern end of the County is beyond the reach of existing ESP facilities. As part of the final phase of ESP construction, the North County ESP facilities will extend ESP delivery service to these areas.

Mr. Gillingham's work helped the Water Authority identify and evaluate innovative project alternatives that work in coordination with member agency delivery systems to provide full ESP functionality, while reducing Water Authority costs and benefiting member agency systems.

PROJECT DATA

Contract Completion: June 2016

Contract Value:

Client Reference:

Jeremy Crutchfield

P: (858) 522-6834

E: JCrutchfield@sdcwa.org

Key Staff & Role:

Doug Gillingham (PM 2008, 2015; Technical Advisor 2016)

SCOPE OF WORK

- Conveyance System Planning
- Decision Analysis and Support
- Inter-agency Coordination

SIMILAR FEATURES

- Conveyance System Alternatives Analysis
- Accurate cost analysis
- Clear reporting and presentations
- Coordination across multiple jurisdictions and stakeholders

Carlsbad Desalination Conveyance Pipeline San Diego County Water Authority

Conveyance Planning, Alternatives Analysis, and Decision Support

As part of its then-proposed Carlsbad Seawater Desalination Project, the San Diego County Water Authority needed to determine how best to integrate the project’s product water into the regional water system, and how best to align pipelines to reach their destinations. Project Manager Don MacFarlane, then with Boyle Engineering, and Assistant Project Manager Doug Gillingham, then with PBS&J, worked with Water Authority staff and other stakeholders to implement a structured screening process that sorted through and confirmed preferred system configurations and alignments. The resulting work effort provided full support to the Water Authority’s decision support and to the project’s environmental documentation process. The work also defined the design sufficiently to allow accurate cost estimates and a smooth transition from planning to design.

Don and Doug understand the importance of sound planning as the foundation of project efficiency and implementation success. Through our experience on this and other projects, we have developed a suite of planning, cost estimating, and decision-analysis tools to assist clients in navigating the project evaluation and decision processes.

Please call the Water Authority’s project manager for this project so that he can tell you how Don and Doug and their team provided knowledge-based solutions to key system integration, pipeline alignment, and other project challenges, and how you can expect the same outstanding service from us on your Water Supply Study project.



Pipeline Alignment Planning Made Clear: For the Water Authority’s proposed 50-mgd seawater desalination plant in Carlsbad, PM Don MacFarlane and APM Doug Gillingham developed and documented conveyance system alternatives in full support of the project’s public review and environmental permitting activities.

The Study received the Consulting Engineers and Land Surveyors of California (CELSOC) Engineering Excellence Honor Award and was chosen for national submission to ACEC.

PROJECT DATA

Contract Completion: 2005

Contract Value: \$1.8M

Client Reference:

Bob Yamada (retired)

P: (619) 200-3730

E: n/a

Key Staff & Role:

Don MacFarlane	Project Manager
Doug Gillingham	Assist. PM – Planning
Greg Keppler	Technical Support

SCOPE OF WORK

- Conveyance System Planning
- Decision Analysis and Support
- Inter-agency Coordination

SIMILAR FEATURES

- Conveyance System Alternatives Analysis
- Accurate cost analysis
- Clear reporting and presentations
- Interagency coordination
- Trusted decision support

East County Advanced Water Purification Project (ECAWP)

Padre Dam Municipal Water District

Raw Water Augmentation Planning, System-wide Water Resiliency, Multi-agency coordination

Planning and permitting for the construction and operation of a 15 MGD \$500 M multi agency wastewater treatment and potable reuse project including two water districts (Padre Dam and Helix Water District), the City of El Cajon and the County of San Diego. The Project involves the expansion of an existing 2 MGD water recycling plant to an initial phase 15 mgd wastewater treatment plant with solids handling facilities and a 15 MGD Advanced Water Treatment (AWT) Plant using reverse osmosis technology for potable reuse via Surface Water Augmentation. The Project also includes a Product Water Pump Station and conveyance pipeline from the AWT adjacent to Santee Lakes to Helix Water District’s Lake Jennings, upgrades and rehabilitation of two wastewater influent Pump Stations and construction of a new force main.



System-wide Planning Amongst Multiple Stakeholders: ECAWP has been co-funded by four public agencies through executed MOUs, has received approvals by multiple regulatory agencies, and steps are being taken to form a Joint Powers Authority (JPA) to finance, construct, and operate the Project. The stakeholders will improve their supply reliability through a new local, drought proof supply that is resilient on demand and cost competitive with wholesale water provided by SDCWA.

Planning and implementation of the ECAWP has required significant coordination between the agencies involved in the Project and also SDCWA. This has included renegotiation between Padre Dam and the SDCWA of the East County Regional Treated Water Improvement Program (ECRTWIP) Agreement for utilization of Levy WTP for retreatment of Product Water for delivery to Padre Dam. Operations between the production of Product Water at the AWT must be coordinated and integrated into Helix Lake Jennings and Levy WTP operations and the commitment of wastewater flows to the Project must be quantified and secured.

Project approval by each agency’s governing body requires that Project unit costs must be compared to future imported water rate projections from a water supply perspective and continued long term participation in the City of San Diego Metro Wastewater System from a wastewater agency perspective. A governance structure must be identified and agreed upon by the agencies and then formed to finance, construct and operate the ECAWP. Part of Project implementation is the development of inter-agency MOUs, Term Sheets and final agreements that require a technical understanding of the project, water and wastewater operations and detailed understanding of rate impacts and cost allocation.

PROJECT DATA	
Contract Completion: Ongoing	
Contract Value: \$1.4M	
Client Reference:	
Allen Carlisle	
P: (619) 258-6402	
E: acarlisle@padre.org	
Key Staff & Role:	
Ken Weinberg	Project Advisor
J.P. Semper	Project Engineer

SCOPE OF WORK
<ul style="list-style-type: none"> • System-wide planning • Modeling, cost estimating, & pre-designs • Board and stakeholder engagement
SIMILAR FEATURES
<ul style="list-style-type: none"> • CIP input w/ accurate costs • Interagency coordination • Board presentation and approval

San Dieguito Reservoir Rehabilitation Study

Santa Fe Irrigation District

Flume Rehabilitation Alternatives Analysis, Water Supply Planning, and Decision Support

Based on SFID’s water rights, and the hydrologic capability of the Hodges watershed, the team determined the optimal capacity of conveyance facilities from Lake Hodges to San Dieguito Reservoir. The team then estimated to cost to rehabilitate the flume and compared it to the cost of a replacement pipeline in Del Dios Highway. The pipeline emerged as the preferred alternative and after SFID acceptance, the team designed Lake Hodges Dam outlet improvements and a portion of the pipeline.

SFID splits the local yield from Lake Hodges 50/50 with the City of San Diego. SFID pays only a small maintenance cost for the water but the quality is challenging to treat. Nevertheless, SFID can potentially save millions of dollars a year by utilizing the water. The Lake Hodges Dam, and the flume between the lake and San Dieguito Reservoir were constructed in 1918. The flume traverses very rugged terrain and steep mountainsides along its route and maintenance and rehabilitation are difficult and expensive.

The project objectives were to improve system reliability, system yield, water quality, and emergency storage. A hydrologic simulation model of the 300 square-mile watershed, and 100 years of monthly data, were utilized to analyze the long-term benefit of the Hodges supply, and determine the optimal conveyance capacity. A detailed assessment of the flume condition was completed along with a cost estimate for rehabilitation. This rehabilitation was compared to the cost of constructing a pipeline in Del Dios Highway. The pipeline was the preferred alternative and the team designed the portion between the Hodges Dam and Del Dios Highway. The team also designed a manifold to tie all of the Hodges multi-level outlets together and connect them to the pipeline. This allowed SFID to take advantage of the water level in Hodges to increase deliveries through the pipeline.



Flume Rehabilitation or Replacement: The project team evaluated a 1918 flume and prepared a scope and cost estimate for rehabilitation. Because of the difficult construction conditions and access, costs were significant. The team compared this to the cost of constructing a new pipeline in Del Dios Highway. The analysis was presented to the SFID staff and Board and the pipeline was chosen. Having completed the exact analysis needed for the Vista Irrigation District’s flume, our team will efficiently screen alternatives and identify the best.

PROJECT DATA	
Contract Completion: 2005	
Contract Value: \$250,000 (Study)	
Client Reference:	
Bud Irvin (retired)	
P: (858) 354-6396	
E: budirvin@me.com	
Key Staff & Role:	
Don MacFarlane	Project Manager
Doug Gillingham	Hydrologic Analysis
Randy Whitmann,	Hydraulic Testing for Flume

SCOPE OF WORK
<ul style="list-style-type: none"> • Water supply alternatives planning • Hydrologic analysis and facility sizing • Cost estimating
SIMILAR FEATURES
<ul style="list-style-type: none"> • Flume rehabilitation vs. replacement • Interagency coordination • Water supply system reliability improvements • Board presentation and approval

Vista Flume and Lining Pilot Project

Vista Irrigation District

Flume Rehabilitation Planning through Construction

In 2010, Kathy Haynes oversaw a Pilot Project to determine the viability of slip lining an HDPE pipe into the existing flume structure. There were a number of unknown conditions that required field verification prior to construction. Through their investigation, Kathy's team was able to resolve issues including the minimum bending radius of the HDPE pipe, the structural integrity of the sidewalls of the flume to support the liner, the effects of thermal expansion and requirements for thrust restraint.

The MW Bench section of the flume was rehabilitated over a period of two months. A total of 2,200 feet was lined, using 42-inch DR26 HDPE. Pipe thrusters with dual 20-ton hydraulic rams were used in conjunction with a 20-ton cable winch to install the liner. A 100-foot section at roughly the mid pint of the bench section was removed and the HDPE pipe was push/pulled in one direction, and then in the other direction. Electrofusion couplings were used to join the two sections together. A maximum production rate of 6 joints per day was achieved, using 50-foot-long sections of pipe. Steel transition spool pieces were used to transition and connect to the siphons at each end.

The MW Bench section of the flume was successfully rehabilitated, and significant challenges were overcome. Kathy's hands on experience in planning and executing this important project will greatly benefit the District's approach to further rehabilitation projects.



Experience planning, designing and constructing the rehabilitation of the flume: Our team has the hands-on experience to know what it takes to rehab the VID flume. We understand the difficulties of the terrain, the lack of access and the vulnerabilities of the system. We have evaluated what it takes to rehab the system and appreciate the challenges of construction. This knowledge is a key component in evaluating all aspects of the flume.

PROJECT DATA

Contract Completion: June 2010
Contract Value: \$100,000
Client Reference:
Brian Smith, former VID Director of Engineering
P: (760) 212-1284
E: BrianSSmith@pacbell.net

Key Staff & Role:

Kathy Haynes Project Manager

SCOPE OF WORK

- Planning
- Design and cost estimating
- Owner's Representative

SIMILAR FEATURES

- Water supply alternatives analysis
- Flume rehabilitation vs. replacement planning
- Hydrologic analysis and facility sizing

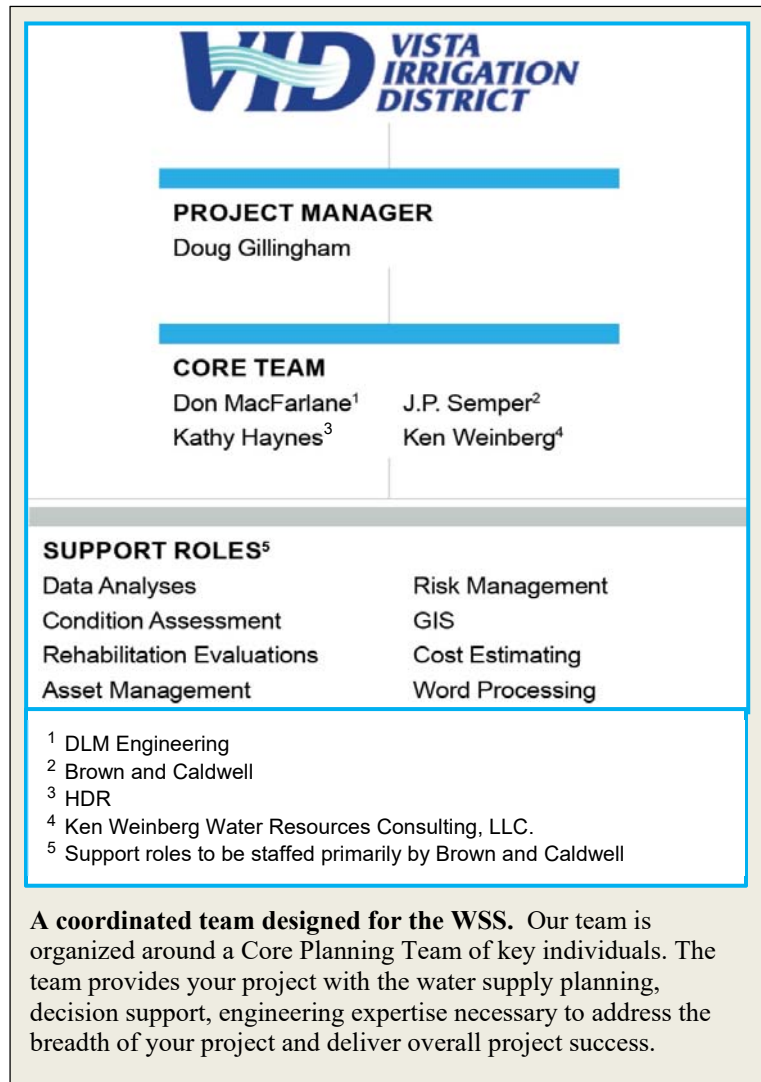
3. Project Team

Team Organization

Gillingham Water has assembled a coordinated team of our trusted colleagues to address the particular needs of the Water Supply Study. Our team provides your project with the water supply planning, decision support, and engineering expertise required to evaluate and plan the future of you supply system.

Our team is organized around a core planning team, the key individuals who will be the technical, strategic, and communication leads for all elements of the work. Project Manager Doug Gillingham has worked closely with each of the core team members, most of them for more than 25 years, and is confident this is a team that can meet the challenge of your project and deliver excellent service to the District. All while having fun along the way.

Biographical summaries for the project manager and core team members are presented in the following pages. Resumes for each are included in the Appendix.



Relevant Experience of Key Team Members

Doug Gillingham, PE, BCEE / Project Manager		
 <p>About: Principal, Gillingham Water Planning and Engineering, Inc. Mr. Gillingham has spent the bulk of his 35+ year career focused specifically on water resources and water facility planning projects just like the VID WSS study. His work addresses the critical front-end planning and design-definition phase of projects, where concepts are given form, evaluated against alternatives, refined, permitted, and approved.</p>	<p>Relevant Experience:</p> <ul style="list-style-type: none"> • More than one dozen Water Authority aqueduct facility planning studies, including: <ul style="list-style-type: none"> ○ Crossover P/L (2017) ○ System Vulnerability (2017) ○ North County ESP (2016) ○ Twin Oaks Service Area Expansion (2014) ○ Desal Conveyance (2005) • Other recent projects: <ul style="list-style-type: none"> ○ WMP support for VWD, Rainbow, Rincon, Olivenhain, and Otay (various) ○ San Diego Formation SGMA ○ Mission Valley Groundwater Feasibility (2018) 	<p>Why Doug?</p> <p>I see the Water Supply Study as a most excellent puzzle, and I enjoy puzzles. In contrast to the more structured world of final design engineering, I like the flexibility afforded, and demanded, to sort through the puzzle pieces of project objectives, criteria, and alternatives, and work with diverse stakeholder groups to bring order to the analysis and arrive at preferred solutions.</p> <p>I am enthusiastic about the opportunity to assist the District with the WSS. Thank your for your consideration of our team.</p>
Don MacFarlane, PE / Core Planning Team – Supply and Exchange evaluations		
 <p>About: Principal, DLM Engineering, Inc. Don has more than 40 years of experience in the planning and design of municipal water facilities. He attends all Metropolitan Water District Board Committee meetings and is well versed in local, regional, State, and Colorado River issues.</p>	<p>Relevant Experience:</p> <ul style="list-style-type: none"> • Lake Hodges to San Dieguito Reservoir Flume Assessment • Olivenhain Water Supply Project • Upper Chiquita Dam and Reservoir • Poway Water Supply Study • Water Supply Augmentation in the Colorado River Basin • Carlsbad Desalinated Water Conveyance Project 	<p>Why Don? (PM’s take)</p> <p>Don is my go-to person for strategic input and analysis, sage advice, and quality review of complex project issues. Don’s knowledge of regional water supply issues, his access to information, his excellent presentation skills, and his unflappable ability to stay calm and focused will help me and the team deliver excellent service on the WSS.</p>
J.P. Semper, PE / Core Planning Team – Engineering Coordination Lead		
 <p>About: Senior Manager / Local Leader, Brown and Caldwell More than 18 years of experience in all aspects of water, wastewater, and stormwater collection and distribution</p>	<p>Relevant Experience:</p> <ul style="list-style-type: none"> • SDCWA Crossover P/L Planning Study (2017) • East County AWP Program • Operational Efficiency Study, City of San Diego • Operational Efficiency Study, City of San Diego • Pure Water San Diego Program, City of San Diego 	<p>Why J.P.: (PM’s take)</p> <p>I first encountered J.P. two years ago, when he sweet-talked me into joining his Water Authority’s Crossover Pipeline study team. Over the course of that project, J.P. proved to be a capable manager, a perceptive study investigator, and someone who could get a lot of good work done within a budget. Most of all I liked that he argues with me.</p>
Kathy Haynes, PE / Core Planning Team – Flume Investigation Technical Lead		

**About:**

Principal Engineer, HDR
 More than 25 years of experience and expertise in managing large complex pipeline projects. Ms. Haynes' experience includes planning, designing and constructing pipeline and pump station projects throughout Southern California.

Relevant Experience:

- Vista Flume Rehabilitation Evaluation
- Vista Flume and Lining Pilot Project Final Design/Construction
- Pure Water Program's North City Conveyance System (NCCS)
- University Avenue Pipeline Replacement
- San Marcos Interceptor Sewer Design Project

Why Kathy: (PM's take)

I first worked with Kathy at Boyle Engineering during the 1990s, where she was project engineer on some of my planning studies for the City of San Diego and SDCWA. Her career has subsequently led her to be expert in conveyance system design and construction issues, including leading roles with the Vista Flume evaluation and test lining projects. Kathy brings not only excellent relevant experience to the WSS, but a willingness (eagerness?) to challenge items that don't look right and, in the process, make them better. It will be fun.

Ken Weinberg / Core Planning Team – Supply and Exchange Evaluations, Facilitation

**About:**

Principal, Ken Weinberg Water Resources Consulting LLC
 More than 35 years of experience and expertise in San Diego area water resources planning and public policy. Served as Director of Water Resources for the San Diego County Water Authority from 1997 to 2015.

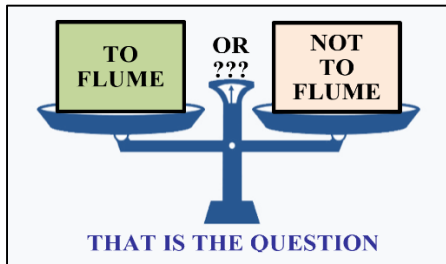
Relevant Experience:

- Responsible for implementation of water management programs supporting local water supply development and the periodic update of the Water Authority's Regional Urban Water Management Plan and the Regional Water Facilities Master Plan, Integrated Regional Water Management Plan, as well as implementing the Water Authority's Water Shortage and Drought Management Plan.
- Overall management of multi-year regional drought response efforts in 2008-11 and in 2014-15.
- Led the Water Authority's 12 year effort to plan and implement through a Public-Private Partnership the 50 million gallon per day Carlsbad Seawater Desalination Project.

Why Ken: (PM's take)

I've worked with and interacted with Ken on San Diego area water supply and facility planning issues for 25 years. For the WSS project, Ken brings trusted expertise in a wide range of relevant topics: water supply reliability, water rates, member agency coordination, the structuring of interagency agreements, and more. In addition, Ken's reputation as a fair-minded and effective facilitator will help us design and execute project planning workshops that meet your objectives for clarity and effectiveness. We'll help you get to a decision, with confidence.

4. Project Approach



Answer the Question!

Oh, if it were that easy. The two sides of the balance scale are each influenced by many factors. Some are big ticket items with outsized influence, such as the cost of flume rehabilitation or replacement. Others are of lesser magnitude, but potentially cumulative in effect, and some are interrelated and conditional on other factors. The puzzle is complex.

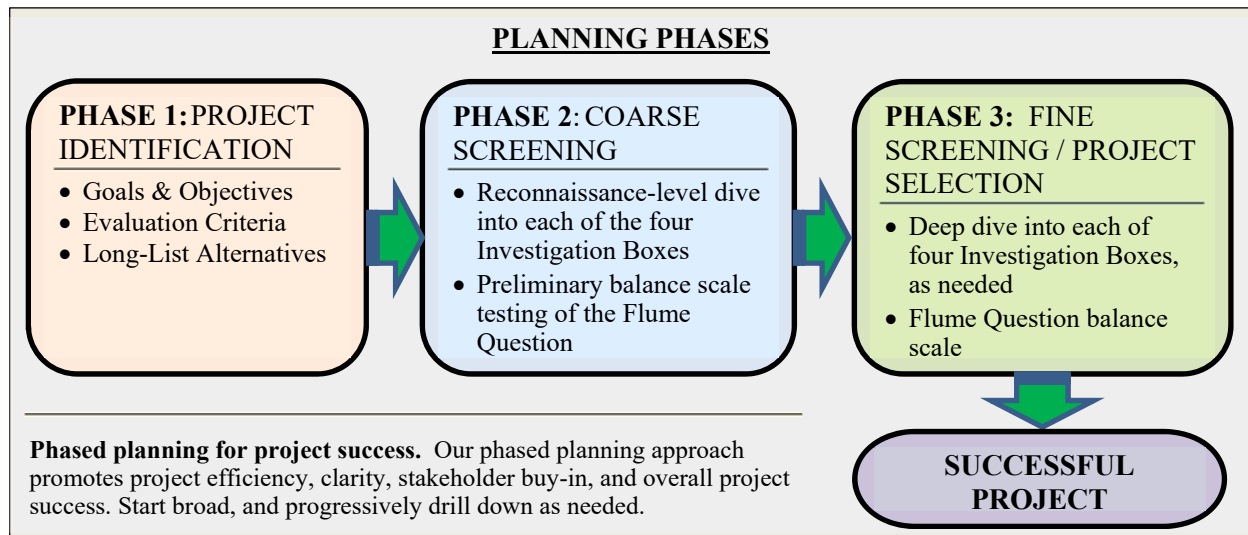
We believe that the key to solving the puzzle, and to doing so in a way that provides clarity and confidence to the decision process, is to approach the study in two intertwined dimensions:

- 1) a **phased planning process** that proceeds in a phased manner through progressive rounds of project objectives, coarse screening, and fine screening, (we think of this as the horizontal, chronological planning dimension) and
- 2) an **issue categorization structure** that groups evaluation components into separate Investigation Boxes for evaluation efficiency and presentation clarity (we think of this as the vertical dimension, drilling down into evaluation detail).

Let us explain:

Phased Planning Process

Planning proceeds most efficiently and most successfully when undertaken in phases. For the Water Supply Study, we propose to structure the work through three rounds of planning as illustrated below:



Each phase will include fact finding and review meetings with various stakeholders and on various topics, and a Planning Workshop bringing all the parties together for review. By working through issues progressively, starting broad and drilling into detail in phases, the process is made clear and intelligible to stakeholders and decision makers. Questions and concerns are vetted early rather than at the end, and conclusions are developed that support confident decision-making.

Phase 1: Project Identification

We refer to the first phase of planning as Project Identification. The objectives of this phase are to explore, in depth and with all of the stakeholders, the project **goals and objectives** and the **evaluation criteria** that will drive decisions, and to populate a **Long-List of project alternatives**.

- **Project Objectives**. Although it is often easy to view project objectives as obvious, and not it need of refinement, we have learned from experience that time invested in careful review of objectives at the beginning of the project pays worthwhile dividends. For example, in our proposal formulation we have presented the issue as **To Flume or Not To Flume**, and while we believe this *is* the issue, we think it possible, or likely, that careful review of that statement will flush out related objectives and themes that may need to be compounded into a more comprehensive statement of objectives. The District has a lot at stake on this evaluation; we'll help you get the project started right by bringing the target into clear and mutually-agreed focus.
- **Evaluation Criteria**. As with early review of project objectives, time spent with early review of evaluation criteria pays dividends by helping to guide the subsequent evaluation work of the project. For the Water Supply study, costs are a key criteria, but there will be non-cost factors as well, including supply reliability, environmental factors, and the perceived value of the District's historical operations and connections to its local water supply and Warner Ranch operations. Our initial ideas on the approach to weighing these issues will be to assign costs to as many as possible, such as with supply reliability, where we will seek to determine the *cost* of local system improvements that would be necessary to normalize reliability between the To Flume and Not To Flume options. We envision that through this process, the balance scale will be primarily weighing costs, with non-cost factors acting as more of a tie-breaker . . . but we look forward to fine-tuning this with you during the Phase 1 planning.
- **Long-List Alternatives**. The list of alternatives is many, and the goal of this early review is to get them all on the table for consideration. Through a phased evaluation process, some will fall to the side quickly, while others will become finalists for detailed review.

Key actions and deliverables of the Phase 1 work consist of the following:

- Fact-finding and review meetings
- Planning Notebook No. 1 (review materials for the workshop)
- Planning Workshop No. 1
- Workshop minutes to document objectives, criteria, and alternatives, and guide Phase 2

Phase 2: Coarse Screening

The evaluation of project alternatives begins in earnest in Phase 2, with reconnaissance-level dives into each of the four Investigation Boxes (described later). Conceptually, we propose to spend approximately one-third to one-half of the evaluation budget in this screening round, and anticipate the work will narrow the range of alternatives and thus focus the final investigative work of Phase 3. The Phase 2 work will also support initial, preliminary balance scale testing of the Flume Question. This will be fun.

Key actions and deliverables of the Phase 2 work consist of the following:

- Fact-finding and review meetings
- Planning Notebook No. 2 (review materials for the workshop)
- Planning Workshop No. 2
- Workshop minutes to document preliminary findings, and guide Phase 3

Phase 3: Fine Screening

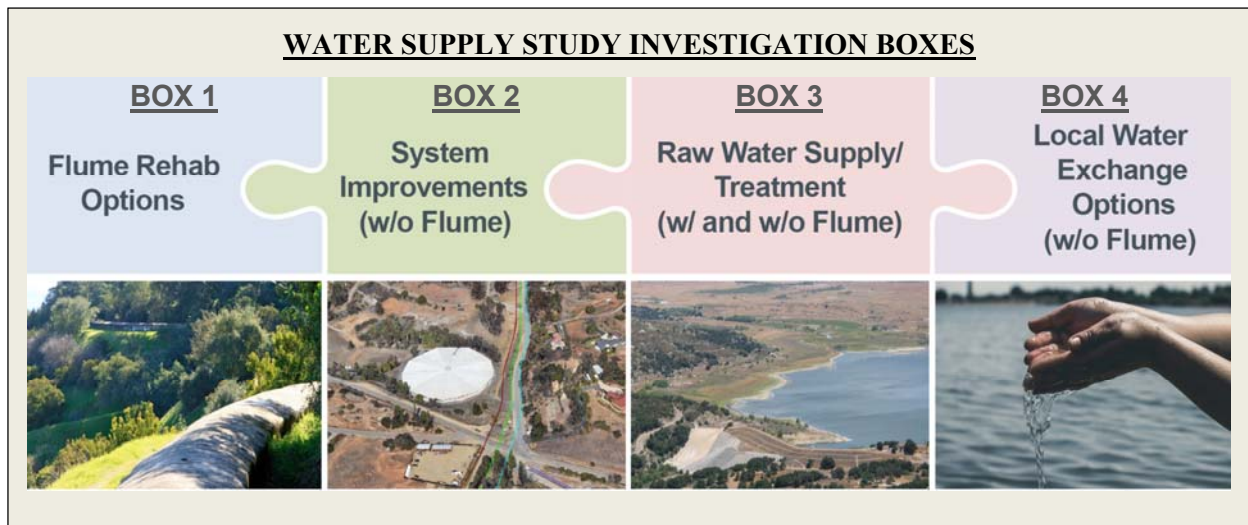
The evaluation of project alternatives reaches its conclusion in Phase 3, with deep dives into each of the four Investigation Boxes (described later). Investigations at this level will focus carefully on issues that differentiate the To Flume and Not To Flume options. The Phase 3 work will support the final rounds of balance scale testing of the Flume Question, leading to the selection of a preferred project solution.

Key actions and deliverables of the Phase 3 work consist of the following:

- Fact-finding and review meetings
- Draft TM package (review materials for workshop)
- Planning Workshop No. 3 / Preliminary Decision
- Final TMs / Summary Report
- Board presentation and review / Final Decision

Evaluation Boxes

The issues and variables weighing on the Flume Balance Scale are many. Conceptually, the issues may fall into four **Investigation Boxes**, as reviewed below. The phased evaluation approach described above will begin with reconnaissance-level dives into each of the boxes, circle back to the Flume Question balance beam for preliminary weighing, and then proceed with deeper dives into each of the boxes as needed to support clear project decisions.




The four boxes are further described in the following pages.



INVESTIGATION BOX 1: FLUME REHABILITATION AND REPLACEMENT OPTIONS

What's in the box?	Key Questions / Issues	Approach / Discussion
<ul style="list-style-type: none"> • Rehab/Replace Alternatives: <ul style="list-style-type: none"> ○ HDPE Reline ○ New pipe in place ○ New pipe, new alignment ○ Mix and match ○ Other • Sizing / Capacity • Hydraulic Design: (options to pressurize) • Demo Alt.s: (for w/o Flume option) 	<ul style="list-style-type: none"> • Costs: Life-cycle costs for capital and maintenance • Constructability: Construction access varies by bench section • Environmental Constraints: Likely manageable, but investigation appropriate to confirm 	<p>The District's most recent cost estimates for flume rehabilitation, subject to refinement and updating by this study, range from low of \$36 million to a high of \$75 million. This would be a significant investment for the District and its ratepayers. A key aspect of the investigation will be to review and refine cost estimates, with consideration to a range of possible rehab and replacement alternatives, and to the capacity needs of the system.</p>

<p>Output / Outcome:</p>	<p>Relative to the overarching question, To Flume or Not To Flume, the output of the Box 1 investigation will be the net costs of rehab / replacement in comparison to the possible demolition costs of flume retirement. We anticipate that constructability, environmental, and other issues will largely translate into costs.</p> <p>These costs will be one of the primary weights on the To Flume side of the balance scale.</p>	
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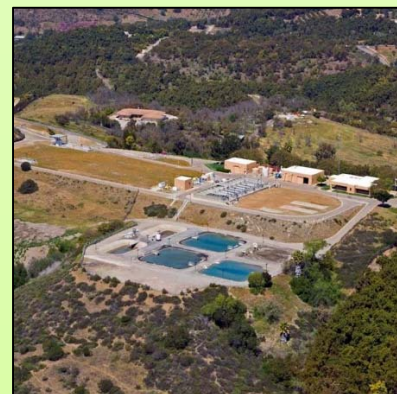
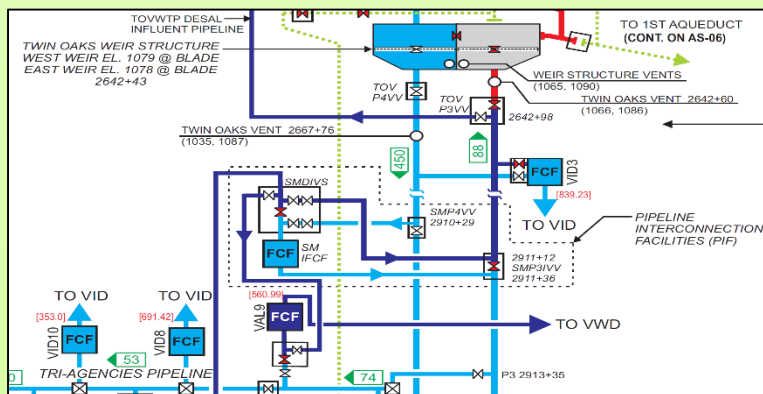
INVESTIGATION BOX 2: SYSTEM IMPROVEMENTS (w/o Flume)

What's in the box?	Key Questions / Issues	Approach / Discussion
<ul style="list-style-type: none"> • 10-Day Outage reliability options: <ul style="list-style-type: none"> ○ SDCWA iso valves ○ New treated water storage ○ Weese supply ○ VWD supply ○ Other • Boot and Bennet <ul style="list-style-type: none"> ○ Transition to VWD ○ Other • PS avoided costs? • Other Issues TBD 	<ul style="list-style-type: none"> • Supply Reliability: Improvements needed to put w/o Flume option on par with Flume • Pumping and other operational changes: Consider extent to which reliance on VID3 reduces and/or avoids pumping related costs • Costs: Life-cycle costs for capital and maintenance 	<p>The District's 2017 Potable Water Master Plan identifies the possible need for significant and expensive investments in treated water storage and other improvements were the District to retire the flume. Refinement of this analysis will be a key focus of Investigation Box 2.</p> <p>We believe it likely that refined analysis will confirm that an improved Water Authority system, with planned isolation valves in place, will remedy the District's supply reliability concern. Specifically, we anticipate the SDCWA system improvements will allow scheduled outages to be limited to one or the other of P3 and P4, and not to both simultaneously. We look forward to reviewing these issues with you.</p>

Output / Outcome:

Relative to the overarching question, To Flume or Not To Flume, the primary output of the Box 2 investigation will be the **net costs** of the system improvements, adjusted for possible avoided costs. If reliability improvements are judged to still leave the District at a material disadvantage relative to the To Flume option, these will be weighed as well.

These costs will be one of the primary weights on the **Not To Flume** side of the balance scale.





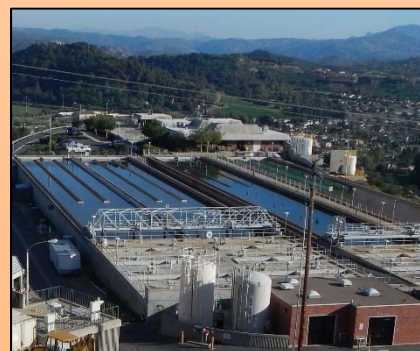
INVESTIGATION BOX 3: RAW WATER SUPPLY AND TREATMENT (w/ & w/o Flume)

What's in the box?	Key Questions / Issues	Approach / Discussion
<ul style="list-style-type: none"> • <i>Differences</i> between w/ and w/o flume options: <ul style="list-style-type: none"> ○ Warner Ranch ○ Henshaw dam ○ Escondido Canal ○ E-V WTP ○ Settlement obligations ○ Etc. • Other Issues TBD 	<ul style="list-style-type: none"> • Cost Completeness: Capture all elements • Cost Differences: Which costs go away w/o the flume, which remain • Non-Cost Factors: Previous District board items have spoken to the “intrinsic value” of the District’s expanded mission. 	<p>Box 3 is a big box, holding lots of components. Many of the components can be weighed neatly as a function of costs, but this box contains a healthy dose of non-cost factors as well, including history, District mission, and more.</p> <p>Our approach will be to review past work, interview District staff expert in the components, conduct our own reviews, and do all that in stages, with you, starting shallow and drilling deeper down as needed. An important aspect of our efficiency approach will be to try to anticipate which components are <i>different</i> between the w/ and w/o flume options, and focus our effort on those items.</p>

Output / Outcome:

Relative to the overarching question, To Flume or Not To Flume, the primary output of the Box 3 investigation will be the **net cost difference** between the options. An additional output may be a summary of perceived non-cost “intrinsic values” associated with continued operation of the District’s local water supply.

For illustration purposes at right, we have assumed the net cost difference accrues to the benefit of the Not To Flume option. We’ve shown the “intrinsic value” item accruing to the benefit of the To Flume option, but we defer to future workshops.

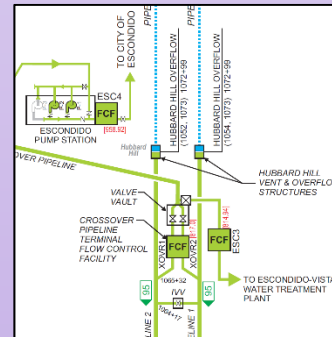




INVESTIGATION BOX 4: LOCAL WATER EXCHANGE OPTIONS (w/o Flume)

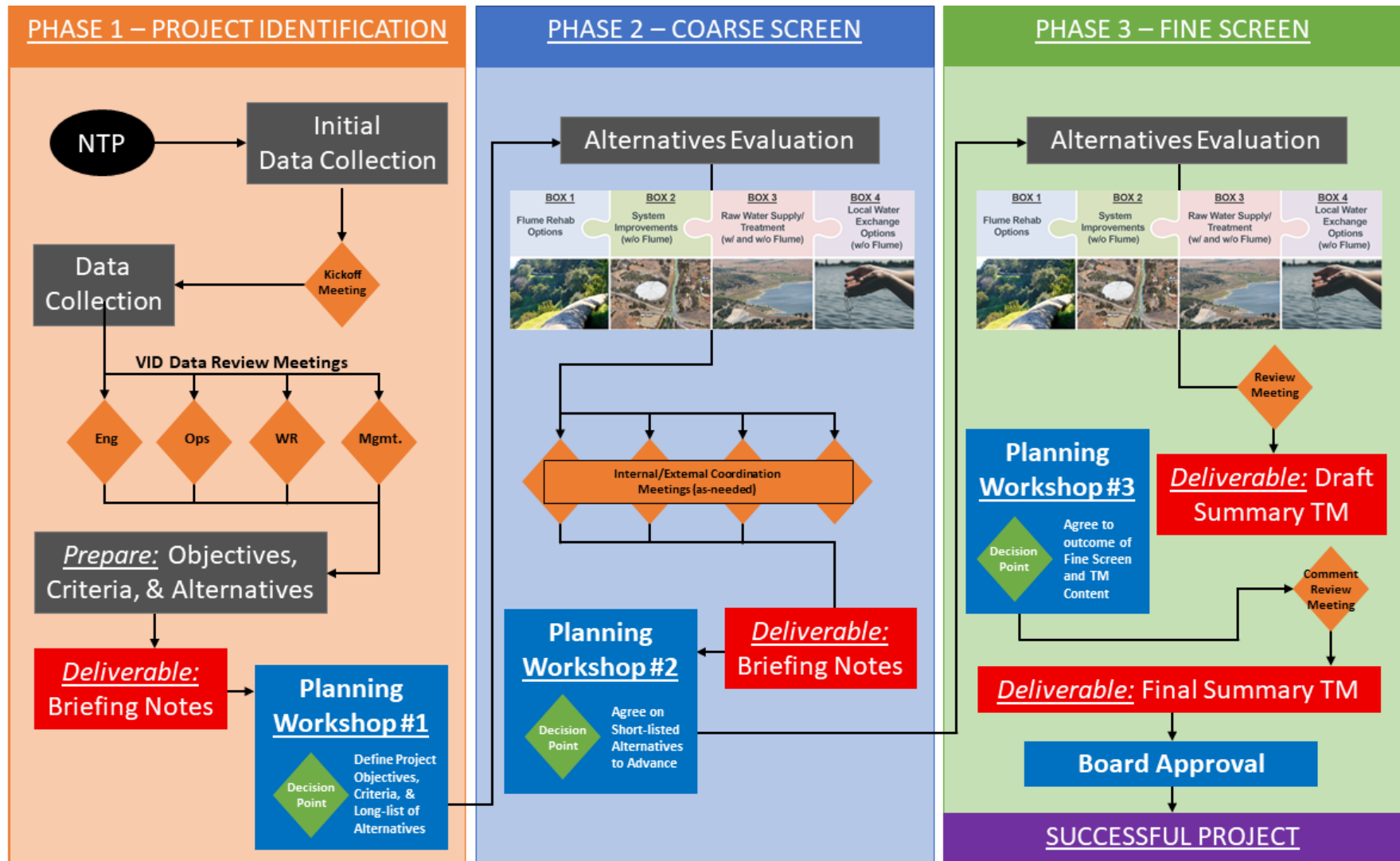
What's in the box?	Key Questions / Issues	Approach / Discussion
<ul style="list-style-type: none"> • Exchange Alternatives: <ul style="list-style-type: none"> ○ Escondido (raw) ○ Rincon (treated) ○ Other (treated) ○ SDCWA (raw) ○ Tribes (raw) ○ Environmental (raw) ○ Other • EV-WTP Blending Requirements • Other Issues TBD 	<ul style="list-style-type: none"> • Costs (Salvage Value): Identify salvage value accruing to District • Mechanics: Identify facility improvements needed for exchange, and costs • Water Rights: Confirm water rights transfer issues 	<p>The District estimates it derives an <u>average</u> of 5,000 AF/yr of supply from its local water system, with considerable year-to-year variation. The evaluation and confirmation of opportunities for the District to exchange or sell this local water to other users is a key factor in the evaluation of the Not To Flume option, and is the focus of Box 4.</p> <p>Our team brings recent experience coordinating water delivery issues with Escondido, Rincon, and SDCWA, and will apply this to help the District explore options with these and other agencies.</p>

<p>Output / Outcome:</p>	<p>Relative to the overarching question, To Flume or Not To Flume, the primary output of the Box 4 investigation will be the net cost benefit accruing to the District from an exchange agreement. The effect on the balance scale is to act as a balloon lifting up the Not To Flume side of the scale.</p>	
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Putting it all Together

Our project approach provides process clarity, completeness, and trust. You get analysis and recommendations to support a flume decision you can make with confidence.





STAFF REPORT

Agenda Item: 9

Board Meeting Date: January 23, 2019
Prepared By: Greg Keppler
Reviewed By: Randy Whitmann
Approved By: Brett Hodgkiss

SUBJECT: HB RESERVOIR REHABILITATION DESIGN

RECOMMENDATION: Authorize the General Manager to amend the Agreement for Professional Services with Richard Brady & Associates to include the design of the HB Reservoir Rehabilitation for a total cost not to exceed \$289,600.

PRIOR BOARD ACTION: On June 20, 2018, the Board authorized the HB Reservoir Structural Evaluation.

FISCAL IMPACT: The \$78,500 Structural Evaluation was recently completed and determined the extent of upgrades that are necessary to repair the tank along with associated costs. The proposed \$211,100 additional cost is for the rehabilitation design.

Preliminary cost estimates to complete the repairs and necessary upgrades to meet structural/seismic codes are on the order of \$3.5-\$3.8 million, which includes improvements to the inlet/outlet yard piping, drainage, pavement and fencing. The cost for constructing a new reservoir is estimated to be approximately \$6.3 million and would add a significant amount of time to the design and construction schedule.

SUMMARY: The District's regional operation, emergency, and fire flow storage is primarily provided from three facilities: the 4.5 million gallon (mg) HB Reservoir, 20.0 mg Pechstein Reservoir, and 4.7 mg HP Reservoir. The Potable Water Master Plan (Master Plan) provided initial condition assessments for all the District's reservoirs, and near-term rehabilitation improvements are recommended for many of them. Given their importance to system operations, the regional facilities have been given the highest priority.

HP Reservoir was recently rehabilitated through a design-build agreement, which was prompted by corroded and failing steel cable wrapping at the base of the tank. Both the HP and HB reservoirs were constructed in the early 1960s and are nearly identical circumferential pre-stressed concrete tanks. The structural evaluation for the HB Reservoir has been completed, and staff recommends proceeding with the rehabilitation design with the goal of completing the rehabilitation work by the end of 2019. This will allow completion of the work prior to the E Reservoir Replacement construction that is anticipated to start in 2020.

DETAILED REPORT: HB Reservoir is located along Buena Creek Road, just west of Blue Bird Canyon Road and Pechstein Reservoir. Richard Brady and Associate's (Brady's) structural evaluation included reviewing existing documents, visual inspections, exposing and evaluating the condition of the existing pre-stressing wire, geotechnical investigations, structural and seismic analysis, and recommendations for rehabilitation. The findings are as follows:

- Existing wall pre-stressing wire and floor anchorage – the existing wire wrapping was found to be in good condition and re-wrapping is not necessary. However, the walls are not anchored to the floor, and retrofit construction of the footing is recommended to incorporate diagonal seismic cables connecting the footing and the wall. The cables would be mounted to the outside shotcrete coating, held in place by lightly tensioned pre-stressing wire and embedded in a shotcrete coating.
- Hypalon liner – the liner needs to be replaced and a high performance elastomeric coating to the walls and floor is recommended.

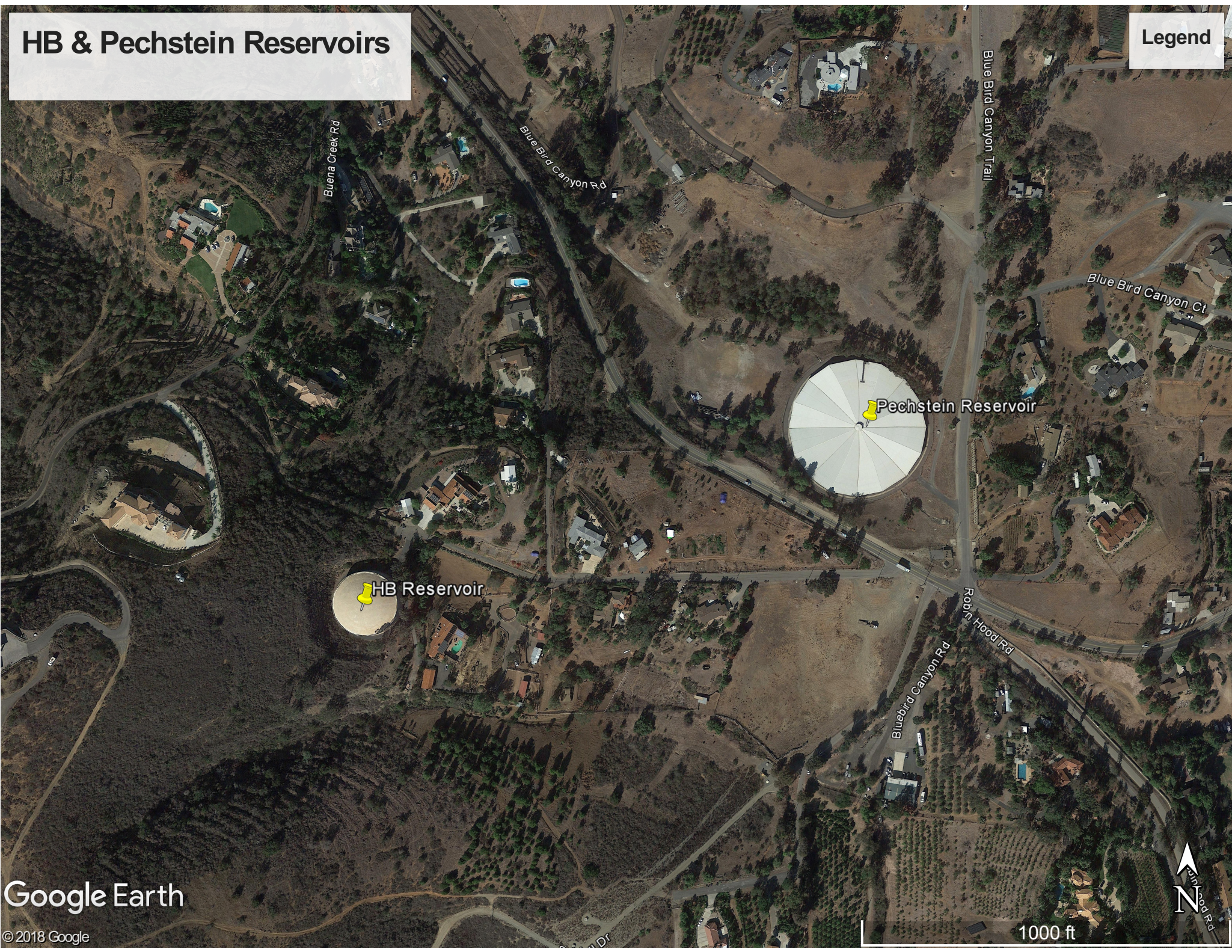
- Concrete dome roof and wall anchorage – a fair amount of roof cracking and spalling repair would be required for rehabilitation. The dome lacks any mechanical connection to the walls and is supported only by a slight vertical step in the roof-wall intersection. A significant amount of bracketing would be required to properly anchor the dome roof to the walls.
- Aluminum dome roof option – the preliminary cost estimates show that the installation of a new aluminum dome roof may only be slightly more expensive than keeping the concrete dome roof. In addition to the repair work and extensive bracketing required to anchor the roof, this small cost differential is due to the extensive amount of confined space interior wall and floor work that would be required with the roof in place.
- Appurtenances and civil site work – many of the tank appurtenances need repair or replacement, and civil site improvements are necessary including paving, drainage, and security fencing.

In addition to costs, the schedule for completing the rehabilitation is an important aspect that will weigh into the ultimate project delivery method recommended. Work is needed at many of the District's storage facilities, and multiple projects are envisioned near-term. With the successful completion and knowledge gained from the HP Reservoir Rehabilitation project, there is an opportunity to streamline and accelerate the rehabilitation of HB Reservoir using a design-build approach. Staff proposes completing the 50% design before making a recommendation to move forward with a design-build approach or the more conventional design-bid-build approach.

ATTACHMENT: Project Map

HB & Pechstein Reservoirs

Legend



Google Earth

© 2018 Google

1000 ft





**PUBLIC AFFAIRS
COMMITTEE REPORT**

Agenda Item: 10

Board Meeting Date:
Prepared By:

January 23, 2019
Drs. Sanchez and Vásquez

SUBJECT: SCHOLARSHIP CONTEST

RECOMMENDATION: For information only.

PRIOR BOARD ACTION: At its December 5, 2018 meeting, the Board authorized the Public Affairs Committee to restructure the scholarship contest as necessary to create additional flexibility in administering the scholarship contest and increase participation.

FISCAL IMPACT: \$6,000 for the scholarship contest is included in the budget.

SUMMARY: Each year, the District invites high school seniors who live or go to school within its service area to compete for a scholarship. At the conclusion of last year's awards presentation, the Public Affairs Committee (Committee) indicated to the Board they would like to look at making changes to the scholarship contest to increase participation. The Committee informed the Board it would meet to discuss ideas for restructuring the contest and bring its recommendations to the Board for consideration.

At the December 5, 2018 Board meeting, the Committee presented its ideas for restructuring the scholarship contest, most notably by advertising multiple scholarship awards, increasing the scholarship award amounts and removing the requirement to submit school transcripts, with goal of increasing participation. The Board discussed several ideas to create additional flexibility in administering the scholarship contest and increase participation; ideas included advertising a maximum number of scholarships and a maximum scholarship amount as well as removing the requirement for an applicant to list his/her grade point average on the scholarship application. The Board authorized the Committee to restructure the scholarship contest as necessary to meet the previously stated goal.

DETAILED REPORT: On December 18, 2018, the Committee met and discussed restructuring the scholarship contest, keeping in mind the ideas talked about with the Board. After careful consideration, the Committee decided to offer up to six scholarships with a minimum scholarship award amount of \$1,000 and a maximum scholarship amount of \$3,000, providing the Committee (and Board) the flexibility to award multiple scholarships based on the quality of the applications. The Committee also, as discussed with the Board, removed the requirement for an applicant to provide his or her grade point average on the application form; additionally, the Committee added a question to find out how applicants had learned about the scholarship contest.

Staff has distributed application packages and promotional brochures to high school counselors within the District's jurisdictional boundaries, and follow-up calls have been made to counselors to make sure the application materials and brochure were received. A news release on the scholarship contest has been issued, and scholarship application materials have been made available on the District's website. Staff will coordinate additional scholarship promotional efforts with high school counselors, including, but not limited to, the placement of information about the scholarship in high schools' monthly scholarship bulletins and on daily video bulletins (if space is available).

Application packages are due to the District by 5:00 p.m. on Friday, March 1, 2019. The Committee, which serves as the competition judges, could meet in the following weeks (based on Committee members' availability) to review the applications and recommend the winner(s). The Committee's recommendation for the winner(s) could then be submitted to the Board for consideration at a meeting in April. A certificate could be presented to the winner(s) at the next scheduled Board meeting. As in the past, once the students have enrolled at a university, college or vocational school District staff will forward a check to the school on behalf of the student(s).

ATTACHMENTS: Scholarship application package and Promotional Brochure



SCHOLARSHIP APPLICATION PACKAGE

Vista Irrigation District (VID) invites local high school seniors to compete for scholarship(s) from VID. Up to six scholarships may be awarded; the minimum scholarship award amount is \$1,000 and the maximum scholarship award amount is \$3,000. Winners will be selected based on the quality and originality of an essay prepared by the applicant as well as school and community involvement. Applications will not be accepted if all criteria are not met, including correct formatting. **Applicants must submit each of the following documents by 5:00 PM on Friday, March 1, 2019:**

1. Completed application form.
2. School/Community involvement:
 - a. One letter of recommendation from a high school faculty member.
 - b. One letter of character reference from a personal or professional associate.
3. A personal statement (**two pages or less, Arial font, 12 point type, with 1 inch margins top, bottom, left and right, and line spacing set to 1½**). Suggested topics include the student's reasons for applying for the scholarship or seeking a higher education, the student's educational/career goals, personal background or interests.
4. An essay (**two pages, Arial font, 12 point type, with 1 inch margins top, bottom, left and right, and line spacing set to 1½**) addressing the following topic/question:

Water-use efficiency is an important aspect of ensuring a reliable supply of water in the San Diego region. Explain what specific actions you have taken to use water efficiently and how you can (or do) encourage water-use efficiency in your community.

The essay will be judged on originality and demonstrated understanding of the question.

Students may obtain an application package from their Scholarship Counselor or from VID by contacting Alisa Nichols at (760) 597-3173. The application package and related materials are also available on the district's website (www.vidwater.org).

A completed application package must be submitted to the Vista Irrigation District, 1391 Engineer Street, Vista, CA 92081-8840, **by 5:00 PM on Friday, March 1, 2019.**

VID will review qualified applications and select winner(s) who will receive scholarships. Once enrolled at a college, university or vocational school, VID will send a check directly to the school on scholarship recipient's behalf.



2019 SCHOLARSHIP APPLICATION

(Competition is open to all high school seniors who live or attend school in VID's service area)

Name: _____

Telephone number and best time to call: _____

Address: _____

High School: _____

How did you learn about the VID Scholarship? _____

Post high school education plans (college, vocational school, etc.)

Service and/or other extracurricular activities performed through school or volunteer organizations, community groups, church or clubs, etc. (Include contact name/telephone for verification where possible)

Honors or special recognitions received (school or other)

If employed, job title and total hours per week: _____

Job Responsibilities: _____

Who Said Money for College is Hard to Find?

Talk to your
school counselors
or visit
Vista Irrigation District
website at
www.vidwater.org
to download an
application to apply
for the scholarship.



Alisa Nichols
1391 Engineer Street
Vista, CA 92081
Email: anichols@vidwater.org
(760) 597-3173

Applications and additional information are
available on the web at www.vidwater.org



2019 Scholarship Contest

**Do you
need
money for
college?**



Vista Irrigation District Scholarship Contest

Vista Irrigation District (VID) invites local high school seniors to compete for scholarship(s) from VID. Up to six scholarships may be awarded; the minimum scholarship award amount is \$1,000 and the maximum scholarship award amount is \$3,000. The purpose of the scholarship program is to increase knowledge and awareness of water related issues impacting their community.

Students may download an application package at www.vidwater.org or contact Alisa Nichols at (760) 597-3173 to have the materials mailed to them. Applications are also available through high school counseling offices.

Applications must be received at the District's office by **5:00 PM on March 1, 2019**. Eligible students must live or go to school within the Vista Irrigation District service area.



Scholarship Awards

Up to Six Scholarships

Minimum Scholarship \$1,000

Maximum Scholarship \$3,000

Applying is Easy!

**Submit the following to
VID by 5:00 p.m.
March 1, 2019**

- ◆ Completed application form.
- ◆ One letter of recommendation from a high school faculty member.
- ◆ One letter of character reference from a personal or professional associate.
- ◆ A personal statement. Suggested topics include reasons for applying for the scholarship or seeking a higher education, educational and career goals, personal background or interests.
- ◆ A two-page essay addressing the following topic/question:

Water-use efficiency is an important aspect of ensuring a reliable supply of water in the San Diego region. Explain what specific actions you have taken to use water efficiently and how you can (or do) encourage water-use efficiency in your community.



STAFF REPORT

Agenda Item: 11

Board Meeting Date: January 23, 2019
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: MARCH 2019 BOARD MEETING DATES

RECOMMENDATION: Consider changing the Board of Directors meeting date(s) in March 2019 from March 6 to March 7 and March 19 to March 20, both at 8:30 a.m.

PRIOR BOARD ACTION: On November 7, 2018 the Board established the 2019 Board meeting calendar.

FISCAL IMPACT: None.

SUMMARY: It recently came to staff’s attention that the date for the Association of California Water Agencies Legislative Symposium (Symposium) in March 2019 has been changed from March 20 to March 6. Since the March Board meeting dates were rearranged to accommodate this Symposium, the Board indicated a desire to reconsider the March Board meeting schedule. Staff recommends moving the first meeting of the month, possibly from March 6 to March 7 to resolve the conflict, and moving the second meeting from March 19 to March 20, the regular third Wednesday meeting date. It is recommended that both meetings begin at 8:30 a.m.

MARCH 2019 (current)						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



STAFF REPORT

Agenda Item: 12

Board Meeting Date: January 23, 2019
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: DISTRICT COMMITTEES AND REPRESENTATIVES TO OUTSIDE ORGANIZATIONS

RECOMMENDATION: Review and ratify committee and outside organization appointments for 2019.

PRIOR BOARD ACTION: At its January 9, 2019 meeting, the Board elected Jo MacKenzie as President, Richard Vásquez as First Vice President, and Patrick Sanchez, Marty Miller, and Paul Dorey as Vice Presidents for 2019. Marlene Kelleher was appointed as Treasurer with Brett Hodgkiss as Assistant Treasurer. Lisa Soto was reappointed as Board Secretary with Ramae Ogilvie and Brett Hodgkiss as Assistant Secretaries.

FISCAL IMPACT: Undetermined amount of expenses and per diem.

DETAILED REPORT: For reference, the following list of the District committees and outside organization assignments for 2018 has been provided pending President MacKenzie's committee appointments for 2019.

ATTACHMENT: 2018 Committee and Outside Organization Appointments

STANDING COMMITTEES FOR 2018:

Water Sustainability

Vásquez, Chair; and Sanchez

Programs related to water conservation and maintenance of current water sources. Development by VID and/or our supplier(s) of new sources such as desal, brackish water, and recycled water. Does not include Lake Henshaw and the Warner Ranch.

Fiscal Policy

Dorey, Chair; and MacKenzie

District budget and finances, including rates.

Warner Ranch

MacKenzie, Chair; and Miller

Contracts, leases, historical assets, environmental issues, long-range planning, and relations with neighboring property owners.

Public Affairs

Sanchez, Chair; and Vásquez

Public outreach on water conservation and legislation, and public education on major water issues.

Groundwater

Dorey, Chair, and MacKenzie

Groundwater resources management and matters pertaining to the Sustainable Groundwater Management Act of 2014.

OUTSIDE ORGANIZATIONS FOR 2018:

San Luis Rey Watershed Council

Dorey; Alternate-Jessica Sherwood

A partnership of local landowners, agricultural growers, Native American bands, community and environmental organizations, government agencies and special districts with ties to this watershed. The Council's primary goal is to develop and implement a comprehensive resource management plan for the San Luis Rey River and its tributaries.

ACWA/JPIA

Dorey; Alternate-Eldon Boone

The insurance pool formed by ACWA member agencies; VID obtains liability, property and workers compensation insurance through ACWA/JPIA.

Southern California Water Coalition

Dorey; Alternate-Vásquez

A nonprofit, nonpartisan, public education partnership dedicated to informing Southern Californians about our water needs and our state's water resources; a cooperative effort of business, government, water agencies, agriculture, and public interests.

Groundwater Resources Association

Dorey; Alternate-Vásquez

Dedicated to resources management that protects and improves groundwater through education and technical leadership.



STAFF REPORT

Board Meeting Date: January 23, 2019
Approved By: Brett Hodgkiss

SUBJECT: DISTRICT GENERAL COUNSEL

RECOMMENDATION: Consider replacement of retiring District General Counsel Joel Kuperberg.

PRIOR BOARD ACTION: On October 2, 2008, the Board appointed Joel Kuperberg of Rutan & Tucker as the District's General Counsel (with David Cosgrove as Backup Attorney). The Board approved an amendment to the agreement for legal services with Rutan & Tucker replacing David Cosgrove with Jeremy Jungreis as Backup Attorney for the District on April 3, 2013. The Board approved adjustments to fees for general and special legal services on June 20, 2012, March 16, 2016 and April 4, 2018.

FISCAL IMPACT: Unknown at this time.

SUMMARY: In connection with his impending retirement from Rutan & Tucker, Joel Kuperberg has announced that he is resigning as the District's General Counsel effective January 31, 2019. With Mr. Kuperberg's resignation, the District will need to replace District General Counsel. The District has the option to replace Mr. Kuperberg by appointing new General Counsel from Rutan & Tucker or soliciting proposals for General Counsel services.

DETAILED REPORT: As noted, the District has the option to replace Joel Kuperberg with another attorney from Rutan & Tucker. David Cosgrove has been serving as legal counsel at Board meetings when Mr. Kuperberg has been unavailable to attend and has been assisting the District with a variety of legal matters, including the sale of the Pipeline Drive and 1951 Warmlands Avenue (former F Reservoir site) properties. Appointment of Mr. Cosgrove as District General Counsel would necessitate (and be contingent upon) the legal services agreement with Rutan & Tucker being amended as necessary; proposed amendments to the legal services agreement with Rutan & Tucker could be presented for Board consideration at its February 6, 2019 meeting.

Alternatively, the District could solicit proposals for General Counsel services to replace Mr. Kuperberg. The District could use a selection process similar to the one that was used in 2008 which involved issuing a request for proposal for General Counsel services to a list of qualified firms; reviewing proposals from responding firms; and interviewing and selecting General Counsel. The Board was involved in the final selection process, interviewing and selecting General Counsel.



Agenda Item: 14

STAFF REPORT

Board Meeting Date: January 23, 2019
Prepared By: Brett Hodgkiss

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

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



STAFF REPORT

Agenda Item: 15.A

Board Meeting Date: January 23, 2019
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: 15.B

Board Meeting Date: January 23, 2019
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 *	State of the Community Luncheon <i>Jan. 28, 2019 – 11:00 a.m. – 1:00 p.m. – Vista Civic Center</i> <i>Reservation deadline: None</i>	Miller (R) Vásquez (R) Dorey (R) Sanchez (R) MacKenzie (R)
2	15th Annual California Water Law Symposium (Best Best & Keieger) <i>Feb. 2, 2019 – UC Hastings College of Law, San Francisco</i> <i>Registration deadline: None</i>	Dorey (R)(A)(C)(H)
3	Board Member Best Practices (CSDA) <i>Feb. 14, 2019 – Cucamonga Valley Water District</i> <i>Registration deadline: 2/7/19</i>	
4 *	Council of Water Utilities Meeting <i>Feb. 19, 2019 – Hotel Karlan San Diego</i> <i>Reservation deadline: 2/14/19</i>	Dorey Vásquez
5	Maximize Your Membership: Resources for Board Members Webinar (CSDA) <i>Feb. 22, 2019 – 10:00 a.m. – 10:30 a.m.</i> <i>Registration deadline: 2/15/19</i>	
6	Urban Water Institute’s Spring Water Conference <i>Feb. 27-Mar.1, 2019 – Hilton Palm Springs Hotel</i> <i>Registration deadline: 2/13/19</i>	Vásquez
7	Lower Colorado River Tour (Water Education Foundation) <i>Feb. 27-Mar.1, 2019 – Starts in Las Vegas and ends at Ontario Airport</i> <i>Reservation deadline: 2/6/19</i>	
8	ACWA Legislative Symposium <i>Mar. 6, 2019 – Sacramento Convention Center</i> <i>Registration deadline: 2/22/19</i>	MacKenzie
9	State Water Project/Bay Delta (SDCWA/MWD) <i>Mar. 16-17, 2019 – Sacramento</i> <i>Reservation deadline: Not open yet</i>	
10	Santa Ana River Watershed Conference (Water Education Foundation) <i>Mar. 29, 2019 – Cal State Fullerton University Conference Center</i> <i>Registration deadline: TBD</i>	
11	California Water Policy Conference <i>Apr. 4-5, 2019 – Courtyard by Marriott at Liberty Station</i> <i>Registration deadline: TBD</i>	
12	Special District Leadership Academy (CSDA) <i>Apr. 7-10, 2019 – Embassy Suites San Diego Bay</i> <i>Registration deadline: 3/8/19</i>	
13	Legislative Round-Up Webinar (CSDA) <i>April 11, 2019 -10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 4/4/19</i>	

	SCHEDULE OF UPCOMING MEETINGS AND EVENTS	ATTENDEES
14	Colorado River Aqueduct System (SDCWA/MWD) <i>Apr. 12-13, 2019 – Starts at the San Diego County Water Authority</i> <i>Reservation deadline: Not open yet</i>	
15	ACWA Spring Conference <i>May 7-10, 2019 – Monterey (Venue TBD)</i> <i>Registration deadline: TBD</i>	
16 *	Vista Historical Society Hall of Fame Luncheon <i>May 18, 2019 – Shadowridge Country Club</i> <i>Reservation deadline: TBD</i>	
17	Special Districts Legislative Days (CSDA) <i>May 21-22, 2019 – Sacramento Convention Center</i> <i>Registration deadline: 4/26/19</i>	
18	Hoover Dam & Colorado River Aqueduct System (SDCWA/MWD) <i>June 7-8, 2019 – SDCWA</i> <i>Reservation deadline: Not open yet</i>	
19	Special District Leadership Academy (CSDA) <i>July 7-10, 2019 – Embassy Suites Napa Valley</i> <i>Registration deadline: 6/7/19</i>	
20	Second Annual Western Groundwater Congress (GRA) <i>Sept. 17-19, 2019 – Double Tree by Hilton, Sacramento</i> <i>Registration deadline: TBD</i>	
21	CSDA Annual Conference <i>Sept. 25-28, 2019 – Anaheim Marriott</i> <i>Registration deadline: TBD</i>	
22	ACWA Fall Conference <i>Dec. 3-6, 2019 – San Diego (Venue TBD)</i> <i>Registration deadline: TBD</i>	
23	Colorado River Water Users Association Conference (CRWUA) <i>Dec. 11-13, 2019 – Caesars Palace, Las Vegas</i> <i>Registration deadline: TBD</i>	

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

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

A=Airline; **R**=Registration; **C**=Car; **H**=Hotel; **T**=Tentative



Agenda Item: 16

STAFF REPORT

Board Meeting Date: January 23, 2019
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:

- Vista Hall of Fame participation
- H.R. La Bounty Safety Awards
- Lake Henshaw / Warner Ranch Inspection Tour



STAFF REPORT

Agenda Item: 17

Board Meeting Date: January 23, 2019
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.



STAFF REPORT

Agenda Item: 18

Board Meeting Date: January 23, 2019
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: 19

STAFF REPORT

Board Meeting Date: January 23, 2019
Prepared By: Brett Hodgkiss

SUBJECT: COMMENTS BY GENERAL MANAGER

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