

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

September 7, 2016

A Regular Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, September 7, 2016, at the offices of the District, 1391 Engineer Street, Vista, California.

**1. CALL TO ORDER**

President Vásquez called the meeting to order at 8:32 a.m.

**2. ROLL CALL**

Directors present: Vásquez, Dorey, Reznicek, and MacKenzie.

Directors absent: Miller.

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; Frank Wolinski, Operations and Field Services Manager; Randy Whitmann; Engineering Project Manager; Al Ducusin, Engineering Department Manager; and Marian Schmidt, Administrative Assistant. General Counsel Joel Kuperberg was also present.

Other attendees: From Atkins, Project Manager Chris Moore; from the City of Escondido, Director of Community Services, Bill Martin and Deputy Director of Utilities/Construction and Engineering, Angela Morrow; and VID Intern from the San Diego County Water Authority, Cornelia Koch.

**3. PLEDGE OF ALLEGIANCE**

**4. APPROVAL OF AGENDA**

16-09-95	<i>Upon motion by Director MacKenzie, seconded by Director Dorey and unanimously carried (4 ayes: Vásquez, Dorey, Reznicek, and MacKenzie; 1 absent: Miller), the Board of Directors approved the agenda as presented.</i>
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**5. PUBLIC COMMENT TIME**

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

**6. CONSENT CALENDAR**

16-09-96	<i>Upon motion by Director MacKenzie, seconded by Director Reznicek and unanimously carried (4 ayes: Vásquez, Dorey, Reznicek, and MacKenzie; 1 absent: Miller), the Board of Directors approved the Consent Calendar, including Resolution No. 16-93 approving disbursements.</i>
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A. 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 and directed staff to record the documents with the County Recorder, over a single-family residence consisting of approximately 0.60 gross acres owned by Wondervado, L.L.C., a California Limited Liability Company, located at 1690 Elevado Road, Vista (APN 171-300-78; DIV NO 1).

B. Paving Services

See staff report attached hereto. Staff recommended and the Board authorized the General Manager to execute an agreement with Joe’s Paving, Inc. for paving services on Mar Vista Drive.

C. Minutes of Board of Directors meetings on August 17 and 26, 2016

The minutes of August 17 and 26, 2016 were approved as presented.

D. Resolution ratifying check disbursements

**RESOLUTION NO. 16-24**

**BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 53936 through 54133 drawn on Union Bank totaling \$854,110.94.**

**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 7<sup>th</sup> day of September 2016.**

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**7. SAN PASQUAL UNDERGROUNDING PROJECT**

See staff report attached hereto.

Director of Water Resources Don Smith introduced staff members from the City of Escondido (Escondido), Angela Morrow and Bill Martin, and from Atkins, Chris Moore. Mr. Smith provided an overview of the San Pasqual Undergrounding Project (SPUP) via a PowerPoint presentation (attached hereto as Exhibit A). Mr. Smith said that the SPUP is a requirement of the Indian Water Rights Settlement Agreement (Settlement Agreement), and its main objective is to increase public safety and reduce environmental impact on the San Pasqual Indian Reservation. Mr. Smith reviewed the four primary elements of the SPUP: 1) the desilting basin; 2) 2000’ of canal replacement; 3) 1.6 miles of 60-inch pipeline; and, 4) decommissioning and reclamation of 2.5 miles of old canal right-of-way. He stated that the estimated cost of the project is \$25-30 million, which would be split equally between Escondido and Vista Irrigation District (VID). Mr. Smith said that the SPUP is expected to take two years to complete, and in accordance with the Settlement Agreement, must be completed within six years of the effective date the Settlement Agreement.

Atkins Project Manager Chris Moore provided an overview of the key findings in the San Pasqual Undergrounding Project Environmental Assessment/Mitigated Negative Declaration (EA/MND) document via a PowerPoint presentation (attached hereto as Exhibit B). Mr. Moore noted that the document was released for public review on August 16, with the 30-day comment period ending on September 14. He reviewed the timeline for satisfying the requirements of the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). Mr. Moore said that the final EA/MND would be presented to VID and Escondido in mid-October, and the issuance of the Notice of Determination would take place around mid-November. Mr. Moore said that the final step will be to obtain approval of the EA/MND from the Bureau of Indian Affairs by the end of November 2016.

The Board discussed the timeline and posed hypothetical circumstances that could derail it. Mr. Smith provided clarification regarding the types of issues that would be considered “force majeure” (unforeseeable circumstances) events under the Settlement Agreement. The Board discussed the key permits and approvals that will be needed for the SPUP, including an Assembly Bill 52 (AB 52) consultation and a US Army Corps of Engineers Clean Water Act 404 permit. Mr. Smith noted that as Lead Agency, Escondido will be the approving party for the EA/MND document. Mr. Kuperberg clarified that VID, as a “Responsible Agency”, is part of the approval chain but the primary actor would be the Lead Agency. Mr. Martin reported that Escondido staff had a very successful AB 52 consultation with the Rincon and the San Luis Rey tribes, and both tribes agreed to conclude the consultation process.

Bill Martin, Chris Moore, and Angela Morrow left the meeting at this time.

## **8. DIVISION REPORTS**

See staff report attached hereto.

Mr. Boone pointed out on Page 4 of the Division Report, staff’s proposed language and format for reporting the District’s conservation data. Mr. Boone recalled that even though the State mandated conservation standard is zero percent at this time, the Board requested that the District’s conservation efforts continue to be reported in the monthly division reports. Mr. Boone said that staff is showing the data in the same context as the State and the media.

Engineering Project Manager Randy Whitmann updated the Board regarding the flume relocation project at Hidden Valley Estates. He said that comments were received from Cass Construction regarding the project plans and as a result, the plans for one transition section of the pipeline have been revised. Mr. Whitmann said that Cass Construction has since provided a bid on the project, which will be forthcoming for the Board’s consideration at the next Board meeting.

Director of Engineering Brian Smith provided an update regarding the development of guidelines for outsourcing the design and construction of pipeline replacement projects for the District. Mr. Smith said that proposals have been received and reviewed by staff, and the selection field has been narrowed to one consultant. Mr. Smith said that this item is planned to be presented for the Board’s consideration at the next Board meeting.

Operations and Field Services Manager Frank Wolinski clarified that the District received no water from the City of Oceanside (Oceanside) in July because the Weese Filtration Plant had been offline for a period of time. Upon its return to service, the plant had only limited capacity, which was designated for Oceanside’s use. The District purchased additional water from the San Diego County Water Authority during that time.

Intern Cornelia Koch left the meeting during the above discussion.

## 9. PLUMBING SERVICES AGREEMENT AMENDMENT

See staff report attached hereto.

Mr. Boone provided background on the matter stating that when the District performs mainline replacements, meters sometimes need to be relocated. Mr. Boone said that because the District never performs work on the customer's private service lateral, the work of relocating the customer's lateral to the new meter location (meter tie-back) is outsourced. Mr. Boone said that for the past three years Big Drip Plumbing has provided the lowest bid to do this work, and has won all of the contracts over that period of time. Mr. Boone said that Big Drip Plumbing's price has not changed in three years. No other plumbing contractors have bid on the work in recent years for several reasons including the following: 1) Big Drip Plumbing's pricing; 2) insurance requirements imposed by the District's insurer; and, 3) Department of Industrial Relations registration and prevailing wage reporting requirements. Mr. Boone said that staff plans to extend the District's reach by sending out Requests for Qualifications (RFQs) to plumbers both inside and outside the area, to see if additional plumbing contractors can be found that are qualified and willing to bid on the work in the future.

Mr. Boone said that at the end of the last fiscal year, the District began ramping up its mainline replacement projects which necessitated more meter tie-backs. The total cost of meter tie-back services, which can vary from job to job, exceeded the annual agreement amount of \$49,000 by \$13,250. Mr. Boone said that the District has paid the overage, and staff is requesting that the Board ratify this payment. Mr. Boone said that because the District plans to continue its accelerated mainline replacement program, staff is further requesting that the Board amend the agreement for plumbing services with Big Drip Plumbing for a total amount not to exceed \$100,000 for fiscal year 2017.

Director MacKenzie asked if Big Drip Plumbing is prepared to take on the additional work. Mr. Boone responded that as the amount of work has been increasing, Big Drip Plumbing has demonstrated the ability to take on the additional work while continuing to provide very good service to the District and its customers. Mr. Boone said that the reason for staff's plan to send out an RFQ to other plumbing contractors is to confirm and demonstrate that the District is getting the best pricing, and to have additional plumbing contractors already vetted if the need should arise in the future.

16-09-97 *Upon motion by Director Dorey, seconded by Director Reznicek and unanimously carried (4 ayes: Vásquez, Dorey, Reznicek, and MacKenzie; 1 absent: Miller), the Board of Directors ratified the payment of \$13,250 to Big Drip Plumbing and authorized the General Manager to amend the agreement for plumbing services with Big Drip Plumbing for a total amount not exceed to \$100,000 for fiscal year 2017.*

## 10. UPPER SAN LUIS REY WATERSHED AUTHORITY PARTICIPATION

See staff report attached hereto.

Mr. Boone recalled that in July the Board considered resuming the District's participation in the Upper San Luis Rey Watershed Authority (USLRWA). At that time, the Board chose to table the discussion until September. Mr. Boone noted the USLRWA has since cancelled both its August and its September meetings with its next meeting scheduled for October 12. Consequently, there is nothing new to report. The Board discussed the matter briefly. Director Reznicek moved, and Director MacKenzie seconded, that staff be directed to bring this matter back for consideration by the Board when conditions related to the District's reason for leaving the USLRWA have changed. Upon further discussion, Director Reznicek withdrew his motion.

The Board discussed the fees for membership to the USLRWA. Mr. Don Smith responded that, to his recollection, there was a fee of \$2,500 paid by the District at the time of the USLRWA's formation. Mr. Smith said that he did not believe that there have been regular fee assessments since that time. Mr. Smith said that since the USLRWA has committed to contributing \$10,000 to a new Groundwater Sustainability Agency for the upper San Luis Rey Valley groundwater basin once it is formed, there has been discussion by the USLRWA Board about the need to collect another \$2,500 from each of its members. Director Dorey recalled other expenses that have been paid by the USLRWA which have also contributed to the need for a special assessment from its membership.

16-09-98 *Upon motion by Director Reznicek, seconded by Director MacKenzie and unanimously carried (4 ayes: Vásquez, Dorey, Reznicek, and MacKenzie; 1 absent: Miller), the Board of Directors tabled the matter of whether or not to participate with the Upper San Luis Rey Watershed Authority until all five Board members are present for the discussion.*

Al Ducusin left the meeting following the above discussion.

#### **11. STATUS OF SAN LUIS REY INDIAN WATER RIGHTS SETTLEMENT IMPLEMENTATION**

See staff report attached hereto.

Mr. Boone reported that the Office of Management and Budget (OMB) has taken a new position regarding the Exhaustion Amendment in the Settlement Agreement. The Congressional Budget Office (CBO) has indicated that in order to give the Exhaustion Option a zero score, its classification will have to be written into the legislation, which will require an amendment to the legislation. Mr. Boone said that this amendment is being worked on but it may not be ready in time for when Congress goes back into session the following week.

Regarding the local water system rights-of-way, Mr. Boone said that the Departments of the Interior and Justice have both agreed on wording for the Stipulation Agreement for the right-of-ways. Mr. Boone updated the Board regarding the Escondido-VID Water Facilities Agreement, stating that this agreement was covering all of the facilities from the Henshaw wellfield to the Escondido-Vista Water Treatment Plant (EVWTP). The latest draft the District received from the City of Escondido (Escondido) proposes to remove the EVWTP from the agreement and leave the current stand-alone agreement in place. Mr. Boone said that thus far, the District is agreeable to this proposal but he and Mr. Don Smith are still in the process of reviewing the draft agreement as proposed by Escondido. Mr. Boone said that VID staff intends to also review the current agreement pertaining to the EVWTP to see if any updates would be warranted in order for it to remain a stand-alone agreement.

Mr. Boone mentioned the unfortunate passing of Ben Magante, President of the San Luis Rey Indian Water Authority. Mr. Boone said that when details for services are known, the information would be disseminated to the Board, and flowers would be sent.

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

See staff report attached hereto.

Mr. Boone noted that a summary of formal actions taken by the Water Authority Board at its August 25 meeting was included with the Board's agenda packets. Mr. Boone reported that the Water Authority would be hosting a conference call later that afternoon regarding the State's long-term water conservation standards, which he planned on attending.

A break was taken from 10:17 a.m. to 10:25 a.m.

**13. REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS, AND AUTHORIZATION FOR DIRECTOR ATTENDANCE AT UPCOMING MEETINGS AND EVENTS**

See staff report attached hereto.

Director Reznicek noted that the flyer for the October 28 Association of California Water Agencies (ACWA) Region 10 Program indicated that space is limited and filling up quickly for this event. The Assistant Secretary responded that she would register the attendees from VID that day.

Director Dorey reported on his attendance at a meeting of the ACWA Joint Powers Insurance Authority Liability Committee, where excess liability insurance was one of the topics of discussion. The rate for liability coverage was discussed with the Committee recommending a five percent cut this year. Director Dorey said that the Committee had discussed a ten percent cut but there was concern that ten percent might be too great in light of the high cost of excess liability insurance, which is expected to escalate even more next year.

Director MacKenzie reported on her attendance at a meeting of the Special District Leadership Foundation (SDLF) Board of Directors where the Board reviewed scholarships awarded this year totaling approximately \$45,000. The SDLF Board also reviewed the budget and program offerings, and discussed possible updates to some of its programs.

Director MacKenzie reported on her attendance at a meeting of the California Special Districts Association (CSDA) Board of Directors where the Board discussed the CSDA Strategic Plan. The CSDA Board also discussed the need for additional district representatives and has proposed the addition of four more over the next two years. The Board approved an approximately six percent increase to membership dues for the next few years before going back to the regular four or five percent annual increases.

Director MacKenzie reported on her attendance at the Urban Water Institute Annual Water Conference; she attended sessions on storm water run-off and on the five different conservation mandates that have gone into effect between April 2015 and August 2016. She also attended an enlightening session on the recent water crisis in Flint Michigan. Director MacKenzie noted that Mark Watton, General Manager of Otay Water District presented an overview of the desalination project being planned for Rosarito Beach, Mexico. He stated that the land for the project has been purchased, both governments (Mexico and the United States) are on-board with the project, and the estimated cost of the water produced by the project will be about \$2,200 per acre foot. The plant will produce about 54 million gallons of desalinated water per day.

President Vásquez reported on his attendance at the Urban Water Institute Annual Water Conference where he found the presentation regarding the Colorado River particularly interesting. President Vásquez said that there is concern that the water levels at Lake Mead and Lake Powell could reach a point where they will be too low to generate power. President Vásquez also commented on the Flint Michigan water crisis presentation, and the presentation by Mark Watton regarding the Rosarito desalination project.

President Vásquez requested authorization to attend the Colorado River Water Users Association Annual Conference in Las Vegas, December 14-16. He said that he would make a final decision whether or not he will be able to attend at a later date. He also requested to attend the September 20 meeting of the Council of Water Utilities.

16-09-99 *Upon motion by Director Dorey, seconded by Director MacKenzie and unanimously carried (4 ayes: Vásquez, Dorey, Reznicek, and MacKenzie; 1 absent: Miller), the Board of Directors authorized President Vásquez to attend the Colorado River Water Users Association Annual Conference in Las Vegas, December 14-16, and the September 20 meeting of the Council of Water Utilities.*

**14. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES**

See staff report attached hereto.

None were presented.

**15. COMMENTS BY DIRECTORS**

Director MacKenzie requested clarification regarding the City's street sweeping trucks, and how they are charged for the water they use. Mr. Boone responded that the City trucks that use water for street sweeping or for sewer service carry construction meters to track their water use so they can be accurately billed on a monthly basis by the District.

Director MacKenzie requested that if additional funds are needed in order to fulfill a contract, the matter be addressed before an overpayment is made. Mr. Boone agreed, adding that this is always staff's goal. Mr. Boone said that there may be a few more clean-up items to bring before the Board from the past, but with the procedures that are in place contract overages should not occur again.

Director Reznicek informed the Board that he will be absent for the October 5 Board meeting. He confirmed that he will attend at the CSDA Conference the week of October 10.

Mr. Boone suggested that since Director Dorey may be absent from the September 21 Board meeting and Director Reznicek will be absent from the October 5 Board meeting that the agenda items for which the Board has requested the presence of all five members be agendized for October 19. Mr. Boone recalled the two items pending the full Board's consideration: 1) consideration of the District's participation in the Upper San Luis Rey Watershed Authority; and 2) consideration of meetings and events eligible for Board compensation. The Board concurred with Mr. Boone's suggestion.

**16. COMMENTS BY GENERAL COUNSEL**

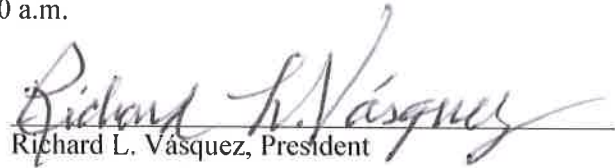
Mr. Kuperberg informed the Board that Governor Brown signed SB 814 regarding drought and excessive water use. This bill, during prescribed periods, will require agencies to establish a method to identify and discourage excessive water use. It will authorize as a method to identify and discourage excessive water use the establishment of a rate structure that includes block tiers, water budgets, or rate surcharges over and above base rates for excessive water use by residential customers.

**17. COMMENTS BY GENERAL MANAGER**

Mr. Boone updated the Board on the first of what will be a series of Little Hoover Commission (LHC) hearings regarding special districts. Mr. Boone said that the last time the LHC convened regarding special districts was in 2000, and the resulting report highlighted concerns about special district reserve funds, consolidation of special districts, and special district property taxes. Mr. Boone said the recent hearing reviewed these past issues and determined the new focus of the LHC will be on how special districts are reacting to climate change and exploring the landscape of healthcare districts, particularly those without hospitals.

**18. ADJOURNMENT**

There being no further business to come before the Board, at 11:26 a.m. President Vásquez adjourned the meeting to September 21, 2016 at 9:00 a.m.

  
Richard L. Vásquez, President

ATTEST:

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





## STAFF REPORT

Agenda Item: 6.A

Board Meeting Date:	September 7, 2016
Prepared By:	Al Ducusin
Reviewed By:	Brian Smith
Approved By:	Eldon Boone

SUBJECT: ASSIGNMENT OF WATER RIGHTS AND IMPORTED WATER ENTITLEMENT

RECOMMENDATION: That the Board approve the Assignment of Water Rights and Imported Water Entitlement and direct staff to record the documents with the County Recorder, over a single-family residence consisting of approximately 0.60 gross acres owned by Wondervado, L.L.C., a California Limited Liability Company, located at 1690 Elevado Road, Vista (APN 171-300-78; DIV NO 1).

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: The approval of the Assignment of Water Rights and Imported Water Entitlement documents will allow the property to have full water rights for domestic service.

DETAILED REPORT: The owner is in the process of developing a single-family residence on Elevado Road. On April 25, 2016, Jay Berger, managing member of Wondervado, L.L.C., applied and paid for one 3/4" domestic water meter (Water Application No. WA2016.0032).

ATTACHMENTS: See attached maps.



SW CORNER OF LAND  
CONVEYED TO LLOYD C. MOORE,  
ET UX, BY DEED REC. 4/30/68,  
INST. NO. 72137 OF O.R.

PORTION OF  
SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , OF  
SEC.8, T11S, R3W  
APN: 171-300-78  
TOTAL: 0.60 AC

N00°22'55"E 325.00'

N89°57'15"E 165.00'

S00°22'55"W 135.00'

N89°57'15"W 145.00'

TRUE POINT  
OF BEGINNING

S00°22'55"W 190.00'

N00°22'55"E 190.00'

POINT OF COMMENCEMENT  
SOUTH LINE OF  
SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , OF  
SEC.28, T11S, R3W

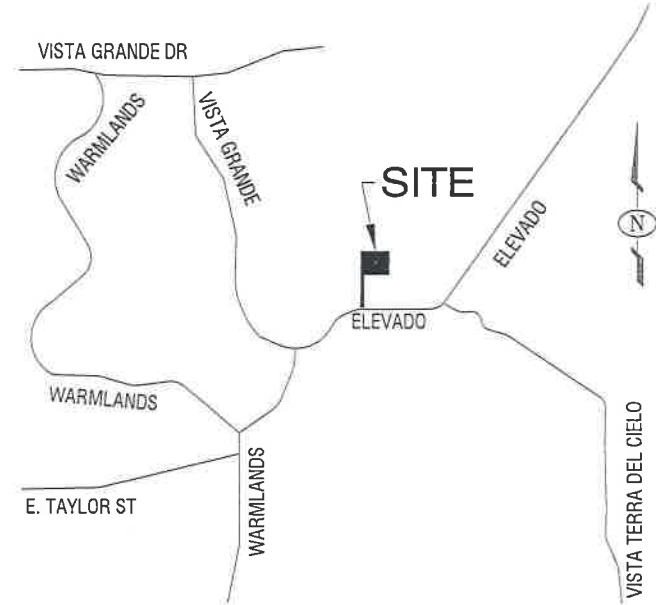
**ELEVADO RD**

N89°57'15"E 165.00'

**ELEVADO RD**

N89°57'15"W  
20.00'


OWNER:  
WONDERVADO, LLC, a California  
Limited Liability Company  
7963 DEERFIELD STREET  
SAN DIEGO, CA 92120



**SITE**

**VICINITY MAP**  
NO SCALE

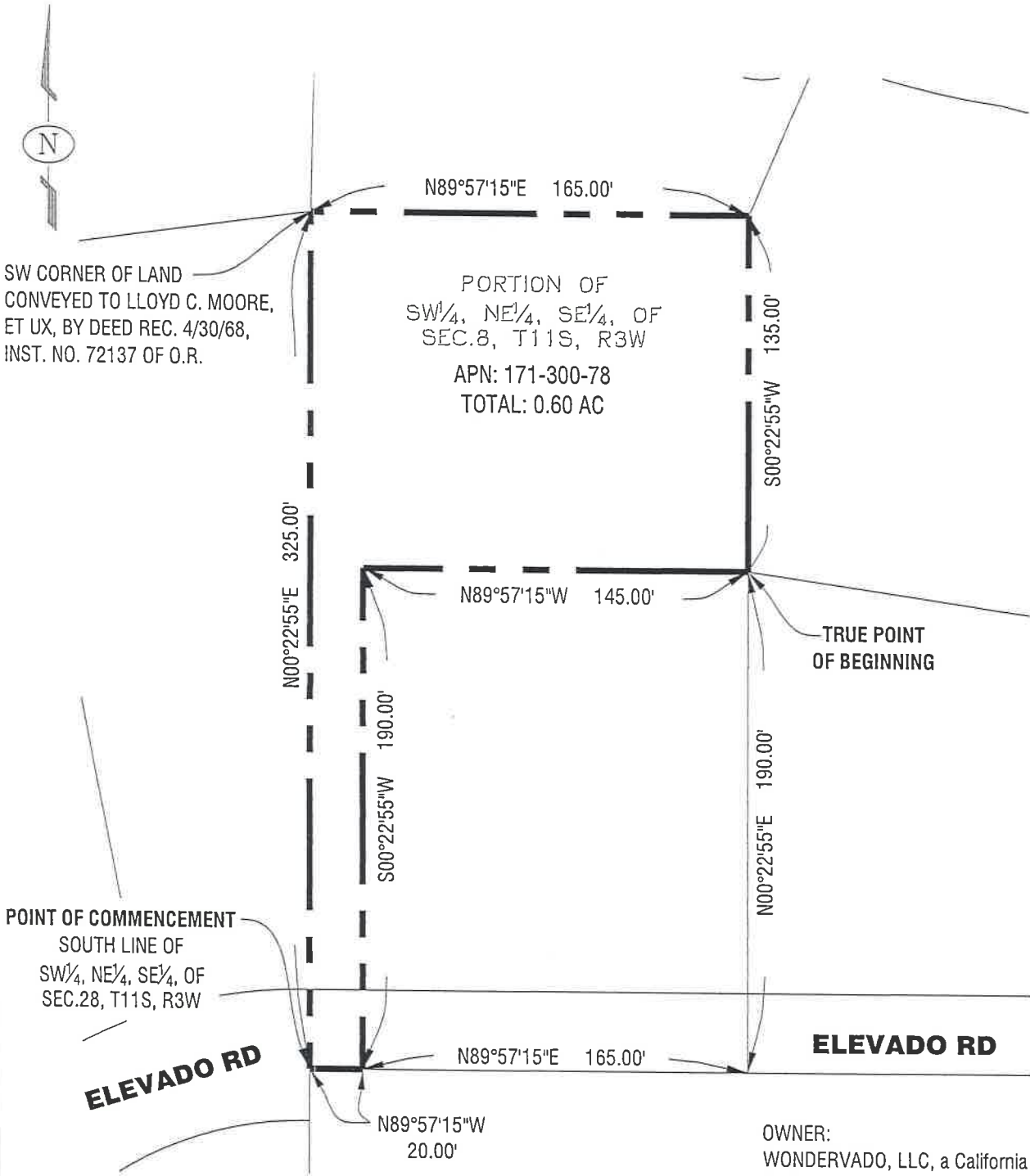
**LEGEND**

-  ASSIGNMENT  
(WAIVER OF WATER RIGHTS)
- WAS: 0.09 AC IRR  
0.51 AC WAIVED
- NOW: 0.60 AC WAIVED

**VISTA IRRIGATION DISTRICT**

**ASSIGNMENT  
(WAIVER OF WATER RIGHTS)**

APN 171-300-78-00	T.B.
SCALE: NTS	L.N.
APPD. BY <i>AD</i>	DATE <i>8/26/16</i>
DRAWN BY: JRB	DATE: 05/23/16
SHEET 1 OF 1	MAP: I8
W.O.	

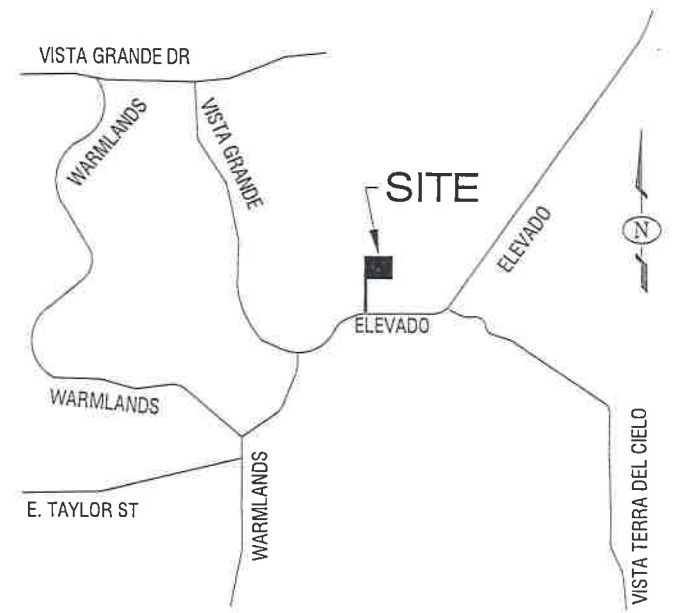


SW CORNER OF LAND  
CONVEYED TO LLOYD C. MOORE,  
ET UX, BY DEED REC. 4/30/68,  
INST. NO. 72137 OF O.R.

PORTION OF  
SW<sup>1</sup>/<sub>4</sub>, NE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>, OF  
SEC.8, T11S, R3W  
APN: 171-300-78  
TOTAL: 0.60 AC


POINT OF COMMENCEMENT  
SOUTH LINE OF  
SW<sup>1</sup>/<sub>4</sub>, NE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>, OF  
SEC.28, T11S, R3W

OWNER:  
WONDERVADO, LLC, a California  
Limited Liability Company  
7963 DEERFIELD STREET  
SAN DIEGO, CA 92120



**VICINITY MAP**  
NO SCALE

**LEGEND**

-  IMPORTED WATER ENTITLEMENT
- WAS: 0.60 AC WAIVED
- NOW: 0.60 AC IMPORTED WATER

**VISTA IRRIGATION DISTRICT**

**IMPORTED WATER ENTITLEMENT**

APN 171-300-78-00		T.B.
SCALE: NTS		L.N.
APPD. BY <i>AD</i>	DATE <i>3/26/16</i>	W.O.
DRAWN BY: JRB	DATE: 05/23/16	
SHEET 1 OF 1	MAP: I8	



## STAFF REPORT

**Agenda Item: 6.B**

**Board Meeting Date:** September 7, 2016  
**Prepared By:** Frank Wolinski  
**Reviewed By:** Don Smith  
**Approved By:** Eldon Boone

SUBJECT: PAVING SERVICES

RECOMMENDATION: Authorize the General Manager to execute an agreement with Joe's Paving, Inc. for paving services on Mar Vista Drive.

PRIOR BOARD ACTION: Approved as part of the Fiscal Year 2017 Budget (Capital Item 17-02).

FISCAL IMPACT: \$79,447.80

SUMMARY: The District solicited bids from seven contractors for final asphalt repairs for this project. Three bids were received. Joe's Paving, Inc. responded with the lowest bid.

DETAILED REPORT: District staff installed 960 feet of 10" PVC pipe on Mar Vista Drive and approximately 900 feet of 6" PVC pipe on adjacent private easements. This project replaced a portion of 6" steel pipe (installed in 1954) on Mar Vista Drive, eliminated Nipponite pipe from two private easements and allowed for the abandonment of approximately 1,450 feet of 6" steel pipe installed in 1947. Bids were solicited for asphalt repair work on this job and the results are as follows:

Joe's Paving, Inc.	\$79,447.80
Eagle Paving	\$97,893.00
Peters Paving & Grading, Inc.	\$99,882.00

# Cash Disbursement Report



Payment Dates 08/04/2016 - 08/24/2016

Payment Number	Payment Date	Vendor	Description	Amount
53936	08/10/2016	Active Auto Collision	Truck #66 Repair	1,880.84
53937	08/10/2016	Allied Electronics Inc	Electrical/SCADA Supplies	699.73
53938	08/10/2016	Apache Asphalt & Seal Corp	Deposit Refund	272.57
53939	08/10/2016	Aquajet Art	Stainless Lock Bars for Generators	264.60
	08/10/2016		Stainless Steel Lock Bar Tracks	123.90
53940	08/10/2016	AT&T	Web Security 07/2016	66.00
53941	08/10/2016	Big Drip Plumbing	Meter Tie Backs	8,250.00
53942	08/10/2016	Boot World Inc	Footwear Program	174.94
53943	08/10/2016	Breckenridge Property Fund 2015 LLC	Customer Refund - Closing	108.34
53944	08/10/2016	Canon Solutions America, Inc	Copier Maintenance	27.01
53945	08/10/2016	Carpet Club	Vinyl Tile & Carpet Replacement at VID Headquarter	25,417.50
53946	08/10/2016	Cecilia's Safety Service Inc	Traffic Control - Mar Vista	6,055.00
	08/10/2016		Traffic Control - Fairview Dr	3,270.00
	08/10/2016		Traffic Control - Clarence Dr	855.00
53947	08/10/2016	City Of Escondido	EVWTP OSG Expenses 04/2016 - 06/2016	188,270.35
53948	08/10/2016	City of San Marcos	ROW Permit - Las Flores Dr	50.00
53949	08/10/2016	Department of Forestry & Fire Protection	Weed Cutting	456.96
53950	08/10/2016	Diamond Environmental Services	Portable Restroom Service	89.73
	08/10/2016		Portable & Stationary Service	190.72
53951	08/10/2016	El Camino Rental	Concrete	148.65
53952	08/10/2016	Escondido Metal Supply	Pipe, Hinges	119.92
53953	08/10/2016	Fastenal	Stainless Hardware	65.83
53954	08/10/2016	FedEx Office	Laminated Maps	83.07
53955	08/10/2016	Ferguson Waterworks	Coupling 4" Repair XR501 (4)	703.08
	08/10/2016		Pipe Wrap Tape (48)	208.32
53956	08/10/2016	FreeWave Technologies Inc	Ethernet Radio Accessories	305.43
53957	08/10/2016	Gallade Chemical Inc	Sodium Hexametaphosphate	3,150.84
53958	08/10/2016	Garrett & Marianne Kuehn	Customer Refund - Closing	1,649.54
53959	08/10/2016	Glennie's Office Products Inc	Office Supplies	15.90
53960	08/10/2016	Grainger	Relay Socket, Cutting Oil - SCADA Supplies	119.58
	08/10/2016		Electrical Safety Reference Book	125.38
	08/10/2016		Measurement Tools	214.35
	08/10/2016		Generator Enclosure Supplies	363.55
	08/10/2016		Aluminum Scoop, Hinges	50.59

Payment Number	Payment Date	Vendor	Description	Amount
53961	08/10/2016	H F Scientific Inc	DPD for c/2 Analysis	480.57
53962	08/10/2016	Hello Deli	Business Lunch 08/02/16 (4)	37.75
53963	08/10/2016	Holly Gerdes	Customer Refund - Closing	49.09
53964	08/10/2016	Home Depot Credit Services	Channellock Pliers	17.34
	08/10/2016		Battery	(85.70)
	08/10/2016		Drill	215.92
	08/10/2016		Tools	180.87
	08/10/2016		Tools	44.92
	08/10/2016		Plumbing Parts	7.19
	08/10/2016		Plumbing Supplies	(22.28)
	08/10/2016		Plumbing Parts	50.92
	08/10/2016		Parts for Garbage Disposal	5.18
	08/10/2016		Runner Carpet	49.59
	08/10/2016		Plumbing Parts	10.70
	08/10/2016		Brushes	10.78
	08/10/2016		Propane	21.67
	08/10/2016		Air Filter Units	468.63
	08/10/2016		Paint Supplies	35.33
	08/10/2016		Paint Supplies	169.85
	08/10/2016		Garbage Disposal	147.58
	08/10/2016		Carpet Runner	61.57
	08/10/2016		Paint	191.94
	08/10/2016		Lag Screws, Tools	179.84
	08/10/2016		Electrical Plug	3.21
	08/10/2016		Form Boards, Hardware	312.20
	08/10/2016		Bathroom Repair Supplies	131.58
	08/10/2016		Cooler Pads	(34.59)
	08/10/2016		Tools	334.69
	08/10/2016		File Cabinet Locks	37.69
	08/10/2016		Power Tool Cords	43.27
	08/10/2016		Material for Generator Enclosure	183.06
	08/10/2016		Electrical Supplies	143.06
	08/10/2016		Power Tool Cords	(34.59)
	08/10/2016		Power Tool Cords	34.59
	08/10/2016		Cell Phone Holders	56.29
53965	08/10/2016	Infrastructure Engineering Corporation	AB Line, Meyers Siphon Repl 5/28/16-6/30/16	5,622.02
53966	08/10/2016	Interstate Battery of San Diego Inc	Battery - Truck 1	81.75
53967	08/10/2016	Ken Grody Ford Carlsbad	License Plate Lamp - Truck 34	12.26
53968	08/10/2016	Kimball Midwest	Spray Lube, Paint	40.36
53969	08/10/2016	L.I.M. Investments Co Inc	Customer Refund - Closing	203.58

Payment Number	Payment Date	Vendor	Description	Amount
53970	08/10/2016	Lighthouse Inc	LED Light Bar, Mounting Kit - Truck 57	1,201.55
53971	08/10/2016	Lightning Messenger Express	Messenger Service 07/29/2016	58.00
53972	08/10/2016	Major League Pest/Gemini Pest Control	Bee Removal (8)	680.00
53973	08/10/2016	Marc Ehnes	Customer Refund - Closing	121.66
53974	08/10/2016	McMaster-Carr Supply Company	Safety Rail Parts for "A" Reservoir	128.50
	08/10/2016		Safety Rails	154.00
53975	08/10/2016	Michael Laros	Customer Refund - Closing	13.05
53976	08/10/2016	Mission Resource Conservation District	Water Audit 07/2016	164.00
53977	08/10/2016	Moodys	Dump Fee	150.00
53978	08/10/2016	NAPA Auto Parts	Rear Marker Lamp - Truck 5	17.89
	08/10/2016		Dash Switch, Safety Cap, Wire, Gas Can	155.17
53979	08/10/2016	Networks 2000	HP Foundation Care Svc - DL360 G7 1 year renewal	427.39
53980	08/10/2016	North County Auto Parts	Wrench	119.75
	08/10/2016		Oil Filters, Brake Pads	36.18
	08/10/2016		Turn Brake Rotors - Car 9	37.00
	08/10/2016		A/C Blower Motor Switch - Truck 1	17.60
	08/10/2016		Oil, Filters - Truck 62	38.65
	08/10/2016		Shocks - Truck 49	155.61
	08/10/2016		Cleaners, Degreaser, Wipers, Clamps, Fuse Kit	226.59
	08/10/2016		Gas Can - Truck 30	60.86
	08/10/2016		Degreaser - Shop	8.96
	08/10/2016		Plug	2.17
53981	08/10/2016	O'Reilly Auto Parts	Vehicle Air Fresheners - Shop	27.07
53982	08/10/2016	Pacific Pipeline Supply	Gaskets, Brass Handles	197.30
53983	08/10/2016	Benetrac	Employee Benefits Tracking 08/2016	400.00
53984	08/10/2016	Ramco Petroleum	Fuel 06/2016	1,285.84
53985	08/10/2016	Interstate All Battery Center	Batteries - UPS & Seismic	640.58
53986	08/10/2016	RDO Water LLC	Plumbing Fittings	111.90
53987	08/10/2016	Red Wing Shoe Store	Footwear Program - R Hogge	223.33
53988	08/10/2016	Regina L Walsh	Customer Refund - Closing	47.48
53989	08/10/2016	San Diego Gas & Electric	Electric 07/2016	19,150.05
53990	08/10/2016	SimplexGrinnell	Replacement of Fire Sprinkler Heads	4,222.58
53991	08/10/2016	SiteOne Landscape Supply, LLC	PVC Pipe	707.62
53992	08/10/2016	Society for Human Resource Management	Membership Dues 09/2016- 08/2017	190.00
53993	08/10/2016	Southern California Water Committee	Membership Dues 2016/2017	600.00
53994	08/10/2016	Sunrise Materials Inc	Rapid Set Cement	45.57
53995	08/10/2016	The Equity Company	Customer Refund - Closing	30.32
53996	08/10/2016	Midas Service Experts	Tires/Mounting/Alignment - Truck 24	670.90
	08/10/2016		Tires & Mounting (2) - Truck 49	348.62
	08/10/2016		Tires/Mounting/Alignment (2) - Truck 29	248.85

Payment Number	Payment Date	Vendor	Description	Amount
53997	08/10/2016	TS Industrial Supply	Marking Paint (192)	695.32
53998	08/10/2016	USPS-Hasler	Replenish Postage Meter 08/2016	2,500.00
53999	08/10/2016	Verizon Wireless	SCADA Remote Access Aircards 06/21/16- 07/20/16	242.71
54000	08/10/2016	VG Donuts & Bakery Inc	Board Mtg 08/03/16	28.34
54001	08/17/2016	All Business Products	Office Supplies	891.00
54002	08/17/2016	Accela, Inc #774375	HP9000 Programming 06/2016	975.00
54003	08/17/2016	Airgas USA LLC	Cylinder Lease	118.00
54004	08/17/2016	Alignment Plus	Truck #20 Align and balance	569.55
54005	08/17/2016	American Backflow Specialties, Inc	Test Gauge for Backflow Testing	844.50
54006	08/17/2016	Asphalt Zipper Co	25 Bit Holder	266.99
54007	08/17/2016	Boot World Inc	Footwear Program	340.20
54008	08/17/2016	Cal Poly	VID Scholarship 08/2016 - Nicholas Smith	1,500.00
54009	08/17/2016	Capital One Commercial	Warehouse Supplies	2,286.61
	08/17/2016		Trash Bags (12 Boxes)	126.53
	08/17/2016		Mop Heads & Sealing Tape - Warehouse	85.21
	08/17/2016		Floor Mats (6)	127.53
	08/17/2016		Training Refreshments	127.72
	08/17/2016		All Hands Supplies	110.40
	08/17/2016		Fans for Warehouse (2)	650.98
54010	08/17/2016	CDW Government Inc	Office Supplies	477.40
54011	08/17/2016	Cecilia's Safety Service Inc	Traffic Control - Thibodo	3,570.00
	08/17/2016		Traffic Control - Camino Patricia	722.50
	08/17/2016		Traffic Control - Las Flores Dr	2,985.00
	08/17/2016		Traffic Control Pothole Main-Svc Lateral	1,360.00
	08/17/2016		Traffic Control Emergency Main Line Repair	760.00
	08/17/2016		Traffic Control - Vale Terrace	435.00
	08/17/2016		Traffic Control - N Santa Fe	1,462.50
54012	08/17/2016	Christopher Craghead	Computer Loan Program 08/2016	909.79
54013	08/17/2016	City Of Escondido	San Pasqual Canal Undergrounding 04/16-06/16	44,267.53
54014	08/17/2016	EDCO Waste & Recycling Services Inc	40 yd Dumpster	850.12
54015	08/17/2016	EdgeWave, Inc	iPrism 35G Appliance & 3 yr Service	9,785.42
54016	08/17/2016	EH Wachs Company	Valve Turner/ Vacuum	59,805.02
54017	08/17/2016	Electrical Sales Inc	Electrical Supplies	934.97
54018	08/17/2016	Ferguson Waterworks	Gate Valve 6" POxFL R/W C900 (4)	2,595.32
	08/17/2016		Gate Valve 8" R/S Cast Iron Flange (8)	8,089.76
	08/17/2016		Fire Hydrant Check Valve (2)	2,473.80
	08/17/2016		Fire Hydrant Check Valve (16)	19,790.40
	08/17/2016		Coupling 4" Repair XR501 (2)	351.54
	08/17/2016		Clamps, Lube, Gaskets, Pipe & Electrical Tape	1,447.40
	08/17/2016		Underwater Lube (3)	107.42



Payment Number	Payment Date	Vendor	Description	Amount
	08/17/2016		Brass Bolts & Nuts	2,235.11
54019	08/17/2016	First Bankcard	Water Education Seminar	20.00
	08/17/2016		Water Education Seminar	130.00
	08/17/2016		Water Education Seminar	130.00
	08/17/2016		Water Education Seminar	130.00
	08/17/2016		Water Education Seminar	130.00
	08/17/2016		Water Education Seminar	130.00
	08/17/2016		Water Education Seminar	130.00
	08/17/2016		ACWA Committee Mtg - P Dorey	117.96
	08/17/2016		Urban Water Conference - J MacKenzie	475.00
	08/17/2016		Urban Water Conference - R Vasquez	475.00
54020	08/17/2016	First Bankcard	Southern California Water Committee Mtg - P Dorey	70.00
54021	08/17/2016	Glennie's Office Products Inc	Office Supplies	121.99
54022	08/17/2016	Grainger	Can Smoke, Filters	103.72
	08/17/2016		Brass Air Vents, Capacitors	56.96
54023	08/17/2016	Hach Company	Lab Supplies	313.54
54024	08/17/2016	Hawthorne Machinery Co	Wear Pads - B19	247.41
54025	08/17/2016	HD Supply Waterworks	Service Saddle 8x1 C900 PVC (13)	1,667.92
	08/17/2016		Corp Stop 1" Flare (13)	664.06
	08/17/2016		Pipe 6" PVC DR-14 C900 (20)	91.57
	08/17/2016		Ell 6"x16" POxFL Bury Cast Iron	218.09
	08/17/2016		Fire Hydrant Check Valve	1,247.75
	08/17/2016		Curb Stop 1" Flare (13)	1,213.59
	08/17/2016		Pipe 6" PVC DR-14 C900 (40)	183.15
	08/17/2016		Pipe 8" PVC DR-14 C900 (20)	154.50
	08/17/2016		Pipe 8" PVC DR-14 C900 (500)	3,862.60
	08/17/2016		Tubing 1" Copper Soft (500)	1,817.37
	08/17/2016		Pipe 12" PVC DR-14 C900 (20)	332.01
	08/17/2016		Tee 6" Cast Iron POxFL	108.50
	08/17/2016		Tee 8x6 Cast Iron Flange	183.09
	08/17/2016		Coupling 8" Repair PVC C900 (2)	135.95
	08/17/2016		Coupling 4" Repair XR501	217.00
	08/17/2016		Coupling 8" Repair Macro	257.15
	08/17/2016		Reducer 6x4 Cast Iron POxPO	51.68
	08/17/2016		Gate Valve 8" POxFL R/W C900	1,112.13
	08/17/2016		Wire 10 Copper (2)	219.17
	08/17/2016		Gate Valve 6" POxFL R/W C900 (2)	1,410.50
	08/17/2016		Reducer 8x6 Cast Iron POxFL	95.21
	08/17/2016		Adapter 8" Cast Iron POxFL	94.83
	08/17/2016		Tubing 2" Copper Soft (20)	217.00

Payment Number	Payment Date	Vendor	Description	Amount
	08/17/2016		Ell 2" Brass 90 Degree St.	22.08
	08/17/2016		Service Saddle 8x1 C900 PVC (2)	256.60
	08/17/2016		Curb Stop 1" Flare (3)	280.06
	08/17/2016		Service Saddle 6x1 C900 PVC	103.62
	08/17/2016		Adapter 2" Copper x MIP	10.47
	08/17/2016		Cover 8" Valve Cast Iron Water (2)	49.91
	08/17/2016		Corp Stop 2"	188.79
	08/17/2016		Flange 6" SOW 8-hole	17.31
	08/17/2016		Ell 2" 90 Degree	15.73
	08/17/2016		Service Saddle 8x2 C900 PVC	139.42
	08/17/2016		Corp Stop 1" Flare (3)	153.25
	08/17/2016		Cover 12" Valve Box Cast Iron	61.03
	08/17/2016		Cover 8" Valve Cast Iron Water	74.87
	08/17/2016		Cover 8" Valve Cast Iron Water	24.96
	08/17/2016		Zinc Anode bag 30lb (13)	1,554.23
54026	08/17/2016	Heather Sharrer	Customer Refund - Closing	20.00
54027	08/17/2016	Hidden Valley Pump Sys Inc	PVC Pipe	824.71
54028	08/17/2016	Hydro-Scape Products Inc	Couplings (13)	89.42
54029	08/17/2016	IDAC West Inc	OPTO 22 SCADA Hardware	2,083.20
54030	08/17/2016	IDEXX Distribution Corporation	Colilert for Lab	1,650.16
54031	08/17/2016	InfoSend Inc	Data Processing/Mailing Services 07/2016	8,575.86
54032	08/17/2016	Interstate Battery of San Diego Inc	Battery - B12	123.51
54033	08/17/2016	Joe's Paving	Patch Paving	6,558.60
54034	08/17/2016	Lawnmowers Plus Inc	Trimmer/Brush Cutters w/Replacement Heads (2)	1,231.07
	08/17/2016		Repair Kits, Eyelet Kit	12.15
54035	08/17/2016	Lucina Santan De Salgado	Customer Refund - Overpayment	167.30
54036	08/17/2016	Major League Pest/Gemini Pest Control	Pest Control Services	93.00
	08/17/2016		Bee Removal (4)	340.00
54037	08/17/2016	Mallory Safety and Supply, LLC	Safety Glasses	85.93
54038	08/17/2016	Margherita Marshall	Customer Refund - Overpayment	376.75
54039	08/17/2016	Moodys	Dump Fees (2)	400.00
54040	08/17/2016	NAPA Auto Parts	Marker Pens, Undercoating Spray	51.88
54041	08/17/2016	North County Auto Parts	Brake Pads, Turn Rotors - Truck 32	60.35
	08/17/2016		Turn Brake Rotors - Truck 32	37.00
	08/17/2016		Brake Pad Set - Truck 32	132.21
	08/17/2016		Oil Filter, Wiper Blade	17.15
	08/17/2016		Electrical Wire - Shop	24.96
	08/17/2016		Mirrors, Wire, Carb Cleaner, Brake Hardware Kit	126.81
	08/17/2016		Return Shocks & Diesel Fluid, Hand Cleaner	(124.24)
54042	08/17/2016	North County Powder Coating Inc	Powder Coating for Generator Cages	313.60

Payment Number	Payment Date	Vendor	Description	Amount
54043	08/17/2016	Orion Construction	Customer Refund - Closing	1,545.88
54044	08/17/2016	Pacific Pipeline Supply	4" Gaskets	47.35
54045	08/17/2016	Pacific Safety Center	CPR/1st Aid/AED Refresher Training	525.00
	08/17/2016		Emergency Response Books	41.53
54046	08/17/2016	Patrick Michael Farris	Customer Refund - Overpayment	1,625.65
54047	08/17/2016	Rachel McArthur	Customer Refund - Closing	21.63
54048	08/17/2016	RC Auto & Smog	Smog Test - Truck 38	50.00
54049	08/17/2016	Roberto Mercado Diaz	Customer Refund - Closing	67.85
54050	08/17/2016	RouseSign and Graphics Inc	Name Plates Rework (2)	52.08
54051	08/17/2016	San Diego Gas & Electric	Gas 07/16	202.24
	08/17/2016		Electric Transmission 07/16	3,407.44
54052	08/17/2016	Sherry Thorpe	Mileage	35.32
	08/17/2016		D-2 Renewal	80.00
	08/17/2016		Refreshments - All Hands and Training	59.37
	08/17/2016		Ergo Office Supplies Henshaw	47.35
54053	08/17/2016	Shred-it USA LLC	Document Destruction	86.92
54054	08/17/2016	SimplexGrinnell	Fire Sprinkler Quarterly Maintenance	1,051.25
54055	08/17/2016	Sloan Electric Company	Rebuilt Pump #2 Station #3	1,828.13
54056	08/17/2016	Southern Counties Lubricants, LLC	Fuel 07/17/2016 - 07/29/2016	3,932.91
	08/17/2016		Fuel 07/15/2016 - 07/31/2016 - Henshaw	139.98
54057	08/17/2016	Spok, Inc	Pagers Service 08/2016	32.93
54058	08/17/2016	The UPS Store 0971	Shipping 07/2016	16.04
54059	08/17/2016	Midas Service Experts	Tires/Mounting/Alignment (4) - Truck 32	494.33
54060	08/17/2016	TS Industrial Supply	Warehouse Supplies	1,950.73
	08/17/2016		Warehouse Supplies	775.68
	08/17/2016		Sprayer Parts, Mud Pump Fittings	93.77
54061	08/17/2016	UniFirst Corporation	Uniform Service	389.94
54062	08/17/2016	USABlueBook	LED Pilot Lights	522.73
54063	08/17/2016	Value T Sales Inc	Customer Refund - Closing	59.86
54064	08/17/2016	Vista Lock & Safe Co	Keys	27.39
	08/17/2016		Locks (12)	423.15
54065	08/17/2016	Vista Paint Corporation	Paint	229.04
54066	08/24/2016	ACWA/JPIA	Medical & Dental Ins 09/2016 - Cobra	69.09
	08/24/2016		Medical & Dental Insurance 09/2016 - Cobra	627.44
	08/24/2016		Medical & Dental Insurance 09/2016 - Employees	134,759.30
	08/24/2016		Medical & Dental Insurance 09/2016 - Retirees	28,936.12
	08/24/2016		Medical & Dental Insurance 09/2016 - R Reznicek	2,119.43
	08/24/2016		Medical & Dental Insurance 09/2016 - R Vasquez	1,314.08
	08/24/2016		Medical & Dental Insurance 09/2016 - P Dorey	1,314.08
	08/24/2016		Medical & Dental Insurance 09/2016 - J MacKenzie	1,554.56

Payment Number	Payment Date	Vendor	Description	Amount
	08/24/2016		Medical & Dental Insurance 09/2016 - M Miller	1,554.56
54067	08/24/2016		CEAS-Training 10/24/16-10/25/16	250.00
54068	08/24/2016	Allie Valladeres	Computer Loan 08/2016	646.54
54069	08/24/2016	ARC Ergonomics	Chair and Footrest	789.16
54070	08/24/2016	Armando's Mexican Food	Employee Event 8/30/2016	300.00
54071	08/24/2016	Auto Specialist Warehouse	Repair Kit for Grill - Truck 62	16.82
54072	08/24/2016	CDW Government Inc	HP LaserJet Pro M402dn printer	206.74
54073	08/24/2016	Cecilia's Safety Service Inc	Traffic Control - Thibodo/Mar Vista	1,360.00
	08/24/2016		Traffic Control - Las Flores Dr	5,110.00
	08/24/2016		Traffic Control - Vale Terrace	637.50
	08/24/2016		Traffic Control - Vale View Dr	1,105.00
	08/24/2016		Traffic Control - Presley Place	1,492.50
	08/24/2016		Traffic Control - Goodwin Dr	1,020.00
54074	08/24/2016	760Print	Business Cards, Envelopes	1,053.54
54075	08/24/2016	Christopher Craghead	Computer Monitor for SCADA System	198.22
54076	08/24/2016	Coast Equipment Rentals	Dump Truck Rental	1,113.20
54077	08/24/2016	Coastal Chlorination & Backflow	Chlorination of Water Main	390.00
54078	08/24/2016	Culligan of Escondido	Water Filter Maintenance	217.83
	08/24/2016		Water Filter Maintenance	222.37
	08/24/2016		Water Filter Maintenance	222.37
54079	08/24/2016	Dell Software, Inc	Dell Software vRanger and Foglight Mainenance	2,004.42
54080	08/24/2016	Digital Deployment, Inc	Website Hosting, Maintenance & Support	300.00
54081	08/24/2016	Direct Energy	Electric 07/2016 - VID	604.62
	08/24/2016		Electric 07/2016 - Henshaw Well Field	14,050.75
	08/24/2016		Electric 07/2016 - T & D / Cathodic Protection	63.43
	08/24/2016		Electric 07/2016 - Reservoirs	20.36
	08/24/2016		Electric 07/2016 - Pump Stations	6,696.16
	08/24/2016		Electric 07/2016 - Treatment Plants	36.26
54082	08/24/2016	Edgehill Gate Account	Road Maint Fee Edgehill/HP Reservoir 07/16-12/16	600.00
54083	08/24/2016	Evoqua Water Technologies LLC	DI Rental	248.54
54084	08/24/2016	FedEx	Express Shipping	499.91
54085	08/24/2016	Ferguson Waterworks	Brass Fittings	1,647.93
54086	08/24/2016	Fresno Irrigation District	Tyler User Group Training 10/16/2016	550.00
54087	08/24/2016	Geib Lumber Company	Timber	6.14
	08/24/2016		Lumber	7.36
	08/24/2016		Hasp for Locking Meter Vault	19.52
54088	08/24/2016	D.H. Maintenance Services	Janitorial Maint. @ VID Headquarters 08/2016	1,850.00
54089	08/24/2016	GLC-(CA) Vista LLC	Solar Use 07/2016	7,484.40
54090	08/24/2016	Glennie's Office Products Inc	Office Supplies	170.46
	08/24/2016		Office Supplies	316.58

Payment Number	Payment Date	Vendor	Description	Amount
54091	08/24/2016	Grainger	Water Heater	299.73
	08/24/2016		Drill Press Vice	88.41
54092	08/24/2016	Hach Company	Fluoride Probe	778.39
	08/24/2016		PH Probe	703.29
54093	08/24/2016	Hawthorne Machinery Co	Spray Paint - Shop	11.12
54094	08/24/2016	Horton Knox Carter & Foote LLP	Legal 07/2016	25,050.00
54095	08/24/2016	InfoSend Inc	Support & Storage 07/2016	1,078.13
	08/24/2016		CCCR Notice - Bill Insertion Fee	205.24
54096	08/24/2016	Infrastructure Engineering Corporation	Hidden Valley Flume Relocation Plan Review 07/2016	495.00
54097	08/24/2016	Iron Mountain Records Management	Offsite Data Storage	233.73
54098	08/24/2016	Jo MacKenzie	ACWA Legislative Committee Meeting 08/2016	479.24
54099	08/24/2016	Joe's Paving	Road Repair - Buena Creek Rd	3,891.00
	08/24/2016		Patch Paving (13)	5,952.30
54100	08/24/2016	Ken Grody Ford Carlsbad	Window Regulator - Truck 49	91.21
	08/24/2016		Window Regulator - Truck 49	(91.21)
	08/24/2016		Door Window Regulator - Truck 49	143.48
54101	08/24/2016	Kimball Midwest	Spray Degreaser (3)	26.04
54102	08/24/2016	Lawnmowers Plus Inc	Repair and Eyelet Kit	29.84
	08/24/2016		Chain Saw Repair Parts	87.66
54102	08/24/2016	Lawnmowers Plus Inc	Weed Whip Rotor Cover	24.58
	08/24/2016		Cable Adjuster	2.78
54103	08/24/2016	Leon Perrault Trucking & Materials	Trucking & Material 07/2016	13,623.25
54104	08/24/2016	Lightning Messenger Express	Messenger Service 08/12/16	43.50
54105	08/24/2016	Mike Lloyd Excavating Inc	Customer Refund - Closing	1,915.55
54106	08/24/2016	Moodys	Dump Fees (3)	600.00
54107	08/24/2016	NAPA Auto Parts	Funnels, Silicone, Bulbs, Protectant - Shop	93.29
	08/24/2016		Fan Belt, Pulley, Filter, Grease Gun & Hose	100.86
54108	08/24/2016	North County Auto Parts	Brake Parts - Truck 32	7.04
	08/24/2016		Spark Plugs (2) - Chainsaw	8.85
	08/24/2016		Rocker Switch - Truck 57	10.88
	08/24/2016		Supplies - Garage	96.20
	08/24/2016		Supplies - Garage	47.19
	08/24/2016		Spot Mirror - Truck 17	16.45
54109	08/24/2016	North County Industrial Park	Association Fees 09/2016 - Headquarter	879.30
54110	08/24/2016	North County Industrial Park	Association Fees 09/2016 - Vacant Lot	256.40
54111	08/24/2016	On Hold Marketing Systems	On Hold Messaging	220.00
54112	08/24/2016	Pacific Pipeline Supply	Tapping Sleeve	686.65
54113	08/24/2016	Packard Government Affairs	Indian Water Settlement 07/2016	1,168.75
54114	08/24/2016	Party Pals	Employee Event 08/30/16	722.50
54115	08/24/2016	Pres-Tech	Locator Lead Cables (2)	206.15

Payment Number	Payment Date	Vendor	Description	Amount
54116	08/24/2016	RIB Management Computer Controls Inc	MC2 Software Renewal 08/03/16 - 08/03/17	1,850.00
54117	08/24/2016	Rutan & Tucker LLP	Legal 07/2016	2,601.00
	08/24/2016		Legal 07/2016	739.50
	08/24/2016		Legal 07/2016	1,989.00
	08/24/2016		Legal 07/2016	1,045.50
	08/24/2016		Legal 07/2016	4,870.50
	08/24/2016		Legal 07/2016	76.50
54118	08/24/2016	San Diego Gas & Electric	Electric 07/2016 - T&D	79.12
	08/24/2016		Electric 07/2016 - Reservoirs	21.34
	08/24/2016		Electric 07/2016 - Cathodic Protection & T&D	156.64
	08/24/2016		Electric 07/2016 - Reservoirs	105.09
	08/24/2016		Electric 07/2016 - Pump Stations	8,642.27
	08/24/2016		Electric 07/2016 - Plants	101.16
54119	08/24/2016	San Diego Union-Tribune LLC	Online Advertisement Refund	(15.00)
	08/24/2016		Notice of Public Hearing	180.90
54120	08/24/2016		Request for Proposal Ad	165.90
54121	08/24/2016	SiteOne Landscape Supply, LLC	Drain Grate for Vault	9.08
54122	08/24/2016	SoftwareOne Inc	Acrobat Pro 12 month Upgrade plan	865.28
54123	08/24/2016	Southern Counties Lubricants, LLC	Fuel 08/01/16-08/15/16	4,257.51
54124	08/24/2016	Thomas Reuters	CPE Online Courses	159.00
54125	08/24/2016	TS Industrial Supply	Bench Grinder Accessories	224.73
	08/24/2016		Sprayer Hose Reel Fitting - Truck 1	77.58
54126	08/24/2016	Tyco Integrated Security LLC	Security Monitoring and Maint. 08/2016-10/2016	2,231.15
54127	08/24/2016	Tyler Technologies Inc	Utility CIS System Svc 07/11/16-07/15/16	1,937.50
	08/24/2016		Utility CIS System Svc 07/18/16-07/22/16	1,750.00
	08/24/2016		Utility CIS System Svc 7/25-16 - 07/26/16	375.00
54128	08/24/2016	Underground Service Alert of Southern California	USA New Tickets 07/2016	295.50
54129	08/24/2016	UniFirst Corporation	Uniform Service	327.18
54130	08/24/2016	VG Donuts & Bakery Inc	Board Meeting 08/17/16	28.34
54131	08/24/2016	Video Fact Documentation Service	Preconstruction Audio/Video	1,050.00
54132	08/24/2016	Vista Firestone Brake & Smog	Tires & Mounting (4) - Truck 45	919.24
	08/24/2016		Alignment Truck 47	96.00
54133	08/24/2016	Vulcan Materials Company and Affiliates	Cold Mix	2,042.71
<b>Grand Total:</b>				<b>854,110.94</b>



## STAFF REPORT

Agenda Item: 7

<b>Board Meeting Date:</b>	<b>September 7, 2016</b>
<b>Prepared By:</b>	<b>Don Smith</b>
<b>Reviewed By:</b>	<b>Brett Hodgkiss</b>
<b>Approved By:</b>	<b>Eldon Boone</b>

**SUBJECT:** SAN PASQUAL UNDERGROUNDING PROJECT

**RECOMMENDATION:** Receive update on the status of the San Pasqual Undergrounding Project (SPUP) and an overview of the key findings of the Draft Environmental Assessment/Mitigated Negative Declaration (EA/MND).

**PRIOR BOARD ACTION:** An initial feasibility and route alternatives study was performed in 2009, and the Board received a status report on that effort on October 21, 2009. On January 6, 2016, the Board authorized the General Manager to pay half the cost of the environmental and feasibility studies associated with the San Pasqual Undergrounding Project.

**FISCAL IMPACT:** None.

**SUMMARY:** The Draft SPUP EA/MND was issued for public review on August 16, 2016. It can be reviewed in full online under "Projects" at <http://www.escondido.org/planning.aspx>. Comments on the Draft EA/MND must be submitted to the City of Escondido or the Bureau of Indian Affairs no later than September 14, 2016.

The San Pasqual Undergrounding Project (SPUP, or Project) proposes the removal, relocation, and replacement with an underground pipeline most or all of that portion of the Escondido Canal and its appurtenant structures, facilities, and rights-of-way that currently occupy land within and adjacent to the San Pasqual Indian Reservation. The alignment of new and/or upgraded facilities extends about two and a half miles in rights-of-way that cross the San Pasqual Indian Reservation, private lands, and public right-of-way in Lake Wohlford Road (see Figure 2-2, attached). The project is described in greater detail in the Executive Summary of the Draft EA/MND (attached).

As the owners of the Escondido Canal, the City of Escondido is the Lead Agency under California Environmental Quality Act (CEQA) and is administering the consulting contracts with Atkins and Black and Veatch. The District is a Responsible Agency under CEQA. District and City Staff were extensively involved with the preparation and review of the Draft EA/MND.

Representatives of Atkins will present key findings of the EA/MND at the Board meeting, and City of Escondido staff will be present to answer questions.

**DETAILED REPORT:** The SPUP is a requirement of the San Luis Rey Indian Water Rights Settlement Agreement, which requires the Project to be completed within 6 years of the Settlement Agreement becoming effective.

Per the Settlement Agreement, the Secretary of the Interior must issue all necessary rights-of-way for the continued operation of the Local Water System before that Settlement can become effective. The current interpretation of that requirement includes the issuance of the new rights-of-way necessary for the construction and operation of the SPUP where it crosses the San Pasqual Indian Reservation. The Local Entities (VID and the City of Escondido) have submitted an application for those new rights-of-way to the

Bureau of Indian Affairs. The current National Environmental Policy Act effort must be completed before those new rights-of-way can be issued.

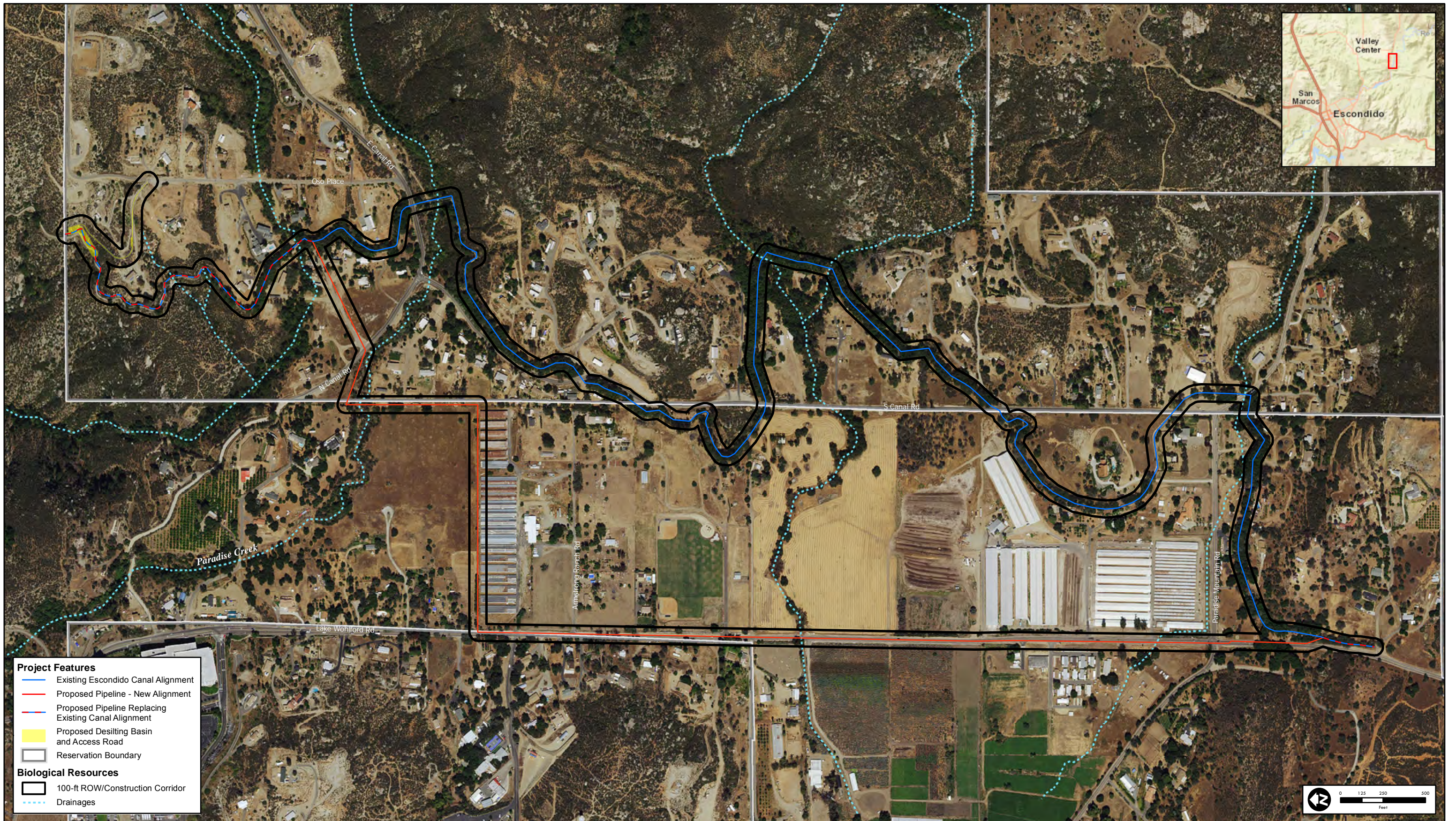
The current environmental and feasibility studies are being pursued to facilitate the timely final effectiveness of the San Luis Rey Indian Water Rights Settlement.

ATTACHMENTS:

1. Notice of Intent to Adopt a Mitigated Negative Declaration
2. Figure 2-2 – Overview of Proposed Project
3. Executive Summary, Draft San Pasqual Undergrounding Project Environmental Assessment, Initial Study/Mitigated Negative Declaration, August 2016.







**Figure 2-2**  
**Overview of the Proposed Project**  
 100049195 2016 San Pasqual Undergrounding Project

Draft

**San Pasqual Undergrounding Project**  
Environmental Assessment  
Initial Study/Mitigated Negative Declaration

August 2016

Prepared for:  
City of Escondido  
Vista Irrigation District  
Bureau of Indian Affairs

Prepared by:

**ATKINS**

3570 Carmel Mountain Road, Suite 300  
San Diego, California 92130  
Atkins Project No.: 100049195

# 1.0 Executive Summary

This chapter highlights the major areas of importance in the environmental analysis for the San Pasqual Undergrounding Project (proposed project). Provided is a brief description of the proposed project, project objectives, and alternatives. In addition, this chapter provides a table summarizing: (1) the level of impact significance before mitigation; (2) the recommended mitigation measures that would avoid or reduce significant environmental impacts; and (3) the level of impact significance after mitigation measures are implemented.

## 1.1 Introduction

This Draft Joint Environmental Assessment and Initial Study/Mitigated Negative Declaration (EA-IS/MND) has been prepared to assess the impacts of the construction and operation of the San Pasqual Undergrounding Project (proposed project), as required by the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA). The proposed project is being administered by the nine parties that are signatory to the San Luis Rey Indian Water Rights Settlement Agreement (Settlement Agreement), which includes federal, tribal and local entities (Settlement Parties). The NEPA lead agency is the United States (U.S.) Department of the Interior Bureau of Indian Affairs (BIA), and the CEQA lead agency for the proposed project is the City of Escondido (Escondido). The Vista Irrigation District (VID) is a Responsible Agency under CEQA.

## 1.2 Project Location and Setting

The project area is located in northern San Diego County. The project area encompasses portions of unincorporated San Diego County within the community of Valley Center and portions of the San Pasqual Reservation, located 5 miles northeast of the city of Escondido, as well as portions of the Escondido service areas.

## 1.3 Proposed Project

The proposed project would remove, relocate, and replace about 2.5 miles of the Escondido Canal that crosses the San Pasqual Reservation. The proposed project includes the installation, operation, and maintenance of an underground pipeline on the San Pasqual Reservation both within and outside of the existing rights-of-way (ROW) for the Escondido Canal.

The proposed project consists of four primary elements: (1) the construction of a new desilting basin and associated access road on the San Pasqual Indian Reservation along the existing Escondido Canal alignment where the canal first enters the Reservation; (2) the replacement of about 2,000 feet of existing canal with a buried 60-inch pipeline within the existing Escondido Canal ROW; (3) the replacement of another approximately 2 miles of existing canal with a buried 60-inch pipeline within new alignments crossing the San Pasqual Indian Reservation, private lands, and public ROW in Lake Wohlford Road; and

(4) the removal of approximately 2 miles of the existing Escondido Canal that are dewatered when the proposed project is complete, and the reclamation of the land formerly occupied by the canal by means of demolition, debris removal, grading, and reestablishment of drainage, as well as any associated mitigation of environmental impacts that may be required. The connection to the existing underground pipeline would be at a location south of Paradise Mountain Road. No pumping would be required to convey flows through the proposed underground pipeline.

The proposed project objectives are to comply with the Settlement Agreement (January 30, 2015) which pertain chiefly to the rights of the Settlement Parties to both the Supplemental Water and certain waters of the San Luis Rey River watershed and ROWs for the operation and maintenance of water conveyance facilities and appurtenant structures.

## 1.4 Alternatives Considered

The purpose of the alternatives analysis is to allow the BIA and Escondido decision-makers to make informed decisions concerning the environmental consequences of the proposed project, as well as the alternatives. Two alternatives in addition to the proposed project are investigated in detail in this document:

- Off-Reservation Desilting Basin Alternative
- No Project Alternative

A description of each of these alternatives is provided after the On-Reservation Desilting Basin (proposed project) description.

### On-Reservation Desilting Basin (Proposed Project)

The proposed pipeline would be a total of approximately 2.5 miles long and would run generally from north to south within the existing Escondido Canal ROW and along existing roads, primarily North Canal Road, South Canal Road, North Lake Wohlford Road, and Paradise Mountain Road, to the extent feasible. The proposed pipeline would begin at the proposed new desilting basin northeast of North Canal Road (Segment 2) and continue in a southwesterly direction and connect to the existing underground pipeline at a location south of Paradise Mountain Road (Segment 1). The proposed pipeline would include a 100-foot construction corridor (50 feet on each side of pipeline alignment) for its entire 2.5-mile length. The 100-foot-wide construction corridor may be reduced in some areas, as needed, to avoid impacting sensitive biological resources, such as drainages, wetlands, oaks, active nests, and cultural resource sites.

Construction of the proposed project would include:

- Installation of approximately 1.6 miles of 60-inch diameter underground pipeline outside the existing ROW for the Escondido Canal (Segment 1);
- Decommissioning of approximately 0.4 mile of the Escondido Canal and replacement with 60-inch diameter pipe (Segment 2);
- Construction of a 1,350 square foot desilting basin and associated access road at the northern/upstream end of Segment 2 on the San Pasqual Reservation; and
- Decommissioning and reclamation of approximately 2.5 miles of the Escondido Canal that is currently routed through the San Pasqual Reservation.

## Off-Reservation Desilting Basin Alternative

Under this alternative, the pipeline would be 342 feet longer to accommodate a desilting basin north of the San Pasqual Reservation boundary, outside of the proposed ROW. All support facilities required for the proposed project, such as a desilting basin and access road, would also be required for this alternative. The desilting basin would be located off the San Pasqual Reservation lands, approximately 72 feet north of the San Pasqual Reservation boundary, and Escondido and VID would need to acquire land or exercise eminent domain to control the property for development and operation of the desilting basin.

The proposed project objectives would be achieved under the Off-Reservation Desilting Basin Alternative. However, this alternative would require securing more land for the desilting basin, at considerable cost to Escondido and VID.

## No Project Alternative

The No Project Alternative must be evaluated in this EA-IS/MND as required under Section 1502.14 of the regulations for implementing NEPA. This alternative represents the environmental baseline for the proposed project. Under the No Project Alternative, the proposed project would not be implemented, and the proposed project infrastructure (pipeline, desilting basin, and access roads) would not be constructed. The existing alignment of the Escondido Canal would remain in place and no additional Supplemental Water or waters of the San Luis Rey River watershed would be provided to the Bands by Escondido and VID, which would not align with the Settlement Agreement. None of the potential environmental impacts resulting from implementation of the proposed project would occur. Under the No Project Alternative, the proposed pipeline and related support facilities would not be constructed. The No Project Alternative would:

- Not construct the proposed pipeline or related facilities, including the pipeline, desilting basin, and access roads.
- Not align with the Settlement Agreement to supply needed water.
- Not require grading, excavation, and revegetation to construct the proposed project.

The No Project Alternative would avoid all significant environmental impacts identified for the proposed project because construction of the pipeline and related support facilities would not take place under this alternative. However, although the No Project Alternative would avoid the impacts to environmental resources, it would not meet any of the proposed project objectives.

## 1.5 Project Impacts

The environmental analysis provides information relative to eleven environmental topics that pertain to the proposed project. This EA-IS/MND examines the potential environmental impacts from implementation of the proposed project, including information related to existing site conditions, analyses of the types and magnitude of individual and cumulative environmental impacts, and feasible mitigation measures that could reduce or avoid environmental impacts. The potential environmental impacts of the proposed project are analyzed for the following issue areas:

- Aesthetics
- Agricultural Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise
- Traffic

Table ES-1 presented at the end of this chapter, provide summaries of the environmental impacts that could result from implementation of the proposed project and feasible mitigation measures that could reduce or avoid environmental impacts. For each impact, Tables ES-1 identifies the significance of the impact before mitigation, applicable mitigation measures, and the level of significance of the impact after the implementation of the mitigation measures.

Impacts to Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation and Utilities and Service Systems were not considered in detail in this EA/MND, because they would not be impacted by the proposed project. The rationale for these conclusions are given in Chapter 4 of this EA-IS/MND.

## 1.6 Conclusions

In summary, the analysis within this EA-IS/MND determined that the proposed project would not result in significant adverse impacts to the following resource areas: Agricultural and Forest Resources, Air Quality, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral and Energy Resources, Population and Housing, Public Services, Recreation, and Utilities and Service Systems.

Impacts that were shown to have a less-than-significant impact with mitigation were Aesthetics, Biological Resources, Cultural Resources, Noise, and Transportation/Traffic as a result of proposed project activities. Measures to avoid or mitigate the impacts would be incorporated into the proposed project to reduce the impacts to below a level of significance. These measures are identified in Table ES-1 and discussed within Section 4, Environmental Analysis.

This EA-IS/MND is a public document that analyzes the environmental impacts of the proposed project, presents feasible measures to reduce or avoid potential environmental impacts with construction of the proposed project, and evaluates alternatives to the proposed project. This EA-IS/MND complies with environmental requirements established by both NEPA and CEQA and serves as an informational document to be used in the decision-making process and does not recommend either approval or denial of the proposed project.

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
<p><b>Aesthetics (Visual Resources)</b></p> <p>Would the proposed project have a substantial adverse effect on a scenic vista?</p> <p>Would the proposed project substantially degrade the existing visual character or quality of the site and its surroundings?</p>	Potentially Significant	<p><b>Aes-1 Visually Compatible Landscaping.</b> The following landscaping measures shall be implemented for each proposed component project:</p> <ol style="list-style-type: none"> <li>For pipelines and access roads installed in naturally vegetated areas, the short-term disturbance footprints associated with construction for the pipeline corridor and associated construction staging areas shall be hydroseeded, following backfilling and recontouring, using a non-irrigated native plant mix consistent with original site conditions and surrounding vegetation.</li> <li>For aboveground structures in naturally vegetated settings, any disturbed unpaved areas following construction that are not designated for vehicular or pedestrian access shall be revegetated (hydroseeding and/or plantings) using native plant materials consistent with original site conditions and surrounding vegetation. A temporary irrigation system shall be installed and maintained by the project proponent, or watering trucks shall be used at a frequency to be determined by a qualified biologist or landscape architect, to maintain successful plant growth. Temporary irrigation shall be discontinued upon determination by the qualified biologist or landscape architect that the landscaping has permanently established, without the need for supplemental watering.</li> <li>For aboveground structures in more urban settings, any disturbed unpaved areas following construction that are not designated for vehicular or pedestrian access shall be landscaped using native plant materials consistent with original site conditions and/or surrounding ornamental vegetation in order to return the disturbed area to its existing visual character.</li> <li>The landscaping plan for aboveground structures associated with the desilting basin shall include the planting of large trees and/or shrubs, where appropriate, to provide adequate screening of the proposed basin and its structures.</li> </ol> <p><b>Aes-2 Visually Compatible Design.</b> The following design measures shall be implemented for each proposed project component that includes aboveground facilities (including access roads):</p> <ol style="list-style-type: none"> <li>Aboveground facilities and access roads shall use appropriate building materials and color palettes that are visually consistent with the surrounding natural vegetation and/or built environment.</li> <li>Aboveground facilities and access roads shall use low-reflective, low-glare paint and materials, unless required for safety or by law.</li> <li>Access roads shall be designed to minimize grading, slope ratios, and the blockage of existing views when possible. Access roads shall not contain features such as asphalt coating, lighting fixtures, signage, guard rails, walls, fences, curbing, pavement marking, or other service structures or appurtenances, unless required for safety or by law.</li> </ol>	Less Than Significant



**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

<b>Threshold</b>	<b>Significance Prior to Mitigation</b>	<b>Mitigation Measure(s) or Project Requirements</b>	<b>Significance After Mitigation</b>
Would the proposed project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	Potentially Significant	Implementation of mitigation measures Aes-1 and Aes-2.	Less Than Significant
<b>Agriculture and Forestry Resources</b>			
Would the proposed project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?  Would the proposed project conflict with existing zoning for agricultural use, or a Williamson Act contract?	Less Than Significant	No mitigation is required.	Less Than Significant
Would the proposed project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to nonagricultural use or conversion of forest land to non-forest use?	Less Than Significant	No mitigation is required.	Less Than Significant
<b>Air Quality</b>			
Would the proposed project conflict with or obstruct implementation of the applicable Air Quality Plan?	Less Than Significant	No mitigation is required.	Less Than Significant
Would the proposed project violate any air quality standard or contribute substantially to an existing or projected air quality violation?	Less Than Significant	No mitigation is required.	Less Than Significant
Would the proposed project result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is classified as non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	Less Than Significant	No mitigation is required.	Less Than Significant
Would the proposed project expose sensitive receptors to substantial pollutant concentrations?	Less Than Significant	No mitigation is required.	Less Than Significant
Would the proposed project create objectionable odors affecting a substantial number of people?	Less Than Significant	No mitigation is required.	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
<p><b>Biological Resources</b></p> <p>Would the proposed project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulation, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p>	<p>Potentially Significant</p>	<p><b>Bio-1 Project-Level Biological Resource Surveys.</b> During the design phase and prior to the construction of the proposed project, the project proponent shall retain a qualified biologist to conduct and/or update project-level biological resources surveys and prepare biological resources technical reports.</p> <p>a. If the rare plant surveys or focused protocol-level surveys determine the presence of federally or state-listed endangered or threatened species and occupied habitat on site, then, in compliance with the federal ESA and the CESA, the project proponent shall consult and obtain all applicable regulatory permits and authorizations from the USFWS and CDFW, and the conditions of the regulatory permits and authorizations shall be implemented accordingly and/or the underlying project would be modified to avoid direct “take” of the species and/or minimize adverse impacts to the species and occupied habitat.</p> <p>b. For construction activities after the month of May 2017 a CAGN protocol-level presence/absence survey shall be conducted in suitable sage scrub habitat within 500 feet of the project impact area. Prior to conducting surveys, the required notice of intent to conduct surveys shall be filed with the USFWS, and surveys must be conducted by a qualified biologist who holds the appropriate Section 10(a)(1)(A) permit. The CAGN surveys shall follow the 1997 USFWS CAGN Presence/Absence Survey Guidelines (USFWS 1997) which includes six surveys at least one week apart if conducted during the breeding season survey period (February 15 through August 30). If surveys are conducted outside the breeding season, nine surveys at least two weeks apart shall be conducted.</p> <p>Surveys shall occur between 6:00 a.m. and 12:00 p.m. and avoid periods of excessive or abnormal heat, wind, rain, fog, or other inclement weather. If surveys document absence of CAGN, no additional avoidance or minimization measures are required.</p> <p>If surveys document the presence of CAGN, impacts to CAGN would be mitigated below the level of significance when occupied coastal sage scrub is fenced, direct impacts are avoided, and construction within 500 feet of occupied habitat occurs only between September 1 and February 15 to avoid indirect impacts to nesting CAGN. If avoidance is not feasible, a temporary noise barrier shall be used during construction, at the appropriate location(s), in coordination with CDFW and the USFWS. The noise barrier shall attenuate noise levels to 60 dBA or less at the edge of breeding habitat.</p> <p>Construction work performed within 500 feet of habitat identified for CAGN during the period of February 15 to August 30 shall be monitored at least weekly by a qualified biologist. Monthly monitoring letter reports of construction activities and their impacts on biological resources shall be provided to USFWS and/or CDFW.</p> <p>c. For construction activities which occur after June 2017, and during the breeding season for the LBVI (March 15 through September 15), protocol-level surveys shall be conducted prior to construction in suitable riparian habitat within 500 feet of the project impact area. The LBVI</p>	<p>Less Than Significant</p>

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
		<p>surveys shall follow the 2001 USFWS LBVI Survey Guidelines (USFWS 2001) and include eight surveys at least ten days apart within the protocol survey period (April 10 through July 31). Surveys shall be conducted between dawn and 11:00 a.m. and avoid periods of excessive or abnormal heat, wind, rain, fog, or other inclement weather.</p> <p>If surveys document absence of LBVI, no additional avoidance or minimization measures are required. However, if surveys document the presence of LBVI, impacts to LBVI would be mitigated below the level of significance when occupied riparian habitat is fenced, direct impacts are avoided, and construction within 500 feet of occupied habitat occurs only between September 15 and March 15 to avoid indirect impacts to nesting LBVI. If avoidance is not feasible, a temporary noise barrier shall be used during construction, at the appropriate location(s), in coordination with CDFW and the USFWS. The noise barrier shall attenuate noise levels to 60 dBA or less at the edge of the breeding habitat. Construction work performed within 500 feet of occupied LBVI habitat during the period of March 15 to September 15 shall be monitored at least weekly by a qualified biologist. Monthly monitoring letter reports of construction activities and their impacts on biological resources shall be provided to USFWS and/or CDFW.</p> <p><b>Bio-2 Avoidance of Nesting Birds.</b> To prevent impacts to nesting passerines (songbirds) and other non-raptors protected under the federal MBTA and CFG Code, the project proponent shall enforce the following:</p> <ol style="list-style-type: none"> <li>a. If construction occurs during the general nesting season (February 1 through August 31), and where any mature tree, shrub, or structure capable of supporting a bird nest occurs within 300 feet of proposed project construction activities, the project proponent shall retain a qualified biologist to conduct a pre-construction survey for nesting birds prior to clearing, grading and/or construction activities. The survey will be conducted within 72 hours prior to the start of construction.</li> <li>b. If any nesting birds are present on or within 300 feet of the proposed project construction activities, the following shall be required, as approved by the USFWS and/or CDFW: <ol style="list-style-type: none"> <li>1. The project proponent shall retain a qualified biologist to flag and demarcate the location of all nesting birds and monitor construction activities. Temporary avoidance of active bird nests, including the enforcement of an avoidance buffer of 300 feet, as determined by the qualified biological monitor, shall be required until the qualified biological monitor has verified that the young have fledged or the nest has otherwise become inactive. Requests for buffer reductions of less than 300 feet shall be provided to the USFWS and/or CDFW. Documentation of the nesting bird surveys and any follow-up monitoring shall be provided to the USFWS and CDFW within 10 days of completing the final survey or monitoring event.</li> </ol> </li> </ol>	

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
		<p>Bio-3 <b>Avoidance of Nesting Raptors.</b> To prevent impacts to nesting raptors protected under the federal MBTA and CFG Code, the project proponent shall enforce the following:</p> <ul style="list-style-type: none"> <li>a. If construction occurs during the raptor nesting season (January 15 through July 31), and where any mature tree or structure capable of supporting a raptor nest occurs within 500 feet of proposed project construction activities, the project proponent shall retain a qualified biologist to conduct a pre-construction survey for nesting raptors prior to clearing, grading and/or construction activities. The survey will be conducted within 72 hours prior to the start of construction.</li> <li>b. If any nesting raptors are present on or within 500 feet of the proposed project construction activities, the following shall be required, as approved by the USFWS and/or CDFW:               <ul style="list-style-type: none"> <li>1. The project proponent shall retain a qualified biologist to flag and demarcate the location of all nesting raptors and monitor construction activities. Temporary avoidance of active raptor nests, including the enforcement of an avoidance buffer of 500 feet will be required until the qualified biological monitor has verified that the young have fledged or the nest has otherwise become inactive. Documentation of the raptor surveys and any follow-up monitoring, as necessary, will be provided to the USFWS and CDFW within 10 days of completing the final survey or monitoring event.</li> </ul> </li> <li>c. In the event that a California State fully protected species (e.g., white tailed kite) is found to be nesting on the project site, all work in the area will stop and the project proponent shall notify the CDFW and/or USFWS. No impacts will be permitted to occur to fully protected species.</li> </ul> <p>Bio-4 <b>Construction Fencing.</b> Prior to vegetation clearing, grading, and/or construction activities for each proposed project component, the project proponent shall retain a qualified biologist to oversee and monitor installation of appropriate fencing and/or flagging to delineate the limits of construction and the approved construction staging areas for protection of sensitive resources identified through project-level surveys (conducted pursuant to mitigation measure Bio-1). Temporary fencing (with silt barriers) shall be installed at the limits of project impacts (including construction staging areas and access routes) to prevent additional sensitive habitat impacts and the spread of silt from the construction zone into adjacent habitats to be avoided. Fencing shall be installed in a manner that does not impact habitats to be avoided. For projects potentially affecting special status species and sensitive resources, and for which permits or approvals from the USFWS or CDFW require confirmation of project impacts and submittal of as-built plans, the project proponent shall submit to the USFWS and CDFW for approval, at least 30 days prior to initiating project impacts, the final plans for initial clearing and grubbing of sensitive habitat and project construction. These plans shall also be submitted to the USACE, RWQCB, or other local agency, from which, approval or permitting is required, as applicable. The final plans shall include photographs that show the fenced limits of impact and all sensitive areas to be impacted or avoided. If work occurs beyond the fenced or demarcated limits of impact, all work shall cease until the problem has been remedied to the satisfaction of the qualified biologist,</p>	

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
		<p>project proponent, USFWS, CDFW, USACE, and/or other agency. Upon project completion, temporary construction fencing shall be removed by the project proponent under the oversight of the qualified biologist.</p> <p><b>Bio-5 Construction Staging Areas.</b> Prior to construction of the proposed project components where it has been demonstrated through project-level surveys (conducted pursuant to mitigation measure Bio-1) that drainages, wetlands and areas supporting sensitive habitats or species could be affected by project construction, the project proponent shall setback construction staging areas to avoid drainages, wetlands, and areas supporting sensitive habitats or species, where feasible. Fueling of equipment shall occur in designated fueling zones within the construction staging areas. All equipment used within the approved construction limits shall be maintained to minimize and control fluid and grease leaks. Provisions to contain and clean up unintentional fuel, oil, fluid and grease leaks/spills shall be included in construction documents and in place prior to construction.</p> <p><b>Bio-6 Pre-Construction Meeting.</b> Prior to vegetation clearing, grading, and/or construction activities for each proposed project component, the project proponent shall retain a qualified biologist to attend a pre-construction meeting to inform construction crews of the sensitive species and habitats for that particular project component.</p> <p><b>Bio-7 Construction-Related Noise.</b> Construction noise created during the general avian breeding season (January 15 to September 15) that could affect the breeding of the CAGN, migratory songbirds, and other bird species associated with adjacent undeveloped areas shall be avoided. No loud construction noise (exceeding 60 dBA hourly average, adjusted for ambient noise levels, at the nesting site) may take place within 500 feet of active nesting sites during the general breeding season (January 15 through September 15). If it is confirmed through project-level surveys (conducted pursuant to mitigation measure Bio-1) that a proposed project component could result in construction-related noise impacts to breeding birds during the general breeding season, the project proponent shall retain a qualified biologist to monitor the construction operations. The biological monitor shall be present to monitor construction activities that occur adjacent to undeveloped open space areas potentially supporting breeding birds. The biological monitor shall verify that construction noise levels do not exceed 60 dBA hourly average and shall have the ability to halt construction work, if necessary, and confer with the project proponent, USFWS, and/or CDFW to ensure the proper implementation of additional protection measures during construction. The qualified biologist shall report any violation to the USFWS and/or CDFW within 24 hours of its occurrence.</p> <p><b>Bio-8 Hydroseeding of Graded Areas.</b> Unless otherwise required by the USFWS, USACE, RWQCB, and/or CDFW, after completion of final grading for each proposed project component located adjacent to native vegetation, construction documents shall require that all graded areas within 100 feet of native vegetation, excluding those areas where a permanent access road, path, or other permanent development is required, are hydroseeded and/or planted with native plant</p>	

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation																		
		<p>species similar in composition to the adjacent undisturbed vegetation communities. The project proponent shall retain a qualified biologist to monitor these activities to ensure non-native or invasive plant species are not used in the hydroseed mix or planting palettes. The hydroseeded/planted areas shall be watered via a temporary drip irrigation system or watering truck. Irrigation shall cease after successful plant establishment and growth, to be determined by the biologist. Any irrigation runoff from hydroseeded/planted areas shall be directed away from adjacent native vegetation communities and contained and/or treated within the development footprint of individual component projects. All planting stock shall be inspected for exotic invertebrate pests (e.g., argentine ants) and any stock found to be infested with such pests shall not be allowed to be used in the hydroseeded/planted areas.</p>																			
<p>Would the proposed project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p>	<p>Potentially Significant</p>	<p>Bio-9 <b>Habitat Replacement.</b> Unavoidable impacts to sensitive natural communities shall be mitigated by the project proponent according to the range of ratios provided below, and would be increased or decreased depending on whether the habitat supports special status species or other sensitive resources, and/or the impacts and mitigation would occur inside or outside an existing preserve area:</p> <table border="0" data-bbox="997 738 1564 966"> <thead> <tr> <th style="text-align: left;"><u>Sensitive Natural Community</u></th> <th style="text-align: left;"><u>Mitigation Ratio</u></th> </tr> </thead> <tbody> <tr> <td>Southern Willow Scrub</td> <td>3:1</td> </tr> <tr> <td>Coast Live Oak Woodland</td> <td>2:1 – 3:1</td> </tr> <tr> <td>Engelmann Oak Woodland</td> <td>2:1 – 3:1</td> </tr> <tr> <td>Southern Coast Live Oak Riparian Forest</td> <td>3:1</td> </tr> <tr> <td>Diegan Coastal Sage Scrub</td> <td>1:1 – 3:1</td> </tr> <tr> <td>Southern Mixed Chaparral</td> <td>0.5:1 – 3:1</td> </tr> <tr> <td>Non-Native Grassland</td> <td>0:1 – 0.5:1</td> </tr> <tr> <td>Other Wetlands</td> <td>3:1</td> </tr> </tbody> </table> <p>Permanent and temporary impacts to sensitive natural communities shall be mitigated in-kind by the project proponent through implementation of any one or combination of the following measures, as approved and/or amended by the USFWS, USACE, RWQCB, and/or CDFW for individual component projects, if applicable:</p> <ol style="list-style-type: none"> <li>a. On site as creation of new habitat within avoided and preserved areas at the project site;</li> <li>b. On site as restoration of existing habitat within temporary impact areas and/or avoided and preserved areas at the project site;</li> <li>c. On site as enhancement of existing habitat within avoided and preserved areas at the project site;</li> <li>d. Off site as purchase of habitat credits within an approved mitigation bank or combination of banks (e.g., North County Habitat Bank);</li> <li>e. Off site as habitat preservation, creation, restoration, and/or enhancement within other properties or approved mitigation programs available at the time of grading; or</li> <li>f. A combination of the above.</li> </ol>	<u>Sensitive Natural Community</u>	<u>Mitigation Ratio</u>	Southern Willow Scrub	3:1	Coast Live Oak Woodland	2:1 – 3:1	Engelmann Oak Woodland	2:1 – 3:1	Southern Coast Live Oak Riparian Forest	3:1	Diegan Coastal Sage Scrub	1:1 – 3:1	Southern Mixed Chaparral	0.5:1 – 3:1	Non-Native Grassland	0:1 – 0.5:1	Other Wetlands	3:1	<p>Less Than Significant</p>
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**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
		<p>For on-site or off-site creation, restoration, and/or enhancement mitigation of upland sensitive natural communities (e.g., grassland, coastal sage scrub, chaparral, woodland) for each individual project component, the project proponent shall prepare an Upland Habitat Restoration Plan, Habitat Mitigation and Monitoring Plan, or similar plan, detailing the specific upland habitat creation, restoration, and/or enhancement measures to be implemented as project mitigation. The Upland Habitat Restoration Plan shall be approved by the USFWS and/or CDFW, as appropriate, prior to vegetation clearing, grading, and/or construction activities.</p> <p>For on-site or off-site creation, restoration, and/or enhancement mitigation of riparian and wetland sensitive natural communities (e.g., riparian forest, riparian scrub, willow scrub, mule fat scrub, freshwater marsh) for each individual project component, the project proponent shall prepare a Riparian/Wetland Habitat Restoration Plan, Habitat Mitigation and Monitoring Plan, or similar plan, detailing the specific riparian/wetland creation, restoration, and/or enhancement measures to be implemented as project mitigation. The Riparian/Wetland Habitat Restoration Plan shall be approved by the USFWS, USACE, RWQCB, and/or CDFW, as appropriate, prior to vegetation clearing, grading, and/or construction activities.</p> <p>In addition, for on-site preservation, restoration and/or enhancement mitigation required as part of the reclamation of the land occupied by the replaced canal, a specific Engelmann Oak Preservation and Canal Restoration Plan will be prepared by the project proponent. The dominant vegetation communities that make up the current canal section includes coast live oak woodland containing Engelmann oak trees and southern mixed chaparral. This plan shall detail the specific canal restoration, and/or enhancement measures to be implemented as part of project mitigation. The plan shall provide an implementation schedule including site preparation methods, an irrigation plan, non-native plant removal, planting specifications, as well as detailed maintenance and monitoring/reporting schedules, as necessary. The Engelmann Oak Preservation and Canal Restoration Plan shall require approval by the USFWS and/or CDFW, as appropriate, prior to any vegetation clearing, grading, and/or construction activities.</p> <p>Any upland or riparian/wetland habitat impacts that occur beyond the approved work limits of any project (see mitigation measure Bio-5) shall be mitigated at a ratio to be negotiated with the USFWS, USACE, RWQCB, and/or CDFW.</p>	
<p>Would the proposed project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</p>	<p>Potentially Significant</p>	<p><b>Bio-10 Jurisdictional Delineation.</b> Where it has been confirmed through jurisdictional delineation that jurisdictional waters or wetlands would be impacted by the proposed project, the project proponent shall obtain the required federal and state permits from the USACE, RWQCB, and/or CDFW, pursuant to Sections 404 and 401 of the CWA, and Section 1600 et seq. of the CFG Code, respectively. In compliance with permit requirements, the project proponent shall mitigate the loss of jurisdictional waters or wetlands through implementation of the in-kind habitat replacement identified in mitigation measure Bio-9, unless otherwise conditioned by the USACE, RWQCB, and/or CDFW in the federal and state permits.</p>	<p>Less Than Significant</p>

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
Would the proposed project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would the proposed project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?</p> <p>Would the proposed project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<b>Cultural and Paleontological Resources</b>			
Would the proposed project cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?	Potentially Significant	<p><b>Cul-1 Archaeological Monitoring.</b> During the construction of the proposed project, the project proponent shall retain a qualified archaeologist and appropriate Native American monitor to perform monitoring of all ground-disturbing activities to a depth of native soils. If subsurface cultural resources are encountered during construction, mitigation measure Cul-2 shall be implemented.</p> <p><b>Cul-2 Procedures for Unintentional Disturbance of Cultural Resources.</b> If subsurface cultural resources are encountered during construction of the proposed project, or if evidence of an archaeological site or other suspected historical resource is encountered, all ground-disturbing activity shall be ceased within 100 feet of the resource. Potentially significant cultural resources could consist of, but are not limited to, stone, bone, wood, or shell artifacts and features, including structural remains, historic dumpsites, hearths, and middens. Midden features are characterized by darkened soil and could conceal material remains, including worked stone, fired clay vessels, faunal bone, hearths, storage pits, or burials; thus, special attention should always be paid to uncharacteristic soil color changes. A qualified archaeologist shall be retained by the project proponent to assess the find and determine whether the resource requires further study. Any previously undiscovered resources found during construction shall be recorded using the Department of Parks and Recreation Form 523 in accordance with all applicable regulations and evaluated for significance and eligibility for inclusion in all applicable federal, state, and local historic registers. No further grading shall occur in the area of the discovery until the project proponent approves measures to protect the resources.</p>	Less Than Significant



**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
Would the proposed project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	Potentially Significant	<p>Cul-3 <b>Avoidance of Known Archaeological Sites.</b> None of the resources within the APE have been determined to meet the criteria for inclusion in the NRHP or the CRHR. Although unlikely there is a possibility that a subsurface component to CA-SDI-257 extends within the APE and may be impacted by the proposed project. There is also a possibility that inadvertent discoveries of archaeological sites be made during construction of the proposed project.</p> <p>a. Known cultural resources that can be avoided shall be demarcated as Environmentally Sensitive Areas (ESAs). All potentially NRHP and/or CRHR-eligible resources that would not be affected by direct impacts, but are within 50 feet of direct impact areas, shall be designated as ESAs. Protective fencing or other markers shall be erected and maintained to protect ESAs from inadvertent trespass for the duration of construction in the vicinity. An archaeologist shall monitor during ground-disturbing activities at all cultural resource ESAs.</p> <p>b. Construction Monitoring: Prior to issuance of grading permit(s), the project applicant shall retain a qualified archaeologist, in accordance with the Secretary of the Interior’s Standards and Guidelines (Secretary’s Standards) (36 CFR 61), and Native American observer to monitor ground-disturbing activities in culturally sensitive areas in an effort to identify any unknown resources. A qualified archaeologist shall attend preconstruction meetings, as needed, to make comments and/or suggestions concerning the monitoring program and to discuss excavation plans with the excavation contractor. The requirements for archaeological monitoring shall be noted on the construction plans. A qualified paleontologist shall be retained to monitor earth disturbances in all areas of paleontological sensitivity, per approval by lead agency. All construction activities in environmentally sensitive areas, or any other area of the project deemed sensitive for containing cultural resources, shall be monitored by a qualified archaeologist. Since significant portions of the project site contain sedimentary deposits that have the potential to contain buried cultural resources, then full-time cultural resources monitoring shall be implemented during all phases of ground-disturbing work in these areas. A cultural resource monitor shall meet the Secretary of the Interior Standards Qualifications as a professional archaeologist and, as appropriate, shall be on the lead agencies approved consultants list. The archaeological monitor(s) shall also be familiar with the project area and, therefore, be capable of anticipating the types of cultural resources that may be encountered.</p> <p>c. Training for Contractor: Prior to construction, all applicant, contractor, and subcontractor personnel shall receive training regarding the appropriate work practices necessary to effectively implement the mitigation measures and to comply with the applicable environmental laws and regulations (including penalties for violation under the appropriate state and federal laws), avoiding ESAs, the potential for exposing subsurface cultural resources and paleontological resources, and to recognize possible buried resources. This training shall</p>	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
		<p>include presentation of the procedures to be followed upon discovery or suspected discovery of archaeological materials, including Native American remains and their treatment, as well as of paleontological resources.</p> <p>d. Discovery of Unknown Resources: In the event that cultural resources are discovered, the archaeologist shall have the authority to divert or temporarily halt ground disturbance to allow evaluation of potentially significant cultural resources. The archaeologist shall evaluate the significance of the discovered resources based on eligibility for the NRHP, CRHR, or local registers. Preliminary determinations of NRHP eligibility shall be made by the lead agencies, in consultation with other appropriate agencies and local governments, and the SHPO.</p>	
Would the proposed project directly or indirectly destroy a significant tribal cultural resource?	Potentially Significant	Implementation of mitigation measure Cul-3.	Less Than Significant
Would the proposed project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	Potentially Significant	<b>Cul-4 Procedures for Unintentional Disturbance of Paleontological Resources.</b> If paleontological resources are encountered during construction of the proposed project, all ground-disturbing activity shall cease within 100 feet of the resource. A qualified paleontologist shall be retained by the project proponent to evaluate the significance of the find; to salvage, record, clean, and curate significant fossil(s); and to document the find in accordance with current professional paleontological standards. No further grading shall occur in the area of the discovery until the project proponent approves the measures to protect the resources. Any fossils recovered as a result of mitigation shall be donated to a qualified scientific institution approved by the project proponent where they would be afforded long-term preservation to allow future scientific study.	Less Than Significant
Would the proposed project disturb any human remains, including those interred outside of formal cemeteries?	Potentially Significant	Implementation of construction monitoring, mitigation measures, and compliance with state and federal laws.	Less Than Significant
<b>Geology and Soils (Environmental Management)</b>			
Would the proposed project expose people or structures to geologic hazards, including rupture of a known earthquake fault, strong seismic ground shaking, or seismic-related ground failure, including liquefaction and/or landslides?	Less Than Significant	No mitigation required.	Less Than Significant
Would the proposed project result in substantial soil erosion or the loss of topsoil?	Less Than Significant	No mitigation required.	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

<b>Threshold</b>	<b>Significance Prior to Mitigation</b>	<b>Mitigation Measure(s) or Project Requirements</b>	<b>Significance After Mitigation</b>
<p>Would the proposed project be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project, and potentially result in on- or off-site landslides, lateral spreading, subsidence, liquefaction or collapse?</p> <p>Would the proposed project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1997), creating substantial risks to life or property?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would the proposed project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<b>Greenhouse Gas Emissions</b>			
<p>Would the proposed project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would the proposed project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<b>Hazards and Hazardous Materials</b>			
<p>Would implementation of the proposed project result in a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?</p> <p>Would implementation of the proposed project result in the release of hazardous materials into the environment through reasonably foreseeable accident conditions?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would implementation of the proposed project result in activities that emit hazardous emissions or handle hazardous materials within one-quarter mile of an existing or proposed school?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would implementation of the proposed project result in activities located on a listed hazardous materials site creating a significant hazard to the public or environment?</p>	Less Than Significant	No mitigation required.	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

<b>Threshold</b>	<b>Significance Prior to Mitigation</b>	<b>Mitigation Measure(s) or Project Requirements</b>	<b>Significance After Mitigation</b>
<p>Would the proposed project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, result in a safety hazard for people residing or working in the project area?</p> <p>Would the proposed project within the vicinity of a private airstrip, result in a safety hazard for people residing or working in the project area?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would implementation of the proposed project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would implementation of the proposed project expose people or structures to a significant risk of loss, injury or death involving wildland fires?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<b>Hydrology and Water Quality (Water Resources)</b>			
<p>Would the proposed project violate any water quality standards or waste discharge requirements?</p> <p>Would the proposed project otherwise substantially degrade water quality?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would the proposed project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off site?</p> <p>Would the proposed project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site?</p> <p>Would the proposed project create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?</p>	Less Than Significant	No mitigation required.	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

<b>Threshold</b>	<b>Significance Prior to Mitigation</b>	<b>Mitigation Measure(s) or Project Requirements</b>	<b>Significance After Mitigation</b>
Would the proposed project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	Less Than Significant	No mitigation required.	Less Than Significant
Would the proposed project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Would the proposed project place within a 100-year flood hazard area structures which would impede or redirect flood flows? Would the proposed project expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?	Less Than Significant	No mitigation required.	Less Than Significant
Would the proposed project inundate by Seiche, Tsunami, or mudflow?	Less Than Significant	No mitigation required.	Less Than Significant
<b>Noise</b>			
Would the proposed project expose persons to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Potentially Significant	Noi-1 Prior to the start of construction, the project proponent shall prepare a noise mitigation plan that demonstrates that the County of San Diego's noise standards will not be exceeded during construction. The plan shall be implemented during construction. The plan shall include, but not be limited to, the following components: a. Noise modeling to quantitatively demonstrate construction activities' noise impacts at nearby noise sensitive land uses. b. Require construction activities to be limited to between the hours of 7 a.m. and 7 p.m. c. Require construction equipment to use noise-reduction features (e.g., mufflers, dampners, and engine shrouds) that are no less effective than those originally installed by the manufacturer. d. Require noise monitoring during construction of the pipeline and desilting basin.	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
Would the proposed project expose persons to or generate excessive groundborne vibration or groundborne noise levels?	Potentially Significant	<p>Noi-2 Prior to the start of construction, the project proponent shall prepare a vibration mitigation plan that demonstrates that the County of San Diego's vibration standards will not be exceeded during construction. The plan shall be implemented during construction. The plan shall include, but not be limited to, the following components:</p> <ul style="list-style-type: none"> <li>a. Vibration calculations to quantitatively demonstrate construction activities' vibratory impacts at nearby land uses.</li> <li>b. Require specific measures such as equipment phasing, limitations of use, or vibration-reduction features that are no less effective than those originally installed by the manufacturer.</li> <li>c. Require plan monitoring during construction of the pipeline and desilting basin.</li> </ul>	Less Than Significant
<p>Would the proposed project cause a substantial permanent increase in the ambient noise levels in the proposed project vicinity above levels existing without the proposed project?</p> <p>Would the proposed project cause a substantial temporary or periodic increase in ambient noise levels in the proposed project vicinity above levels existing without the proposed project?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<p>Would the proposed project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, expose people residing or working in the project area to excessive noise levels?</p> <p>Would the proposed project within the vicinity of a private airstrip, expose people residing or working in the project area to excessive noise levels?</p>	Less Than Significant	No mitigation required.	Less Than Significant
<b>Traffic</b>			
Would the proposed project conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	Potentially Significant	<p>Tra-1 <b>Traffic Management and Control Plans.</b> Prior to the construction of each component within a public road ROW, the project proponent shall retain a qualified engineer to prepare a traffic control plan for the roadways that may be affected by that particular project component. The traffic control plan shall be developed in accordance with the California Manual on Uniform Traffic Control Devices and submitted to the County's Traffic Engineering Section for approval on county land. The traffic control plan shall identify temporary lane and roadway closures, safety measures, and alternative routes to be utilized during construction of the proposed project in order to minimize impacts and ensure</p>	Less Than Significant

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements	Significance After Mitigation
		<p>continuous operations on North Lake Wohlford Road and North Canal Road during pipeline construction activities. The traffic control plan would also include, if applicable:</p> <ol style="list-style-type: none"> <li>a. Speed limit reduction through installation of temporary traffic lights and/or other signage with addition of acceleration, deceleration, and turn lanes on routes with site entrances developed under the proposed project.</li> <li>b. Covering trenches (e.g., using metal plates) in roadways during non-working hours.</li> <li>c. Limiting construction vehicles traveling on public roadways during the morning and late afternoon peak commute times to minimize impacts on local commuters.</li> <li>d. Requirement for workers to park personal vehicles at the approved staging areas and take only necessary project vehicles to the work sites.</li> <li>e. Plans for notifications and a process for communication with affected residents and landowners prior to the start of construction. Advance public notification shall include posting of notices and appropriate signage of construction activities. The written notification shall include the construction schedule, the exact location and duration of activities within each street (i.e., which road/lanes and access point/driveways/parking areas would be blocked on which days and for how long), and a toll-free telephone number for receiving questions or complaints.</li> <li>f. Sight distance at individual construction site access points will be reviewed to ensure compliance with appropriate sight distance standards at the time of preparation of final grading, and landscaping.</li> <li>g. Plans to coordinate all construction activities with emergency service providers in the area. Emergency service providers would be notified of the timing, location, and duration of construction activities. All roads would remain passable to emergency service vehicles at all times.</li> <li>h. Provision of vehicle safety procedures for entering and exiting site access roads.</li> <li>i. Maintain access to transit, bicycle, and pedestrian facilities along project routes.</li> <li>j. Provision of ridesharing/carpooling options for construction staff to reduce the number of vehicles traveling to a work zone.</li> </ol>	

**Table ES-1 Summary of Environmental Impacts and Mitigation Measures**

<b>Threshold</b>	<b>Significance Prior to Mitigation</b>	<b>Mitigation Measure(s) or Project Requirements</b>	<b>Significance After Mitigation</b>
Would the proposed project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	Potentially Significant	Implementation of mitigation measure Tra-1.	Less Than Significant
Would the proposed project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Potentially Significant	Implementation of mitigation measure Tra-1.	Less Than Significant
Would the proposed project result in inadequate emergency access?	Potentially Significant	Implementation of mitigation measure Tra-1.	Less Than Significant

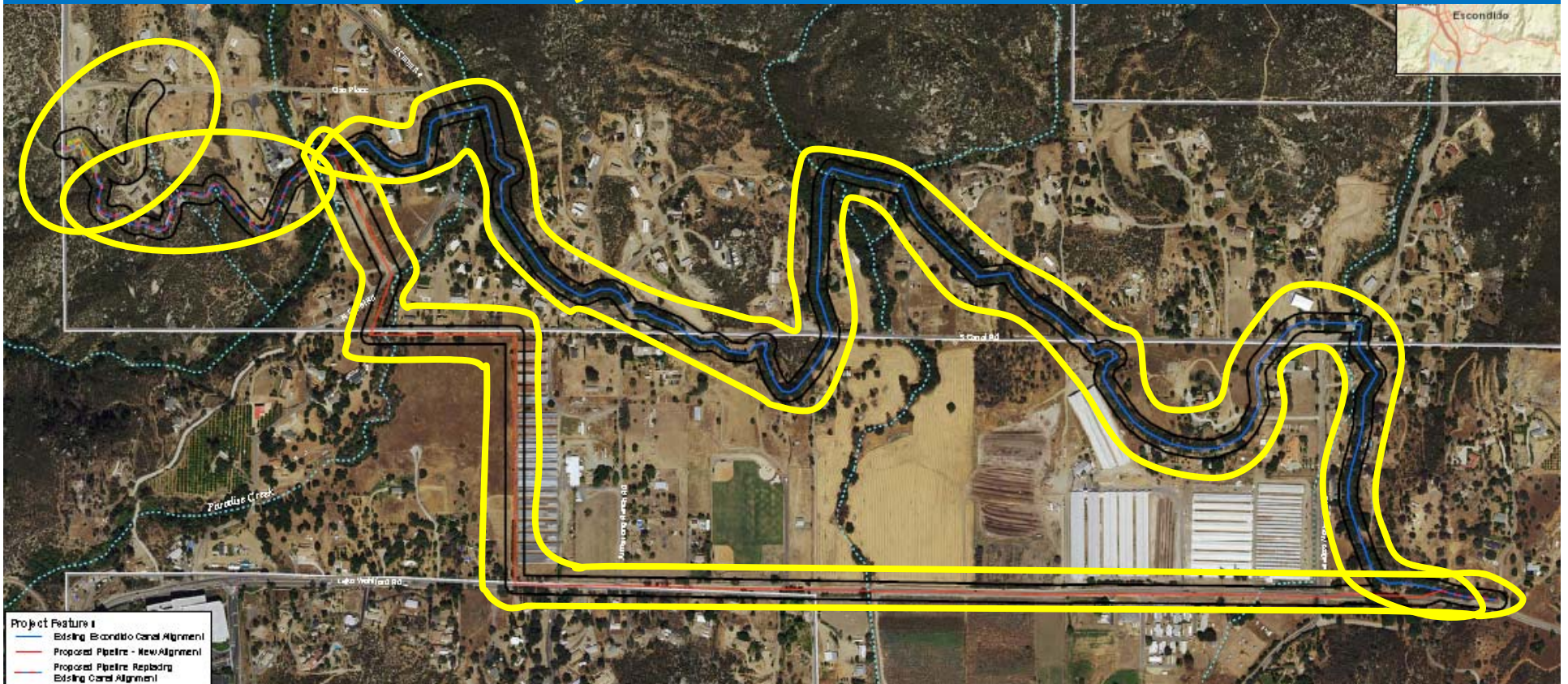


# San Pasqual Undergrounding Project Environmental Assessment/ Mitigated Negative Declaration

## Presentation to the VID Board September 7, 2016



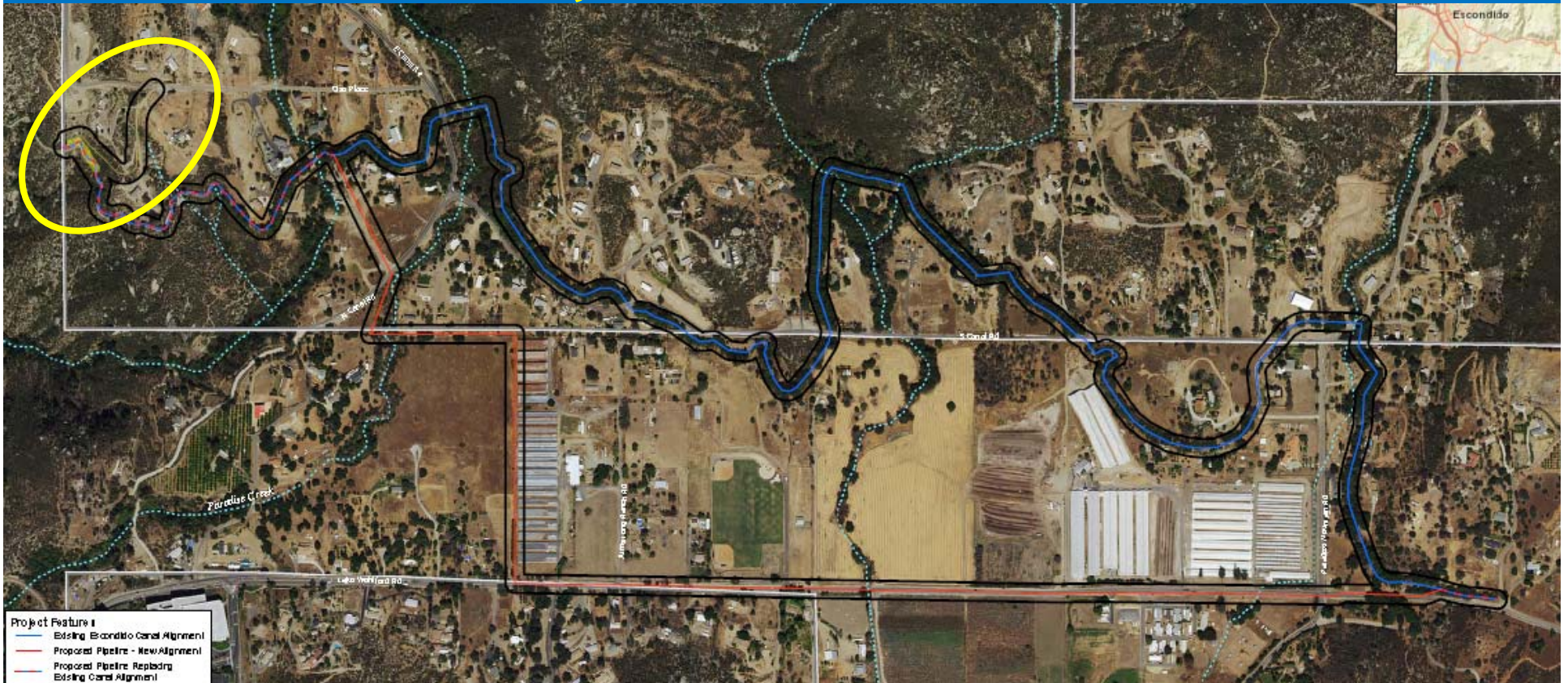
# Project Overview



## Four Primary Elements

- Desilting basin & access road
- 2000' of canal replacement within existing right-of-way
- 1.6 miles of 60-inch pipeline in new rights-of-way
- Decommissioning and reclamation of 2.5 miles of old canal right-of-way

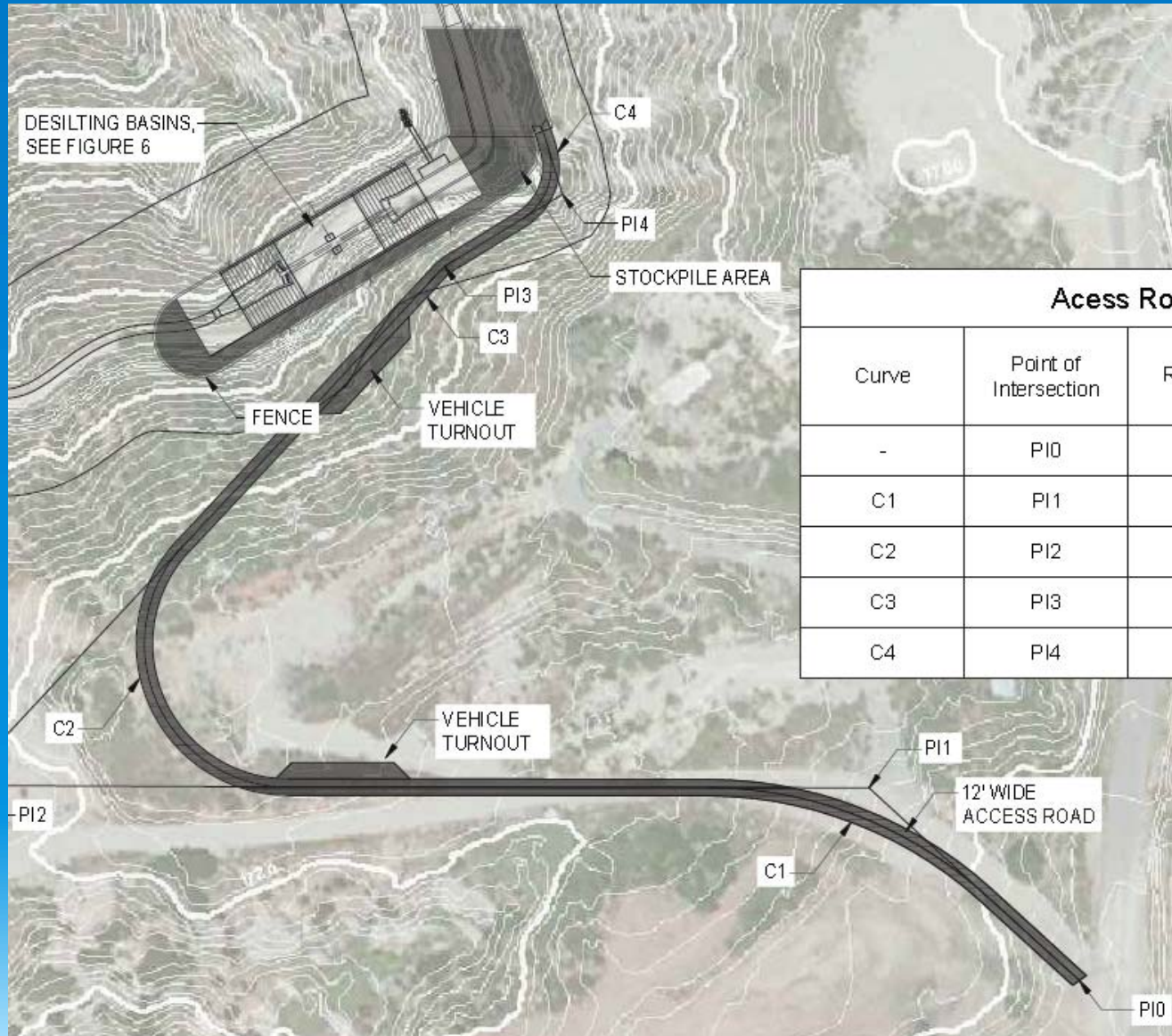
# Project Overview



## Four Primary Elements

- Desilting basin & access road

# Desilting Basin & Access Road



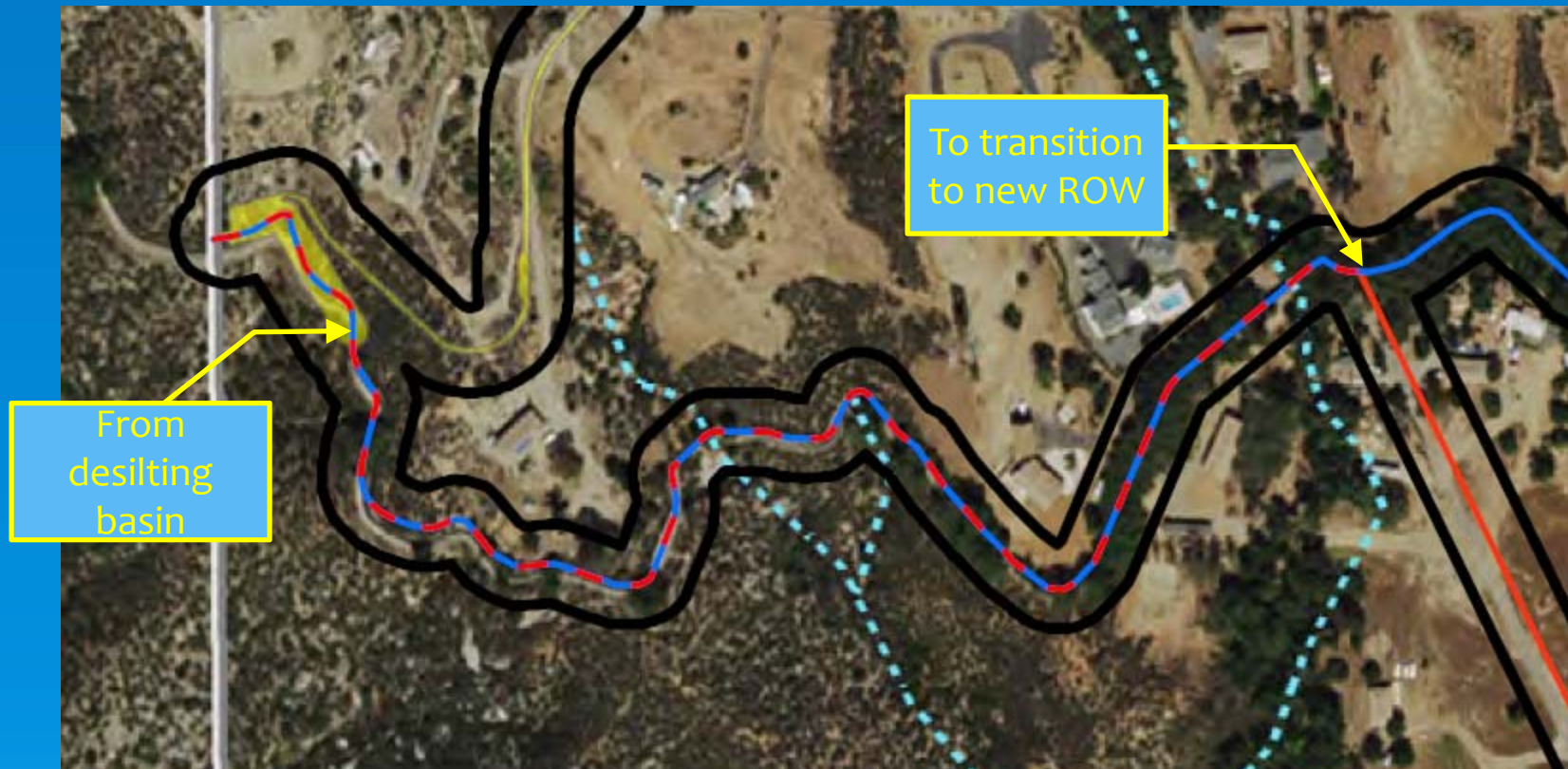
# Project Overview



## Four Primary Elements

- 2000' of canal replacement with 60-inch diameter pipeline within existing right-of-way

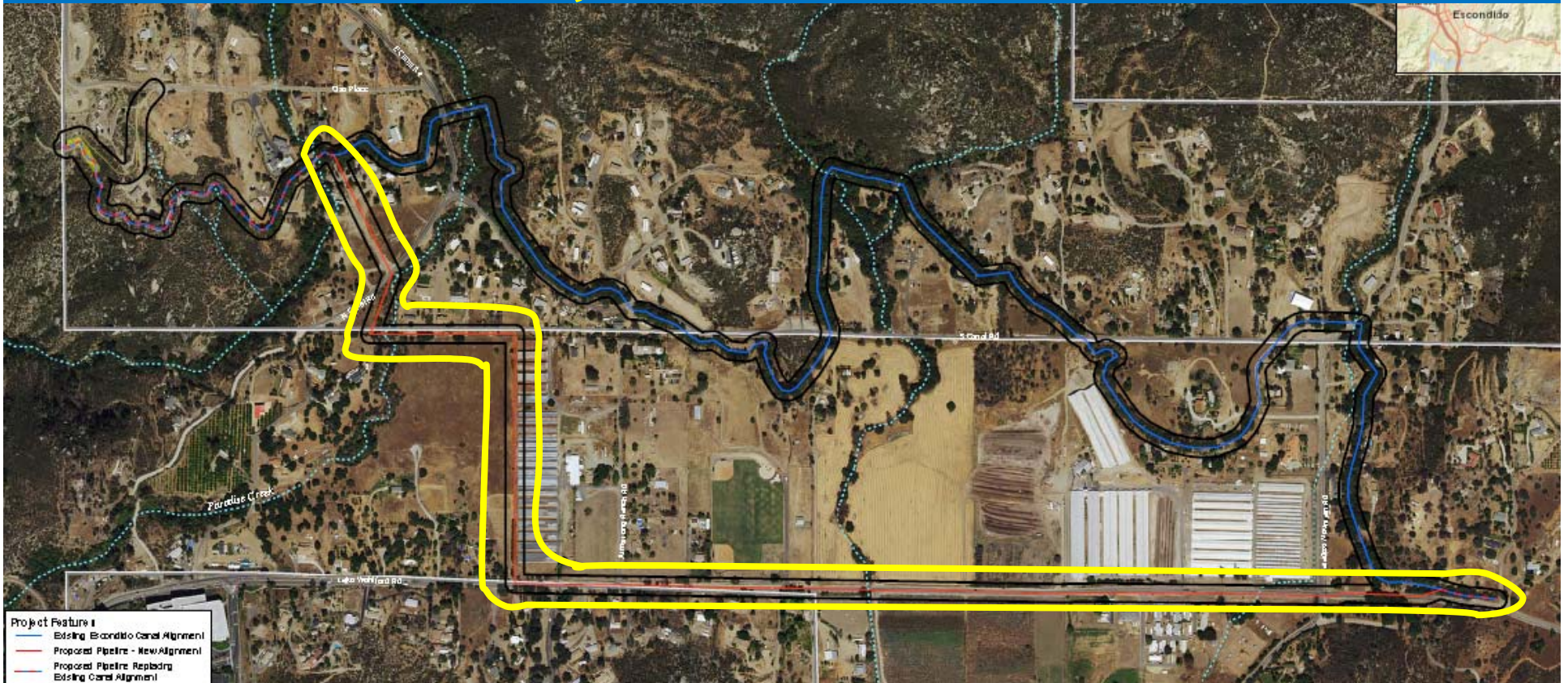
# Canal Replacement Within Existing Right-of-way



- 2000' of new 60-inch diameter pipeline within existing right-of-way



# Project Overview



## Four Primary Elements

- 1.6 miles of 60-inch pipeline in new rights-of-way





72



73



75



80



## Project Purpose & Need

- A requirement of the Settlement Agreement
  - To increase public safety
  - To reduce impact on San Pasqual Indian Reservation

## Estimated Cost

- \$25 - \$30 million, split evenly between Escondido and VID

## Construction Timeline

- Settlement Agreement requires completion within 6 years of Agreement Effectiveness
- Construction contract expected to be 2 years duration

Questions?

**ATKINS**

# San Pasqual Undergrounding Project

Environmental Assessment/Mitigated  
Negative Declaration



# Key Findings of Draft EA/MND

# Resources Not Likely to be Affected

- Land Use and Planning
- Mineral Resources
- Population and Housing
- Public Services
- Recreation
- Utilities and Service Systems



# Less-Than-Significant Impact

- Agricultural and Forest Resources
- Air Quality
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality





# Less-Than-Significant with Mitigation Incorporated

- Aesthetics

Summary of Environmental Impacts and Mitigation Measures				
Threshold	Significance Prior to Mitigation	Mitigation Measure(s) or Project Requirements		Significance After Mitigation
<b>Aesthetics (Visual Resources)</b>				
Would the proposed project have a substantial adverse effect on a scenic vista? Would the proposed project substantially degrade the existing visual character or quality of the site and its surroundings?	Potentially Significant	Aes-1 Aes-2	Visually Compatible Landscaping. Visually Compatible Design.	Less Than Significant



# Less-Than-Significant with Mitigation Incorporated

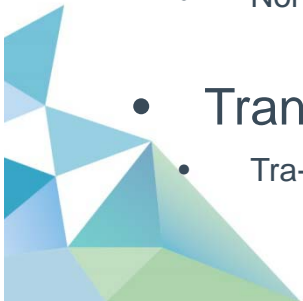
- Biological Resources

- Bio-1 Project Level Biological Resource Surveys
- Bio-2 Avoidance of Nesting Birds
- Bio-3 Avoidance of Nesting Raptors
- Bio-4 Construction Fencing
- Bio-5 Construction Staging Areas
- Bio-6 Pre-Construction Meeting
- Bio-7 Construction-Related Noise
- Bio-8 Hydroseeding of Graded Areas
- Bio-9 Habitat Replacement
- Bio-10 Jurisdictional Delineation



# Less-Than-Significant with Mitigation Incorporated

- Cultural Resources
  - Cul-1 Archaeological Monitoring
  - Cul-2 Procedures for Unintentional Disturbance of Cultural Resources
  - Cul-3 Avoidance of known Archeological Sites
  - Cul-4 Procedures for Unintentional Disturbance of Paleontological Resources
- Noise
  - Noi-1 Noise Mitigation Plan
  - Noi-2 Vibration Mitigation Plan
- Transportation/Traffic
  - Tra-1 Traffic Management and Control Plans

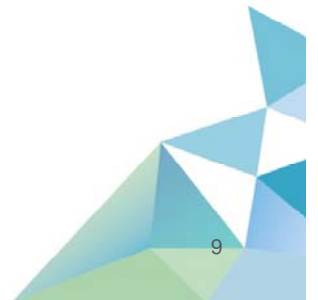


# CEQA / NEPA Process Timeline

ATKINS

# CEQA/NEPA Process Timeline

- Draft EA/MND circulated for public review  
August 16th – September 14th
  - Based on comments received, revised EA/MND prepared
- Responses to public comments and Final EA/MND presented to VID/Escondido/BIA on 10/19/16
  - VID/Escondido Approval/NOD 10/19 – 11/18
  - BIA Approval/FONSI 10/19 – 11/29

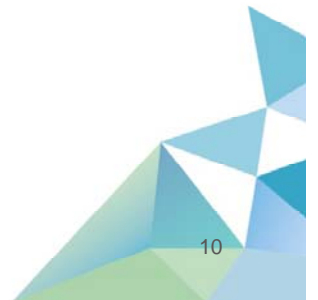


# Key Permits and Approvals

- AB 52 Consultation
- U.S. Army Corps of Engineers  
CWA 404 permit

## **Off-reservation**

- California Department of Fish and Wildlife  
Streambed Alteration Permit
- State Water Resources Control Board  
Water Quality Certification



Thank You



## STAFF REPORT

Agenda Item: 8

Board Meeting Date: September 7, 2016  
Prepared By: Brett Hodgkiss, Don Smith,  
and Brian Smith  
Approved By: Eldon Boone

SUBJECT: DIVISION REPORTS

RECOMMENDATION: Note and file informational report.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

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

### ENGINEERING DIVISION

#### *August*

- Mainline Replacements – Continued working on design of main replacement projects. Continued development of project guidelines for outsourcing the design and construction of additional replacement projects and completed review of proposals from consultants for on-call engineering services.
- AB Line and Meyer's Siphon Replacement Projects – Infrastructure Engineering Corporation (IEC) continued on design efforts.
- Flume Relocation (Hidden Valley Estates) –Continued discussions with Cass Construction regarding project constructability and continued review of flume relocation plans.
- Attended North San Diego Water Reuse Coalition meeting.
- Master Plan Update – Executed agreement with HDR and scheduled kickoff meeting.
- Flume Historical Documentation – Helix Environmental continued preparation of Historic American Engineering Record (HAER)-level documentation of the Vista Flume, including archival quality photographs and associated documentation to be filed with appropriate historical societies and archives.
- HP Reservoir –Began negotiating a design build (DB) contract with Richard Brady and Associates (Brady) for the HP Reservoir rehabilitation. Brady continued working on rehabilitation design.

#### *September*

- Mainline Replacement Projects in design (current projects): Las Flores Dr., Mar Vista Dr. (500 block), Private Roads off Mar Vista Dr./Thibodo Rd.\*, Alessandro Trail/Ln.\*, Suemark Ter.\*, Plumosa Ave.\*, Mimosa Ave.\*, Lonsdale Ln.\*, Rosario Ln.\*, Catalina Ave.\*, Taylor St.\*, Goodwin Dr.\*, Lobelia Dr., Primrose Ave., Hilo Dr.\*, Quails Trails\*, Peach Grove Lane\*, Copper Dr.\*, Delta Ln.\*.
- Mainline Replacement Projects in planning (future projects): Camino Ciego\*, Mar Vista Dr., Miramar Dr., Marine View Dr., E. Vista Way, Mason Rd., Lado De Loma, Eddy Dr., Camino Patricia, Camino Corto, Nordahl Rd.\*, HN Line- Gopher Canyon to Fairview Dr., N. Citrus Ave., Nevada Ave., Lemon Ave., Buena Creek Rd.\*, Vista Grande Dr.\*, Green Hills Way, Elevado Road, Via Christina, S. Santa Fe Pipeline, Rancho Vista Rd., Bandini Place, McGavran Dr., Ora Avo Dr., Shale Rock, San Clemente Ave.\*, San Clemente Way\*, La Mirada, Crescent Dr., Descanso Ave., Pump Station No. 10 By-Pass – Blue Bird Canyon.



- Mainline Replacements (consultant projects) – Select consultant for on-call engineering services for water pipeline replacements and recommend awarding an annual contract.
- AB Line and Meyers Siphon Projects – IEC to continue with final design.
- City of Vista Projects: Paseo Santa Fe Streetscape Improvements- Phase II along South Santa Fe from Ocean View Drive to Terrace Drive. Phase III - Terrace Drive to Civic Center Drive. Coordinate design of water improvements associated with City street improvements.
- Flume Relocation (Hidden Valley Estates) – Obtain and review bid from Cass Construction for flume relocation work.
- Attend North San Diego Water Reuse Coalition meeting.
- Master Plan Update – HDR to continue with Master Planning efforts.
- HP Reservoir – Finalize DB contract for Board consideration. Brady to continue with the rehabilitation design.

\*Nipponite pipe

## FIELD SERVICES AND WATER RESOURCES DIVISION

### VID Water Production

July 2016

Description	Current Month Production		Average Production of Last 12 Months		Total, Fiscal Year-to-Date
	(mgd)	(af)	(mgd)	(af)	(af)
<b>VID's EVWTP Water Production</b>					
Local Water	4.16	395.40	1.47	137.71	395.40
SDCWA Raw Water	8.47	805.90	8.39	784.79	805.90
<b>Subtotal (EVWTP Water Production)</b>	<b>12.63</b>	<b>1,201.30</b>	<b>9.86</b>	<b>922.50</b>	<b>1,201.30</b>
Oceanside Contract Water	0.00	0.00	2.20	206.57	0.00
SDCWA Treated Water	6.45	614.00	2.40	224.17	614.00
<b>TOTAL WATER PRODUCTION</b>	<b>19.08</b>	<b>1,815.30</b>	<b>14.46</b>	<b>1,353.23</b>	<b>1,815.30</b>

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

#### Lake Henshaw

Storage as of August 30, 2016:	2,681 af (5% of 51,774 af capacity)
Current releases:	0 cfs (M-Th); 10 cfs (F-Su); 30 cfs (Holiday)
Change in storage for month of July:	1,048 af (loss)
Total releases for month of July:	941 af
Hydrologic year-to-date rain total:	0.00 inches (August 30, 2016)
Percent of yearly average rain:	0% (30-year average: 24.09 inches)
Percent of year-to-date average rain:	0% (30-year average through August: 0.53 in.)

#### Warner Ranch Wellfield

Number of wells running in July:	14
Total production for month of July:	542 af
Average depth to water table (August):	122 ft (see attached historical water table chart)

## Electrical Energy Use at VID Headquarters

July 2016

Description	Current Month Production	Average of Last 12 Months	Total, Fiscal Year-to-Date
	(kWh)	(kWh)	(kWh)
Solar Production (\$0.15650 per kWh)	47,823	35,233	47,823
Additional Commercial Use (\$0.04977 per kWh)	9,724	14,722	9,724
<b>TOTAL ELECTRICAL ENERGY USE</b>	<b>57,547</b>	<b>49,955</b>	<b>57,547</b>

### *August*

- Started main line replacement of 4" and 6" Nipponite pipe on Alessandro Trail – install 1,150' of 8" of PVC and 200' of 4" PVC, 28 services and three hydrants.
- Completed main line replacement of Nipponite pipe on North Santa Fe Avenue – installed 250' of 8" PVC.
- Completed main line replacement of 6" steel pipe on Las Flores Drive – installed 500' of 8" PVC, 12 services and one hydrant.
- Completed main line replacement of Nipponite and steel pipe on Mar Vista Drive – 960' of 10" and 900' of 6" PVC, 24 services and one hydrant.
- Analyzed 125 routine (reportable to State Water Resources Control Board) bacteriological samples. All samples were negative for total coliforms (TC-).
- Third Quarter Stage 2 Disinfection Byproduct (DBP) samples were collected on August 3, 2016. All samples were in compliance.
- Water Quality Calls/Incidents for August – received one discolored water and four taste/odor calls. The source of the discolored water was undetermined, but resolved with flushing. The taste/odor calls were attributed to source water blends and high water temperatures.
- Performed dam inspections after two minor earthquakes at Henshaw.

### *September*

- Start main line replacement on Hilo Way - 750' of Nipponite pipe.
- Continue main line replacement on Alessandro Trail.

### ***WARNER RANCH, SAN LUIS REY RIVER, FERC and ESCONDIDO ISSUES***

- Issued entry permits for: the California Department of Fish & Wildlife to access the Cleveland National Forest via Fink Road; San Diego State University Student in support of an academic geotechnical thesis.
- Cattle counts for August: Hettinga – 1,685 Mendenhall – 97

### ATTACHMENTS:

Lake Henshaw Resort, Inc., Activity Reports – June 30, 2016

VID's Warner Wellfield - Water Table Depth vs. Monthly Wellfield Production

## ADMINISTRATION DIVISION

### *August*

- **The District's total water production for July 2016 was 1,815 acre-feet (AF) compared to 2,089 AF in 2013, representing a 13 percent decrease. For the fourteen month period ending July 31, 2016 that the State has mandated conservation standards, the District's total water production has decreased by 19 percent when compared to a fourteen month period using 2013 data. The District's State mandated conservation standard is 0%.**
- Continued planning for the District's annual picnic.
- Participated in California Special Districts Association Fiscal Committee meeting.
- Began recruitment for System Operator I/II position.
- Continued recruitment for Management Analyst position.
- Completed recruitment for Heavy Equipment Operator position. Lee Hodges was offered and accepted a promotion to this position.
- Coordinated Drug and Alcohol Reasonable Suspicion training for commercial drivers and supervisors. This training was open to other water agencies.

### *September*

- Coordinate the District's annual picnic.
- Continue recruitments for Management Analyst and System Operator I/II positions.



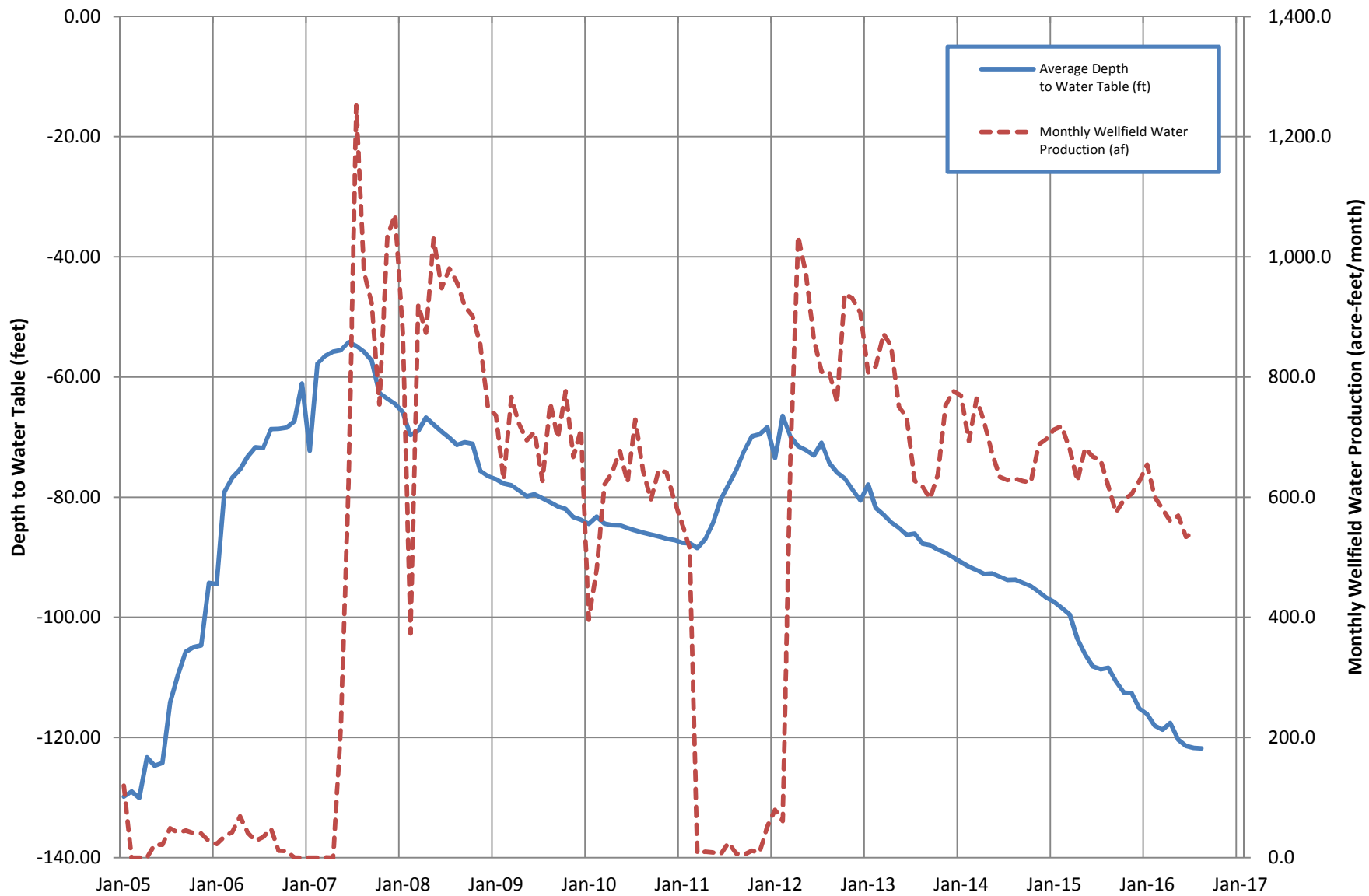
**LAKE HENSHAW RESORT, INC.  
ACTIVITY REPORT  
AS OF JUNE 30, 2016**

	2015 Jun	2015 Jul	2015 Aug	2015 Sep	2015 Oct	2015 Nov	2015 Dec	2016 Jan	2016 Feb	2016 Mar	2016 Apr	2016 May	2016 Jun	12 MO AVG
Fishing Permits	770	706	736	475	255	192	141	234	327	591	699	650	772	482
Boat Launches	54	15	15	9	4	0	2	4	9	14	26	32	62	16
Motor Boats (full day rental)	68	48	54	23	7	14	156	14	13	27	52	55	59	44
Motor Boats (half day rental)	8	13	8	2	1	1	40	1	6	3	8	3	12	8
Campground/Head Count	869	2,364	1,445	1,927	510	328	158	130	170	153	194	2,124	659	847
Campground/Cars, Trucks, etc.	258	666	410	574	152	93	37	17	58	128	284	797	283	292
Campground/Recreational Vehicles	22	11	1	12	12	9	6	3	5	21	15	16	6	10
Mobile Home/Spaces	61	60	60	61	61	61	61	61	61	61	62	62	62	61
M.H.P. Daily (Visitors/Head Count)	142	130	126	135	108	93	87	44	9	12	23	22	53	70
M.H.P. (Residents/Head Count)	93	90	90	91	91	91	94	85	85	84	86	84	84	88
Storage	7	7	7	7	7	6	5	4	4	3	1	4	4	5
Cabins	176	193	219	188	192	167	12	79	91	231	166	174	127	153
Hunters	0	0	0	0	0	19	83	88	0	0	0	0	0	16

\*The figure of 19 for "Hunters," in the month of November, is due to the public purchasing permits.  
Z:\Water Resources\DATA\Henshaw\RESORT\Resort Sum 2009-present.xls

# VID's Warner Wellfield

## Water Table Depth vs. Monthly Wellfield Production





## STAFF REPORT

Agenda Item: 9

**Board Meeting Date:** September 7, 2016  
**Prepared By:** Al Ducusin  
**Reviewed By:** Brian Smith  
**Approved By:** Eldon Boone

**SUBJECT:** PLUMBING SERVICES AGREEMENT AMENDMENT

**RECOMMENDATION:** Ratify payment of \$13,250 to Big Drip Plumbing and authorize the General Manager to amend the agreement for plumbing services with Big Drip Plumbing for a total amount not exceed to \$100,000 for fiscal year 2017.

**PRIOR BOARD ACTION:** None.

**FISCAL IMPACT:** \$13,250 for plumbing services performed in fiscal year 2016. The proposed amendment would increase the agreement amount by \$51,000 (from \$49,000 to \$100,000) in fiscal year 2017.

**SUMMARY:** Meter relocation private tie-backs required as part of the District's Main Replacement Program are performed by a licensed plumbing contractor. The District has used several plumbing contractors over the years, but due to recent increased insurance and prevailing wage requirements, as well as the type of work required, Big Drip Plumbing is currently the only plumber available to the District. When the District was able to solicit proposals from multiple vendors, Big Drip Plumbing typically provided the lowest bid. Staff is satisfied with the response time and quality of work provided by Big Drip plumbing; however, staff continues to look for additional contractors that meet the District's requirements for bidding on plumbing services to ensure the District is receiving competitive pricing.

The District had an agreement for plumbing services in an amount not to exceed \$49,000 with Big Drip Plumbing for fiscal year 2016 and renewed it for the same amount in fiscal year 2017.

**DETAILED REPORT:** Meter tie-back services can vary dramatically from job to job. During the last quarter of the fiscal year 2016, the total cost of meter tie-back services from Big Drip Plumbing exceeded the annual agreement amount (\$49,000) by \$13,250. Per the District's Purchasing Policy, services costing in excess of \$50,000 require Board approval; therefore, staff is requesting ratification of \$13,250 payment to Big Dip Plumbing at this time.

Recent efforts to accelerate implementation of the District's main replacement program have increased the need for meter tie-back services. During this first quarter of fiscal year 2017, approximately 40% of the agreement amount (\$49,000) for plumbing services with Big Drip Plumbing has been expended. Taking into consideration current and planned main replacement projects, staff anticipates a need to increase the agreement amount for fiscal year 2017 to a cost not to exceed \$100,000 to accommodate associated meter tie-backs.

**ATTACHMENTS:** None.



## STAFF REPORT

Agenda Item: 10

**Board Meeting Date:** September 7, 2016  
**Prepared By:** Don Smith  
**Reviewed By:** Brett Hodgkiss  
**Approved By:** Eldon Boone

**SUBJECT:** UPPER SAN LUIS REY WATERSHED AUTHORITY PARTICIPATION

**RECOMMENDATION:** Consider participation with the Upper San Luis Rey Watershed Authority.

**PRIOR BOARD ACTION:** On March 7, 2007, the Board authorized a contribution of \$2,500 to assist in the formation of the Upper San Luis Rey Watershed Authority (USLRWA), and subsequently become one of its charter members. On March 2, 2016, the Board elected to withdraw from the USLRWA to avoid involvement in a Groundwater Sustainability Agency (GSA) for the San Luis Rey Valley (SLRV) groundwater basin. On July 20, 2016 the Board tabled a discussion of resuming District participation in the USLRWA for reconsideration in September.

**FISCAL IMPACT:** The USLRWA is expected to levy another \$2,500 contribution from its membership in the near future.

**SUMMARY:** There have been few developments with regard to Board's concerns about the District's involvement in the USLRWA. In particular: 1) the USLRWA remains committed to contributing \$10,000 to a new GSA for the upper SLRV groundwater basin, once that GSA is successfully formed; and 2) the potential remains that the USLRWA could take positions or engage in activities that put the District at odds with our partners in the San Luis Rey Indian Water Rights Settlement.

**DETAILED REPORT:** At its July 20, 2016 meeting, the Board deferred a decision regarding participation in the USLRWA to see how issues pertaining to the implementation of the Sustainable Groundwater Management Act (SGMA) would evolve in the SLRV groundwater basin. The Board directed staff to notify the USLRWA of this decision (letter attached). Since that time, the USLRWA cancelled its August meeting due to lack of quorum.

The GSA Workgroup conducted two very well attended meetings at the Rincon Tribal Hall, on August 3 and August 18, 2016. The Workgroup meetings focused largely on the Basin Boundary Modification request submitted jointly by the County of San Diego and the City of Oceanside to the State Department of Water Resources (DWR). The five Indian Bands that make up the San Luis Rey Indian Water Authority (including the La Jolla, Rincon, San Pasqual, Pauma, and Pala Bands of Mission Indians) strongly objected to the boundary modification request. The bands felt that, by excluding the Pala sub-basin (and most of the Pala Indian Reservation) from the modified basin, the implementation of the San Luis Rey Indian Water Rights Settlement Agreement (to which the District is a party) would be greatly hindered.

The August 3, 2016 Workgroup meeting was attended by many interested parties, including DWR, State Water Resources Control Board (SWRCB), County of San Diego and many local agencies; the agenda consisted primarily of presentations by the bands highlighting their opposition to the request. The August 18, 2016 Workgroup meeting primarily consisted of DWR announcing its intention to reject the boundary modification request, and a discussion of how GSAs and GSPs would be configured for that portion of the SLRV groundwater basin below Frey Creek, in light of SWRCB Decision 1645 (2002), which finds that "the groundwater in the Pala Basin [and below] of the San Luis Rey River is a subterranean stream flowing through known and definite channels" (thereby exempting it from SGMA).

The GSA Workgroup is planning to meet privately to discuss governance issues, including the possible formation of a Joint Powers Authority or entering into a Memorandum of Understanding for the purpose of forming a GSA. Its next public meeting is scheduled for September 7, 2016 at 10 am.

ATTACHMENT: VID Letter to USLRWA dated July 25, 2016





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

July 25, 2016

Ms. Lori A. Johnson  
Secretary/Treasurer  
Upper San Luis Rey Watershed Authority  
P.O. Box 177  
Pauma Valley, CA 92061-0177

**Subject: District Participation in the USLRWA**

Dear Ms. Johnson:

Please extend our sincere thanks to the Board of the Upper San Luis Rey Watershed Authority (USLRWA) for the invitation to rejoin the USLRWA. The Vista Irrigation District (District) Board of Directors considered this matter at its meeting of July 20, 2016.

As you are aware, the District's Board of Directors voted to withdraw its membership in the USLRWA in March of this year to avoid real or apparent involvement with the formation of a Groundwater Sustainability Agency (GSA) in the San Luis Rey Valley (SLRV) groundwater basin. While the District understands that the USLRWA will not undertake the reorganization necessary to become the GSA for the upper SLRV groundwater basin, it realizes that issues pertaining to compliance with the Sustainable Groundwater Management Act of 2014 (SGMA) will occupy the attention of many of the members of the USLRWA into the foreseeable future and that the USLRWA has committed to contributing \$10,000 towards the costs of establishing a GSA in the SLRV groundwater basin.

The District's Board of Directors has expressed its preference to allow a period of time to let SGMA issues become better resolved in the upper SLRV groundwater basin before making a decision to resume participation in the USLRWA. With that in mind, the Board has directed District staff to bring the matter back for consideration at a later date.

Thank you again for your kind invitation, and we look forward to discussing these matters with you in the months to come.

Very truly yours,

A handwritten signature in blue ink that reads "Don A. Smith".

Don A. Smith  
Director of Water Resources

Cc: Eldon Boone, General Manager  
Paul Dorey, Director

**Board of Directors**

Richard L. Vásquez, *President*  
Paul E. Dorey  
Jo MacKenzie  
Marty Miller  
Randy L. Reznicek

**Administrative Staff**

Eldon L. Boone  
*General Manager/Treasurer*  
Brett L. Hodgkiss  
*Assistant General Manager*  
Lisa R. Soto  
*Board Secretary*  
Joel D. Kuperberg  
*General Counsel*



**Agenda Item: 11**

**STAFF REPORT**

**Board Meeting Date: September 7, 2016**  
**Prepared By: Eldon Boone**

**SUBJECT:** STATUS OF SAN LUIS REY INDIAN WATER RIGHTS SETTLEMENT IMPLEMENTATION

**SUMMARY:** Discuss issues relating to implementation of the San Luis Rey Indian Water Rights Settlement.

- 1) H.R. 1296
- 2) "Local Water" System rights-of-way
- 3) Escondido-VID Water Facilities Agreement



**Agenda Item: 12**

**STAFF REPORT**

**Board Meeting Date: September 7, 2016**  
**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.



## SUMMARY OF FORMAL BOARD OF DIRECTORS' MEETING AUGUST 25, 2016

### **ADMINISTRATION AND FINANCE COMMITTEE**

- 9- 1. Monthly Treasurer's Report on Investments and Cash Flow.  
The Board noted and filed monthly Treasurer's Report.
- 9- 2. Execute a reimbursement resolution for the Capital Improvement Program.  
The Board adopted Resolution 2016-13 making a declaration of official intent to reimburse certain capital project expenditures from proceeds of future debt obligations.
- 9- 3. Resolution establishing amount due from the City of San Diego for the In-Lieu Charge as a condition of providing water service for Fiscal Year 2017.  
The Board adopted Resolution No. 2016-14 establishing an amount due of \$2,096,423.46 from the city of San Diego for the In-Lieu Charge for fiscal year 2017.
- 9- 4. Amendments to the San Diego County Water Authority Local Conflict of Interest Code.  
The Board conducted the Public Hearing and adopted Resolution No. 2016-15 approving amendments to the San Diego County Water Authority Local Conflict of Interest Code.
- 9- 5. Ordinance making clean-up and other amendments to chapters 1.16, 2.00, 4.00, 4.04, and 7.00 of the Administrative Code.  
The Board adopted Ordinance No. 2016-03, an ordinance of the board of directors of the San Diego County Water Authority making clean-up and other amendments to chapters 1.16, 2.00, 4.00, 4.04, and 7.00 of the Administrative Code.

### **ENGINEERING AND OPERATIONS COMMITTEE**

- 9- 6. Professional services contracts with Kleinfelder and Tetra Tech for as-needed structural engineering services.  
The Board authorized the General Manager to award professional services contracts to Kleinfelder and Tetra Tech for an amount not-to-exceed \$350,000 each, to provide as-needed structural engineering support services for up to five years.
- 9- 7. Professional services contracts with Richard Brady & Associates and LEE & RO for as-needed electrical, instrumentation, and controls engineering services.  
The Board authorized the General Manager to award professional services contracts to Richard Brady & Associates and LEE & RO, for an amount not-to-exceed \$200,000 each to provide as-needed electrical, instrumentation, and controls engineering support services for up to five years.



- 9- 8. Service contract with Co's Traffic Control, Inc. for traffic control services.  
The Board authorized the General Manager to award a service contract to Co's Traffic Control, Inc. to provide traffic control services for a period of two years, with an option to extend the contract for an additional two years, for a total not-to-exceed amount of \$500,000.
- 9- 9. Construction contract with L.H. Woods and Sons, Inc. for the Pipeline 4 Relining at Lake Murray project.  
The Board authorized the General Manager to award a construction contract to L.H. Woods and Sons, Inc. in the amount of \$6,777,000 for the Pipeline 4 Relining at Lake Murray project.

**WATER PLANNING COMMITTEE**

- 9-10. Resolution Certifying the Final Supplement to the Precise Development Plan and Desalination Plant Project Final Environmental Impact Report (SEIR); Adopting Environmental Findings of Fact, Statement of Overriding Considerations and a Mitigation Monitoring and Reporting Program; and Authorizing Filing of a Notice of Determination.  
The Board adopted Resolution No. 2016-16 that:
- a) Certified the Final SEIR, as amended in the August 25, 2016 staff report, has been completed in compliance with the California Environmental Quality Act (CEQA) and State CEQA Guidelines, and reflects the independent judgment of the Board;
  - b) Concurrently adopted the Environmental Findings of Fact, Statement of Overriding Consideration and a Mitigation Monitoring and Reporting Program;
  - c) Authorized the filing of a Notice of Determination.
- 9- 11. Claude "Bud" Lewis Carlsbad Desalination Plant Water Purchase Agreement Contract Administration Memorandum Regarding the Proposed Intake and Discharge System Modifications.  
The Board authorized the General Manager to execute this Water Purchase Agreement Contract Administration Memorandum (CAM) between the Water Authority and Poseidon Resources (Channelside) LP for implementation of the intake and discharge modifications (Modifications) for the Lewis Carlsbad Desalination Plant (CDP).



## **STAFF REPORT**

**Agenda Item: 13.A**

**Board Meeting Date: September 7, 2016**  
**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: 13.B**

**Board Meeting Date:** September 7, 2016  
**Prepared By:** Marian Schmidt  
**Reviewed By:** Brett Hodgkiss  
**Approved By:** Eldon Boone

**SUBJECT:** SCHEDULE OF UPCOMING MEETINGS AND EVENTS AND DIRECTORS ATTENDING

**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.

	<b>SCHEDULE OF UPCOMING MEETINGS AND EVENTS</b>	<b>ATTENDEES</b>
<b>1 *</b>	<b>Council of Water Utilities Meeting</b> <i>Sept. 20, 2016, 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 9/15/16</i>	Dorey
<b>2</b>	<b>CEQA – California Environmental Quality Act (CSDA)</b> <i>Sept. 21, 2016 – CSDA Training Center, Sacramento</i> <i>Registration deadline: 9/15/16</i>	
<b>3</b>	<b>Groundwater Annual Conference and GRA Annual Meeting</b> <i>Sept. 28-29, 2016 – Hilton Concord</i> <i>Registration deadline: 9/20/16</i>	Dorey (R,A,H)
<b>4</b>	<b>Colorado River Aqueduct System Tour (SDCWA)</b> <i>Sept. 30-Oct. 1, 2016</i> <i>Registration deadline: 9/8/16</i>	
<b>5</b>	<b>ACWA Regulatory Summit</b> <i>Oct. 3-4, 2016 – Hilton Sacramento Arden West</i> <i>Registration deadline: 9/26/16</i>	Vásquez (A,H) MacKenzie (A,H)
<b>6</b>	<b>WaterSmart Innovations Conference</b> <i>Oct. 5-7, 2016 – Las Vegas, Nevada</i> <i>Registration deadline: None</i>	
<b>7</b>	<b>Governance Foundations (CSDA)</b> <i>Oct. 10, 2016. – Sheraton San Diego Hotel</i> <i>Registration deadline: 9/9/16</i>	
<b>8</b>	<b>CSDA Annual Conference</b> <i>Oct. 10-13, 2016 – Sheraton San Diego Hotel</i> <i>Registration deadline: 9/9/16</i>	MacKenzie (R,H) Miller (T,H) Reznicek (T,H) Vásquez (H)
<b>9 *</b>	<b>Council of Water Utilities Meeting</b> <i>Oct. 18, 2016, 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 10/13/16</i>	
<b>10</b>	<b>Northern California Tour (Water Education Foundation)</b> <i>Oct. 19-21, 2016 – Tour starts at Sacramento Airport</i> <i>Registration deadline: 9/19/16</i>	
<b>11</b>	<b>ACWA Region 10 Program</b> <i>Oct. 28, 2016 – Vista Irrigation District</i>	Vásquez MacKenzie Miller Reznicek
<b>12</b>	<b>San Joaquin Restoration Tour (Water Education Foundation)</b> <i>Nov. 2-3, 2016 – Tour starts at Sacramento Airport</i> <i>Registration deadline: 10/2/16</i>	

<b>13</b>	<b>Ethics AB 1234 Compliance Training Webinar (CSDA)</b> <i>Nov. 8, 2016 – 10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 11/3/16</i>	
<b>14 *</b>	<b>Council of Water Utilities Meeting</b> <i>Nov. 15, 2016, 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 11/10/16</i>	
<b>15 *</b>	<b>CSDA Quarterly Dinner Meeting</b> <i>Nov. 17, 2016 – 6:00-9:00 p.m. – The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 11/10/16</i>	
<b>16</b>	<b>ACWA Fall Conference</b> <i>Nov. 29-Dec. 2, 2016 – Anaheim Marriott Hotel</i> <i>Registration deadline: 11/1/16</i>	Vásquez Dorey MacKenzie Miller
<b>17</b>	<b>Colorado River Water Users Association Annual Conference</b> <i>Dec. 14-16, 2016 – Caesar's Palace, Las Vegas</i> <i>Registration deadline: TBD</i>	Miller (T) MacKenzie Reznicek
<b>18 *</b>	<b>Council of Water Utilities Meeting</b> <i>(No meeting in December)</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: 14**

**STAFF REPORT**

**Board Meeting Date: September 7, 2016**  
**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:*

- Flume Relocation Project
- Review of meetings eligible for per diem compensation
- Groundwater Study update
- Development of policy on sale/lease of District properties
- Update on hydration station installations at Vista Unified School District sites