

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

June 21, 2017

An Adjourned Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, June 21, 2017, at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

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

2. ROLL CALL

Directors present: Miller, Vásquez, Dorey, Sanchez, and MacKenzie.

Directors absent: None.

Staff present: Eldon Boone, General Manager; Lisa Soto, Secretary of the Board; Brett Hodgkiss, Assistant General Manager; Don Smith, Director of Water Resources; Brian Smith, Director of Engineering; Randy Whitmann, Engineering Project Manager; Alisa Nichols, Management Analyst; Sherry Thorpe, Safety Manager; Steve Tester, Mechanic; Chris Weatherwax, System Controls Technician I; Jason Patterson, System Controls Technician II; Al Ducusin, Engineering Services Manager; Marlene Kelleher, Finance Manager; and Marian Schmidt, Administrative Assistant. General Counsel Joel Kuperberg was also present.

Other attendees: Dan Bohn, member of the public.

3. PLEDGE OF ALLEGIANCE

Director MacKenzie led the pledge of allegiance.

4. APPROVAL OF AGENDA

17-06-76 *Upon motion by Director MacKenzie, seconded by Director Vásquez 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

17-06-77 *Upon motion by Director Vásquez, 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. 17-25 approving revisions to the 2017 Compensation Schedule, and Resolution 17-26 approving disbursements.*

A. Revision to Compensation Schedule

See staff report attached hereto.

The Board adopted Resolution 17-25 approving a revision to the 2017 Compensation Schedule for all employees to facilitate California Public Employees' Retirement System reporting requirements under current state pension law, by the following roll call vote:

AYES: Directors Vásquez, Dorey, Sanchez, MacKenzie, and Miller

NOES: None

ABSTAIN: None

ABSENT: None

Resolution No. 17-25 is on file in the official Resolution book of the District.

B. Waterline project approval and tract map

See staff report attached hereto. Staff recommended and the Board approved the waterline project, accepted Grant of Right of Way (P81), and Joint Use Agreement via County of San Diego Tract No. 5479-1, and directed staff to file the Notice of Exemption over a proposed 19-lot single-family development, also known as Stonemark Estates, consisting of approximately 25.77 gross acres owned by PAS Investors L.P., a California Limited Partnership, located at Buena Vista Drive, Vista (LN 2015-029; APN 169-200-20; DIV NO 4).

C. Assignment of Water Rights and Imported Water Entitlement

See staff report attached hereto. Staff recommended and the Board approved the Assignment of Water Rights and Imported Water Entitlement over a vacant single-family parcel consisting of approximately 1.18 gross acres owned by Carole Ann Roos Haller Living Trust located at Camino De Las Lomas, Vista, also known as the Carole Haller Reorganization and direct staff to record the documents with the County Recorder (LN 2016-014; APN 178-210-18; CF 500-367; LAFCO RO16-18; DIV NO 5).

D. Minutes of Board of Directors meeting on June 7, 2017

E. Resolution ratifying check disbursements

RESOLUTION NO. 17-26

BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 56229 through 56340 drawn on Union Bank totaling \$4,804,505.10.

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 21st day of June 2017.

At the request of the member of the public, Dan Bohn, who was in attendance with an interest in Item 8 of the agenda, President Miller moved agenda Item 8 to be considered before Item 7.

8. TEMPORARY SERVICE AGREEMENT AND IMPORTED WATER ENTITLEMENT

See staff report attached hereto.

Engineering Services Manager Al Ducusin provided the Board with an overview of the District's policy on Temporary Service Agreements (TSA). He stated that it has been the historic policy of the District to require a property to be adjacent to an existing District pipeline in order to be eligible for water service. However, this parcel is not adjacent to the District's pipeline. This TSA document would allow the owners a temporary off-site connection to the District's distribution system with the understanding that they will participate in any future costs to extend the distribution system adjacent to their property by the District, or by others. The TSA requires the property owners to install their own private pumping system, including all necessary connections and appurtenances within their private utility easements.

Director MacKenzie requested confirmation that the TSA releases the District from any obligation to extend a public water system to serve this parcel in the future. Mr. Boone clarified that the TSA only obligates the owner to participate in future costs to extend the system adjacent to their property, if initiated by the District or other property owners/developer.

17-06-78	<i>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 Temporary Service Agreement No. 1003 (TSA) for Delivery of Water by Virtue of an Off-Site Meter and Imported Water Entitlement for a single-family residential parcel consisting of approximately 2.78 gross acres, owned by James and Margaret Fuller, located within the Chicago Tribune Hills area off Buena Creek Road, Vista (LN 2006-012; APN 184-101-32; DIV NO 5).</i>
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Mr. Bohn and Al Ducusin left the meeting at this time.

7. SAFETY AWARDS PROGRAM

See staff report attached hereto.

Safety and Risk Manager Sherry Thorpe provided an overview of the H. R. LaBounty Safety Program and introduced each of the award recipients. System Controls Technician I Chris Weatherwax and System Controls Technician II Jason Patterson presented their award winning idea of upgrading the key fob based security system on the District's Supervisory Control and Data Acquisition (SCADA) integrator. Mechanic Steve Tester presented his award winning idea of installing a grate over the top opening of the tank of the District's water trucks, preventing anyone from entering the opening and getting trapped in the tank.

Director Dorey, the District's representative to ACWA JPIA, presented the awards to Messrs. Weatherwax, Patterson and Tester. The Board commended and thanked the award recipients for their efforts.

Sherry Thorpe, Chris Weatherwax, Jason Patterson, and Steve Tester left the meeting at this time.

9. MANAGEMENT OF LOCAL WATER

See staff report attached hereto.

General Manager Eldon Boone stated that this item regarding the management of the District's local water was placed on the agenda at the request of a Board member. He began by reviewing information that had been reported in the newspaper regarding a drowning that occurred on June 19 at the District's local water source, Lake Henshaw. He stated that no further details were available and that the District had requested a copy of the police report. Copies of the news articles that appeared in the San Diego Union-Tribune were provided to the Board (attached hereto as Exhibit A).

Director of Water Resources Don Smith provided an overview of the District's management of local water, addressing wellfield pumping as well as storage and releases from Lake Henshaw. He explained the complexities of managing the local water system and reviewed the diagram that was included as an attachment to the staff report. Mr. Smith stated that with the effectiveness of the San Luis Rey Indian Settlement in May, future operation of the local water system must now also accommodate the needs and rights of the Indian Bands to call upon local water. He answered questions from the Board members.

Director MacKenzie thanked Mr. Smith for providing a very thorough report. She suggested that the Local Water System diagram be provided as part of new Board members' orientation materials in the future. The Board thanked Mr. Smith for explaining the complexities of operating the local water system, and for enhancing the Board's understanding of the District's practices related to the management of its local water.

10. GROUNDWATER ASSESSMENT AND CONSULTATION SERVICES

See staff report attached hereto.

Mr. Don Smith reported that the District had received seven qualified proposals in response to its Request for Proposal for groundwater assessment and consultation services. A committee composed of District staff and one staff member from the City of Escondido (Escondido) reviewed the proposals and interviewed the two most qualified firms, Todd Groundwater, Inc. (Todd) and Dudek. After interviewing both firms, Todd and Dudek offered to prepare an eighth proposal, combining the strengths of their respective firms.

Staff met with the District's ad hoc Groundwater Committee (comprised of Directors Dorey and MacKenzie) to review the proposal process and to hear staff's recommendation. District and Escondido staff as well as the ad hoc Committee were all in agreement that the joint proposal of Todd/Dudek offered the best combination of qualifications, expertise, familiarity with the County of San Diego's processes, and value for both the District and Escondido. Mr. Smith stated that Escondido has agreed to the joint proposal approach and was appreciative of having been involved in the process.

17-06-79	<i>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 a professional services agreement with Todd Groundwater, Inc., to provide groundwater assessment and consultation services per their joint proposal with Dudek in an amount not to exceed \$227,392.</i>
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A brief break was taken from 10:45 a.m. to 10:55 a.m. Upon return from break, present in the Boardroom was Don Smith only.

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

See staff report attached hereto.

President Miller reported that he attended the North County Water Group meeting that morning. He stated that Greg Thomas, General Manager for Rincon del Diablo Municipal Water District commented on a meeting he attended the previous day where Max Gomberg, staff with the State Water Resources Control Board, spoke about State mandates to control water use.

President Miller stated that the San Diego County Water Authority (Water Authority) Board would consider adopting the agency's budget for fiscal years 2018 and 2019, as well as a rate increase for calendar year 2018, at its meeting the following day. President Miller reported that due to his absence at the May 25 meeting of the Water Authority Board of Directors, he had nothing more to report

Mr. Boone mentioned that the Water Authority is changing a couple of its committees; terminating the Colorado River and Energy task forces, and creating a more specific San Vicente Energy Storage Task Force. The Water Authority is also terminating its Metropolitan Water District (MWD) Working Task Force, and creating a new MWD Litigation Task Force.

12. MEETINGS AND EVENTS

See staff report attached hereto.

Director Dorey reported on his attendance at the Southern California Colorado River Sub-Committee Task Force in Ontario. He stated that Bill Hasencamp, Colorado River Program Manager at the Metropolitan Water District (MWD), spoke about the projected availability of water from the Colorado River over the next ten years. The Sub-committee discussed a number of other topics, including new border water negotiations and the Salton Sea.

Director Dorey and President Miller reported on their attendance, along with two staff members, at the Vista Historical Society Hall of Fame luncheon in support of the induction of past Board Member Howard Williams to the Hall of Fame.

Director Dorey attended the Council of Water Utilities (COWU) meeting where MWD Chair Randy Record gave a presentation entitled "Metropolitan: Yesterday, Today and Tomorrow". Director Vásquez reported that he also attended the COWU meeting. He commented that Mr. Record's presentation wasn't as forceful as his previous presentations at Association of California Water Agencies (ACWA). Director Dorey added that Mr. Record discussed some of the misinformation about MWD that has been made public. Mr. Vásquez stated Mr. Record's presentation covered a variety of issues, including MWD's water sources and water supply diversification and the drought.

Director MacKenzie reported on her attendance at the California Special Districts Association San Diego Chapter (Chapter) Executive Committee meeting, where the discussion centered on the Chapter's scholarship program. After considering various options, the Committee decided to offer scholarships via both a video contest and an essay contest. She noted that the Chapter has been awarding approximately \$6,000 in scholarships annually.

Director MacKenzie reported on her attendance at the ACWA State Legislative Committee meeting where a number of bills were reviewed. She reported that the Little Hoover Commission would meet the following day (June 22) to discuss potential recommendations regarding governance,

transparency and climate change adaptation. Director MacKenzie stated that the State Water Resources Control Board is hosting meetings at various locations throughout the State to discuss the development of a statewide low-income rate assistance program.

Director Dorey requested authorization to attend the COWU meeting on July 18, 2017 in Poway.

17-06-80 *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 Director Dorey to attend the Council of Water Utilities meeting on July 18, 2017 in Poway.*

13. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

See staff report attached hereto.

Mr. Boone stated that an upcoming agenda item for the Board to consider terminating the Indian Settlement ad hoc committee and to reclassify the Groundwater ad hoc committee to a Standing Committee of the Board was being prepared for the July 5 Board meeting. President Miller, noting that he would be absent from the July 5 Board meeting, appointed Directors Dorey and MacKenzie to the Groundwater Committee, pending its reclassification by the Board on July 5. He added that he would like Director Dorey to serve as the Chair of the Groundwater Committee. Mr. Boone stated that two additional items of note would be on the July 5 agenda: 1) the annual contract for paving services; and, 2) Vista Flume Historical Documentation.

Mr. Boone mentioned several other items for future agendas, including consideration of an agreement with a commercial real estate broker, the District's rate adjustment policy, and an amendment to the Weese treatment plant agreement with the City of Oceanside.

14. COMMENTS BY DIRECTORS

Director Vásquez mentioned seeing retiree Nancy Hickman. He commented on a lawsuit which has been filed to stop the Water Authority's practice of having closed door meetings. Director Vásquez mentioned a recent news article regarding a desalination plant being built in Mexico which will produce water that will be strictly for Mexico's use.

Director MacKenzie asked about the status of the Vista Flume Relocation Project associated with the Shea Homes Limited Partnership project. Mr. Boone stated that the District anticipates that the new flume section will be connected to the old section later in June and that water will begin flowing soon thereafter. She also asked about how the President of Metropolitan Water District Board of Directors is selected. General Counsel Joel Kuperberg responded that, to his recollection, it's by a vote of the membership of the Board, adding that he was unaware of any rotation process.

15. COMMENTS BY GENERAL COUNSEL

Mr. Kuperberg advised that he would be absent from the July 5 Board meeting and that Back-up General Counsel Jeremy Jungreis would be in attendance in his place.

16. COMMENTS BY GENERAL MANAGER

Mr. Boone wished Director Vásquez a happy birthday. He provided an update regarding the signage for the Warner-Carrillo Ranch House. He stated that the Save Our Heritage Organisation (SOHO) has advised staff that it has not yet had time to research the County of San Diego's sign

regulations or to work on a design for the sign, but it will keep the District informed of its progress on the sign project.

Mr. Boone informed the Board that the Director of Finance at Rincon del Diablo Municipal Water District, Tish Berg, announced at the Water Authority's General Manager's meeting that she has accepted a position with the Sweetwater Authority as its General Manager.

Mr. Boone provided an update on the San Pasqual Undergrounding Project. He stated that the City of Escondido (Escondido) is taking the lead on the undergrounding project, and Escondido staff will be requesting authorization from the Escondido City Council to negotiate easements over several parcels that will be needed for the project.

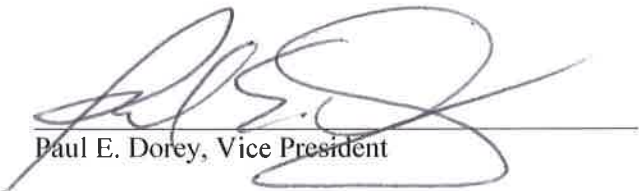
Mr. Boone mentioned that no date has been set yet for the San Luis Rey Indian Water Rights Settlement celebration, but it may be planned for the end of June. He said that he anticipates that the District will be asked for a financial contribution to help pay for the event. Mr. Boone said that he would provide more information as it becomes available.

Mr. Boone stated that Special Council John Carter has been working very hard to identify the foreman deeds affected by the San Luis Rey Indian Water Rights Settlement Implementing Agreement. He commended Board Secretary Lisa Soto for finding a 1915 recording which was very important to the District and the Indian Bands.

Mr. Boone stated that he would not be in attendance at the July 5 and August 2 Board of Directors meetings. He noted that Assistant General Manager Brett Hodgkiss would be present at both meetings.

17. ADJOURNMENT

There being no further business to come before the Board, at 12:04 p.m., President Miller adjourned the meeting.



Paul E. Dorey, Vice President

ATTEST:



Marian Schmidt, Assistant Secretary
Board of Directors
VISTA IRRIGATION DISTRICT



STAFF REPORT

Agenda Item: 6.A

Board Meeting Date:	June 21, 2017
Prepared By:	Phil Zamora
Reviewed By:	Brett Hodgkiss
Approved By:	Eldon Boone

SUBJECT: REVISION TO COMPENSATION SCHEDULE

RECOMMENDATION: Adopt Resolution No. 17-XX approving a revision to the 2017 Compensation Schedule for all employees to facilitate California Public Employees' Retirement System reporting requirements under current state pension law.

PRIOR BOARD ACTION: On October 8, 2014, the Board approved salary, benefits and other terms and conditions of employments covering all employees for calendar years 2015, 2016 and 2017. Since that time the Board has approved, at least annually, a Compensation Schedule for all employees to facilitate California Public Employees' Retirement System (CalPERS) reporting requirements under state pension law. Most recently, the Board adopted revisions to the Compensation Schedule on May 24, 2017.

FISCAL IMPACT: This revision to the 2017 Compensation Schedule will result in a \$63 increase in monthly pension costs.

SUMMARY: CalPERS retirement law requires that the governing body of all public agencies approve a salary schedule and any revisions thereto for all employees in an open public forum.

DETAILED REPORT: The California Code of Regulations (CCR) at Section 570.5 requires public agencies to make duly adopted and approved pay schedules publicly available prior to CalPERS including the compensation as a part of the members retirement benefit. CCR Section 570.5 requires that the employee pay rate be limited to the amount listed on a pay schedule that has been duly approved and adopted by the employer's governing body in accordance with the requirements of applicable public meeting laws.

The attached resolution memorializes Board action taken on June 7, 2017 approving a two percent (2.0%) annual salary increase for the General Manager. There are no other changes to the Compensation Schedule that was approved on May 24, 2017.

ATTACHMENT: Resolution No. 17-XX approving a revision to the Compensation Schedule

RESOLUTION NO. 17-XX

RESOLUTION OF THE BOARD OF DIRECTORS OF
VISTA IRRIGATION DISTRICT
APPROVING A REVISION TO THE COMPENSATION SCHEDULE

WHEREAS, the Vista Irrigation District's negotiation team completed meet and confer labor negotiations for 2015, 2016, and 2017 salaries and benefits as set forth in various Memorandum of Agreement for represented employees and a Resolution for unrepresented employees; and

WHEREAS, the District has previously negotiated and the Board of Directors has previously approved in each of these labor agreements certain adjustments to salary for each of the three years of the contract term; and

WHEREAS, California Code of Regulations (CCR) Section 570.5 requires public agencies to have a pay schedule duly approved and adopted by the employer's governing body in accordance with requirements of applicable public meeting laws in order for CalPERS to consider pay as "compensation earnable" for purposes of calculating a member's retirement benefit.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Vista Irrigation District does hereby acknowledge approving a two percent (2.0%) salary increase for the General Manager at their June 7, 2017 meeting and approves and adopts a revision to the Compensation Schedule to reflect that change as set forth in the attached "Exhibit A", incorporated herein by reference.

BE IT FURTHER RESOLVED that the Board of Directors has authorized execution of documents by the General Manager, Assistant General Manager and Human Resources Manager that may be required to carry out this Resolution.

PASSED AND ADOPTED by the Board of Directors this 21st day of June 2017, by the following roll call vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Marty Miller, President

ATTEST:

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

EXHIBIT A

Vista Irrigation District COMPENSATION SCHEDULE Effective June 7, 2017

Job Title	Range - Monthly	Non-Exempt	Exempt
Accounting Technician	\$5,809 - \$7,061	X	
Accounts Payable Clerk	\$4,358 - \$5,297	X	
Administrative Assistant	\$5,484 - \$6,665	X	
Administrative Secretary	\$4,560 - \$5,543	X	
Administrative Office Assistant	\$4,851 - \$5,896	X	
Construction Worker (<i>New Series</i>)	\$4,358 - \$5,297	X	
Construction Worker (<i>Terminal</i>)	\$4,560 - \$5,543	X	
Customer Service Representative (<i>New Series</i>)	\$4,358 - \$5,297	X	
Customer Service Representative (<i>Terminal</i>)	\$4,560 - \$5,543	X	
Engineering Inspector	\$6,577 - \$7,994	X	
Engineering Office Assistant	\$4,560 - \$5,543	X	
Engineering Specialist II	\$6,577 - \$7,994	X	
Equipment Mechanic	\$5,243 - \$6,373	X	
Equipment Operator	\$5,243 - \$6,373	X	
Executive Assistant/Board Secretary	\$6,577 - \$7,994	X	
Facilities Locator	\$4,851 - \$5,896	X	
Facilities Office Assistant	\$4,560 - \$5,543	X	
Facilities Worker	\$5,243 - \$6,373	X	
Finance Associate	\$6,577 - \$8,428	X	
Financial Analyst	\$6,577 - \$7,994	X	
GIS Specialist	\$6,146 - \$7,471	X	
GIS Systems Associate	\$6,934 - \$8,428	X	
Heavy Equipment Operator	\$5,484 - \$6,665	X	
Human Resources/Safety Secretary	\$4,560 - \$5,543	X	
Human Resources Office Assistant	\$4,851 - \$5,896	X	
	\$6,934 - \$8,428	X	
Information Technology System Administrator (<i>New</i>)	\$6,934 - \$8,428	X	
Information Technology Specialist	\$6,577 - \$7,994	X	
Inventory Control Clerk	\$4,358 - \$5,297	X	
Laborer (<i>New Series</i>)	\$3,952 - \$4,804	X	
Laborer (<i>Terminal</i>)	\$4,358 - \$5,297	X	
Laborer Trainee	\$3,764 - \$4,576	X	
Maintenance Worker	\$4,358 - \$5,297	X	
Management Analyst	\$6,934 - \$8,428	X	
Meter Reader	\$3,764 - \$4,576	X	
Meter Reader Trainee	\$3,585 - \$4,357	X	
Meter Repair Technician	\$4,560 - \$5,543	X	
Purchasing Agent	\$6,146 - \$7,471	X	
Receptionist/Cashier	\$4,358 - \$5,297	X	
Senior Accountant	\$6,934 - \$8,428	X	
Senior Construction Worker	\$6,146 - \$7,471	X	
Senior Customer Service Rep.	\$4,851 - \$5,896	X	
Senior Equipment Mechanic	\$6,146 - \$7,471	X	
Senior Facilities Worker	\$6,146 - \$7,471	X	
System Controls Technician I	\$6,146 - \$7,471	X	
System Controls Technician II	\$6,577 - \$7,994	X	
System Controls Technician III	\$6,934 - \$8,428	X	
System Operator I	\$5,484 - \$6,665	X	
System Operator II	\$5,809 - \$7,061	X	

EXHIBIT A

Vista Irrigation District COMPENSATION SCHEDULE Effective June 7, 2017

Job Title	Range - Monthly	Non-Exempt	Exempt
Water Conservation Specialist I	\$6,146 - \$7,471	X	
Water Conservation Specialist II	\$6,577 - \$7,994	X	
Water Quality Operator I	\$5,484 - \$6,665	X	
Water Quality Operator II	\$5,809 - \$7,061	X	
Water Quality Operator III	\$6,146 - \$7,471	X	
Water Resources Aide	\$4,851 - \$5,896	X	
Water Resources Office Assistant	\$4,560 - \$5,543	X	
Water Resources Specialist	\$6,934 - \$8,428	X	
Welder/Equipment Operator	\$5,809 - \$7,061	X	
Welder Helper	\$5,243 - \$6,373	X	
Welder I	\$5,484 - \$6,665	X	
Welder II	\$5,809 - \$7,061	X	
Assistant General Manager	\$12,359 - \$16,562		X
Construction Supervisor	\$7,298 - \$9,780		X
Customer Service Manager	\$8,735 - \$12,281		X
Customer Service Supervisor	\$5,809 - \$7,785		X
Director of Engineering	\$12,359 - \$16,562		X
Director of Water Resources	\$12,067 - \$16,171		X
Engineering Project Manager	\$9,713 - \$13,016		X
Engineering Services Manager	\$9,164 - \$12,281		X
Facilities Supervisor	\$7,298 - \$9,780		X
Finance Manager	\$9,713 - \$13,016		X
General Manager	\$18,834 - \$18,834		X
Human Resources Manager	\$9,713 - \$13,016		X
Information Technology Supervisor	\$7,298 - \$9,780		X
Operations and Field Services Manager	\$10,163 - \$13,620		X
Safety/Risk Manager	\$8,735 - \$11,706		X
System Controls Supervisor	\$7,298 - \$9,780		X
Water Distribution Supervisor	\$7,298 - \$9,780		X
Water Resources Manager	\$9,164 - \$12,281		X
Water Resources Engineer	\$8,317 - \$11,145		X
Water Resources Supervisor	\$5,809 - \$7,785		X
Board of Director (per meeting)	\$200 - \$200		



STAFF REPORT

Agenda Item: 6.B

Board Meeting Date:	June 21, 2017
Prepared By:	Al Ducusin
Reviewed By:	Brian Smith
Approved By:	Eldon Boone

SUBJECT: WATERLINE PROJECT APPROVAL AND TRACT MAP

RECOMMENDATION: Approve this waterline project, accept Grant of Right of Way (P81), and Joint Use Agreement via County of San Diego Tract No. 5479-1, and direct staff to file the Notice of Exemption over a proposed 19-lot single-family development, also known as Stonemark Estates, consisting of approximately 25.77 gross acres owned by PAS Investors L.P., a California Limited Partnership, located at Buena Vista Drive, Vista (LN 2015-029; APN 169-200-20; DIV NO 4).

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: On May 26, 2017, the District's Engineer signed the improvement plans for this waterline project. The approval of this water system will allow the General Manager to sign the construction contract when the owner returns it and will allow the owner to continue with the development of the project.

The acceptance of Grant of Right of Way (P81) will allow the owner to install the waterline in a dedicated water easement that is also being encumbered by a private road and utility easement. The acceptance of Joint Use Agreement defines the District's rights within the public right of way of Buena Vista Drive.

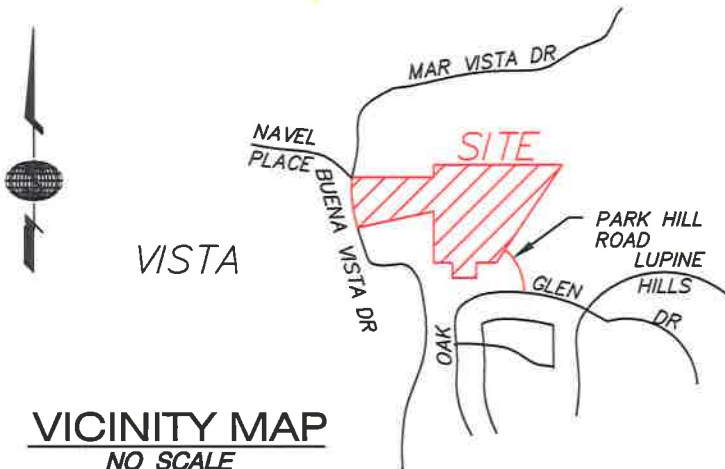
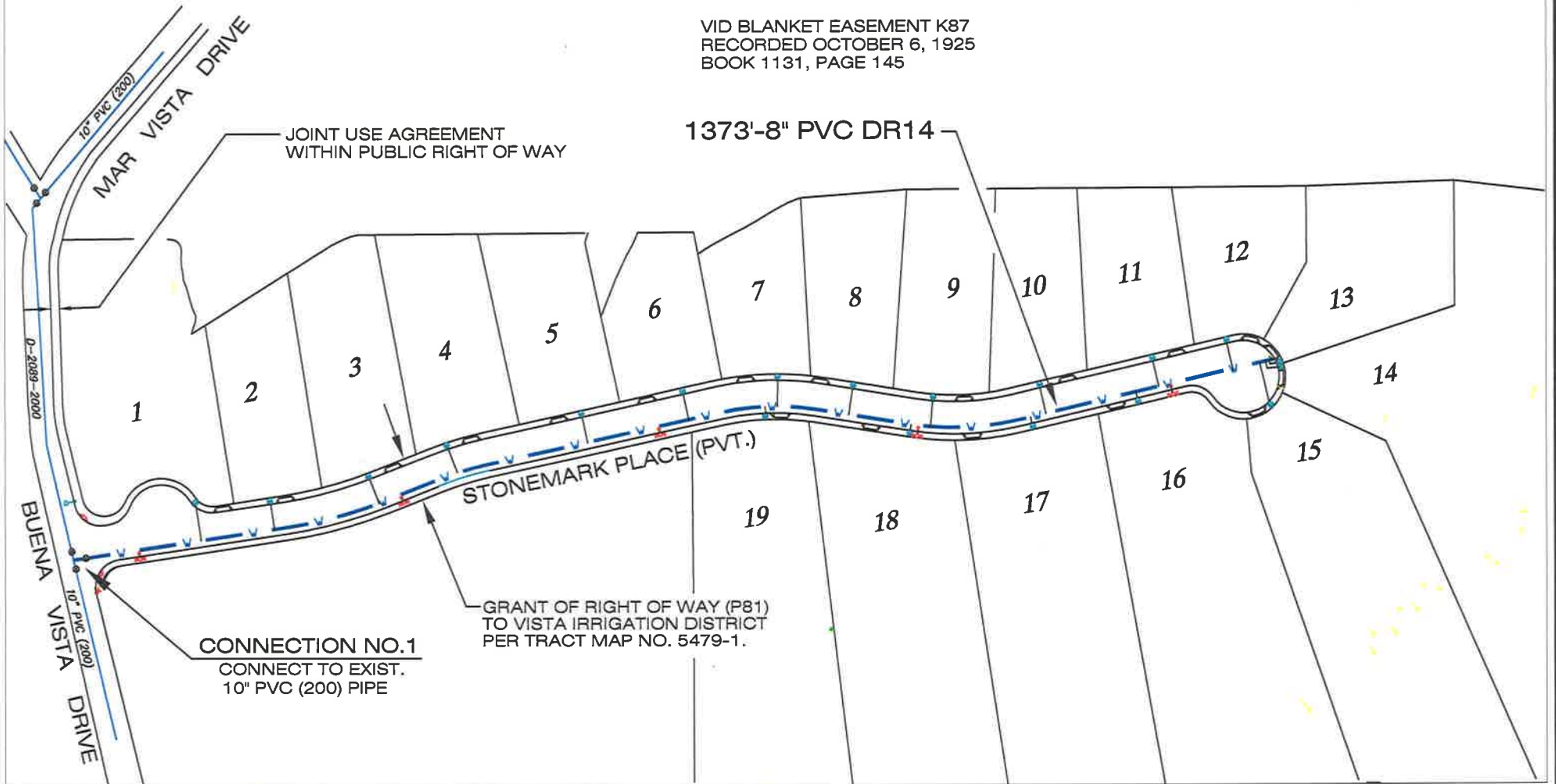
DETAILED REPORT: Under District inspection, the owner's contractor will install approximately 1,373 feet of 8" waterline, 19 - 1" domestic water services, one 1 1/2" irrigation water service, and five standard 6" fire hydrants.

The District currently has Blanket Easement (BK87) encumbering this property. Per Tract No. 5479-1, PAS Investors has offered to dedicate a specific water easement over Stonemark Place (private road) that is also being dedicated as an easement for private road and utility purposes.

The County has required a Joint Use Agreement on Tract No. 5479-1. District legal counsel has reviewed the language of the agreement and concurs that the agreement with the County is acceptable and protects the rights of the District within Buena Vista Drive.

ATTACHMENT: Map

VID BLANKET EASEMENT K87
 RECORDED OCTOBER 6, 1925
 BOOK 1131, PAGE 145



OWNER:
 PAS INVESTORS, LP
 5505 CANCHA DE GOLF
 RANCHO SANTA FE, CA 92091
 PH (858) 779-9095

ENGINEER:
 BHA INC.
 5115 AVENIDA ENCINAS
 SUITE L
 CARLSBAD, CA. 92008
 CONTACT: RON HOLLOWAY
 PH (760) 931-8700

VISTA IRRIGATION DISTRICT

STONEMARK ESTATES
 COUNTY OF SAN DIEGO TM 5479-1

APN	169-200-20	T.B.	1107-G3
SCALE	NO SCALE	L.N.	2015-029
APPD. BY	<i>Jo</i>	DATE	<i>6/3/17</i>
DRAWN BY	<i>J.V.</i>	DATE	<i>6/2/17</i>
SHEET	1 OF 1	MAP	E18
REVISED A.D. 06/08/17			
PATH Z:\ENGINEERING\JOBS\LN2015-029.DWG			



STAFF REPORT

Agenda Item: 6.C

Board Meeting Date:	June 21, 2017
Prepared By:	Al Ducusin
Reviewed By:	Brian Smith
Approved By:	Eldon Boone

SUBJECT: ASSIGNMENT OF WATER RIGHTS AND IMPORTED WATER ENTITLEMENT

RECOMMENDATION: Approve the Assignment of Water Rights and Imported Water Entitlement over a vacant single-family parcel consisting of approximately 1.18 gross acres owned by Carole Ann Roos Haller Living Trust located at Camino De Las Lomas, Vista, also known as the Carole Haller Reorganization and direct staff to record the documents with the County Recorder (LN 2016-014; APN 178-210-18; CF 500-367; LAFCO RO16-18; DIV NO 5).

PRIOR BOARD ACTION: On January 4, 2017, the Board approved in concept, the annexation of APN 178-210-18. On March 15, 2017, the Board adopted Resolution No. 17-10 setting the terms and conditions of annexation for the Carole Haller Reorganization.

FISCAL IMPACT: None.

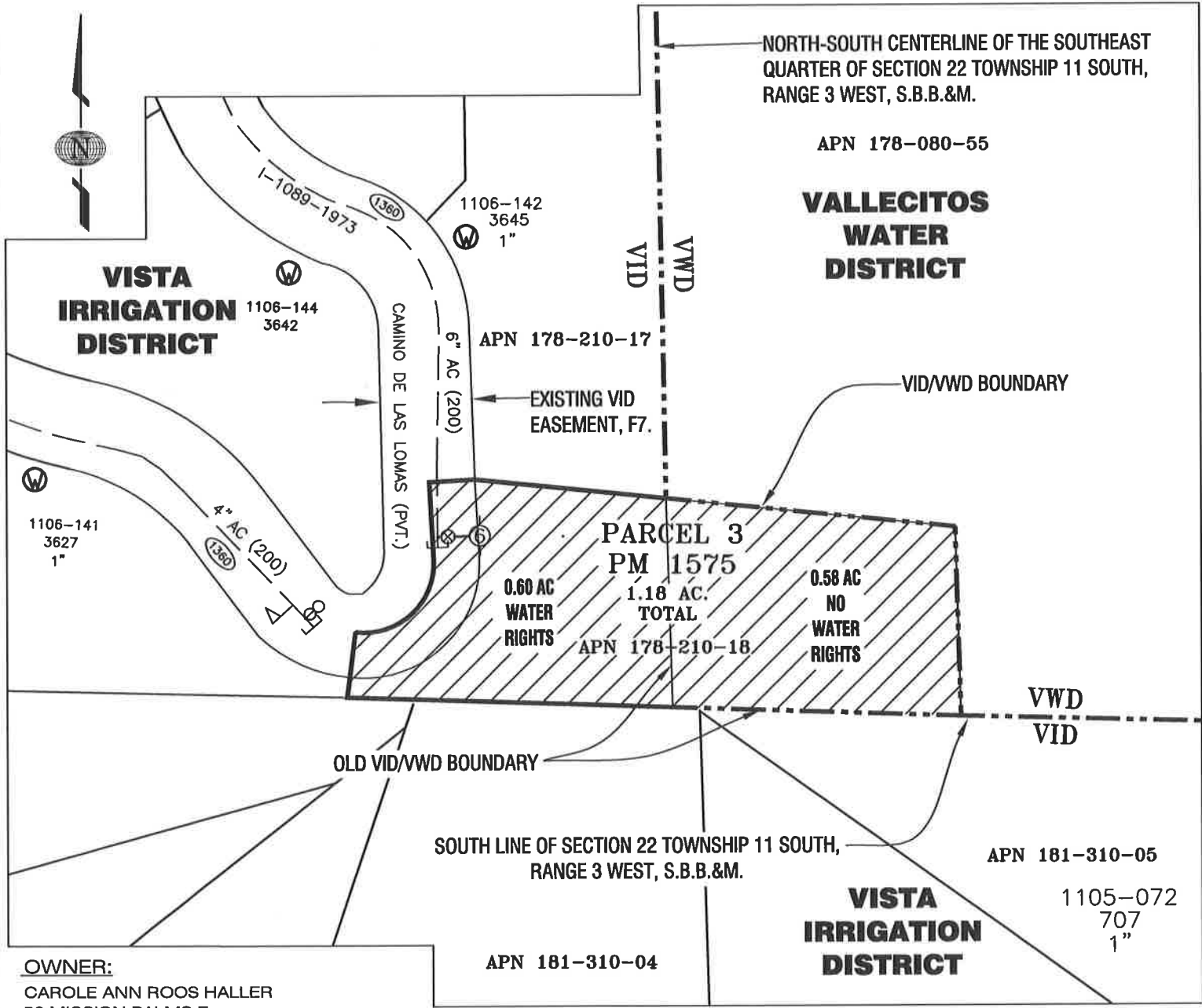
SUMMARY: As a condition of final annexation, the owner is required to execute the Assignment of Water Rights and Imported Water Entitlement documents. On May 24, 2017, the owner signed both documents and fulfilled their annexation requirements with Vista Irrigation District (VID). The approval of these documents will allow the owner to apply for water service for APN 178-210-18.

DETAILED REPORT: The owner, Carole Ann Roos Haller, initiated a reorganization application with San Diego Local Agency Formation Commission (LAFCO) for annexation to VID to obtain water services with a concurrent detachment from Vallecitos Water District (VWD).

Both VID and VWD concurred that the portion currently in VWD be annexed to VID for water service because the property is in an area where VWD has no facilities, is adjacent to VID water mains and is partially within VID service area.

On May 1, 2017, LAFCO approved the Carole Haller Reorganization and will be finalizing a Certificate of Completion. Once VID receives LAFCO's recorded documents, staff will schedule the final annexation for approval at a subsequent Board meeting.

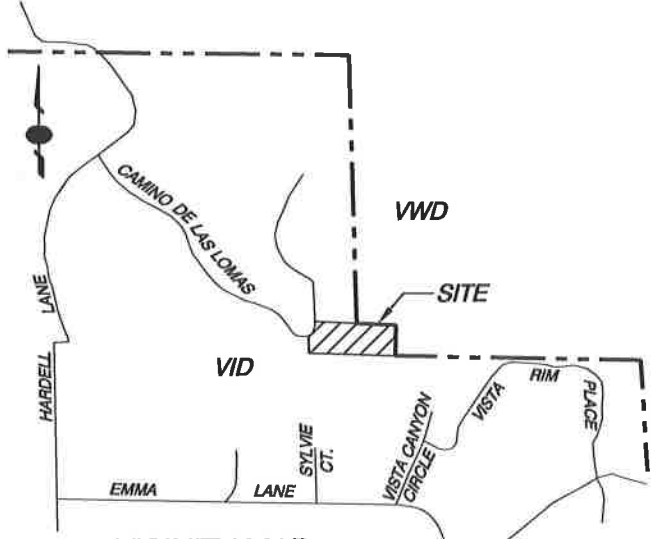
ATTACHMENTS: Maps



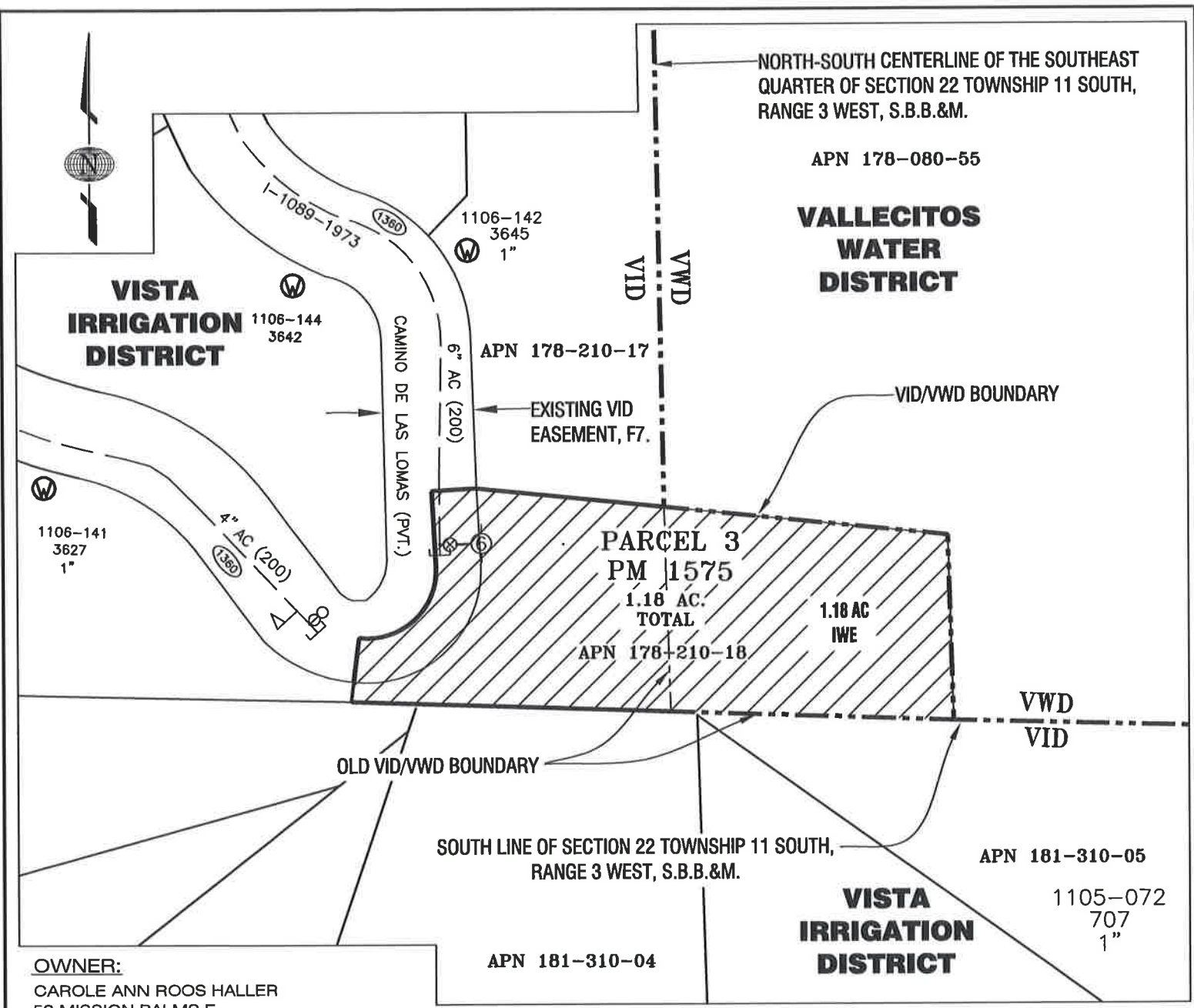
OWNER:
 CAROLE ANN ROOS HALLER
 52 MISSION PALMS E.
 RANCHO MIRAGE, CA 92270
 CONTACT: ROBERT MCKINLEY (760) 429-0645

LEGEND

 ASSIGNMENT OF WATER RIGHTS

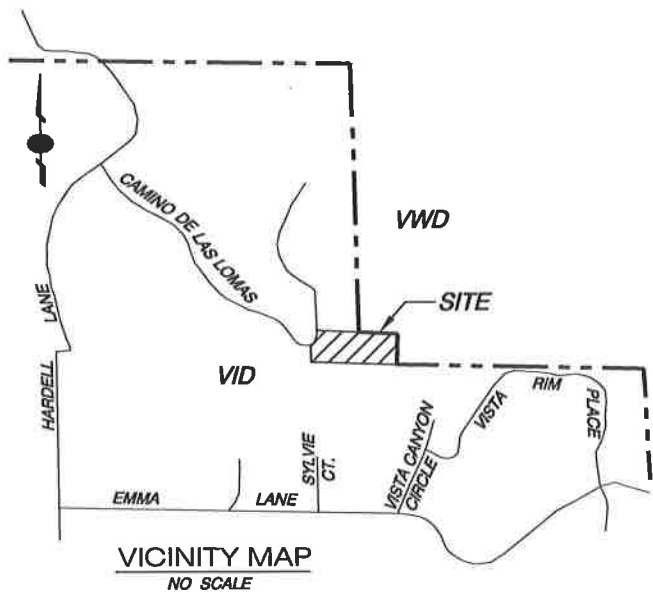


VISTA IRRIGATION DISTRICT		
ASSIGNMENT OF WATER RIGHTS		
APN 178-210-18	T.B. 1088-F7	
SCALE NOT TO SCALE	L.N. 2016-014	
APPD. BY <i>MS</i>	DATE 4/21/17	C.F.
DRAWN BY M.S.	DATE 5/12/17	500-367
SHEET 1 OF 1	MAP L14	
REVISED		
PATH Z:\Engineering\JOBS_LN\JOBS\LN2016-014\CAD DRAWINGS		



OWNER:
 CAROLE ANN ROOS HALLER
 52 MISSION PALMS E.
 RANCHO MIRAGE, CA 92270
 CONTACT: ROBERT MCKINLEY (760) 429-0645

LEGEND



VISTA IRRIGATION DISTRICT IMPORTED WATER ENTITLEMENT		
APN	178-210-18	T.B. 1088-F7
SCALE	NOT TO SCALE	L.N. 2016-014
APPD. BY	<i>for</i>	DATE <i>4/2/17</i> C.F.
DRAWN BY	<i>M.S.</i>	DATE <i>5/12/17</i>
SHEET	1 OF 1	MAP L14 500-367
REVISED		
PATH Z:\Engineering\JOBS_LN JOBS\LN2016-014\CAD DRAWNGS		



Cash Disbursement Report

Payment Dates 05/25/2017 - 06/07/2017

Payment Number	Payment Date	Vendor	Description	Amount
56229-56235	05/31/2017	Refund Checks 56229-56234	Customer Refunds	2,559.26
56235	05/31/2017	ABABA Bolt	Carbide Hole Saw	60.39
56236	05/31/2017	Ironwood Plumbing	Installation of Waterless Urinals	850.00
56237	05/31/2017	Adco Underground Services	Potholing Services	1,035.00
56238	05/31/2017	Advanced Chemical Transport Inc	Universal Waste Disposal	32.50
56239	05/31/2017	Aquajet Art	ERT Meter Brackets (400)	1,293.00
56240	05/31/2017	B&K Engraving	2017 Landscape Contest Winner Plaque	44.54
56241	05/31/2017	BHA Inc	Surveying - Pechstein Reservoir 04/2017	3,100.00
	05/31/2017		Surveying - Pechstein/Reimbursable Expenses 04/17	100.80
56242	05/31/2017	Big Apple Bagels	Bagels - Summer Safety Presentation	53.37
56243	05/31/2017	Brian Willis	Reimbursement for Damage	49.23
56244	05/31/2017	CDW Government Inc	24" Monitor	276.09
56245	05/31/2017	Cecilia's Safety Service Inc	Traffic Control - Lobelia Dr/Robelini Dr	5,525.00
	05/31/2017		Traffic Control - Manzanita Court	935.00
	05/31/2017		Traffic Control - Brass Lane	75.00
	05/31/2017		Traffic Control - N Santa Fe Ave	950.00
	05/31/2017		Traffic Control - N Citrus Ave	1,165.00
56246	05/31/2017	Crest Investment Group Inc	Refund Meter Deposit	236.30
56247	05/31/2017	Department of Forestry & Fire Protection	Weed Abatement & Brush Removal	914.48
56248	05/31/2017	Diamond Environmental Services	Portable Restroom Service	98.06
	05/31/2017		Portable Restroom Service	86.21
56249	05/31/2017	Direct Energy	Electric 04/2017 - VID	207.62
	05/31/2017		Electric 04/2017 - Henshaw Well Field	2,050.85
	05/31/2017		Electric 04/2017 - T & D / Cathodic Protection	45.22
	05/31/2017		Electric 04/2017 - Reservoirs	27.63
	05/31/2017		Electric 04/2017 - Pump Stations	802.85
	05/31/2017		Electric 04/2017 - Treatment Plants	26.15
56250	05/31/2017	DIRECTV	Direct TV Service	78.99
56251	05/31/2017	El Camino Rental	Concrete	200.26
56252	05/31/2017	Electrical Sales Inc	Telephone Cabinet	109.58

Payment Number	Payment Date	Vendor	Description	Amount
56253	05/31/2017	Endicott Comm., Inc - CV	Answering Service	297.89
56254	05/31/2017	Ferguson Waterworks	DFW Meter Box Small (52)	4,109.17
	05/31/2017		DFW Meter Box Lid 3.5 (52)	2,139.02
	05/31/2017		DFW Meter Box Lid Small (52)	2,983.37
	05/31/2017		DFW Meter Box Lid Small (4)	229.49
	05/31/2017		Service Saddle 8x2 C900 PVC (1)	125.93
	05/31/2017		DFW Meter Box Small (4)	316.09
	05/31/2017		Cover 12" Valve Box Cast Iron (2)	129.90
	05/31/2017		Tee 10x8 Cast Iron POxFL (1)	269.80
	05/31/2017		Adapter 2" Copper x MIP (4)	50.57
	05/31/2017		Gate Valve 4" POxFL R/W C900 (1)	498.50
	05/31/2017		Curb Stop 2" (2)	486.50
	05/31/2017		Zinc Anode bag 30lb (4)	471.97
	05/31/2017		Pipe 12" PVC DR-14 C900 (20)	401.39
	05/31/2017		Curb Stop 1" Flare (5)	453.95
	05/31/2017		Service Saddle 4x1 C900 PVC (1)	76.86
	05/31/2017		Pipe 4" PVC DR-14 C900 (160)	446.86
	05/31/2017		Pipe 8" PVC DR-14 C900 (260)	2,426.10
	05/31/2017		Ell 2" Brass 90 Degree St. (2)	54.82
	05/31/2017		Corp Stop 2" (2)	358.29
	05/31/2017		Wire 10 Copper (500)	105.54
	05/31/2017		Service Saddle 4x2 C900 PVC (1)	92.01
	05/31/2017		Tubing 1" Copper Soft (200)	792.39
	05/31/2017		Cover 8" Valve Cast Iron Water (2)	49.80
	05/31/2017		Corp Stop 1" Flare (5)	240.15
	05/31/2017		Coupling 8" Repair Macro (6)	1,552.31
	05/31/2017		Tubing 2" Copper Soft (20)	245.08
	05/31/2017		Sleeve 12" Galvanized Top Sections (2)	36.81
	05/31/2017		PVC Caps (2)	12.99
56255	05/31/2017	Coast Fitness Repair Shop	Maintenance of Fitness Facilities	200.00
56256	05/31/2017	Geib Lumber Company	16' Deck Boards (2) - T23	203.99
56257	05/31/2017	Glennie's Office Products Inc	Office Supplies	101.46
	05/31/2017		Office Supplies	12.08

Payment Number	Payment Date	Vendor	Description	Amount
56258	05/31/2017	Grainger	Faucet & Seal	250.09
	05/31/2017		Battery Chargers (2)	225.08
	05/31/2017		Packing Seal	(32.01)
	05/31/2017		Packing Seal	9.16
56259	05/31/2017	HD Supply Waterworks	Pipe Restraint	173.30
	05/31/2017		Angles & Restrainers	1,111.62
	05/31/2017		Caps (2)	95.07
	05/31/2017		Galvanized Sleeves (100)	779.40
	05/31/2017		Pipe Restraint	21.18
56260	05/31/2017	Hidden Valley Pump Sys Inc	Cleaning of Well 29A	32,233.62
56261	05/31/2017	Infrastructure Engineering Corporation	Beehive Rehab Study	907.50
56262	05/31/2017	Jo MacKenzie	Reimbursement/ACWA Spring Conference	958.96
	05/31/2017		Reimbursement/California Special District Legislative Days	822.34
56263	05/31/2017	Joe's Paving	Paving - Various Locations	2,634.15
	05/31/2017		Paving - Various Locations	3,831.15
	05/31/2017		Paving - Mimosa Ave	13,391.93
	05/31/2017		Paving - Various Locations	5,267.55
56264	05/31/2017	Lighthouse Inc	Trailer Plug Adapters	24.01
56265	05/31/2017	Major League Pest/Gemini Pest Control	Bee Removal (6)	510.00
56266	05/31/2017	Michael Bagshaw	Reimbursement - Paint for Meter Services	269.99
56267	05/31/2017	Moodys	Dump Fee	400.00
56268	05/31/2017	NAPA Auto Parts	Gladhands - Truck 51	16.21
	05/31/2017		Ignition Switch, Oil Filter, Headlamp	37.82
56269	05/31/2017	North County Auto Parts	Filters, Seal, Switch	69.98
	05/31/2017		Spark plugs and filter	45.80
	05/31/2017		6 Qts Oil, Brakes	86.98
	05/31/2017		2-Cycle Oil (24) - Shop	46.50
	05/31/2017		Oil	107.82
	05/31/2017		Oil	163.42
	05/31/2017		Filters (4)	28.72
56270	05/31/2017	North County Industrial Park	Association Fees - 1391 Engineer St	879.30
56271	05/31/2017		Association Fees - Pipeline Dr	256.40
56272	05/31/2017	One Source Distributors	Pump Repair	174.58
56273	05/31/2017	PHED Corp	Pump Control Valve Disc Retainers (5)	3,472.00
56274	05/31/2017	Red Truck Fire & Safety Co	Annual Inspection Service Henshaw	439.79

Payment Number	Payment Date	Vendor	Description	Amount
56275	05/31/2017	San Diego Gas & Electric	Electric 05/2017 - Warner Ranch House	33.78
	05/31/2017		Electric 04/2017 - Cathodic Protection & T&D	203.30
	05/31/2017		Electric 04/2017 - Reservoirs	125.07
	05/31/2017		Electric 04/2017 - Pump Stations	5,461.47
	05/31/2017		Electric 04/2017 - Plants	89.02
56276	05/31/2017	Southern Counties Lubricants, LLC	Fuel 05/01/17 - 05/15/17	6,042.19
56277	05/31/2017	Midas Service Experts	Tire, Mounting & Alignment - Truck 47	234.01
56278	05/31/2017	VG Donuts & Bakery Inc	Board Meeting 05/24/17	29.65
56279	05/31/2017	Vista Firestone Brake & Smog	Tires & Mounting (2) - T16	170.43
	05/31/2017		Tires & Mounting (2) - L3	182.81
56280	05/31/2017	Volt	Temporary Service PE 05/07/2017	437.52
	05/31/2017		Temporary Service PE 05/14/2017	437.52
56281	06/07/2017	Ironwood Plumbing	Meter Tie Back	1,010.00
56282	06/07/2017	Air Resources Board	Asphalt Cold Planer Registration	300.00
56283	06/07/2017	AT&T	Internet Service 5/19/17 - 6/18/17	1,076.10
	06/07/2017		Web Security 05/2017	66.00
56284	06/07/2017		CALNET3 04/13/14-05/12/17	980.09
56285	06/07/2017	Bekker's Catering	Employee Event 06/20/17 - Deposit	1,153.68
56286	06/07/2017	Brent Reyes	Tuition Reimbursement 06/2017	204.99
56287	06/07/2017	Cecilia's Safety Service Inc	Traffic Control - Eucalyptus Ave	4,855.00
	06/07/2017		Traffic Control - Lobelia Dr/Robelini Dr	7,380.00
	06/07/2017		Traffic Control - Buena Creek Rd	340.00
	06/07/2017		Traffic Control - Bluegrass Road	1,360.00
	06/07/2017		Traffic Control - Monte Mar Rd	1,190.00
	06/07/2017		Traffic Control - Camino Mateo	1,360.00
	06/07/2017		Traffic Control - Citrus Ave	225.00
56288	06/07/2017	City Of Escondido	Escondido Water Treatment Plant 03/2017-04/2017	1,600.00
56289	06/07/2017	Coast Equipment Rentals	Bulldozer Rental	7,840.00
56290	06/07/2017	Coastal Chlorination & Backflow	Chlorination of Water Main	384.00
56291	06/07/2017	Craneworks Southwest Inc	Crane Holding Valve - Truck 7	1,114.49
56292	06/07/2017	Department of Forestry & Fire Protection	Brush Clearing @ Spillway	457.24
56293	06/07/2017	Diamond Environmental Services	Portable Restroom Service	89.71
56294	06/07/2017	El Camino Rental	Concrete	184.02
	06/07/2017		Equipment Rental - Bobcat Skid Steer	236.17
	06/07/2017		Equipment Rental - Bobcat Skid Steer	472.33

Payment Number	Payment Date	Vendor	Description	Amount
	06/07/2017		Equipment Rental - Dump Truck	188.60
	06/07/2017		Equipment Rental - Dump Truck	377.20
56295	06/07/2017	Ferguson Waterworks	Meter 2" electronic read (50)	23,808.51
	06/07/2017		Meter 1.5" electronic read (70)	26,273.47
	06/07/2017		Meter 3/4" x 1" electronic read (250)	36,412.59
	06/07/2017		Meter 1" electronic read (100)	19,607.32
	06/07/2017		Meter 5/8" x 3/4" electronic read (30)	4,033.40
	06/07/2017		Coupling Meter .75" x 3" (3)	58.46
	06/07/2017		Service Saddle 12x2 C900 PVC (5)	914.71
	06/07/2017		Service Saddle 6x1 C900 PVC (25)	2,327.38
	06/07/2017		Service Saddle 8x1 C900 PVC (4)	471.97
	06/07/2017		Coupling 1x1 Female Flare x Compression (25)	514.19
	06/07/2017		Service Saddle 6x1 Brass AC (1)	99.25
	06/07/2017		Service Saddle 4x1 C900 PVC (8)	614.86
	06/07/2017		Ball Valve .75" (25)	1,087.91
	06/07/2017		Ball Valve 1" Brass Lockwing (150)	12,273.93
	06/07/2017		Service Saddle 6x2 C900 PVC (2)	223.00
56296	06/07/2017	Flyers Energy, LLC	Fuel	55.36
56297	06/07/2017	Glennie's Office Products Inc	Office Supplies	32.75
56298	06/07/2017	Grainger	Dechlor Basket - Plant 9	76.28
56299	06/07/2017	Hach Company	Water Quality Analyzer Maintenance Kits	2,242.88
56300	06/07/2017	Hardy Diagnostics	Lab Supplies	130.49
56301	06/07/2017	Hawthorne Machinery Co	Cotter Pins (10)	73.16
56302	06/07/2017	HD Supply Waterworks	Air Vent 2" Cast Iron Auto (10)	3,959.67
	06/07/2017		Air Vent 1" Cast Iron Auto (15)	2,520.87
56303	06/07/2017	Hidden Valley Pump Sys Inc	Well 29A Post Cleaning Video	1,000.00
56304	06/07/2017	Home Depot Credit Services	Paint, Wrecking Bar, Valve Handles	60.84
	06/07/2017		Drill Bits	30.33
	06/07/2017		Building Maintenance Supplies	17.69
	06/07/2017		Filter	37.89
	06/07/2017		Pitch Fork	75.36
	06/07/2017		Conduit Parts	158.86
	06/07/2017		Chlorine	29.69
	06/07/2017		Regulator Maintenance Supplies	63.62
	06/07/2017		Regulator Maintenance Supplies	54.38
	06/07/2017		Water Quality Drain Fittings	58.56

Payment Number	Payment Date	Vendor	Description	Amount
56305	06/07/2017	InfoSend Inc	Mailing Service 04/2017	5,041.31
	06/07/2017		Data Processing 04/2017	2,078.23
	06/07/2017		Support & Storage 04/2017	1,141.80
	06/07/2017		Update New Account Letter Processing & Mailing	2,469.21
56306	06/07/2017	Jackson & Blanc	Replaced HVAC Valves (5)	4,501.00
56307	06/07/2017	Joe's Paving	Paving - Various Locations	2,856.45
	06/07/2017		Emergency Paving - Mar Vista Dr. & S. Santa Fe	33,000.00
56308	06/07/2017	Lawnmowers Plus Inc	Weed Whip Line	65.70
56309	06/07/2017	Major League Pest/Gemini Pest Control	Bee Removal (6)	510.00
56310	06/07/2017	Mallory Safety and Supply, LLC	Respirator Masks	102.84
	06/07/2017		Safety Supplies - Contact Solution, Skin Cleanser	231.21
56311	06/07/2017	Moodys	Dump Fee	200.00
	06/07/2017		Dump Fees (3)	600.00
	06/07/2017		Dump Fees (2)	400.00
56312	06/07/2017	North County Auto Parts	Coolant, Oil and Fuel Filters	133.80
	06/07/2017		Oil - Truck 32	26.89
56313	06/07/2017	O'Reilly Auto Parts	Floor Mats, Air Fresheners	68.68
	06/07/2017		Cup Holder - Truck 3	19.34
	06/07/2017		Air Fresheners, Steering Wheel Cover	42.16
56314	06/07/2017	Pacific Pipeline Supply	Brass Handwheel (25)	310.25
	06/07/2017		Bolts, Nuts, Gaskets - Warehouse	3,010.97
	06/07/2017		Coupling 6" Deflection C900 (15)	384.50
	06/07/2017		Coupling 6" Repair PVC C900 (20)	583.03
	06/07/2017		Coupling 4" Repair PVC C900 (15)	296.33
	06/07/2017		Coupling 8" Deflection C900 (25)	1,402.93
	06/07/2017		Coupling 8" Repair PVC C900 (16)	1,093.24
	06/07/2017		Coupling 4" Deflection C900 (6)	104.83
	06/07/2017		Coupling 8" Repair PVC C900 (4)	273.31
	06/07/2017		Reducer, Ells	188.83
56315	06/07/2017	Parkhouse Tire Inc	Tire, Mounting & Road Call - B6	781.25
	06/07/2017		Tires, Mounting & Road Call - Truck 48	734.66
56316	06/07/2017	Benetrac	Employee Benefits Tracking 06/2017	400.00
56317	06/07/2017	Powerland Equipment, Inc	Mower Blades	12.33
56318	06/07/2017	Protel Communications, Inc	Hardware Maintenance for Mitel Phone System	1,166.00
56319	06/07/2017	Raymond Handling Solutions Inc	Electric Forklift Service - F3	98.00
56320	06/07/2017	RC Auto & Smog	Crankshaft Oil Seal Replace - Car 9	189.65

Payment Number	Payment Date	Vendor	Description	Amount
56321	06/07/2017	Rincon del Diablo MWD	MD Reservoir Water Service 05/2017	42.73
56322	06/07/2017	Rutan & Tucker LLP	Legal 04/2017	7,604.88
	06/07/2017		Legal 04/2017	663.00
	06/07/2017		Legal 04/2017	6,501.28
	06/07/2017		Legal 04/2017	153.00
	06/07/2017		Legal 04/2017	868.70
56323	06/07/2017	S & J Supply Company Inc	Air Vent Enclosure (10)	3,243.71
56324	06/07/2017	San Diego Gas & Electric	Electric 05/2017 - Well Field	11,714.59
56325	06/07/2017	San Luis Rey Indian Water Authority	SLR Settlement Payment	4,396,231.85
56326	06/07/2017	Shannon Anzelon	Tuition Reimbursement 06/2017	200.00
56327	06/07/2017	Shred-it USA LLC	Shredding Service	96.51
56328	06/07/2017	SiteOne Landscape Supply, LLC	White Seal Extra Heavy Duty Teflon	288.44
56329	06/07/2017	Southern Counties Lubricants, LLC	Engine Oil (65 Gallons) - Shop	817.18
	06/07/2017		Grease (20)	87.68
56330	06/07/2017	Spok, Inc	Pager Service	52.79
56331	06/07/2017	Sunrise Materials Inc	Gravel Bags	1,702.77
	06/07/2017		Lath Strips	2,072.99
	06/07/2017		Concrete Hardener	181.86
	06/07/2017		Concrete 90lb bag	882.70
	06/07/2017		Pavers (480)	1,087.45
	06/07/2017		Sand	240.32
	06/07/2017		Waddle, Stakes	61.70
	06/07/2017		Concrete Hardener	45.47
56332	06/07/2017	The UPS Store 0971	Shipping 05/2017	78.99
56333	06/07/2017	The Vista Historical Society	Vista Hall of Fame Induction Luncheon - M Miller	35.00
	06/07/2017		Vista Hall of Fame Induction Luncheon - P Dorey	35.00
	06/07/2017		Vista Hall of Fame Induction Luncheon - E Boone	35.00
	06/07/2017		Vista Hall of Fame Induction Luncheon - B Hodgkiss	35.00
56334	06/07/2017	Midas Service Experts	Weld Exhaust - Car 50	125.00
	06/07/2017		Tire & Alignment - Truck 20	212.62
56335	06/07/2017	TS Industrial Supply	Cut-off Wheel	268.07
56336	06/07/2017	UniFirst Corporation	Uniform Service	373.82
	06/07/2017		Uniform Service	344.59
56337	06/07/2017	Verizon Wireless	Air Cards	76.02
	06/07/2017		Cell Phone Service	1,323.60
	06/07/2017		SCADA Remote Access	240.47

Payment Number	Payment Date	Vendor	Description	Amount
56338	06/07/2017	Vista Fence Company Inc	Repair Parts for Fence	20.00
56339	06/07/2017	Vista Lock & Safe Co	Key Copies - AZ1	18.01
56340	06/07/2017	Vulcan Materials Company and Affiliates	Cold Mix	1,963.69
Grand Total:				4,804,505.10



STAFF REPORT

Agenda Item: 7

Board Meeting Date: June 21, 2017
Prepared By: Sherry Thorpe
Reviewed By: Brett Hodgkiss
Approved By: Eldon Boone

SUBJECT: SAFETY AWARDS PROGRAM

RECOMMENDATION: Receive information regarding the safety awards program and recognize the employees that received awards.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: The semi-annual H. R. LaBounty Safety Awards sponsored by the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA) were presented at the 2017 Spring Conference in Monterey. Vista Irrigation District employees received three awards for their efforts in promoting safety at the District and protecting District assets.

DETAILED REPORT: The purpose of the H. R. LaBounty Safety Awards Program is to offer ACWA JPIA members an opportunity to promote safe work behavior and reward employees whose actions have contributed toward reducing the potential for liability, property or workers' compensation losses. Additionally, the actions and ideas identified through the nomination process provide valuable lessons and examples that other agencies can benefit from. The District submitted three nominations for consideration by the ACWA JPIA, all of which were recognized and awarded. Below are the names of the employees that were recognized, and the award winning ideas they developed and implemented.

Chris Weatherwax (System Controls Technician I) and Jason Patterson (System Controls Technician II)

The District relies upon a key fob based security system to keep its facilities secure. When the hardware and software for the system needed to be upgraded, Chris Weatherwax and Jason Patterson added new features that standardized the system and enhanced its capabilities. Chris and Jason worked with the District's Supervisory Control and Data Acquisition (SCADA) integrator to revise the software and improve system functionality. Before the upgrade, the system was only capable of providing a generic notification that an authorized entrant was onsite when a fob was used. The system is now more intuitive and can identify, via a SCADA graphical interface, which employee is at the facility. Chris and Jason also enhanced the field side of the system by adding an audible function to the alarm and installing multiple fob readers at locations with more than one access point.

Steve Tester (Mechanic)

Steve Tester entered the tank of the District's water truck, lowering himself through the top opening, to troubleshoot a low water pressure complaint. After completing his inspection, he began to exit the tank and realized that if a small child were to gain entry into the tank, he/she may not be able to get out. Steve was concerned because the District routinely stages equipment, including water trucks, in locations close to the job sites which are usually located in residential areas where children are present. With these concerns in mind he worked with a District welder to create a grate that would prevent anyone, particularly children, from entering the opening and getting trapped in the tank. Steve contacted the previous owner of the water truck, who has a large fleet of water trucks used as rentals, to make them aware of what he had discovered and share his concerns.

ATTACHMENTS: Photographs of the security system upgrade
Photographs of the water truck tank grate

Security System Upgrades



6.0 CFS
38 %
levelFlow

In Position

752 PSI Limit 565 PSI Limit

12" Valve Mode Control

Off
 Bypass
 Position 25.00
 Pressure 40.00
 Flow 5.00
 Level/Flow 9.00 Setpts

A B C D

752 PSI Limit 565 PSI Limit

9.1 CFS
29 %
levelFlow

In Position

565
38 PSI

SLR Reservoir
7.20

Panel °F 0.0

Control From
 E1 SLR Both

Priority: E32
 SLR Online
 E1 Online

PollTime 4s

Intrusion Alarms
 Site Power Normal Enabled
 Vault Flooded OK Enabled
 Intrusion Secure Enabled

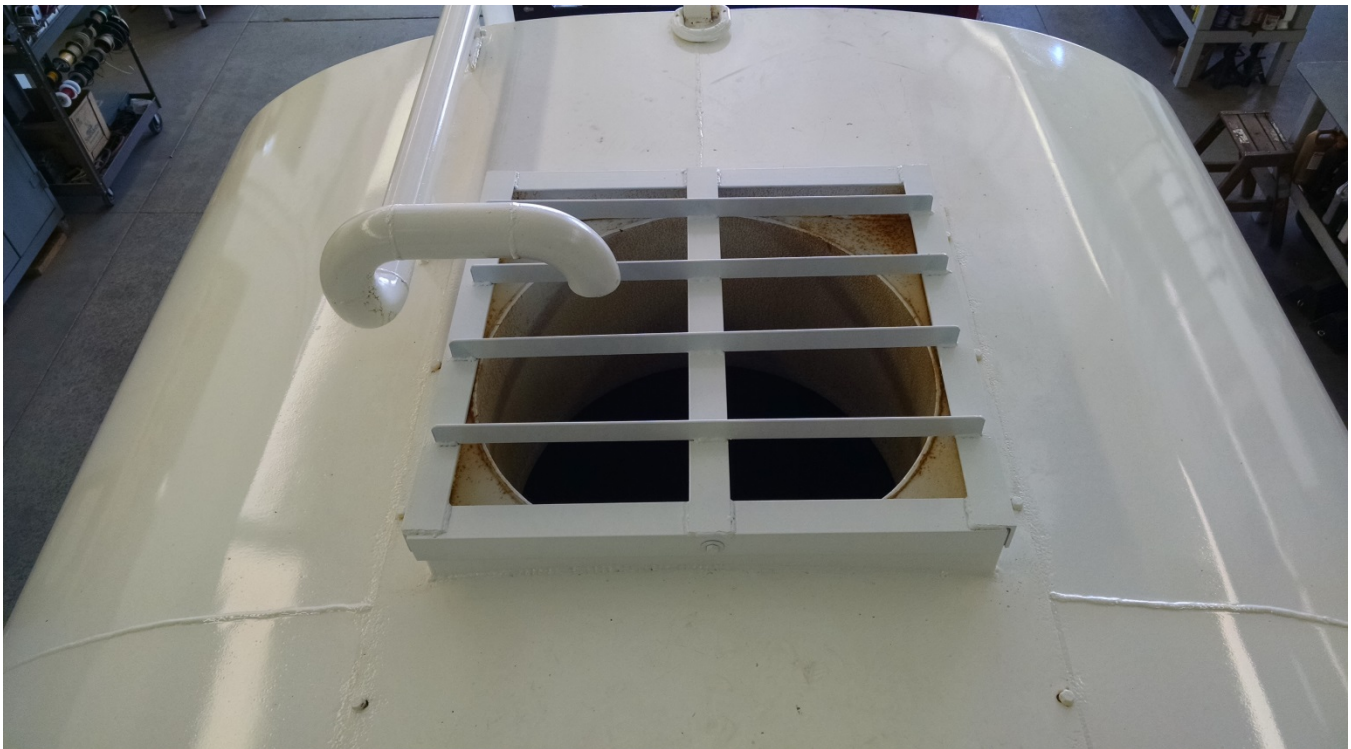
SCADA Unsecure
 Vault Secure
 Electrical Secure

Access
 Reader Online
 On Site:
 Jason Patterson Enabled

Seismic Control
 Seismic Sensor Normal Enabled

SI | Flow | Qual | Fac | Log-Out | Comm Via: Primary | Historian | History | Alarm Mo

Water Truck Entry Prevention





STAFF REPORT

Agenda Item: 8

Board Meeting Date: June 21, 2017
Prepared By: Al Ducusin
Reviewed By: Brian Smith
Approved By: Eldon Boone

SUBJECT: TEMPORARY SERVICE AGREEMENT AND IMPORTED WATER ENTITLEMENT

RECOMMENDATION: Approve Temporary Service Agreement No. 1003 (TSA) for Delivery of Water by Virtue of an Off-Site Meter and Imported Water Entitlement for a single-family residential parcel consisting of approximately 2.78 gross acres, owned by James and Margaret Fuller, located within the Chicago Tribune Hills area off Buena Creek Road, Vista (LN 2006-012; APN 184-101-32; DIV NO 5).

PRIOR BOARD ACTION: On February 21, 2007, the Board approved TSA Nos. 1000 (APN 184-101-25) and 1001 (APN 184-101-31). Subsequently, on September 2, 2009, the Board approved TSA No. 1002 (APN 184-101-24). Similar TSA's have been approved for adjacent property owners in the Chicago Tribune Hills area.

In the 1950's, the Board established the use of recorded TSA's which allowed a property owner an off-site meter at the nearest District pipeline not adjacent to the owner's parcel, provided that the present or future owners participate in the cost of extending the pipeline to the property if needed or required in the future. On December 16, 1998, the Board approved Resolution No. 98-43 which did away with the need for recorded TSA's and replaced them with the current temporary off-site meter fee, which is established by the Board of Directors each year.

FISCAL IMPACT: None.

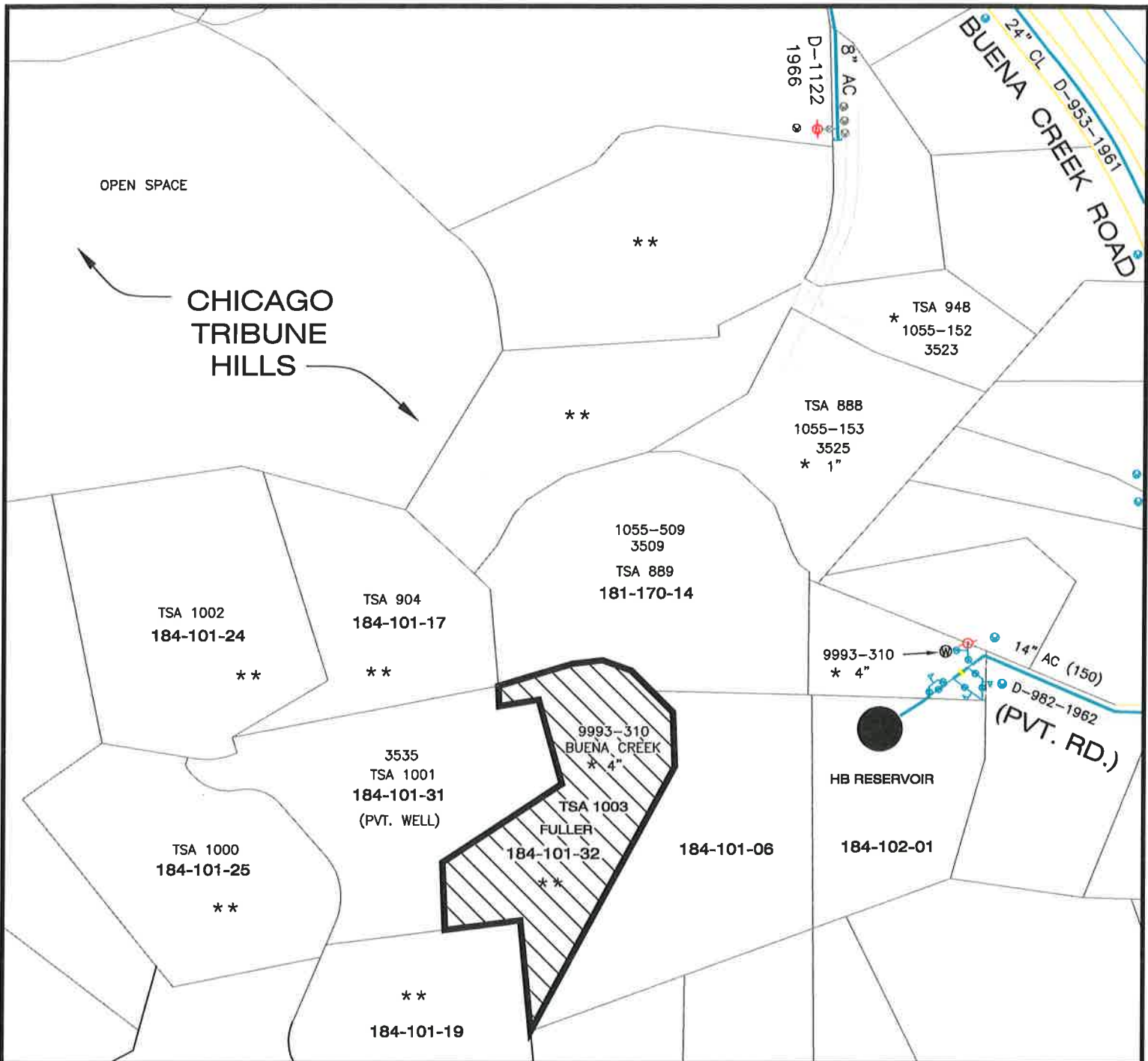
SUMMARY: The owners, James and Margaret Fuller, are in the process of selling their vacant residential parcel, including a 4" off-site meter which is currently locked, to a homebuilder. According to District records, there were no formal agreements or recorded documents for the establishment of the off-site meter; the owners have requested the District formalize the establishment of their existing water service prior to selling their vacant parcel. On May 22, 2017, the owners signed TSA No. 1003 and the Agreement for Imported Water Entitlement and have acknowledged the terms and conditions for off-site service.

DETAILED REPORT: It has been the historic policy of the District to require a property be adjacent to an existing District pipeline in order to be eligible for water service. However, this parcel is located in a steep hilly area, known as the Chicago Tribune Hills, and is not adjacent to a District pipeline. The District's nearest pipeline is located approximately 700 feet east of the parcel within a private road off Buena Creek Road. The TSA document allows the owners a temporary off-site connection to the District's nearest pipeline with the understanding that they will participate in any future costs to extend the distribution system adjacent to their property by the District, or others. The parcel is also above the elevation that can be served by the District's distribution system. The TSA document requires the property owners to install their own private pumping system, including all necessary connections and appurtenances, within their private utility easements.

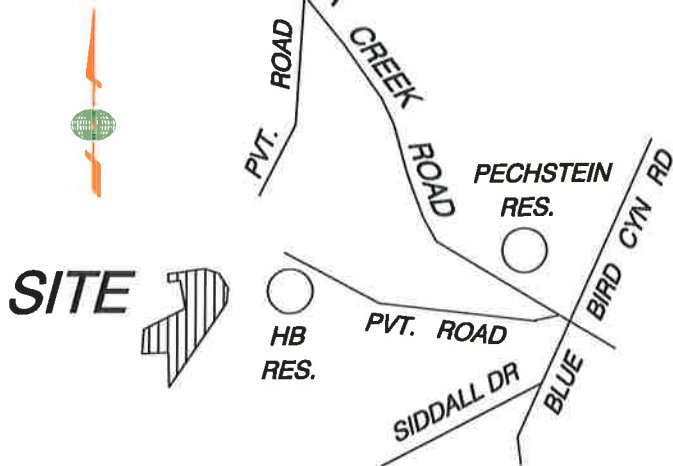
The current fees as established by Resolution No. 98-43, would not encompass the full cost of extending the public distribution system which would include pump stations, pipelines, tanks, etc. An extension of the District's pipeline would require a major planning effort from the adjacent property owners. The properties that have been approved in the past with TSA's within the Chicago Tribune Hills area are shown on the attached map.

Given the above circumstances, staff is recommending the use of a recorded TSA to formalize the off-site service as acknowledged by the property owners. The Board's approval of TSA No. 1003, by virtue of a recorded document on the property, will require the present and future owners of the parcel to participate in an extension of a public water system if it is ever needed or required. The approval of the Agreement for Imported Water Entitlement will allow the parcel the water rights for service.

ATTACHMENTS: Map
Temporary Service Agreement No. 1003 (TSA)



VICINITY MAP
NO SCALE



CHICAGO TRIBUNE HILLS AREA
 * EXISTING OFF-SITE METERS
 ** VACANT PARCELS

OWNERS:
 JAMES & MARGARET FULLER
 960 WOODLAKE DR
 CARDIFF, CA 92007

VISTA IRRIGATION DISTRICT			
TSA NO. 1003 & IMPORTED WATER ENTITLEMENT			
APN	184-101-32	T.B.	1108-F2
SCALE	NONE	L.N.	2006-012
APPD. BY	<i>JV</i>	DATE	<i>6/7/17</i>
DRAWN BY	JV	DATE	6/7/17
SHEET	1 OF 1	MAP	K17
REVISED:	6/7/17 Al Ducusin		
PATH:	Z:ENGINEERING/JOBS/LN2006/LN2006-012		

REQUESTED BY AND RETURN TO:

**VISTA IRRIGATION DISTRICT
1391 ENGINEER STREET
VISTA, CA 92081-8840**

**TEMPORARY SERVICE AGREEMENT FOR DELIVERY OF WATER
BY VIRTUE OF AN OFF-SITE METER & PRIVATE DISTRIBUTION SYSTEM (NO. 1003)
(APN 184-101-32)**

This AGREEMENT made this _____ day of May 11, 2017, 20____,
by and between James J. Fuller and Margaret A. Fuller,
hereinafter referred to as Owner and VISTA IRRIGATION DISTRICT, hereinafter referred to as District.

WITNESSETH: That Owner is the legal owner of a certain parcel of real property situated in the County of San Diego, State of California, and within the boundaries of the District, which parcel is particularly described in Exhibit "A" attached hereto and made a part hereof and as delineated in Exhibit "B" also attached hereto and made a part hereof ("Owner's Parcel").

WHEREAS, Owner's Parcel is not adjacent to any water main of the District and therefore cannot directly receive water service from the District. Owner has applied for permission to connect the Owner's Parcel to a District water main at an off-site location not adjacent to the Owner's Parcel for the purpose of providing a water supply for the Owner's Parcel, and

WHEREAS, said property is located at an elevation which cannot be served by gravity from the District's water main at the proposed off-site location and it is not the District's obligation to pump any water to said lands and;

WHEREAS, there are other lands in the area that are currently being served or may request to be served by off-site connections and private distribution systems, and

WHEREAS, the District is willing to grant a temporary off-site connection at its water main provided the Owner agrees to and accepts the terms and conditions following.

NOW, THEREFORE, pursuant to the foregoing recitals and in consideration for the grant of the temporary off-site connection to the District's water main not adjacent to the Owner's Parcel as described herein, the Owner hereby agrees for himself/herself/themselves and his/her/their successors in interest in the ownership of the Owner's Parcel, as follows:

(1) The Owner will pay the District's current meter fees and any other costs associated or required for installation of a meter, at the time Owner's application for a meter for service to the Owner's Parcel is accepted. Water service will only be provided under the Rules and Regulations of the District after all required fees have been paid and all District conditions have been satisfied. Owner agrees to grant the District any necessary easements across Owner's Parcel that the District deems necessary for future extension of a public water distribution system. Owner will furnish District with a copy of the easement instrument(s) authorizing Owner to install a private water distribution system between the meter installed by the District at the District's water main and the Owner's Parcel, including but not limited to, private water lines, booster pumps, backflow devices and tanks. Owner shall be solely responsible for all costs and expenses associated with the acquisition of such easement(s) and the installation, maintenance, repair and replacement of the above-described private water distribution system between the meter installed by the District and the Owner's Parcel, and the District shall have no responsibility or liability for any of such costs.

(2) The private water line shall be a temporary connection which shall be available to serve water to the Owner's Parcel so long as the private water line shall serve only one parcel. The District has the right, in its sole discretion, to terminate the temporary connection and discontinue water service through the private water line upon written notice in the event the temporary service to the Owner's Parcel is extended to any subdivision of the Owner's Parcel into two or more separate parcels, in the event the temporary service to the Owner's Parcel is extended to any other parcel of real property, or in the event of construction of two or more residences or other structures requiring water service on the Owner's Parcel.

(3) Should the District, or others, hereafter install, or provide, a District water distribution system to serve all or portions of the area, including the Owner's Parcel, the temporary off-site connection permitted by this Agreement shall be terminated and discontinued immediately upon written notice by District. Thereafter, any future District water service to Owner's Parcel shall be provided by a connection to the new adjacent District water main upon payment to District by Owner of a connection fee then established by the District's Board of Directors. The amount of such fee shall include the pro rata share of all costs associated with the design and construction of a public water distribution system, including but not limited to; water mains, pump stations, reservoirs, easement acquisition and appurtenances. Owner hereby agrees to pay such new connection fee upon demand by District. Owner shall also pay the cost for a new service outlet and meter served by the new adjacent District water main and shall pay the cost for removal of the temporary off-site connection and meter, as well as the cost to repair the District's water main where the temporary connection was made, if District deems that removal of that connection and meter is required.

(4) The Owner specifically agrees that a violation of the terms and conditions herein recited shall terminate the privilege to the temporary off-site connection and in that event the District may discontinue water service to the Owner's Parcel upon written notice to Owner, and remove the temporary off-site connection and meter without further obligation to the Owner or without any liability to Owner or Owner's his successors in interest, and Owner agrees to pay District all costs incurred for performing such work.

(5) Owner hereby waives any claims against the District for damages or injury to Owner, Owner's Parcel, or any other fixtures, improvements or real or personal property resulting from the performance of this Agreement or the provision, quantity, flow or quality of water service to the Owner's Parcel by means under this Agreement.

(6) Owner hereby indemnifies, defends and holds the District, its officers, directors, employees, agents, representatives and contractors "District Personnel" harmless from and against any and all actions, suits, claims, demands, judgments, attorneys fees, costs, damages to persons or property, losses, penalties, obligations, expenses or liabilities ("Claims") that may be asserted or claimed by any person or entity arising out of the performance of this Agreement or the delivery of District water to the Owner's Parcel, whether or not there is concurrent active or passive negligence on the part of DISTRICT and/or any DISTRICT Personnel, but excluding any Claims arising from the active sole negligence or willful misconduct of DISTRICT or any DISTRICT Personnel.

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

VISTA IRRIGATION DISTRICT

By _____
President

By _____
Secretary

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

OWNER:

By _____
James J. Fuller

By Margaret A. Fuller 5/11/17
Margaret A. Fuller



Address of Owner:

960 Woodlake Drive

Cardiff By the Sea, CA 92007

Phone _____

MUST BE NOTARIZED

EXHIBIT "A"

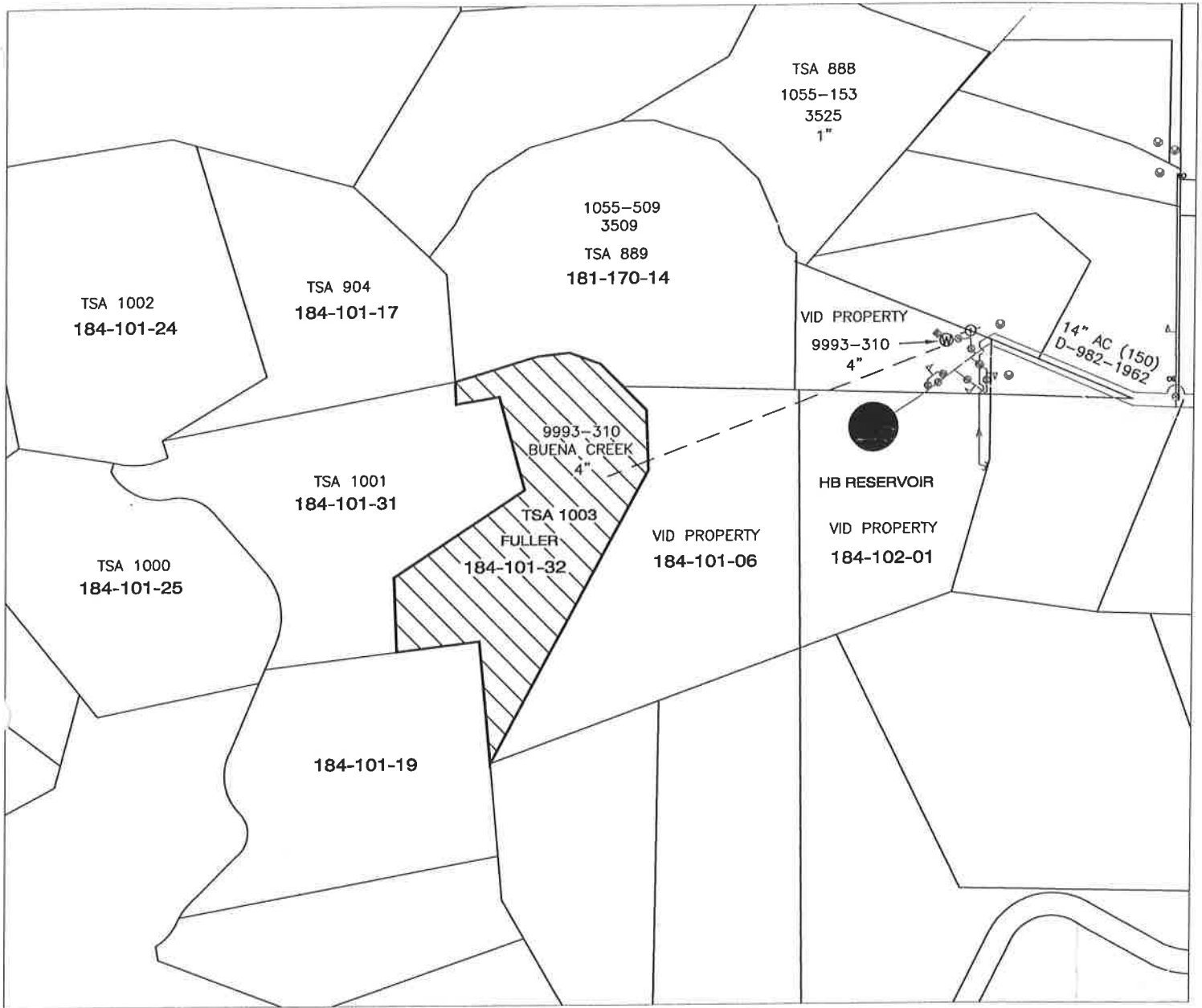
James and Margaret Fuller
APN 184-101-32

That portion of the Southeast Quarter of the Southwest Quarter of Section 27 and the Northeast Quarter of the Northwest Quarter of Section 34, in Township 11 South, Range 3 West, San Bernardino Base and Meridian, in the County of San Diego, State of California, according to United States Government Survey approved December 14, 1885, described as follows:

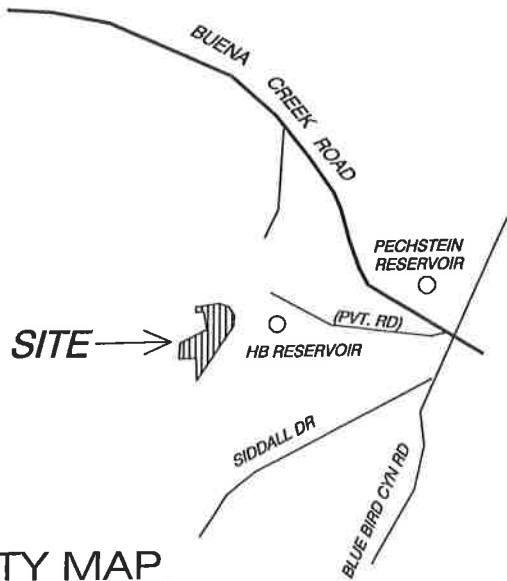
Beginning at the North Quarter corner of said Section 34; Thence North $0^{\circ}48'24''$ West along the North and South center line of Section 27, in said Township and Range 768.25 feet; Thence South $65^{\circ}19'20''$ West 190.29 feet; Thence South $0^{\circ}16'50''$ East 25 feet; Thence South $86^{\circ}22'10''$ West 413.15 feet; Thence South $32^{\circ}16'$ West, 338.62 feet to an angle point in the Northeasterly line of land described in Deed to Rebecca Jane Humfrey, recorded April 10, 1939 in Book 893, Page 170 of Official Records; Thence along said Northeasterly line South $48^{\circ}12'$ East 211.15 feet and South $9^{\circ}31'50''$ East 187.69 feet to the center line of a 20 foot easement for road purposes described in said Deed to Humfrey being the **True Point of Beginning**; Thence along the Easterly line of said Humfrey Land, South $5^{\circ}01'30''$ East 30.09 feet; Thence leaving said Easterly line, North $80^{\circ}33'22''$ East 75.59 feet; Thence South $15^{\circ}39'35''$ East 164.82 feet; Thence South $56^{\circ}35'34''$ West 120.23 feet to a point on said Easterly line herein designated as Point "A"; Thence along said Easterly line South $05^{\circ}01'30''$ East 407.21 feet to the most Westerly corner of the land described in the deed to Walter R. Stringfellow and Mary L. Stringfellow, Husband and Wife, recorded August 23, 1945 in Book 1921, Page 328 of Official Records; Thence along the Northwesterly line of said Stringfellow's land, North $28^{\circ}02'$ East 584.31 feet to an angle point; Thence North $3^{\circ}31'30''$ West 100.45 feet to an angle point; Thence North $47^{\circ}25'40''$ West 42.38 feet to a point in the North line of said Section 34, being the Northwesterly corner of said Stringfellow land; Thence to and along the center line of the 20 feet easement described in Deed to Humfrey, North $47^{\circ}25'40''$ West 45.03 feet to the beginning of a tangent 100 foot radius curve concave Southerly; Thence Westerly along said curve, 106.26 feet through an angle of $60^{\circ}52'50''$; thence tangent to said curve South $71^{\circ}41'30''$ West 33.97 feet; Thence South $80^{\circ}33'20''$ West to the True Point of Beginning.

Together with that portion of said Northeast Quarter described as follows; Beginning at above mentioned point 'A'; Thence along said easterly line South $5^{\circ}01'30''$ East 243.41 feet to a point on said Easterly line distant thereon North $5^{\circ}01'30''$ West 210.11 feet from said most Westerly corner of said Stringfellow land; Thence leaving said Easterly line South $84^{\circ}58'30''$ West 136.00 feet; Thence North $2^{\circ}19'12''$ West 127.00 feet; Thence North $56^{\circ}35'34''$ East 147.77 feet to the point of beginning.

EXHIBIT 'B'



JAMES & MARGARET FULLER
 960 WOODLAKE DR
 CARDIFF, CA 92007




VICINITY MAP
 NO SCALE

VISTA IRRIGATION DISTRICT

TSA NO. 1003 FULLER PROPERTY

APN	184-101-32	T.B.	1108-F2
SCALE	1"=40'	L.N.	2006-012
APPD. BY	<i>AD</i>	DATE	<i>5/11/17</i>
DRAWN BY	<i>JV</i>	DATE	<i>5/3/17</i>
SHEET	1 OF 1	MAP	K17
REVISED:	5/3/17 Jay Vittachi		
PATH:	Z:ENGINEERING/JOBS/LN2006/LN2006-012		

W.O.

State	Capacity	Language of Notary Section	Legal Citation(s)	Modifiable
AK	Individual	State of <u>Alaska</u> or Municipality of _____ Judicial District (or County of) <u>Mat Su</u>	ALASKA STAT. § <u>09.63.100(a)(1)</u> (2012)	Yes
<p>The foregoing instrument was acknowledged before me this (date) by (name of person who acknowledged).</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p><u>[Signature]</u> Signature of Person Taking Acknowledgment</p> <p><u>Notary</u> Title or Rank</p> <p><u>14031710</u> Serial Number, if any</p> </div> </div>				
AK	Corporation	State of _____ or Municipality of _____ Judicial District (or County of) _____	ALASKA STAT. § <u>09.63.100 (a)(2)</u> (2012)	Yes
<p>The foregoing instrument was acknowledged before me this (date) by (name of officer or agent, title of officer or agent) of (name of corporation acknowledging) a (state or place of incorporation) corporation, on behalf of the corporation.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <p>_____ Signature of Person Taking Acknowledgment</p> <p>_____ Title or Rank</p> <p>_____ Serial Number, if any</p> </div> </div>				

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

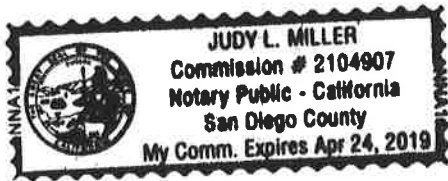
State of California)
County of San Diego)

On May 11, 2017 before me, Judy L. Miller, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Margaret A. Fuller
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Judy L. Miller
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Temporary Service Agree. Document Date: May 11, 2017
Number of Pages: 4 Signer(s) Other Than Named Above: None

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____



STAFF REPORT

Agenda Item: 9

Board Meeting Date: June 21, 2017
Prepared By: Don Smith
Reviewed By: Brett Hodgkiss
Approved By: Eldon Boone

SUBJECT: MANAGEMENT OF LOCAL WATER

RECOMMENDATION: Receive informational report on District practices related to the management of local water.

PRIOR BOARD ACTION: In response to the stormwater accumulation in Lake Henshaw earlier this year, the Board requested an informational report outlining District practices that affect the production, storage, release and delivery of local water for the benefit of the District and others.

FISCAL IMPACT: There are no fiscal impacts associated with this informational report.

SUMMARY: In the management of local water, the District and the City of Escondido cooperate to use surface water runoff conjunctively with groundwater production to maximize the yield of local water. Specifically, in years of low surface water runoff, groundwater is pumped from the Warner Valley Groundwater Basin aquifer to augment local water supplies. In years of plentiful runoff, pumping in the Warner wellfield is suspended, allowing the aquifer to recharge. A diagram showing the local water system is attached.

Local water delivery generally commences with winter storm runoff from the natural flow generated in stream tributaries arising downstream of Lake Henshaw and upstream of the Escondido Canal. Escondido Canal operators maximize the diversion of this water from the San Luis Rey River to Lake Wohlford subject to the safe delivery capacity of the Escondido Canal, the availability of storage in Lake Wohlford, and local water deliveries for treatment at the Escondido-Vista Water Treatment Plant (EVWTP).

Releases from Lake Henshaw generally commence in April or May and are suspended in late September. While many factors affect decisions about the timing and rates of Henshaw release flows and wellfield activity, a guiding principle is that groundwater production is likely to be suspended at such time as the projection of the October 1 water storage in Lake Henshaw not committed for delivery to the San Luis Rey Indian bands (Indian Bands) is appreciably more than 2,500 acre-feet; wellfield pumping is likely to be resumed to prevent storage in Lake Henshaw from falling appreciably below 2,500 acre-feet.

DETAILED REPORT: Over the last 25 years, local water has contributed between 4% and 71% of the District's annual water budget, with an average of 29% over that period. This variability is largely driven by hydrologic cycles (drought and rainfall), but also by wildfire damage along the Escondido Canal and other considerations.

Because hydrologic conditions cannot be forecast with confidence beyond 7 to 10 days, the District attempts to maximize the production of local water, subject to numerous constraints, including, but not limited to:

- Water available for delivery from Lake Henshaw.
- Natural runoff conditions, both above and below Lake Henshaw.
- Expected evaporation from Lake Henshaw. Evaporation is variable depending on temperature, humidity, wind conditions, and lake surface area (related to lake level). Evaporation is a significant factor in the Henshaw water budget, consuming an average of one third of all water that enters the lake.

- Current Warner wellfield conditions, including groundwater table elevation, well conditions, overall pumping capacity, and any conveyance constraints (ditch or siphon flow restrictions).
- Time remaining until Escondido Canal deliveries are suspended in October to allow annual maintenance activity. This maintenance period is generally four weeks in duration, but can be more or less depending on conditions.
- Current safe delivery capacity of the Escondido canal. Under optimal conditions, this is presently about 50 cfs (roughly 100 acre-feet per day, or 3,000 acre-feet per month). This safe delivery capacity may be compromised by debris in the canal, unstable slope conditions, or specific maintenance requirements.
- Need to maintain a minimum flow in the Escondido Canal during the hottest period of the year, generally July through September, to minimize the stress and cracking of the canal lining due to temperature extremes.
- Expected water production of the EVWTP. This includes the entire water demand of the City of Escondido and that portion of the District's demand that is supplied by the Vista Flume. Also, to prevent an undesirable rise in finished water turbidity, local water supplies are generally limited to 50% of the raw water supply to the EVWTP.

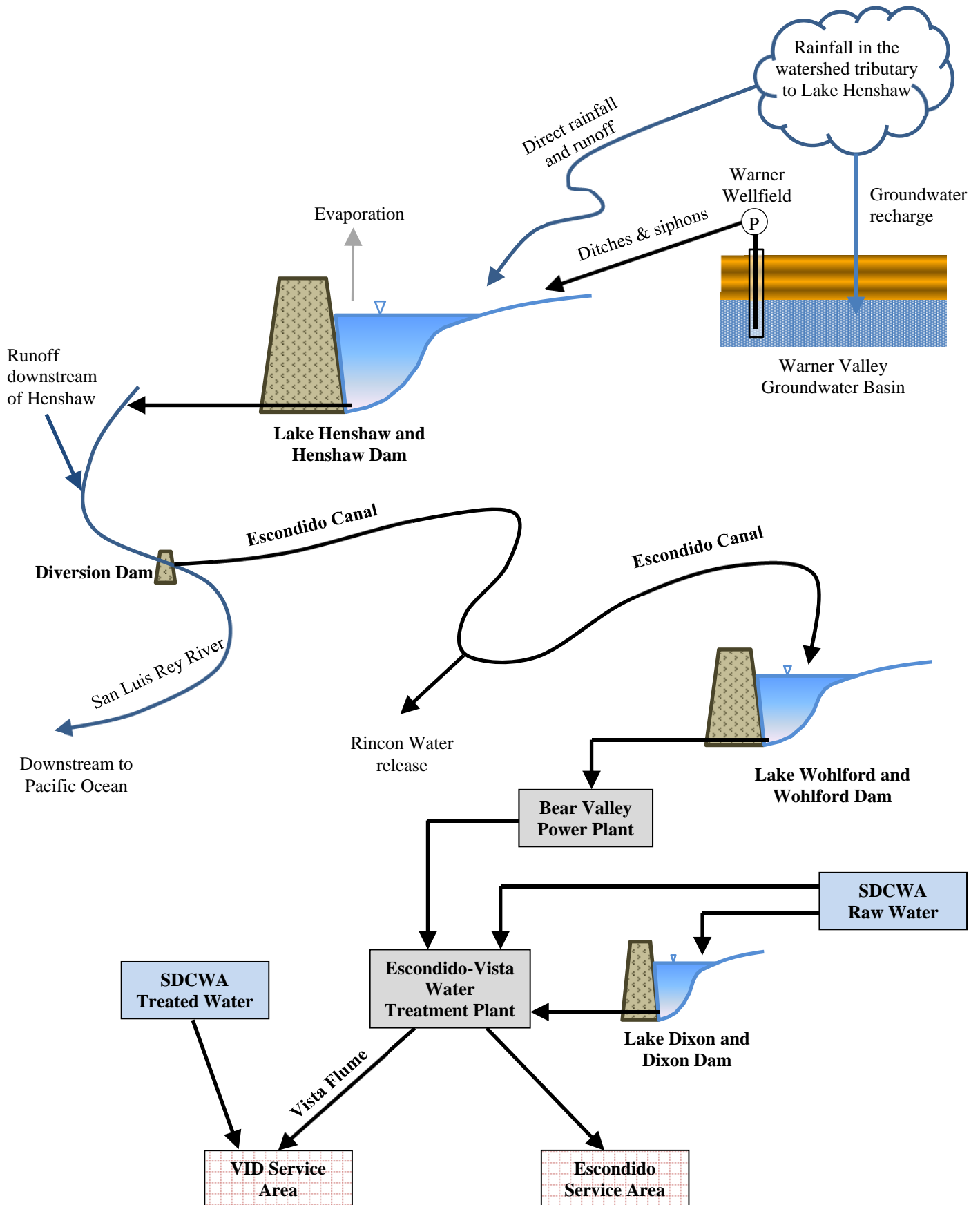
With the effectiveness of the San Luis Rey Indian Settlement in May, future operation of the local water system must also accommodate the needs and rights of the Indian Bands to call upon local water. The main considerations include:

- Quantifying, scheduling and delivery of the Rincon Water Entitlement.
- Delivery of any requested Local Exchange Water.
- Scheduling of releases from Lake Henshaw to facilitate in-stream recreational uses on the La Jolla Indian Reservation.

The Indian Bands have specified that they will not be making any requests for Local Exchange Water for calendar year 2017. As of June 1, 2017, approximately 1,273 acre-feet of storage held in Lake Henshaw is subject to delivery to the Rincon Band of Indians as the undelivered portion Rincon Water Entitlement for 2017.

ATTACHMENT: Local Water System Diagram

Local Water System



Swimmer goes missing in Lake Henshaw



By **David Hernandez**

JUNE 19, 2017, 10:30 PM

A Cal Fire crew searched unsuccessfully for a swimmer who vanished in Lake Henshaw near Warner Springs Monday, a fire official said.

A sheriff's search-and-rescue team planned to comb the lake Tuesday morning.

The man disappeared after he ran into the water from the shore, apparently in an attempt to swim out to a raft that he and a group of three or four other people had been using, Cal Fire Capt. Issac Sanchez said.

He said Cal Fire received a report of a possible drowning about 6:10 p.m.

Firefighters on boats, assisted by a sheriff's helicopter crew, combed the water. Their efforts were suspended when night fell.

The search was turned over to the Sheriff's Department and was expected to resume in the morning, sheriff's officials said.

The lake, located about 70 miles northeast of San Diego, covers about 1,140 acres and holds roughly 50,000 acre-feet. The volume stands at about 12,300 acre-feet, or about 24 percent of capacity, according to the Vista Irrigation District, which owns the lake.

Lake Henshaw provides water to Vista, Escondido and to the San Luis Rey Indian Water Authority.

Email: david.hernandez@sduniontribune.com

Phone: (619) 293-1876

Twitter: [@D4VIDHernandez](https://twitter.com/D4VIDHernandez)

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This article is related to: Vista

Agenda Item 9

Body recovered in Lake Henshaw on second day of search for missing swimmer



By **David Hernandez**

JUNE 20, 2017, 8:50 PM

Search-and-rescue crews combing Lake Henshaw for a missing swimmer recovered a body Tuesday, authorities said.

The missing man had been at the lake near Warner Springs with a small group Monday evening. He apparently ran into the water from the shore to swim out to a raft after someone on it fell off, Cal Fire Capt. Issac Sanchez said.

The person who fell into the water was able to climb back onto the raft, Sanchez said. The man who swam out never surfaced.

Someone in his group reported a possible downing about 6:10 p.m.

Firefighters on boats, assisted by a sheriff's helicopter crew, searched the lake until it got too dark.

On Tuesday morning, a sheriff's search-and-rescue team continued the efforts, sheriff's officials said. A medical examiner investigator was summoned around 6 a.m.

No information about the identity of the body was available.

Lake Henshaw covers about 1,140 acres and currently is filled with about 12,300 acre-feet of water, according to the Vista Irrigation District, which owns the lake.

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Phone: (619) 293-1876

Twitter: @D4VIDHernandez

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Item #9



STAFF REPORT

Agenda Item: 10

Board Meeting Date:	June 21, 2017
Prepared By:	Don Smith
Reviewed By:	Brett Hodgkiss
Approved By:	Eldon Boone

SUBJECT: GROUNDWATER ASSESSMENT AND CONSULTATION SERVICES

RECOMMENDATION: Authorize the General Manager to enter into a professional services agreement with Todd Groundwater, Inc., to provide groundwater assessment and consultation services per their joint proposal with Dudek in an amount not to exceed \$227,392.

PRIOR BOARD ACTION: On June 29, 2015, the Board conducted a workshop on the Sustainable Groundwater Management Act of 2014 (SGMA), authorized staff to perform further investigations regarding future management of groundwater resources, and formed an ad hoc committee to address these matters. On November 10, 2016, the ad hoc Groundwater Committee met and reviewed a Request for Proposal (RFP), and recommended that it be brought before the Board for consideration. On January 18, 2017, the Board approved the District's RFP for Groundwater Assessment and Consultation Services.

FISCAL IMPACT: The Groundwater Assessment and Consultation Services agreement is proposed for an amount not to exceed \$227,392, of which \$80,042 (35.2%) will be reimbursed by the City of Escondido (Escondido) under the terms of the Local Entities' Agreement. The District's net cost is estimated not to exceed \$147,350.

SUMMARY: The District initially received seven (7) qualified proposals responsive to our Request for Proposal. A committee of District staff and one representative from Escondido reviewed these proposals and recommended interviewing the two most qualified and responsive firms, Todd Groundwater Inc. (Todd) and Dudek. After the interview, Todd and Dudek offered to prepare an eighth proposal, combining the strengths of the two firms.

On May 30, 2017, the ad hoc Groundwater Committee (Directors Dorey and MacKenzie) met to consider the District's proposal process and hear staff recommendations. Ultimately, District and Escondido staff as well as the ad hoc Groundwater Committee expressed that the Todd/Dudek joint proposal offered the best combination of qualifications, expertise, familiarity with County of San Diego processes and value for both the District and Escondido. The ad hoc Groundwater Committee recommended that the joint proposal be brought to the full Board for its consideration.

DETAILED REPORT: The scope of work for groundwater assessment and consultation services includes: 1) review previous hydrogeological studies of the Warner Valley Groundwater Basin (Basin) and update, compile and analyze hydrogeological and groundwater pumping data to estimate the sustainable yield of the Basin; 2) assess the hydrologic connectivity and independent sustainable yield of that portion of the Basin underlying the Warner Springs Ranch Resort; 3) outline data needs, procedures, likely costs, potential benefits and other considerations to help the District evaluate the possibility of forming a Groundwater Sustainability Agency (GSA) for the Basin under SGMA; and 4) provide as-needed services to review third-party proposals and provide input on potential negotiations. The scope includes a Board workshop to discuss the findings of the engagement and consider options with respect to Basin management and potential GSA formation. The detailed scope of work from the Todd/Dudek joint proposal for groundwater assessment and consultation services is attached for reference.

Per the District's Purchasing Policy, ranking of proposals for professional services is based on qualifications and other business related criteria, not strictly based on estimated fee. Nevertheless, the list of firms submitting proposals and their estimated fee is presented below in alphabetical order for reference. As is shown, the estimated fee for the Todd/Dudek Team is less than the average of all the estimated fees received by the District.

Consultant	Estimated Fee
Dudek	\$ 288,232.00
Exponent	\$ 284,020.00
GEI	\$ 308,600.00
GEOSCIENCE	\$ 282,978.00
Geosyntec	\$ 214,596.00
GSI Environmental	\$ 155,091.00
TODD Groundwater	\$ 134,290.00
TODD/Dudek Joint	\$ 227,392.00
Average:	\$ 236,899.88

ATTACHMENT: Scope of Work from the Todd/Dudek Joint Proposal

Task 1—Hydrogeological Assessment of the Warner Valley Groundwater Basin

The objective of this task is preparation of a hydrogeological conceptual model of the Basin (based on currently available data and best available science) and development of a numerical modeling tool that can be used to explore local groundwater issues and simulate management alternatives. This task includes meeting and reporting for Task 1 and Task 2.

Task 1.1—Compile and Organize Data

This task will be a joint effort of Todd and Dudek. We will compile all hydrologic, geologic, water use, pumping, and water quality data indicated in the “Approach” section, in some cases comparing multiple sources for accuracy and utility. This process will include three types of activities:

- Compile raw data generated by the District and other basin users, review data, scan or digitize paper-copy data that are needed for analysis. This might include well locations and logs, groundwater levels, groundwater pumping, and Lake Henshaw operations, as well as similar data from WSRR, Los Tules MWC, Warner Springs Estates, the County, and other small water systems. Processing of all data is beyond this scope; we will assess the data and provide recommendations to the District for data processing.
- Download data from on-line databases. This will include numerous data sets, such as precipitation, stream flow, soils, land use, vegetation, watersheds, water quality, geology, roads and cultural features.
- Georeference map figures from previous reports. Maps of geology, basin boundaries, and possibly well locations presented in previous hydrogeologic studies may not be available as digital files. We will scan and georeference or digitize maps we consider useful for our analysis.

Spatial data will be compiled into a geodatabase using ArcGIS software. We plan to use the California State Plane Zone 6 coordinate system (NAD83), consistent with the County’s SanGIS database. Other types of data (groundwater levels, lake elevation, water quality, stream flow, production, etc.) will be compiled into Excel workbooks or Access database files, at the District’s discretion. Data will be organized in a manner that maximizes ease of use and is convenient for updating.

Our team has already noticed discrepancies among some data sources (e.g., basin boundaries and precipitation). In the process of compiling data, we will identify discrepancies and data gaps; these will be communicated to the District in a brief Technical Memorandum (submitted via email) along with our methods of working around those issues. This Technical Memorandum also will address information organized for Task 2.1 addressing the WSRR.

Task 1.2 Prepare Cross Sections and Refine Conceptual Hydrogeological Model

Todd Groundwater will lead this task. Geologic information from well logs will be entered into an ArcHydro Groundwater geodatabase, which stores the location and lithology of each well. Based on previous reports, we assume that logs for about 200 wells will be available for digitizing. The bedrock surface map developed by J. M. Montgomery (1969) will also be digitized, and 10-meter land surface

elevation will be downloaded from the National Elevation Dataset. Groundwater-level contour maps representing high and low historical groundwater-level conditions will similarly be digitized and entered to the geodatabase.

With these data in place, we will select up to six cross section lines and prepare cross sections that reveal basin stratigraphy and thickness. We will identify stratigraphic patterns that have implications for confinement, recharge, and groundwater flow. We will discuss the extent to which various fault segments appear to affect groundwater flow.

Task 1.3—Develop and Calibrate Groundwater Model

Todd will construct a uniform model grid for MODFLOW -2005 using the Groundwater Vistas modeling platform. The number of model layers (probably three or four) will depend on stratigraphic patterns revealed by the analysis of cross-sections in Task 1.2. Faults mapped by Shelliga (1963) and others will be included using the MODFLOW HFB package. Stream channels will be included as stream cells in the top model layer along the respective channel alignments. Lake Henshaw will be represented using a time-varying constant-head boundary.

Rainfall recharge and stream flow entering the periphery of the basin will be estimated by a daily soil-moisture-budget software that partitions rainfall into runoff, infiltration, ET, and recharge to shallow and deep groundwater zones. This pre-processing step involves Excel and Fortran programs that we have developed and applied in numerous modeling studies over many years and that are documented and freely available. The daily simulations will be applied to subareas of the basin and tributary watersheds delineated on the basis of soil, slope, vegetation, bedrock, rainfall, and other important variables. The one-dimensional simulation results will be applied to model cells within each analysis subarea. Mountain-front recharge will be included in the model as “injection wells” along the basin periphery. Simulated stream flow will be calibrated based on a comparison of mean annual runoff and flow duration characteristics at three local stream gauges, plus estimated total surface runoff into Lake Henshaw. The MODFLOW stream package (STR or SFR) dynamically calculates flow between the streams and aquifer (either direction) and tracks water mass in the stream as well as the aquifer.

The geographic and depth distributions of pumping will be simulated using the MODFLOW WEL module and the proportions of well screened intervals in each model layer.

A calibration period will be selected that includes at least one full drought and recovery cycle. This will likely include all or part of the 1984 -2016 period. Variable time step durations will be used to more accurately simulate stream-aquifer interaction. The recharge and stream flow estimation program will be calibrated jointly with the groundwater flow model. Errors in simulated groundwater levels often relate to errors in the timing, magnitude, or location of recharge rather than to errors in estimated aquifer characteristics. Aquifer characteristics including hydraulic conductivity, specific storativity, specific yield, and fault conductance, will be calibrated by comparing simulated and measured hydrographs of historical groundwater levels and historical net inflow to Lake Henshaw.

Task 1.4—Use Model to Estimate Existing and Potential Basin Yield

Todd will apply the model to estimate basin yield. The calibration simulation will reveal basin performance during the 1987 -1992 and/or 2012-2016 droughts in greater detail than previous studies because the locations of drawdown and well interference will be simulated. Bookman-Edmonston (2002) concluded that the District’s existing wells could access 150,000 acre-feet of operable

groundwater storage capacity, which is only 20 percent of total basin storage. Based on patterns of drawdown, we will simulate an alternative distribution of pumping using existing wells and alternative rates of pumping to identify opportunities for increasing yield using the existing wells.

Todd will also simulate up to four hypothetical options for increasing the yield available to the District during droughts. The Todd-Dudek team will select these in consultation with the District, but for illustration they might include:

- Wells in new locations, such as northeast of the Agua Tibia North fault or east of the Warner Ranch fault.
- Percolation of stream flow in off-channel basins. In the operations model analysis, Lake Henshaw spilled in 12 of 77 years, with an average annual spill of 2,900 AFY (Bookman-Edmonston, 2002). It might be possible to capture some of this water in the basin.
- Measures to reduce evaporation losses, such as converting conveyance ditches to pipes and operating Lake Henshaw at a lower average lake elevation.

Task 1.5—Evaluate Potential Effects of Climate Change on Basin Yield

Todd will review recent literature on down-scaling Global Circulation Models to the Southern California region to identify any emerging consensus regarding long-term changes in temperature and precipitation. We will simulate up to two projections of climate change by modifying the model input time series for rainfall and reference ET. Reference ET is generally correlated with air temperature, and the historical time series can be modified according to temperature projections. The historical rainfall time series will be adjusted using different multipliers for each quantile of daily rainfall to obtain the change in mean and frequency distribution indicated by the climate modeling studies. The groundwater model pre-processing programs will be used to prepare new data files for rainfall recharge and stream flow based on the revised time series. The calibration simulation and one future scenario will be simulated using the new data files.

Task 1.6—Develop Recommendations Regarding Geophysical Surveys

Model calibration will provide estimates of the extent to which faults and the Monkey Hill horst impede groundwater flow. Discussion among Todd-Dudek team members will address lingering uncertainty; subsequently, Dudek will evaluate whether surface geophysical methods (as described in the Approach) might resolve some of the uncertainty.

Task 1.7—Meetings for Tasks 1 and 2

Key Todd and Dudek team members will participate in two meetings for Tasks 1 and 2: a kickoff meeting and a project team meeting to discuss preliminary results. We will prepare presentation materials for both meetings and work with the District to develop the agendas. The District will be responsible for arranging a meeting room and any outreach to other stakeholders, such as the City of Escondido. Meeting dates and times will be selected by agreement with the District.

The kickoff meeting will focus on roles and responsibilities, lines of communication, an inventory of available data, and the historical and interagency context of the present study. As stated in Task 4, we recommend combining the kickoff meeting with a site visit to Warner Valley. The progress meeting will afford an opportunity to discuss details of the technical work and preliminary findings.

Task 1.8—Report for Tasks 1 and 2

The Todd-Dudek team will prepare a draft technical report documenting the analysis and conclusions of Tasks 1 and 2. This will include descriptions of all data sets used in the analysis, geologic maps and cross sections, maps and hydrographs showing rainfall, ET, streamflow, groundwater levels, groundwater production, and water quality during the historical analysis period. Complete, itemized annual groundwater balances will be provided for each model simulation, for the entire basin and subtotaled for the WSRR subarea. Simulations of yield scenarios will be documented with groundwater-level maps, hydrographs, and water budgets. The report will include a discussion of hydrogeology and groundwater yield of the WSRR subarea for Task 2.

The draft report will be submitted electronically (text in Word and figures and tables as pdf files). Following receipt of comments by District -selected reviewers, we will prepare a final report that incorporates responses to the comments. Five bound copies and an electronic version of the final report will be submitted.

In addition to the project report, we will submit electronic files containing data compiled for and used in the analysis, accompanied by an explanation of file contents and how to use and update the files. We will select file formats in consultation with the District, but they will likely include Excel, Microsoft Access, ArcGIS map files and geodatabase or shapefiles, Groundwater Vistas and MODFLOW files, and any Fortran utility programs used for data preparation (source code and executable).

Task 2 – Hydrogeological Assessment of the Warner Springs Ranch Resort (WSRR)

The objective of this task is to assess hydrologic and hydrogeologic conditions in the WSRR portion of the Basin, including the sustainable yield and connectivity of groundwater flow with the remainder of the Basin.

Task 2.1 – Review Reports and Data for WSRR

Dudek will lead this task and review historical reports and data for WSRR obtained from the project applicant and the County of San Diego. Dudek will review County and DWR files to determine available historical data such as groundwater levels, pumping data and driller well logs. Consistent with Task 1, Dudek will assess data availability and specific data gaps, identify methods to collect sufficient data or use substitute data, and summarize data gaps and recommendations in the Task 1.1 Technical Memorandum.

Task 2.2 – Assess Sustainable Yield of Basin Underlying WSRR

Dudek, assisted by Todd, will lead the assessment of the portion of the basin underlying the WSRR. This may be defined as the IIE groundwater unit, or possible boundaries (such as the Agua Tibia North or South faults) will be defined in consultation with the District. Dudek, with input from Todd, will analyze the Agua Tibia North Fault as a partial boundary to flow and the connectivity of shallow Agua Caliente alluvial channels (as discussed further in Task 2.3). A water balance will be provided; an average annual groundwater budget for the WSRR area can be extracted by Todd from the basin water budget using the MODFLOW ZoneBudget post-processor. Dudek will carefully review data recently collected by WSRR's consultant such as borehole logs, well completion intervals, aquifer test data, long-term groundwater level monitoring data, extraction data, wastewater effluent production data, and irrigation data to evaluate the local water budget in detail. The team also can use the numerical

model developed in tasks 1.3 to assess the sustainable yield of the basin underlying WSRR and water balance factors. A simulation of increased WSRR pumping will be completed to estimate the extent to which it induces additional percolation from Agua Caliente Creek (potentially increasing total basin yield) and decreases subsurface outflow to the central part of the basin. The simulated response of the aquifer to the latest drought (2000 to 2016) also may be simulated, provided availability of sufficient good quality data.

Task 2.3 – Determine Connectivity of Groundwater Flow between WSRR and VID Lands

Dudek will lead this effort, assisted by Todd. To investigate the connectivity of groundwater flow between WSRR and VID lands, Dudek will first review available data such as groundwater elevations, aquifer test data, borehole logs interferometric synthetic aperture radar (IFSAR) data, false-color imagery and historical aerial photographs to better conceptualize the hydrogeology of the area. Based on our current understanding of the Basin, the team can provide geophysical work to investigate the Agua Tibia North Fault and the Agua Caliente alluvium at the western boundary of WSRR as an optional task. The objective for the Agua Tibia North Fault investigation is to evaluate the lateral thickness and general character of the fault, examine for potential vertical offset, and provide subsurface data to support an assessment of whether the fault acts as a groundwater barrier. This work is critical to update the hydrologic conceptual model of the basin and solidify boundary conditions for development of the numeric model.

Additionally, work is proposed to investigate the shallow Agua Caliente alluvium at the western boundary of WSRR to assess the characteristics of the alluvial channel that exits the WSRR property including connectivity with alluvial channels on VID lands. It is understood that planned development at WSRR is likely to propose an offset of groundwater demand with wastewater recharge. The County commonly requires a Groundwater Mitigation and Monitoring Program for these types of groundwater-dependent projects. The intent of the survey is to better characterize the depth of unconsolidated sediments, and depending on survey results potentially the general makeup and distribution of sediment type (e.g. sands, silts and clays). The data could support the placement of test wells by VID should they choose to independently monitor water quality and groundwater levels. Ultimately, observed data (i.e. groundwater level change) is the best indicator of pumping impacts, which may require documentation over the long-term.

Task 3—Groundwater Sustainability Agency Plan of Development

The objective of this task, conducted by Dudek and Todd, is to document the data needs, procedures, potential costs and benefits, and other considerations to help the District evaluate the possibility of forming a Groundwater Sustainability Agency (GSA) and preparing a Groundwater Sustainability Plan (GSP). For the purposes of scoping and budgeting, it is presumed that the District would choose to form a GSA and develop and maintain a GSP consistent with SGMA.

Task 3.1 – Prepare Analysis of the Steps Necessary to Form and Maintain GSA

SGMA requires the formation of a GSA to produce and implement a GSP and to facilitate the inclusion of all interested parties. GSAs, which represent local governance of water resources and stewardship, are empowered with financial, regulatory, and enforcement abilities. Additional powers may be obtained through the adoption of ordinances. However, the exercise of such authority is not required. GSAs are the local entities having authority over water supply, management, and, by extension,

potentially land use; however, County of San Diego policy is to retain all land use authority despite any SGMA requirements.

The first step is to document the eligibility of local organizations to become or participate in a GSA. In brief, the County is an eligible local agency by virtue of its land use planning responsibilities. The WSRR is not eligible because it is a private party; nonetheless, a GSA can enter an agreement with a private party to assist with or facilitate GSP implementation. As a water corporation regulated by the Public Utilities Commission, Los Tules MWC can participate in a GSA through an agreement but is not conferred with additional powers. The status of the District will be documented.

In addition, compliance with SGMA would require comprehensive outreach to potential stakeholders, such as the WSRR, Los Tules MWC, Warner Union School District, Camp Westfork, Mataguay Scout Ranch, disadvantaged communities, and all parties with an interest in the basin. Additionally, Lake Henshaw Water Company, Lake View Spring, and San Luis Rey Picnic Ground are County regulated Small Water Systems on the fringe of the current basin boundary that may be interested stakeholders. Dudek will develop an inclusive list of potential interested parties.

Compliance with SGMA also requires the development of an instrument of governance such as a Memorandum of Understanding or perhaps, a Joint Powers Authority. The choice of instrument appropriate for the Warner Valley Groundwater Basin will be determined by the composition of the GSA and local issues to be addressed, including a range of procedural, political, and administrative issues.

Dudek, assisted by Todd, will prepare a summary of the steps to form and maintain a GSA. The procedures include holding a properly noticed hearing regarding the decision to be a GSA and uploading information to DWR including description of the local agency's eligibility to be a GSA, GSA resolution(s), GIS maps showing the basin and local agency service area(s), and a list of interested parties. We will also summarize stakeholder outreach and the instrument of governance most appropriate for the VID and Warner Valley Groundwater Basin.

Task 3.2 – Prepare Projected GSA Timeline, Roadmap, and Cost Estimate and Identify Potential Funding Sources

Dudek will prepare a task timeline in a Gantt chart format that breaks down the tasks and timeline for GSA formation, outreach, and governance. For comparison, we will include the relative timeline required for medium and high priority basins. Dudek will prepare a cost estimate for all tasks associated with formation and governance of the SGMA GSA. The team has extensive experience in obtaining funds through grant application, and will include potential funding sources for GSA related tasks

Task 3.3 – Prepare Analysis of the Steps to Develop a GSP

The ultimate goal of the SGMA is sustainable groundwater management. This is achieved through development of the GSP, which synthesizes technical data and information regarding water supply, use, and quality to develop a long-term strategy for sustainability. Should the District choose to prepare a GSP, SGMA requires 5-year updates of the GSP, with each update demonstrating sustainability or progress toward achieving sustainability goals. GSPs are data-intensive efforts, often requiring historic groundwater level, surface water flow, climate information, water quality, and geologic parameters. The level of effort required for the GSP depends largely on the availability of such data.

As with GSA formation, SGMA requires extensive outreach to stakeholders throughout the process of GSP preparation. Such plans may require collection of data where gaps exist, the establishment of monitoring systems, and the implementation of water projects. GSPs have a nexus with land use planning. Dudek and Todd will prepare a written analysis of the steps necessary to develop a GSP in accordance with agency and stakeholder needs, as well as DWR requirements.

This task will be specific to the Warner Valley Groundwater Basin and will be informed by the data and analysis developed in Tasks 1 and 2, which will produce much of the data and resources needed to develop a comprehensive GSP.

Task 3.4 – Prepare A GSP Timeline and Roadmap

Dudek will prepare a task timeline in a Gantt chart format that shows the likely tasks and timeline for GSP development, should the District choose to prepare a GSP. For comparative purposes, we will include the relative timeline required for medium- and high-priority basins for comparative purposes.

Task 3.5 – Develop GSP Cost Estimate and Identify Potential Funding Sources

The cost of developing a GSP depends on the availability of recent technical information, the need for the establishment of monitoring networks, and the state of proposed projects. The team has extensive experience in obtaining funds through grant application; we will include a description of potential and emerging funding sources for GSP related tasks. As a potentially Disadvantaged Community, the basin may be eligible for grant and funding sources.

Task 3.6 – Basin Boundary Modification Evaluation

Formal modification of the Bulletin 118 boundary of the Warner Valley Groundwater Basin will be considered. The Bulletin 118 boundary assumed by SGMA is not the same boundary used in previous local studies, does not encompass Lake Henshaw, and may not be optimal for basin management. According to DWR, an opportunity to request modification of groundwater basin boundaries is planned for 2018. This could be an opportunity for the District to request official modification of a groundwater basin boundary that best supports local management. We note, however, that formal basin boundary modification potentially could trigger re-prioritization of the basin from very low to medium priority and result in mandatory compliance with SGMA. This task, led by Dudek with assistance from Todd, would consist of examining water basin boundaries and “white areas” (those located within the DWR defined boundary but outside of the VID boundary), to determine if a basin boundary modification application would be warranted and beneficial to VID.

Task 3.7 – Report for Task 3

This task will provide reporting for Task 3 and incorporate all deliverables into a unified document. An electronic draft (text in Word and figures and tables as pdf files) will be submitted to the District for comment. After submittal, selected team members will conduct a meeting with District staff. We will provide an agenda and PowerPoint presentation. We assume that the meeting will be held at District offices and will focus on discussion of comments, which we will address in a final draft. Five bound copies and an electronic version of the final Task 3 report will be submitted.

Task 3.8 – Conduct a Board of Directors Workshop

Key team members will prepare and conduct a workshop for the Board of Directors. At this workshop, the conclusions and recommendations of the report will be explained in understandable terms and presented to the Directors using a PowerPoint or other visual aid.

Task 4 – As-Needed Services

By virtue of completing Tasks 1 and 2, we will develop considerable expertise on basin hydrogeology and yield. We can apply this expertise in reviewing hydrogeologic reports by others and in meetings between the District and WSRR staff and consultants. Our exploration of potential basin yield using the groundwater model could serve as a basis for collaborating with WSRR to optimize recharge and pumping in the basin. We could also assist the District in its interactions with other agencies interested in groundwater management in the basin. As noted in Task 1.7, we recommend combining the kickoff meeting with a site visit to Warner Valley. These activities will be billed on a time-and-materials basis in accordance our current billing schedules. As per the RFP, we have included the following hours in the fee schedule for additional services: principal – 10 hours; project manager – 40 hours; engineer/professional – 100 hours; graphics – 40 hours; and administrative support – 20 hours.



Agenda Item: 11

STAFF REPORT

Board Meeting Date: June 21, 2017
Prepared By: Eldon Boone

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: 12.A

Board Meeting Date: June 21, 2017
Prepared By: Lisa Soto
Approved By: Eldon Boone

SUBJECT: REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS

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



STAFF REPORT

Agenda Item: 12.B

Board Meeting Date: June 21, 2017
Prepared By: Marian Schmidt
Approved By: Eldon Boone

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	Special District Leadership Academy Conference (CSDA) <i>July 9-12, 2017– Embassy Suites Napa Valley, Napa</i> <i>Registration deadline: 6/30/17</i>	Sanchez (R,A,C,H)
2 *	Council of Water Utilities Meeting <i>July 18, 2017 – 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 7/13/17</i>	
3	Water Reclamation and Reuse Conference (International Water Association) <i>July 23-27, 2017 – Long Beach</i> <i>Registration deadline: 7/10/17</i>	
4	How to Communicate Effectively Using Online Tools Webinar (CSDA) <i>July 27, 2017 – 10:00 a.m. – 11:00 a.m.</i> <i>Registration deadline: 7/24/17</i>	
5 *	Council of Water Utilities Meeting <i>Aug. 15, 2017 – 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 8/10/17</i>	
6	Urban Water Institute’s Annual Water Conference <i>Aug. 16-18, 2017 – Hilton San Diego Resort</i> <i>Registration deadline: 8/2/17</i>	Vásquez
7 *	CSDA Quarterly Dinner Meeting <i>Aug. 17, 2017 – 6:00-9:00 p.m. – The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 8/10/17</i>	MacKenzie Miller Sanchez Vásquez
8	Understanding the Brown Act (CSDA) <i>Aug. 23, 2017 – 9:00 a.m. – 1:00 p.m. – South Feather Water & Power, Oroville</i> <i>Registration deadline: 8/17/17</i>	
9	Staying in Compliance: Understand Special District Laws (CSDA) <i>Aug. 24, 2017 – Oxnard Harbor District, Port Hueneme</i> <i>Registration deadline: 8/18/17</i>	
10	Understanding the Brown Act (CSDA) <i>Aug. 30, 2017 – 9:00 a.m. – 1:00 p.m. – Port San Luis Harbor District, Avila Beach</i> <i>Registration deadline: 8/24/17</i>	
11	Legislative Round Up Webinar (CSDA) <i>Aug. 31, 2017 – 10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 8/25/17</i>	MacKenzie (R) Sanchez (R)
12	Understanding the Brown Act (CSDA) <i>Sept. 6, 2017 – 9:00 a.m. – 1:00 p.m. – Coachella Valley Water District, Palm Desert</i> <i>Registration deadline: 8/31/17</i>	
13*	Council of Water Utilities Meeting <i>Sept. 19, 2017 – 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 9/14/17</i>	

14	CSDA Annual Conference <i>Sept. 25-28, 2017 – Marriott and Monterey Conference Center, Monterey</i> <i>Registration deadline: 9/8/17</i>	MacKenzie (H) Sanchez (H)
15	Groundwater Resources Annual Conference & Meeting <i>Oct. 3-4, 2017 – Hilton Arden West, Sacramento</i> <i>Registration deadline: TBD</i>	Dorey
16	Northern California Tour Field Trip (Water Education Foundation) <i>Oct. 11-13, 2017 – Sacramento International Airport</i> <i>Reservation deadline: 9/27/17</i>	
17*	Council of Water Utilities Meeting <i>Oct. 17, 2017 – 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 10/12/17</i>	
18	Understanding the Brown Act (CSDA) <i>Nov. 1, 2017 – 9:00 a.m. – 1:00 p.m. – East Bay Municipal Utility District, Oakland</i> <i>Registration deadline: 10/26/17</i>	
19	San Joaquin River Restoration Tour Field Trip (Water Education Foundation) <i>Nov. 1-2, 2017 – Fresno</i> <i>Reservation deadline: 10/18/17</i>	
20	Understanding the Brown Act (CSDA) <i>Nov. 8, 2017 – 9:00 a.m. – 1:00 p.m. – Stockton East Water District, Stockton</i> <i>Registration deadline: 11/2/17</i>	
21	Required Ethics AB1234 Compliance Training Webinar (CSDA) <i>Nov. 8, 2017 – 10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 10/27/17</i>	
22*	CSDA Quarterly Dinner Meeting <i>Nov. 16, 2017 – 6:00-9:00 p.m. – The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 11/9/17</i>	
23*	Council of Water Utilities Meeting <i>Nov. 21, 2017 – 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 11/16/17</i>	
24	ACWA Fall Conference <i>Nov. 28-Dec. 1, 2017 – Anaheim Marriott Hotel</i> <i>Registration deadline: TBD</i>	
25	Colorado River Water Users Association (CRWUA) <i>Dec. 13-15, 2017 – Location TBD</i>	
26*	Council of Water Utilities Meeting <i>Dec. 19, 2017 – 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 12/14/17</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: 13

STAFF REPORT

Board Meeting Date: June 21, 2017
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:

- Grazing licenses on Warner Ranch
- Appointment of representative to the San Diego County Water Authority
- Lake Henshaw Concessionaire agreement



Agenda Item: 14

STAFF REPORT

Board Meeting Date: June 21, 2017
Prepared By: Lisa Soto

SUBJECT: COMMENTS BY DIRECTORS

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



Agenda Item: 15

STAFF REPORT

Board Meeting Date: June 21, 2017
Prepared By: Eldon Boone

SUBJECT: COMMENTS BY GENERAL COUNSEL

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



Agenda Item: 16

STAFF REPORT

Board Meeting Date: June 21, 2017
Prepared By: Eldon Boone

SUBJECT: COMMENTS BY GENERAL MANAGER

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