



AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
WEDNESDAY, MAY 13, 2020 - 9:00 AM
1391 Engineer Street, Vista, CA 92081
Phone: (760) 597-3100

COVID-19 RESPONSE PROCEDURES FOR MEETING
NOTICE FOR PARTICIPATION

In light of Governor Newsom's Executive Orders N-29-20 and N-33-20, and guidance from the County of San Diego, State of California, and Centers for Disease Control, please be advised that members of the public will not be able to attend this meeting in person. Executive Order N-33-20 requires persons "stay home or in their place of residence except as needed to maintain continuity of operations..." of critical infrastructure. As welcome as public attendance is at Vista Irrigation District Board of Directors meetings, it does not appear to fit this exception, and Vista Irrigation District encourages compliance with the Governor's Executive Order.

Members of the public may participate through Vista Irrigation District's teleconferencing line. The phone number and applicable pass code for such participation is as follows: Phone (877) 873-8018; Pass Code 474698#.

Vista Irrigation District's teleconferencing line capacity is limited and not all parties who wish to participate through this method may be able to do so. Phone participants are asked to place calls to this line at or before the scheduled start time of the meeting, so the District staff can organize order of speakers and assure the ability of all who wish to participate. Please also note phone or data charges from your carrier may apply to your use of this option.

To maintain orderliness in proceedings, phone participants will be asked to identify themselves, their address, and the item on the agenda they wish to address. Telephone participants are asked to limit background noise during telephonic participation (with muting features, if available) and to maintain proper decorum suitable to the conduct of public meetings at all times. Telephone participants may not speak until the appropriate time on the agenda and only when recognized by the Board President.

Members of the public may also address the Board of Directors by email; however, such email communication must be received at or before the time of the commencement of the meeting. The email address to use for such communications is as follows: BoardSecretary@vidwater.org.

Please also be advised that one or more members of the Vista Irrigation District Board of Directors or staff may participate in this meeting by teleconference or other digital means consistent with Executive Order N-29-20.

Vista Irrigation District appreciates your understanding as we all work through the unprecedented challenges posed by COVID-19. In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Board meeting telephonically, please contact the Board Secretary during regular business hours at (760) 597-3128. Notification received 48 hours before the meeting will assist Vista Irrigation District in making reasonable accommodations.



AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
WEDNESDAY, MAY 13, 2020 - 9:00 AM
1391 Engineer Street, Vista, CA 92081
Phone: (760) 597-3100

1. CALL TO ORDER

2. ROLL CALL – DETERMINATION OF QUORUM

3. PLEDGE OF ALLEGIANCE

4. CONSIDER APPROVAL OF AGENDA

In the case of an emergency, items may be added to the Agenda by a majority vote of the Board of Directors. An emergency is defined as a work stoppage, a crippling disaster, or other activity that severely imperils public health, safety, or both. Also, items that arise after the posting of the Agenda may be added by a 2/3 vote of the Board. Items on the agenda may be taken out of sequential order as their priority is determined by the Board of Directors. The Board may take action on any item appearing on the agenda.

5. ORAL COMMUNICATIONS

Members of the public may address the Board on items not appearing on the posted agenda, which are within the subject matter jurisdiction of the Board. Speakers are asked to limit their comments to five (5) minutes; the total time allowable for all public comment on items not appearing on the agenda at any one meeting may be limited. Comments on items listed on the agenda will be taken before or during discussion of the agenda item. Members of the public desiring to address the Board are asked to complete a speaker's slip available on the table near the entrance of the Boardroom and present it to the Board Secretary prior to the meeting.

6. CONSENT CALENDAR

Any member of the Board, staff or public may request that items from the Consent Calendar be removed for discussion. Items so removed shall be acted upon separately immediately following approval of items remaining on the Consent Calendar.

A. Acceptance of water system

1. *Recommendation: Accept this water system for a 31-lot single-family development also known as Presidio Vista, consisting of approximately 11.67 gross acres owned by Lennar Homes of California Inc., a California Corporation, located at 1405 Ridge Road, Vista (I-3071; PC 06-060; LN 2016-025; APNs 169-151-01 through -35; DIV NO 4).*
2. *Recommendation: Accept this water system for a 47-unit condominium project, known as Melrose Vista 47, consisting of approximately 3.14 gross acres owned by Lennar Homes of California, Inc., a California Corporation, located at 1630 South Melrose Dr., Vista (I-3074; LN 2015-026; PC 16-035; APN 183-220-30; DIV NO 4).*

B. Quitclaim deed

Recommendation: Approve Quitclaim Deeds (677, 678, 679) quitclaiming a portion of Flume Easements (D8, R28, M22) over a 179-lot residential subdivision known as Canyon Grove Estates consisting of approximately 149.29 gross acres owned by Shea Homes Limited Partnership, located north of Vista Verde Drive, Escondido (LN-2015-003, D-2302, APN 224-100-57, 58, 82 & 83).

C. Minutes of the Public Affairs Committee meeting on April 16, 2020

For information only.

D. Minutes of the Board of Directors meeting on April 15, 2020

Recommendation: Approval of draft minutes.

E. Ratification of check disbursements

Recommendation: Adopt a resolution ratifying checks numbered 64210 through 64382 in the amount of \$1,540,523.63 pursuant to the cash disbursement report detailing expenditures.

7. DIVISION REPORTS

Informational reports by the Water Resources, Administration, Operations and Field Services, and Engineering Divisions concerning District operations and activities.

8. ANNUAL WATER RATE ADJUSTMENT

Recommendation: Discuss and provide staff direction regarding the implementation of the scheduled Annual Water Rate Adjustment.

9. BORDEN BENCH SLOPE FAILURE RESTORATION PROJECT

Recommendation: Authorize the General Manager to execute an agreement with Maely Construction, Inc. for the Borden Bench Slope Failure Restoration Project in an amount not to exceed \$101,813.18 and determine that the project is exempt from provisions of the California Environmental Quality Act and direct staff to file a Notice of Exemption with the County Clerk.

10. WARNER RANCH DITCH REPAIR PROJECT

Recommendation: Approve the Warner Ranch Ditch Repair Project (Project); determine that the Project is exempt from the provisions of the California Environmental Quality Act (CEQA) and direct Staff to file the Notice of Exemption (NOE) with the County Clerk; and authorize staff to negotiate a construction contract with Cass Arrieta and a professional services agreement with Helix Environmental Planning, Inc. for environmental monitoring during construction.

11. MAY 2020 BOARD MEETING DATE

Recommendation: Consider adding a second Board of Directors meeting date in May 2020.

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

Informational report by staff and directors concerning the San Diego County Water Authority.

13. MEETINGS AND EVENTS

- A. Reports on meetings and events attended by Directors*
- B. Schedule of upcoming meetings and events*

14. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

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.

15. COMMENTS BY DIRECTORS

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

16. COMMENTS BY GENERAL COUNSEL

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

17. COMMENTS BY GENERAL MANAGER

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

18. ADJOURNMENT

- *The agenda package and materials related to an agenda item submitted after the packet's distribution to the Board, are available for public review outside the lobby of the District office during normal business hours.*
- *Agendas and minutes are available at www.vidwater.org.*
- *VID Board meetings are generally held on the first and third Wednesday of each month.*

AFFIDAVIT OF POSTING

I, Ranae Ogilvie, Assistant Board Secretary of the Vista Irrigation District, hereby certify that I posted a copy of the foregoing agenda in the lobby of the District office at 1391 Engineer Street, Vista, California at least 72 hours prior to the meeting, in accordance with Govt. Code Sec. 54954.2(a).

Date: May 7, 2020



Ranae Ogilvie, Assistant Board Secretary



STAFF REPORT

Agenda Item: 6

Board Meeting Date: May 13, 2020
Prepared By: Lisa Soto

SUBJECT: CONSENT CALENDAR

- A. Acceptance of water systems (2)
- B. Quitclaim deed
- C. Minutes of the Public Affairs Committee meeting on April 16, 2020
- D. Minutes of the Board of Directors meeting on April 15, 2020
- E. Ratification of check disbursements



STAFF REPORT

Agenda Item: 6.A.1

Board Meeting Date:	May 13, 2020
Prepared By:	Matt Atteberry
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: ACCEPTANCE OF WATER SYSTEM

RECOMMENDATION: Accept this water system for a 31-lot single-family development also known as Presidio Vista, consisting of approximately 11.67 gross acres owned by Lennar Homes of California Inc., a California Corporation, located at 1405 Ridge Road, Vista (I-3071; PC 06-060; LN 2016-025; APNs 169-151-01 through -35; DIV NO 4).

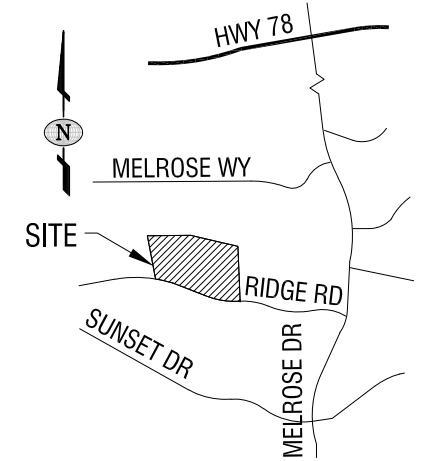
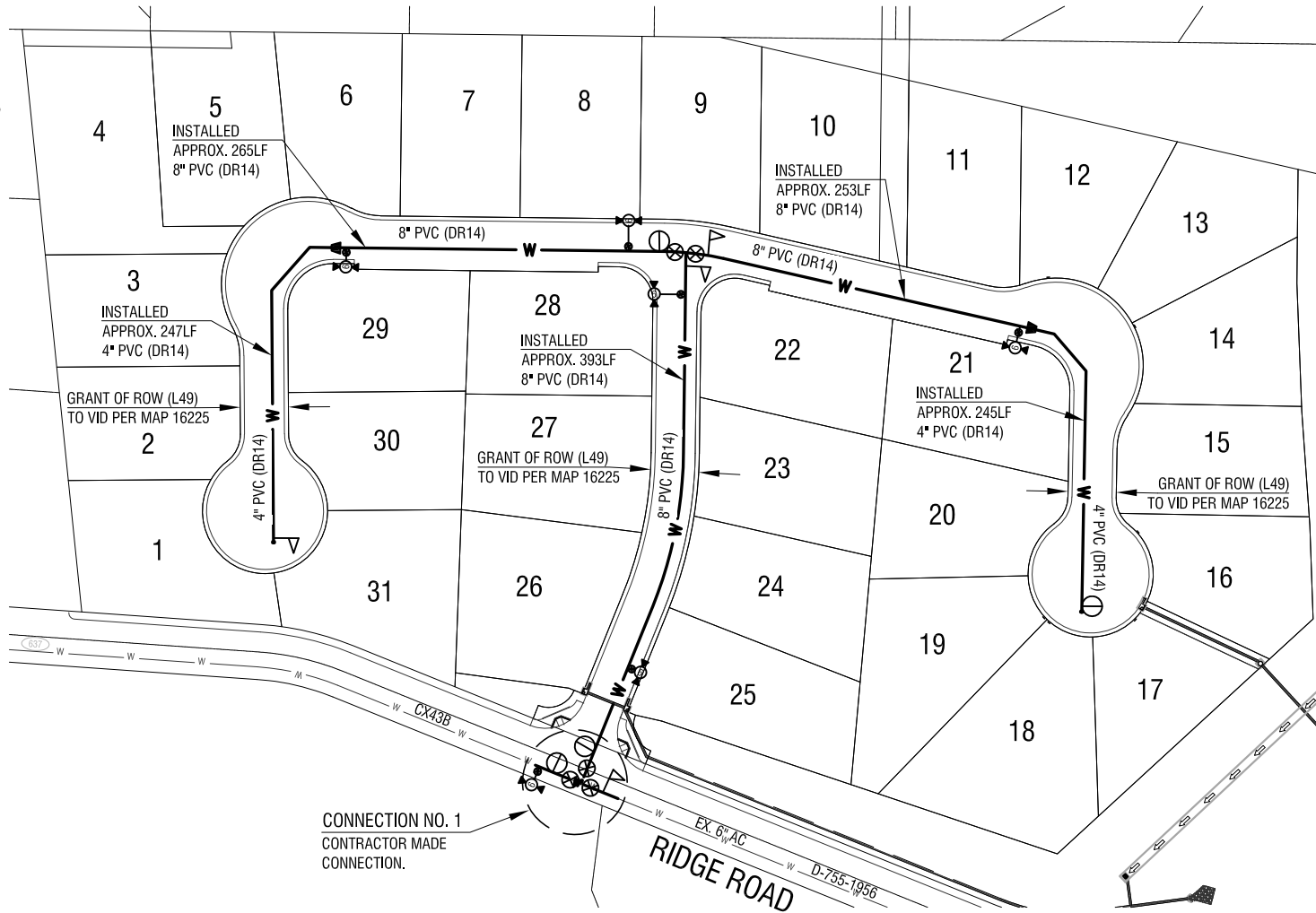
PRIOR BOARD ACTION: On April 19, 2017, the Board approved the waterline project, accepted Grant of Right of Way (L49) via Parcel Map and directed staff to file the Notice of Exemption.

FISCAL IMPACT: None.

SUMMARY: The water system is ready for acceptance by the Board, which will allow the Notice of Acceptance to be filed with the County Recorder.

DETAILED REPORT: All the work required by the construction contract (I-3071) has been completed. Under District inspection, the developer's contractor installed approximately 492 feet of 4-inch waterline, 911 feet of 8-inch waterline, four 1-inch air-vents, four 2-inch blow-offs, three 8-inch gate valves, two 6-inch gate valves, 31 1-inch domestic water services, one 2-inch irrigation water service and six standard 6-inch fire hydrants. The owners have paid for 31 1-inch domestic meters and installed all necessary backflow devices. This project will be completed with the filing of the Notice of Acceptance.

ATTACHMENT: Map



VICINITY MAP

NTS

DEVELOPER:
 LENNAR HOMES OF CALIFORNIA
 15131 ALTON PARKWAY SUITE 365
 IRVINE, CA 92618
 JOHN BAAYOUN 949-349-8235

ENGINEER:
 PASCO LARET SUITER & ASSOCIATES
 535 N. HIGHWAY 101, SUITE A
 SOLANA BEACH, CA 92075
 RYAN WAUFLE 858-259-8212

LEGEND

EXISTING

- W — 6" AC WATER MAIN
- ⊗ BLOW OFF
- ▽ AIR VENT
- ⊗ VALVE
- ④ 4" FIRE HYDRANT

PROPOSED

- W — PVC (DR14) WATER
- ⊗ BLOW OFF
- ▽ AIR VENT
- ⊗ VALVE
- ▾ REDUCER
- ⊗⑥ 6" FIRE HYDRANT

CONNECTION NO. 1
 CONTRACTOR MADE
 CONNECTION.

VISTA IRRIGATION DISTRICT

PRESIDIO VISTA

1405 RIDGE ROAD

APN 169-151-01 through -35		T.B. --	
SCALE: NO SCALE		L.N. 2016-025	
APPD. BY MA	DATE 4/29/2020	W.O. I-3071	
DRAWN BY JB	DATE 4/14/2020		
SHEET 1 of 1	MAP D17		
REVISED 5/4/20 Matt Attebergy			
Z:\Engineering\JOBS\I-Jobs\I3071_Presidio Vista_Ridge Rd\I3071.dwg			



STAFF REPORT

Agenda Item: 6.A.2

Board Meeting Date:	May 13, 2020
Prepared By:	Matt Atteberry
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: ACCEPTANCE OF WATER SYSTEM

RECOMMENDATION: Accept this water system for a 47-unit condominium project, known as Melrose Vista 47, consisting of approximately 3.14 gross acres owned by Lennar Homes of California, Inc., a California Corporation, located at 1630 South Melrose Dr., Vista (I-3074; LN 2015-026; PC 16-035; APN 183-220-30; DIV NO 4).

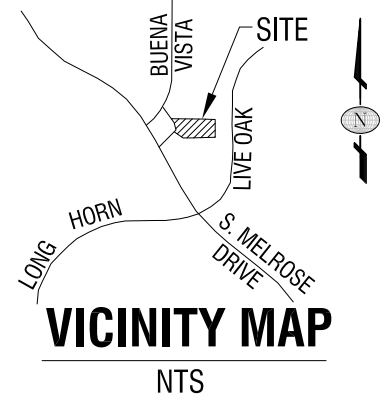
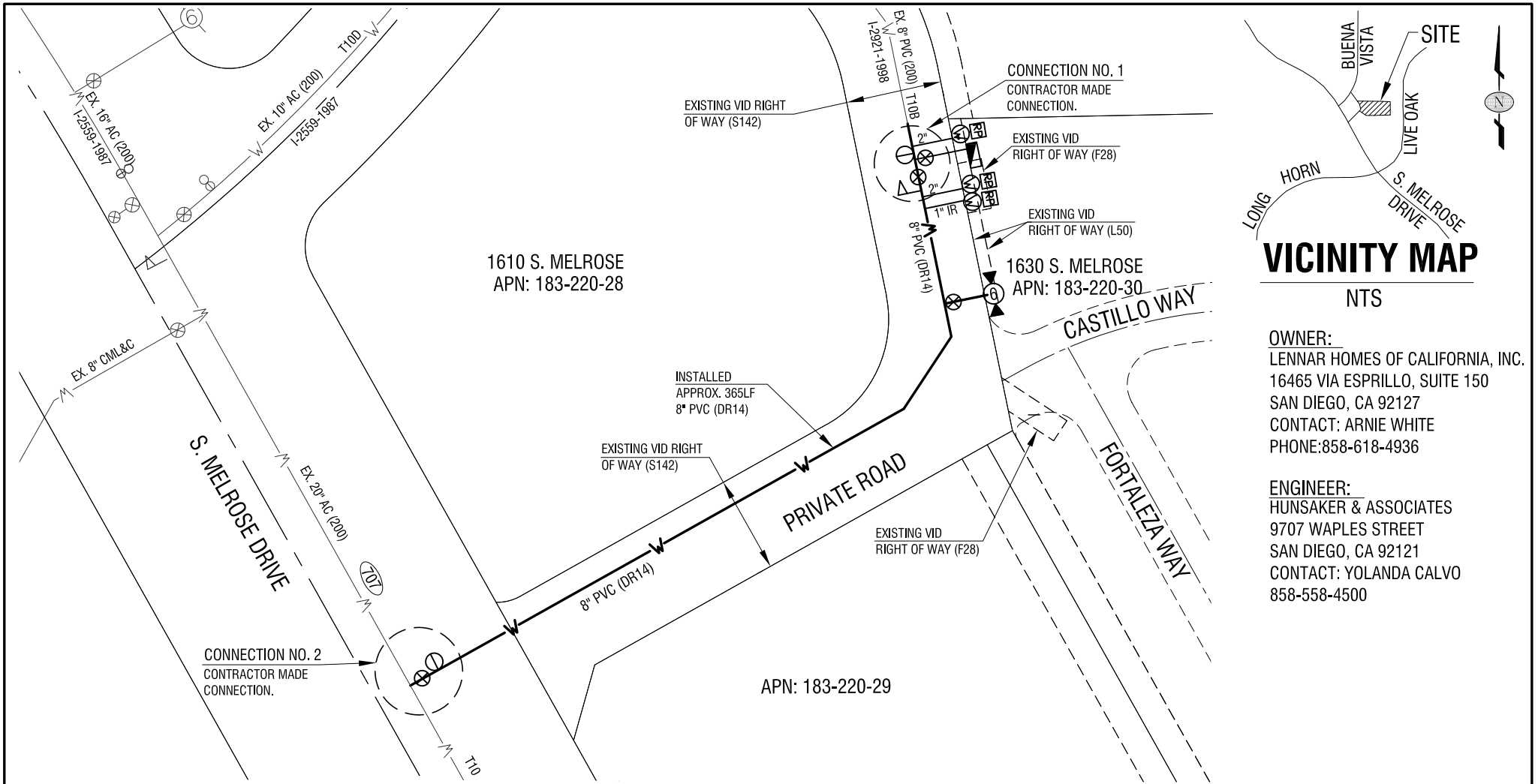
PRIOR BOARD ACTION: On September 6, 2017, the Board approved the waterline project and directed staff to file the Notice of Exemption. On August 16, 2017, the Board accepted Grant of Right of Way (L50) via City of Vista Map P16-0032 and on October 6, 1999, accepted Grant of Right of Way (F28) over APN 183-220-30 and Grant of Right of Way (S142) over APN 183-220-28.

FISCAL IMPACT: None.

SUMMARY: The water system is ready for acceptance by the Board, which will allow the Notice of Acceptance to be filed with the County Recorder.

DETAILED REPORT: All the work required by the construction contract (I-3074) has been completed. Under District inspection, the developer's contractor installed approximately 365 feet of 8-inch waterline, two 8-inch gate valves, two 2-inch blow-offs, one 1-inch air-vent, two 2-inch domestic services, one 1-inch irrigation water service, one 8-inch fire service, and one standard 6-inch fire hydrant. The owners have paid for two 2-inch domestic meters, one 1-inch irrigation meter and installed all necessary backflow devices. This project will be completed with the filing of the Notice of Acceptance.

ATTACHMENT: Map



VICINITY MAP
NTS

OWNER:
LENNAR HOMES OF CALIFORNIA, INC.
16465 VIA ESPRILLO, SUITE 150
SAN DIEGO, CA 92127
CONTACT: ARNIE WHITE
PHONE: 858-618-4936

ENGINEER:
HUNSAKER & ASSOCIATES
9707 WAPLES STREET
SAN DIEGO, CA 92121
CONTACT: YOLANDA CALVO
858-558-4500

1610 S. MELROSE
APN: 183-220-28

1630 S. MELROSE
APN: 183-220-30

APN: 183-220-29

LEGEND

EXISTING

- 6" AC WATER MAIN
- BLOW OFF
- AIR VENT
- VALVE
- WATER METER
- 4" FIRE HYDRANT

PROPOSED

- PVC (DR14) WATER MAIN
- BLOW OFF
- AIR VENT
- VALVE
- REDUCER
- 6" FIRE HYDRANT
- WATER METER
- RPDA
- BACKFLOW

VISTA IRRIGATION DISTRICT			
MELROSE VISTA 47			
1630 SOUTH MELROSE DRIVE			
APN 183-220-30		T.B. --	
SCALE: NO SCALE		L.N. 2015-026	
APPD. BY MA	DATE 4/30/2020	W.O. I-3074	
DRAWN BY JS	DATE 4/14/2020		
SHEET 1 of 1	MAP E19; E20		
REVISED 5/5/20 Matt Atteberry			
Z:\Engineering\JOBS\Jobs\I3074_Melrose Vista 47\Notice of Acceptance\Exhibit A.dwg			



STAFF REPORT

Agenda Item: 6.B

Board Meeting Date:	May 13, 2020
Prepared By:	Matt Atteberry
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: QUITCLAIM DEED

RECOMMENDATION: Approve Quitclaim Deeds (677, 678, 679) quitclaiming a portion of Flume Easements (D8, R28, M22) over a 179-lot residential subdivision known as Canyon Grove Estates consisting of approximately 149.29 gross acres owned by Shea Homes Limited Partnership, located north of Vista Verde Drive, Escondido (LN-2015-003, D-2302, APN 224-100-57, 58, 82 & 83).

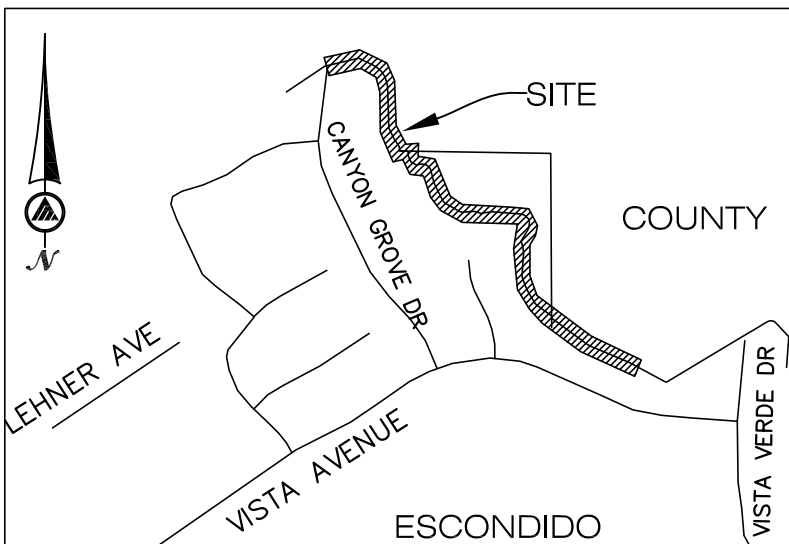
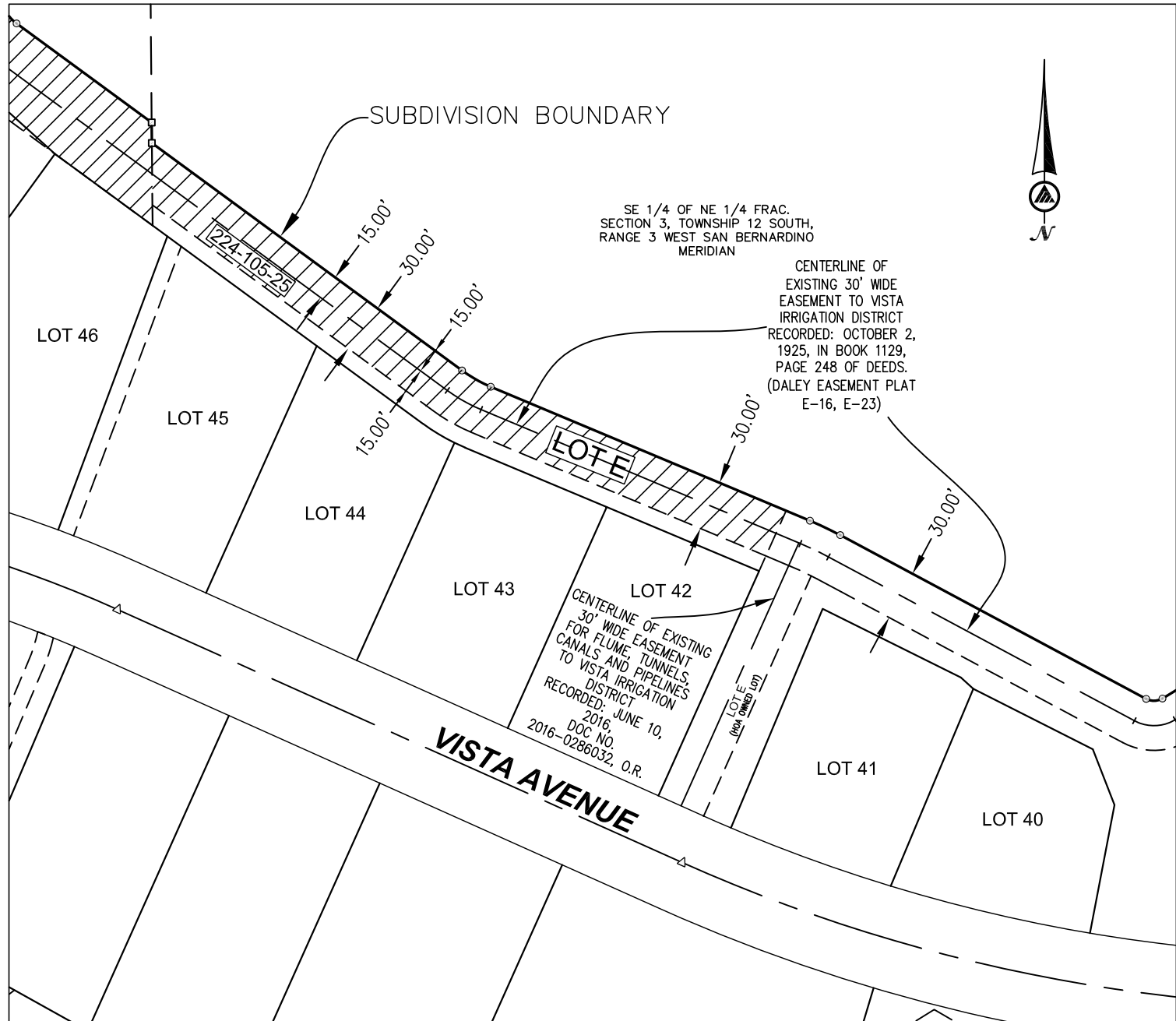
PRIOR BOARD ACTION: On June 22, 2016, the Board approved the Vista Flume Relocation Project and the Flume Relocation Reimbursement Agreement with Shea Homes Limited Partnership. On September 21, 2016, the Board authorized the General Manager to enter into a construction contract with Cass Construction, Inc. in the amount of \$1,763,611, and on February 21, 2018, accepted the Vista Flume Relocation Project and directed staff to file a Notice of Acceptance with the County Recorder's Office.

FISCAL IMPACT: None.

SUMMARY: Shea Homes Limited Partnership (Shea) has constructed a 179-lot residential subdivision, Canyon Grove Estates, adjacent to a portion of the Vista Flume in Escondido. As part of the project, the existing flume sections known as Baumgartner Siphon, Baumgartner Bench, and Little Tunnel were relocated and replaced with approximately 4,000 feet of 36-inch and 42-inch high-density polyethylene (HDPE) pipe located within Specific Easement No. FS38 and public right-of-way; therefore, the portions of Flume Easement Nos. D8, R28, M22 located within the subdivision are no longer needed. Shea has demolished and removed all above ground portions of the flume that were replaced and converted the area to a public trail.

Quitclaiming these portions of the flume easement are required in the reimbursement agreement with Shea; approval of Quitclaim Deeds (677, 678, 679) will fulfill the District's obligations to Shea under the reimbursement agreement.

ATTACHMENTS: Maps



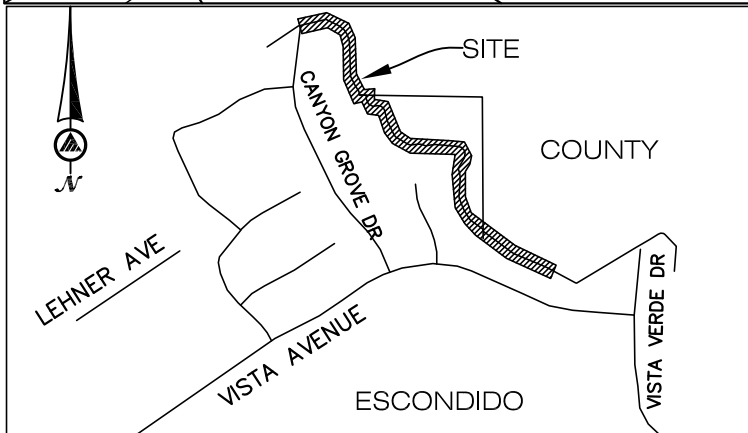
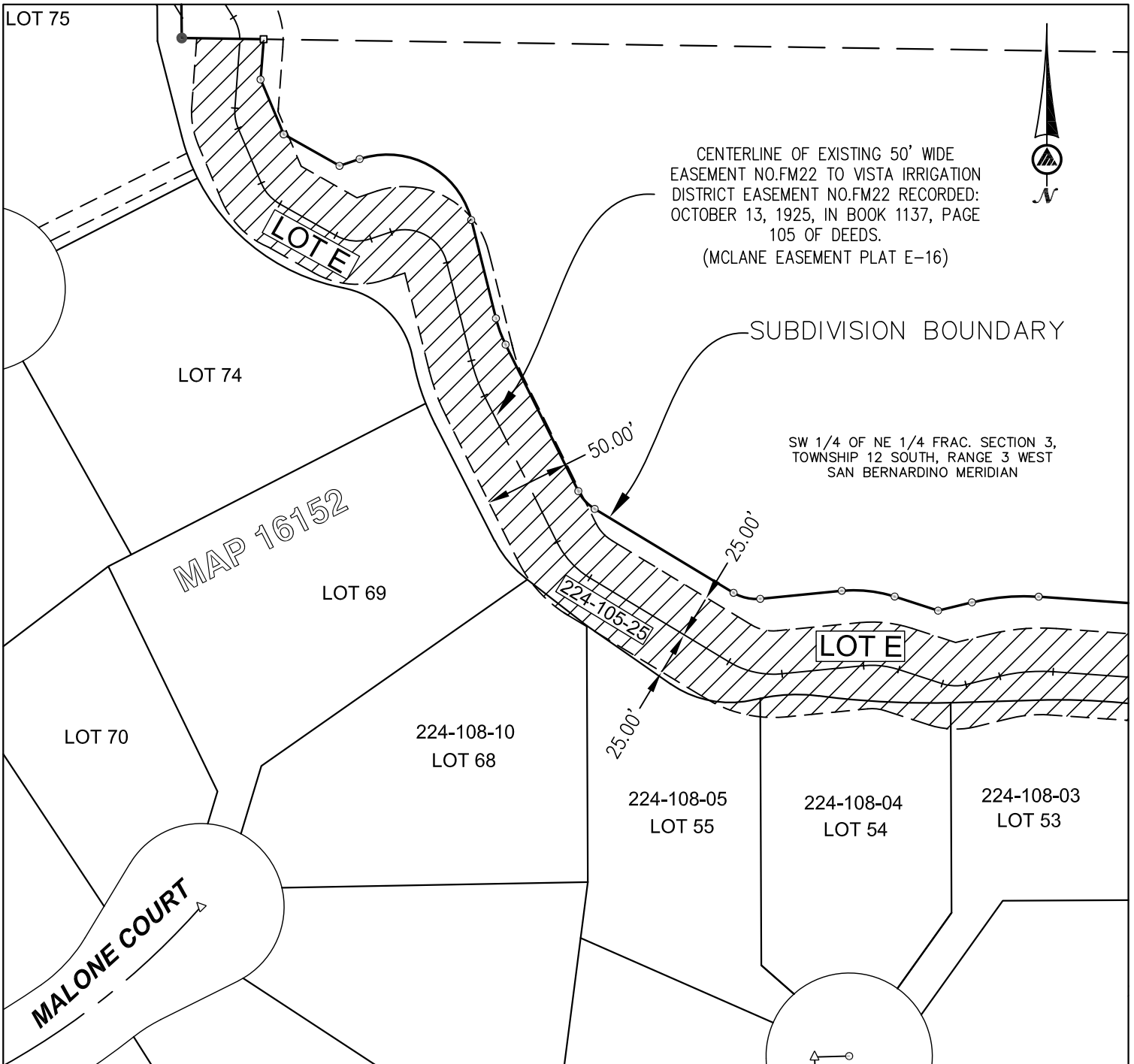
VICINITY MAP
NO SCALE

 PORTION OF FLUME EASEMENT FD8 TO BE QUITCLAIMED

VISTA IRRIGATION DISTRICT
QUITCLAIM NO.677 OF A PORTION
OF FLUME EASEMENT NO.FD8

APN	224-105-25	T.B.	
SCALE	NO SCALE	L.N.	2015-003
APPD. BY	MA	DATE	5/5/20
DRAWN BY	JV	DATE	11/4/19
SHEET	1 OF 1	MAP	W20
REVISED: 5/5/20		Matt Atteberry	
PATH:			

D-2302



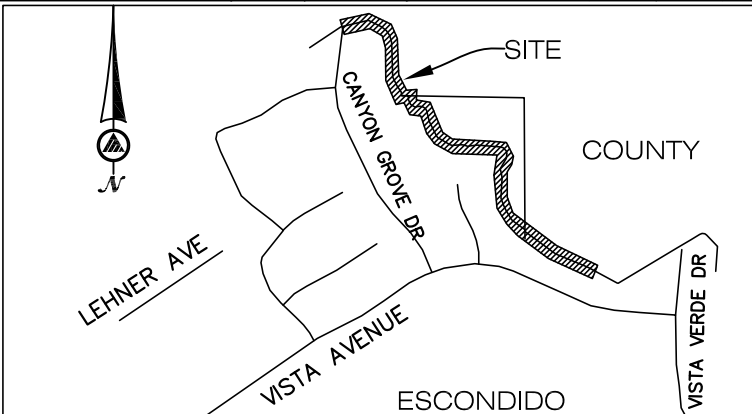
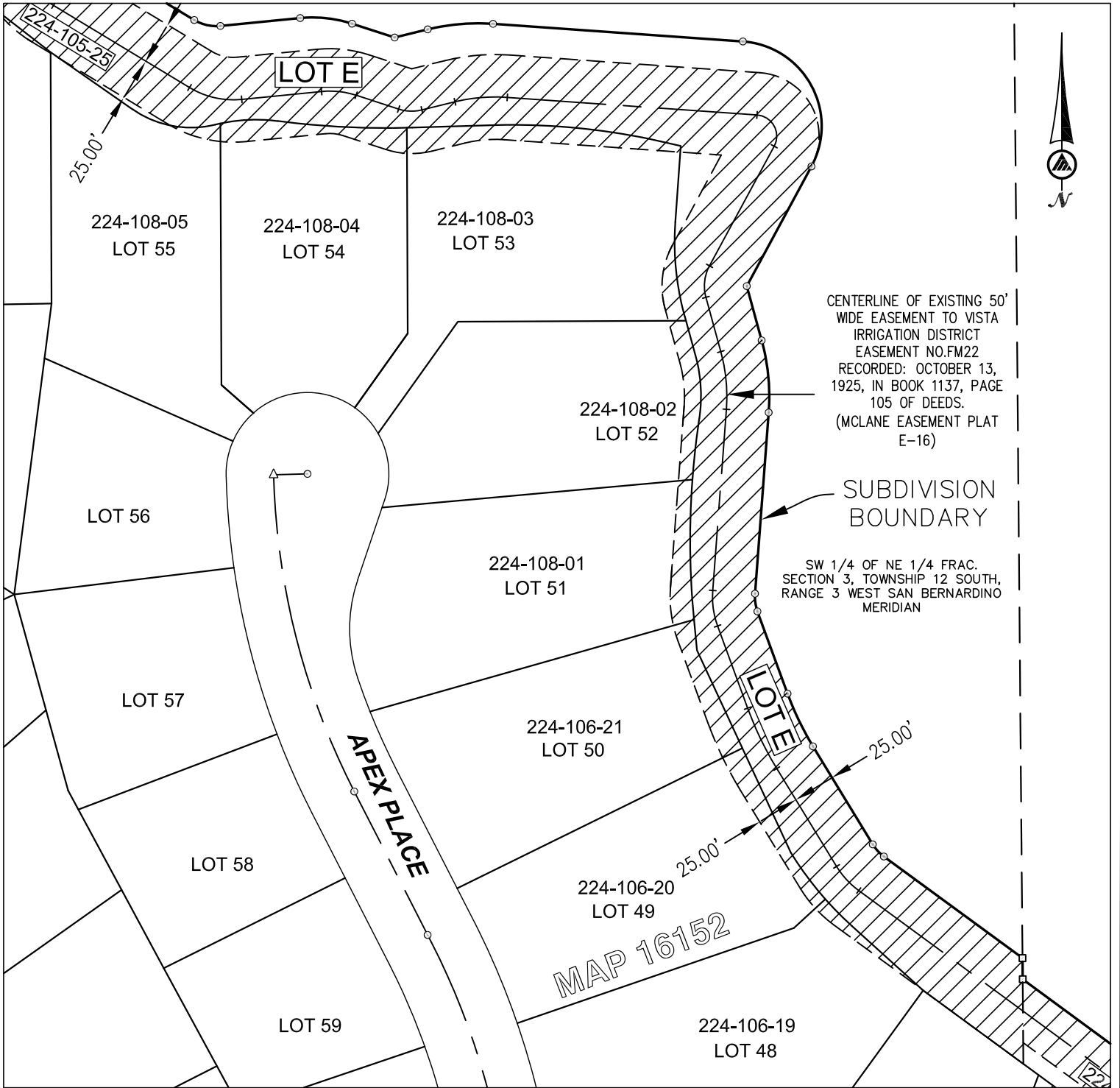
VICINITY MAP
NO SCALE

 PORTION OF FLUME EASEMENT FM22 TO BE QUITCLAIMED

VISTA IRRIGATION DISTRICT

QUITCLAIM NO.678 OF A PORTION OF FLUME EASEMENT NO.FM22

APN 224-105-25, 224-108-03 thru 224-08-05, 224-108-10			
SCALE NO SCALE		L.N. 2015-003	
APPD. BY MA	DATE 5/5/20	W.O. D-2302	
DRAWN BY JV	DATE 11/4/19		
SHEET 1 OF 2	MAP W20		
REVISED: 5/5/20 Matt Atteberry			
PATH:			

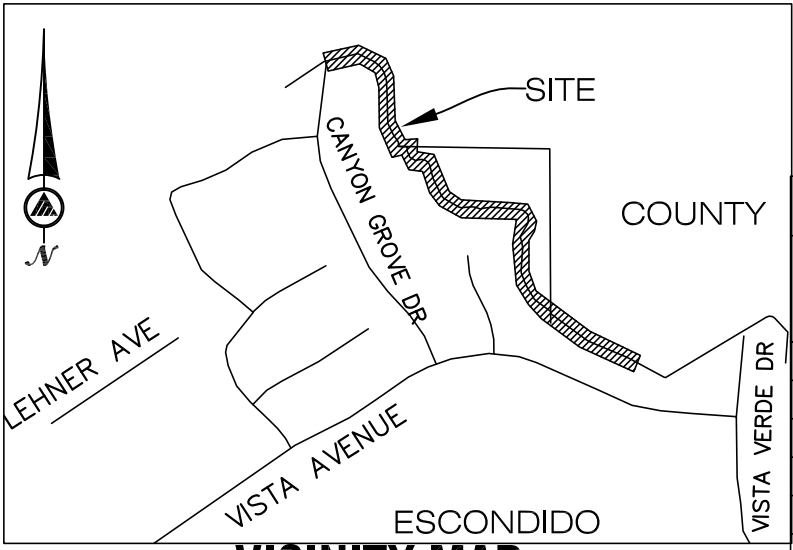
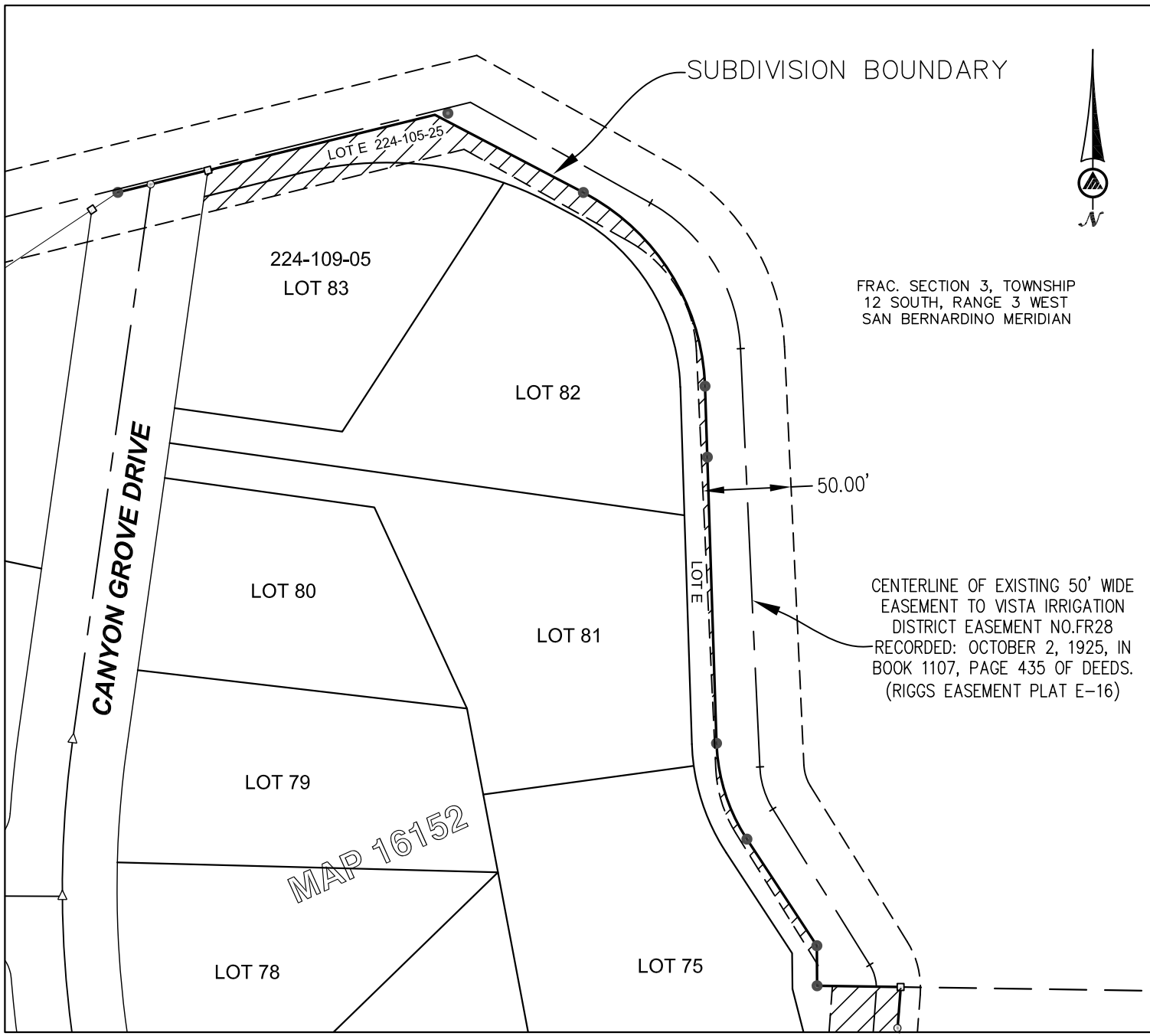


VICINITY MAP
NO SCALE

 PORTION OF FLUME EASEMENT FM22 TO BE QUITCLAIMED

VISTA IRRIGATION DISTRICT
QUITCLAIM NO.678 OF A PORTION
OF FLUME EASEMENT NO.FM22

APN 224-105-25, 224-106-19 thru 21, 224-108-01 thru 05			
SCALE NO SCALE		L.N. 2015-003	
APPD. BY MA	DATE 5/5/20	D-2302	
DRAWN BY JV	DATE 11/4/19		
SHEET 2 OF 2	MAP W21		
REVISED: 5/5/20 Matt Atteberry			
PATH:			



 PORTION OF FLUME EASEMENT FR28 TO BE QUITCLAIMED

VISTA IRRIGATION DISTRICT
QUITCLAIM NO.679 OF A PORTION
OF FLUME EASEMENT NO. FR28

APN	224-109-05 & 224-105-25	T.B.
SCALE	NO SCALE	L.N. 2015-003
APPD. BY	MA	DATE 5/5/20
DRAWN BY	JV	DATE 11/4/19
SHEET 1 OF 1	MAP W20	W.O.
REVISED: 5/5/20 Matt Atteberry		D-2302
PATH:		

VICINITY MAP
NO SCALE

DRAFT MINUTES

Not part of the District's permanent record until approved by the Board of Directors.

MINUTES OF THE MEETING OF THE
PUBLIC AFFAIRS COMMITTEE OF THE
VISTA IRRIGATION DISTRICT

April 16, 2020

A meeting of the Public Affairs Committee of Vista Irrigation District was held on Thursday, April 16, 2020, at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

Chair Miller called the meeting to order at 9:30 a.m.

2. ROLL CALL

Committee members present: Miller and MacKenzie.

Staff present: Marlene Kelleher, Director of Administration; Alisa Nichols, Management Analyst was present by teleconference.

3. APPROVAL OF AGENDA

The agenda was approved as presented.

4. ORAL COMMUNICATIONS

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

5. SCHOLARSHIP CONTEST

See staff report attached hereto.

After discussion and careful consideration of the 15 eligible scholarship applications submitted to the District, the Committee recommended that six applicants receive \$1,000 scholarships as winners in the Vista Irrigation District scholarship contest. The scholarship recipients are Briseida Garcia from Mission Vista High School; Leianna Hill from Warner Springs High School; Kira Koch from Mission Vista High School; Madelyne Millard from Rancho Buena Vista High School; Hayden Nightingale from Vista High School; and Shaelynn Solio from Mission Vista High School.

6. 2019 ANNUAL REPORT

See staff report attached hereto.

The Committee reviewed and discussed information contained in the draft 2019 Annual Report. The Committee approved the draft report and directed Ms. Kelleher to prepare a Committee report on this topic for presentation to the Board at the May 13, 2020 meeting.

DRAFT MINUTES

Not part of the District's permanent record until approved by the Board of Directors.

7. COMMENTS BY COMMITTEE MEMBERS

None were presented.

8. ADJOURNMENT

There being no further business to come before the Committee, at 10:36 a.m. Chair Miller adjourned the meeting.

Marty Miller, Chair

ATTEST:

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

DRAFT MINUTES

Not part of the District's permanent record until approved by the Board of Directors.

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

April 15, 2020

An Adjourned Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, April 15, 2020, at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

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

2. ROLL CALL

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

Directors absent: None.

Staff present: Brett Hodgkiss, General Manager; Lisa Soto, Secretary of the Board; Don Smith, Director of Water Resources; Randy Whitmann, Director of Engineering; Frank Wolinski, Director of Operations and Field Services; Marlene Kelleher, Director of Administration. Ramee Ogilvie, Administrative Assistant was present by teleconference. Also present was General Counsel David Cosgrove.

Other attendees: None.

3. PLEDGE OF ALLEGIANCE

Director MacKenzie led the pledge of allegiance.

4. APPROVAL OF AGENDA

20-04-35 *Upon motion by Director MacKenzie, seconded by Director Miller and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors approved the agenda as presented.*

5. ORAL COMMUNICATIONS

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

6. CONSENT CALENDAR

20-04-36 *Upon motion by Director Miller, seconded by Director MacKenzie and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors approved the Consent Calendar, including Resolution Nos. 20-11 and 20-12 ordering final annexation of the Catalina Avenue Reorganization and approving disbursements, respectively.*

A. Final annexation

See staff report attached hereto.

DRAFT MINUTES

Not part of the District's permanent record until approved by the Board of Directors.

The Board adopted Resolution No. 20-11 ordering the final annexation of the Catalina Avenue Reorganization to change Vista Irrigation District boundaries over a single-family parcel consisting of approximately 1.29 gross acres owned by Robert and Theresa Gualtieri, located at Catalina Avenue and Catalina Heights Way, Vista (CF 500-371; LN 2019-009; APN 178-040-45; LAFCO RO19-13 SA19-13; DIV NO 3), by the following roll call vote:

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

Resolution No. 20-11 is on file in the official Resolution book of the District.

B. Minutes of Board of Directors meeting on April 1, 2020

The minutes of April 1, 2020 were approved as presented.

C. Resolution ratifying check disbursements

RESOLUTION NO. 20-12

BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 64132 through 64209 drawn on Union Bank totaling \$287,399.14.

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 15th day of April 2020.

7. EMERGENCY PREPAREDNESS POLICY REVISIONS

See staff report attached hereto.

General Counsel David Cosgrove stated that based on direction given by the Board at its March 18, 2020 meeting General Counsel and staff drafted proposed revisions to the Emergency Preparedness Policy; more specifically, the proposed revisions would provide the General Manager (or designee) authority to declare an emergency should a calamitous event occur. Mr. Cosgrove noted that the provisions proposed to be added to District Rules and Regulations Section 6.9, Emergency Preparedness Policy, related to granting the General Manager or designee authority to declare an emergency were adopted by the Board of Directors in 1996 (Resolution 96-40); however, they were never codified. Therefore, the recommendation would be to incorporate the existing, but uncodified, General Manager's authority to declare an emergency already provided for in the recitals of Resolution No. 96-40.

Mr. Hodgkiss clarified that the operative provisions of Resolution 96-40 state that, in an emergency impacting the critical functions of the District, the General Manager or designee (after consultation with the Board President) is authorized by the Board of Directors to declare an emergency. Resolution 96-40 further states that the Board of Directors shall ratify the emergency declaration within 14 days of its declaration. Mr. Hodgkiss stated that at the present time, the District has not declared an emergency related to the coronavirus (COVID-19) pandemic.

DRAFT MINUTES

Not part of the District's permanent record until approved by the Board of Directors.

20-04-37 *Upon motion by Director Miller, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Dorey, Sanchez, MacKenzie, and Vásquez), the Board of Directors approved revisions to Vista Irrigation District Rules and Regulations Section 6.9, Emergency Preparedness Policy, to incorporate provisions related to the authority of the General Manager or designee to declare an emergency.*

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

See staff report attached hereto.

Director Miller reported that the San Diego County Water Authority (Water Authority) filed an application with the Local Agencies Formation Commission (LAFCO) related to the detachment of Fallbrook Public Utilities District (Fallbrook) and Rainbow Municipal Water District (Rainbow) from the Water Authority, and further requested that the detachment process be paused during the coronavirus (COVID-19) pandemic. LAFCO forwarded the Water Authority's request to pause to Fallbrook and Rainbow; responses are pending.

Mr. Hodgkiss reported on a presentation by the Water Authority regarding the draft financial analysis for the Regional Conveyance Project. Mr. Hodgkiss stated that the analysis compared the Regional Conveyance Project with other alternatives, such as purchasing imported water from the Metropolitan Water District; the analysis showed the Regional Conveyance Project as the least expensive alternative. Mr. Hodgkiss stated that the analysis that did not include a comparison of the Water Authority's current arrangement with MWD to transport water from Imperial Irrigation District to the San Diego region. It was requested that the aforementioned cost comparison be included in the final report.

Mr. Hodgkiss reported on the Member Agency Manager's meeting the previous day, which included a review of a letter that was sent by the Water Authority to MWD requesting that that the agency consider delaying or reducing its upcoming rate increase due to the financial impacts of the coronavirus (COVID-19) pandemic. Mr. Hodgkiss said the request is being considered the MWD Finance and Insurance Committee, as it looks for ways to reduce MWD's budget to allow for such a decrease or delay.

9. MEETINGS AND EVENTS

See staff report attached hereto.

Director MacKenzie reported on her remote participation in the CSDA Legislative Committee meeting in which numerous pieces of legislation were discussed including a bill proposing the retention of emails by public agencies for a minimum of two years. She reported that this bill will not be moving forward. Director MacKenzie reported that she also participated in a meeting of the San Diego Chapter California Special Districts Association (Chapter); she advised the Board that the Chapter's upcoming quarterly meeting was cancelled due to the coronavirus (COVID-19) pandemic.

Director MacKenzie reported on her participation in an Association of California Water Agencies (ACWA) Membership Committee meeting in which it was noted that there are nine new members equating to \$22,000 in revenue for ACWA. ACWA Membership Committee goals and objectives were also discussed.

DRAFT MINUTES

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10. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

See staff report attached hereto.

Mr. Hodgkiss reminded the Board that its biennial Ethics Training is scheduled for May 12, 2020 at 9:00 a.m.

Director Sanchez asked if staff is prepared to schedule a meeting of the Fiscal Policy Committee to review the draft budget. Mr. Hodgkiss responded that due to the coronavirus (COVID-19) pandemic the budget process will likely be delayed in order to afford staff time to analyze the financial impacts related to the coronavirus (COVID-19) pandemic, and account for the impacts in the draft budget. Mr. Hodgkiss said staff will schedule a meeting of the Fiscal Policy Committee to review the draft budget prior to its presentation to the full board, which will likely be in June this year rather than May.

Director MacKenzie suggested an agenda item to discuss the District's annual water rate adjustment upcoming in July. She commented that a rate increase in a time when so many people are out of work due to the coronavirus (COVID-19) pandemic seems like something the Board should discuss. Mr. Hodgkiss asked if the Board would like this matter to be considered by the Fiscal Policy Committee during budget discussions first; Director MacKenzie responded that it might be better for the Board to discuss the matter first, so the Fiscal Policy Committee can consider the draft budget in light of the Board's decision on the annual water rate adjustment. The Board concurred, and Mr. Hodgkiss said that the annual water rate adjustment would be placed on the May 13, 2020 Board meeting agenda.

Director MacKenzie asked if the District needs to adopt a social distancing policy, and Mr. Hodgkiss responded that labor counsel, Liebert Cassidy Whitmore, had advised the District that a policy is not necessary because the facility is not open to the public. He added that he has asked Human Resources staff to develop and post signage around the District reminding employees about the importance of social distancing and hand washing practices. Mr. Hodgkiss stated that the District has also purchased cotton face coverings (masks) and made them available to employees.

Director MacKenzie requested an agenda item to review the District's Rules and Regulations related to required education for Board members. She commented that, with it being an election year and with the possibility of new Directors coming onboard, she thought it might be a good idea to set policy now for new Board member education requirements, particularly in the area of governance. She asked, while reviewing the Rules and Regulations, that the Board also revisit the policy regarding the one-hour minimum qualifying criteria for Board compensation for teleconferences and webinars.

11. COMMENTS BY DIRECTORS

Director Dorey stated that he was scheduled for a medical procedure the following Tuesday, but he fully expects to be recovered and ready for the May 13, 2020 Board meeting.

Director Sanchez thanked the General Manager for the email informing the Board about the access road failure near Borden Bench. He commented that one day he would like to walk a portion of the Vista Flume so he can see certain benches firsthand to gain a better understanding of the District's system.

President Vásquez reported that he read in the local newspaper that the City of San Diego had started releasing water from Lake Hodges due to the recent rain and the high water level of the lake. He

DRAFT MINUTES

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also reported on a news article regarding different outreach methods that local water agencies have used to convey information to customers about the safety of the tap water and other pertinent information during the coronavirus (COVID-19) pandemic.

President Vásquez shared the sad news that Vista Irrigation District retiree Pete Wheelock recently passed away.

12. COMMENTS BY GENERAL COUNSEL

Mr. Cosgrove informed the Board about a case, Petrovich versus the City of Sacramento, in which a City of Sacramento Council member took affirmative steps to assist opponents of a proposed gas station's conditional use permit and organized opposition at an appeal hearing. The Court ruled that the Council member acted as an advocate, not a neutral and impartial decision maker, and he should have recused himself from voting on the appeal. The Council member did not; therefore, Petrovich did not receive a fair hearing. Consequently, the Court overturned the City Council's decision, and ordered the matter to be reconsidered by the City Council without the conflicted Council member's participation.

13. COMMENTS BY GENERAL MANAGER

Mr. Hodgkiss updated the Board about a Vista Flume access road failure on the Borden Bench above the Orchard Hills Development. He noted that the problem occurred within six to seven feet of the flume structure. Mr. Hodgkiss stated that Director of Engineering Randy Whitmann and Director of Operations and Field Services Frank Wolinski met with geotechnical consultant Vinje Middleton at the site to assess the damage and determine what repairs will be needed.

Mr. Wolinski stated that the slope downstream of the flume structure is an area of concern, and repairs to this area will need to be completed while access from below is available. Mr. Wolinski noted that grading is currently underway for the Orchard Hills Development, and the developer will soon be breaking ground for model homes at which time access for the needed repairs will be severely impeded. Mr. Hodgkiss advised the Board that the cost of the repairs will be significant, and the matter will be presented for consideration by the Board before the work begins. He clarified that geotechnical consultant Vinje Middleton will make recommendations as to the type of repairs that will be needed.

14. ADJOURNMENT

There being no further business to come before the Board, at 10:13 a.m., President Vásquez adjourned the meeting.

Richard L. Vásquez, President

ATTEST:

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



Cash Disbursement Report

Payment Dates 04/03/2020 - 04/29/2020

Payment Number	Payment Date	Vendor	Description	Amount
64210-64211	04/08/2020	Refund Checks 64210-64211	Customer Refunds	374.68
64212-64220	04/08/2020	Refund Checks 64212-64220	Customer Refunds	3,869.91
64221	04/08/2020	ABABA Bolt	Cutting Blades & Drill Bits	384.16
64222	04/08/2020	Amazon Capital Services	HVAC Filters (6)	36.47
	04/08/2020		Hand Sanitizer (2)	26.83
64223	04/08/2020	AT&T	SIP Trunks	429.89
64224	04/08/2020		3680/CALNET3 02/13/20-03/12/20 - Phones	383.81
	04/08/2020		0230/CALNET3 02/13/20-03/12/20 - Teleconference	3.17
64225	04/08/2020	BAVCO	Backflow Repair Kits	1,681.53
64226	04/08/2020	Call-Em-All LLC	Call-Em All Service - VID Customers /COVID-19	3,000.00
64227	04/08/2020	Canon Solutions America, Inc	Copier Maintenance 11/30/19 - 2/28/20	119.50
64228	04/08/2020	Cecilia's Safety Service Inc	Traffic Control - York Dr/Montgomery Dr	3,325.00
	04/08/2020		Traffic Control - York Dr/Montgomery Dr	2,565.00
	04/08/2020		Traffic Control - Plumosa Ave	1,150.00
64229	04/08/2020	Citi Cards	Automotive Training Group Training	229.00
	04/08/2020		Metal Detector	113.64
	04/08/2020		Metal Detector	113.64
	04/08/2020		Tables for Training/Events (3)	282.50
	04/08/2020		ACWA Conference - R Whitmann	377.40
	04/08/2020		Kitchen & Building Supplies	1,068.47
	04/08/2020		GFI Faxmaker Online Service	13.41
	04/08/2020		IPAD Warranty (3 Yrs)	129.00
	04/08/2020		Webinar for COVID-19	75.00
	04/08/2020		Refreshments for D4-D5 Training	238.13
	04/08/2020		Training Refreshments	117.83
	04/08/2020		ACWA Conference - R Vasquez	209.96
	04/08/2020		ACWA Conference - P Dorey	437.40
	04/08/2020		ACWA Conference - B Hodgkiss	407.40
	04/08/2020		Boardroom Supplies	70.94
	04/08/2020		Alpha Water Sampler Kit, Weight	582.07
64230	04/08/2020	Core & Main	Gasket 1.5" Meter Flg HP Drop In (20)	226.25
	04/08/2020		Corp Stop 2" MIP X FIP (6)	1,389.22
	04/08/2020		Angle Ball Valve 2" FNPT X MNPT (CurbStop) (6)	1,695.20
	04/08/2020		Fire Hydrant Spool 6x12 DI (2)	177.53

Payment Number	Payment Date	Vendor	Description	Amount
	04/08/2020		Fire Hydrant Wharf Head 4x2.5 (1)	578.06
64231	04/08/2020	Diamond Environmental Services	Portable & Stationary Restroom Service	357.25
64232	04/08/2020	Digital Deployment, Inc	Website Hosting, Maintenance & Support	300.00
64233	04/08/2020	Direct Energy	Electric 03/2020 - VID	(574.59)
	04/08/2020		Electric 03/2020 - Henshaw Buildings & Grounds	421.08
	04/08/2020		Electric 03/2020 - Henshaw Well Field	1,046.27
	04/08/2020		Electric 03/2020 - T & D / Cathodic Protection	18.50
	04/08/2020		Electric 03/2020 - Pump Stations	273.32
	04/08/2020		Electric 03/2020 - Treatment Plants	2.03
64234	04/08/2020	Drum Plumbing, Inc	Meter Tie-Backs - Montgomery Dr	5,650.00
64235	04/08/2020	Employee Relations, Inc	Background Check	251.70
64236	04/08/2020	Ferguson Waterworks	Asphalt Patch (36)	1,502.29
	04/08/2020		1" Brass Clamps (11)	31.55
	04/08/2020		AVK F/H 2.5" Stem Disc Kit (2)	772.88
64237	04/08/2020	Gillingham Water Planning & Engineering Inc	Water Supply Planning Study 03/2020	17,359.13
64238	04/08/2020	Grainger	Temperature Instrument Battery	159.63
	04/08/2020		Parts to Fabricate Regulator Cover Removal Tools	66.32
64239	04/08/2020	Groundwater Resources Assoc of CA	Membership Dues 2020	100.00
	04/08/2020		Membership Dues 2020	100.00
64240	04/08/2020	Hach Company	Digital PH Probe	1,319.82
64241	04/08/2020	HELIX Environmental Planning, Inc	Warner Ranch Ditch 02/20 - Biological Consulting	1,732.50
	04/08/2020		Warner Ranch Ditch 02/20 - Consulting Expenses	471.64
64242	04/08/2020	J & R Concrete Products, Inc	96" x 96" x 42" I.D. Precast Vault w/ USF AI Hatch	13,747.75
64243	04/08/2020	Major League Pest	Monthly Pest Control	225.00
64244	04/08/2020	NoteVault, Inc	NoteVault Inspection Software	600.00
64245	04/08/2020	Pacific Pipeline Supply	Reducing Flanges (3)	617.30
	04/08/2020		Pipe 6" PVC DR-14 C900 (60)	389.70
	04/08/2020		Corp Stop 1" MIP X Flare (6)	357.23
	04/08/2020		Wire 10 Copper (1000)	281.45
	04/08/2020		Tee 8x6 DI POxFL (3)	454.65
	04/08/2020		Adapter 2" Copper x MIP (14)	197.02
	04/08/2020		Nut Bolt Gasket Kit 6"-8" (6" gasket) 3/4 x 3 1/4 (12)	194.85
	04/08/2020		Tee 8" DI POxFL (1)	192.69
	04/08/2020		ElI 2" Brass Street 90 Degree (4)	142.89
	04/08/2020		ElI 8" DI PO 45 Degree (4)	450.32
	04/08/2020		Coupling 8" Deflection C900 (6)	402.69
	04/08/2020		Tee 8" DI Flange (2)	461.15
	04/08/2020		Coupling 8" Macro (3)	983.99
	04/08/2020		Angle Ball Mtr Valve 1" Flare Swl Mtr Nut Lockwing (6)	604.04

Payment Number	Payment Date	Vendor	Description	Amount
	04/08/2020		Pipe 8" PVC DR-14 C900 (680)	6,624.90
	04/08/2020		Coupling 6" Macro (2)	580.22
	04/08/2020		Fire Hydrant LB400 Check Valve (3)	4,429.59
	04/08/2020		Gate Valve 6" POxFL R/W (4)	2,520.06
	04/08/2020		Corp Stop 2" MIP X FIP (7)	1,515.50
	04/08/2020		Angle Ball Valve 2" FNPT X MNPT (CurbStop) (4)	1,251.37
	04/08/2020		Tubing 2" Copper Soft 20' (80)	1,125.80
	04/08/2020		Gate Valve 8" POxFL R/W (6)	5,761.07
	04/08/2020		Service Saddle 8x2 PVC (7)	1,007.81
	04/08/2020		Tubing 1" Copper Soft 60' (120)	649.50
	04/08/2020		Angle Ball Meter Valve 2" FLG X FIP DD Lockwing (3)	776.15
	04/08/2020		Ell 6"x16" POxFL Bury DI (3)	798.89
	04/08/2020		Reducer 8x6 DI PO (2)	171.04
	04/08/2020		Zinc Anode bag 30lb (6)	928.75
	04/08/2020		Adapter 8" DI POxFL (1)	105.00
	04/08/2020		Service Saddle 8x1 PVC (6)	811.88
64246	04/08/2020	Prestige Analytics	Risk/Resiliency Site Visits & Data Entry 1/17-3/6/20	6,275.00
64247	04/08/2020	Pacific Waterjet	Beam Reinforcement Plate Assemblies - Pechstein	14,438.50
64248	04/08/2020	Roto-Rooter	Plumbing Service 02/25/20	190.50
64249	04/08/2020	Save Our Heritage Organisation	WCRH O&M Contribution 04/2020 - 06/2020	3,000.00
64250	04/08/2020	Siemens Industry Inc	Siemens Sensor Prom FDK:085U1005 (1)	47.63
	04/08/2020		Siemens MAG 5000 7ME6910-1AA10-1AA0 (1)	1,639.99
64251	04/08/2020	SiteOne Landscape Supply, LLC	PVC Adapter (1)	3.97
	04/08/2020		Jute Netting, PVC Adapters	119.87
	04/08/2020		Stakes for Jute Netting (100)	8.12
	04/08/2020		Drain Cover (1)	24.29
64252	04/08/2020	Sunbelt Rentals	Water Truck Rental	385.99
64253	04/08/2020	Sunrise Materials Inc	Delivery Fee (1)	135.31
	04/08/2020		Lath Bundles (6)	230.57
	04/08/2020		Gravel Bags (70)	284.16
	04/08/2020		Pallet Deposit (1)	21.65
64254	04/08/2020	TS Industrial Supply	Medium 5 Mil Latex Gloves 100 per box (8 bx)	77.42
	04/08/2020		Small 5mil Latex Glove Latex Glove 100 per box (2 bx)	19.36
	04/08/2020		Metal Cutting Wheel Type 27 (400)	87.25
	04/08/2020		Hand Brush 505 Plastic Utility Brush (5)	25.44
	04/08/2020		Wire Brush Small (plastic handle) (15)	39.94
	04/08/2020		Marking Paint Blue #203 (144)	48.58
	04/08/2020		Striping Paint Yellow #720 (144)	65.21
	04/08/2020		Gatorade 8.5 oz. 1 Gallon Fruit Punch (1)	85.52

Payment Number	Payment Date	Vendor	Description	Amount
	04/08/2020		Grinding Wheel #27 (400)	106.09
	04/08/2020		Gloves Power Grab - Thermo 9L (144)	111.71
	04/08/2020		Sea 2" Pipe Wrap Tape (20)	140.73
	04/08/2020		Teflon Tape 0.5" (20)	12.56
	04/08/2020		Wire Brush (5)	17.59
	04/08/2020		Digging Bar Light Duty (1)	38.10
	04/08/2020		Measuring Tape Holder 25' (3)	48.23
	04/08/2020		Gauge 160lb Pressure Oil (5)	99.91
	04/08/2020		Shovel Spade (2)	107.71
	04/08/2020		Shovel Mud (2)	120.70
	04/08/2020		Lifter SS 36" Meter Lid (4)	140.51
	04/08/2020		Gloves Thickster Nitrile XL 100 per box (10 Bx)	160.21
	04/08/2020		Gloves Thickster Nitrile LG 100 per box (10 bx)	160.21
	04/08/2020		Towel Scrub in a Bucket (10)	181.32
	04/08/2020		Rake 14" Garden (1)	17.70
64255	04/08/2020	Underground Service Alert of Southern California	New DigAlert Tickets 03/2020	346.60
	04/08/2020		Dig Safe Board Fees 03/2020	220.93
64256	04/08/2020	Verizon Wireless	Air Cards 02/13/20-03/12/20	136.32
	04/08/2020		SCADA Remote Access	368.89
64257	04/15/2020	Refund Check 64257	Customer Refunds	136.29
64258-64260	04/15/2020	Refund Checks 64258-64260	Customer Refund	537.69
64261	04/15/2020	ACWA/JPIA	Workers Compensation 01/2020 - 03/2020	38,191.05
64262	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	1,650.70
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	69.09
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	860.63
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	825.35
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	33.72
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	33.72
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	69.09
	04/15/2020		Medical & Dental Insurance 05/2020- Cobra	69.09
	04/15/2020		Medical & Dental Insurance 05/2020 - Employees	169,643.23
	04/15/2020		Medical & Dental Insurance 05/2020 - Retirees	41,328.34
	04/15/2020		Medical & Dental Insurance 05/2020 - R Vasquez	1,719.79
	04/15/2020		Medical & Dental Insurance 05/2020 - P Dorey	1,719.79
	04/15/2020		Medical & Dental Insurance 05/2020 - P Sanchez	1,790.34
	04/15/2020		Medical & Dental Insurance 05/2020 - M Miller	1,790.34
	04/15/2020		Medical & Dental Insurance 05/2020 - J MacKenzie	1,790.34
64263	04/15/2020	Advanced Transportation	Kaufman Trailer Shipping	5,200.00
64264	04/15/2020	Airgas USA LLC	Acetylene & Oxygen	687.05

Payment Number	Payment Date	Vendor	Description	Amount
	04/15/2020		Burn Gel	26.40
64265	04/15/2020	Amazon Capital Services	Strobe Tube Bulb - Truck 7	75.57
	04/15/2020		Plastic Spray Bottles (12)	69.08
	04/15/2020		Circulating Pump for Hot Water Heater	696.03
64266	04/15/2020	Answering Service Care, LLC	Answering Service 03/2020	395.00
64267	04/15/2020	Aquajet Art	ERT Meter Brackets (320)	1,034.40
64268	04/15/2020	Auto Specialist Warehouse	Front Brake Pads - Truck 41	75.06
	04/15/2020		Front Brake Pads - Truck 20	75.06
64269	04/15/2020	California Department of Justice	Fingerprinting	98.00
64270	04/15/2020	Cecilia's Safety Service Inc	Traffic Control - N Santa Fe/Conanea St	1,710.00
	04/15/2020		Traffic Control - E Vista Way/Vale Terrace	1,615.00
	04/15/2020		Traffic Control Design - Civic Center & Pala Vista	210.00
64271	04/15/2020	Certified Laboratories	Flash II Germicide (24)	361.24
64272	04/15/2020	CleanCapital HCA Borrower LLC	Solar Use - 03/2020	5,592.40
64273	04/15/2020	Coast Equipment Rentals	Mower Rental	710.00
64274	04/15/2020	Core & Main	Air Release Valves, Ball Valves	1,643.24
	04/15/2020		Pipe 2" PVC Schedule 40 (20)	18.40
	04/15/2020		Ell 2" Brass Street 90 Degree (12)	311.76
	04/15/2020		Tubing 2" Copper Soft 20' (20)	281.45
	04/15/2020		Fire Hydrant Spool 6x24 DI (2)	278.20
	04/15/2020		Nut Bolt Gasket Kit 6"-8" (6" gasket) 3/4 x 3 1/4 (20)	212.14
	04/15/2020		Ell 8" DI PO 45 Degree (4)	501.63
	04/15/2020		Tubing 1" Copper Soft 60' (180)	691.72
	04/15/2020		Corp Stop 2" MIP X FIP (4)	926.14
	04/15/2020		Angle Ball Valve 2" FNPT X MNPT (CurbStop) (4)	1,130.13
	04/15/2020		Fire Hydrant 6x4x2.5 (1)	2,394.49
	04/15/2020		Fire Hydrant LB400 Check Valve (2)	2,851.31
	04/15/2020		Fire Hydrant 6x4x2.5x2.5 (1)	3,202.04
	04/15/2020		Tee 8" DI POxFL (1)	211.09
	04/15/2020		Grease No-Oxide 1 gal (4)	168.65
	04/15/2020		Plastic Wrap Clear 8 mil 3'x100' (Visqueen) (20)	497.95
	04/15/2020		Pipe 4" PVC DR-14 C900 (40)	132.07
	04/15/2020		Pipe 6" PVC DR-14 C900 (20)	128.82
	04/15/2020		Fire Hydrant Spool 6x18 DI (1)	117.78
	04/15/2020		Ell 6" DI PO 45 Degree (1)	85.52
	04/15/2020		Adapter 6" DI POxFL (1)	85.52
	04/15/2020		Pipe .75" STD Black (42)	52.28
	04/15/2020		Pipe .75" PVC Schedule 40 (40)	12.99
	04/15/2020		Ball Valve .75" FIP x FIP with handle PSI 150 (4)	37.24

Payment Number	Payment Date	Vendor	Description	Amount
	04/15/2020		Angle Ball Meter Valve .75" Flare w/Swivel Mtr Nut (5)	382.72
	04/15/2020		Nipple 2x8 Brass (2)	49.80
64275	04/15/2020	CoreLogic Solutions Inc	Real Quest Online Services 03/2020	300.00
64276	04/15/2020	County of San Diego	Permit Fees 02/2020	4,746.60
64277	04/15/2020	Craneworks Southwest Inc	Latch Lock Linkage Rods (10)	53.03
	04/15/2020		Hydraulic Hoses (2) - B6	90.57
64278	04/15/2020	Department of Forestry & Fire Protection	Brush & Weed Abatement	898.32
64279	04/15/2020	Department of Water Resources	Henshaw Dam Fee FY 20/21	18,308.00
64280	04/15/2020	Dudek	E Reservoir Replacement & Pump Station 01/2020	127,825.15
	04/15/2020		E Reservoir Replacement & Pump Station 02/2020	34,476.33
64281	04/15/2020	EDCO Waste & Recycling Services Inc	Trash & Recycle 03/2020	233.87
	04/15/2020		40yd Trash Dumpster	403.28
64282	04/15/2020	Fastenal Company	Nuts, Bolts, Washers	164.76
64283	04/15/2020	Glennie's Office Products Inc	Office Supplies	3.56
	04/15/2020		Office Supplies	20.09
64284	04/15/2020	Grainger	Check Valve (1)	61.21
64285	04/15/2020	Hawthorne Machinery Co	Temperature Sensor, Seat Cushion, Hydraulic Fluid	344.29
64286	04/15/2020	Home Depot Credit Services	Hammer Drill	614.86
	04/15/2020		4-Blade Saw Tooth Cutter	793.14
	04/15/2020		Drain Snake	27.82
	04/15/2020		Stencils	6.71
	04/15/2020		Paint	22.36
	04/15/2020		Painting Supplies	111.59
	04/15/2020		Painting Supplies	409.41
	04/15/2020		Building Supplies & Materials	133.81
	04/15/2020		Cleaning Supplies	95.41
	04/15/2020		Expanding Foam	4.09
	04/15/2020		Torch Kit & Supplies	104.36
	04/15/2020		Box Truck Rental	(11.20)
	04/15/2020		Box Truck Rental	177.20
	04/15/2020		Cleaning Supplies - Dam House	436.14
	04/15/2020		Supplies for Cabinets Installation - Dam House	29.49
	04/15/2020		Supplies for Cabinets Installation - Dam House	22.09
	04/15/2020		Glue for Cabinets - Dam House	4.03
	04/15/2020		Tools	74.60
	04/15/2020		Cleaning & Maintenance Supplies	72.33
	04/15/2020		Maintenance Supplies	81.48
	04/15/2020		Supplies	126.86
	04/15/2020		E305 Water Quality Supplies	173.61

Payment Number	Payment Date	Vendor	Description	Amount
	04/15/2020		E305 Water Quality Panel Supplies	75.35
	04/15/2020		Concrete 60lb bag	226.39
	04/15/2020		Concrete Rapid Set 60lb bag	754.40
64287	04/15/2020	Joe's Paving	Patch Paving	5,018.35
64288	04/15/2020	Kaufman Trailers of SC, Inc.	Trailer- 35 Ton Spring Ride Chassis	37,195.00
64289	04/15/2020	Kimball Midwest	O-Rings (20)	40.92
64290	04/15/2020	Lightning Messenger Express	Messenger Service 03/27/20	52.50
64291	04/15/2020	Mallory Safety and Supply, LLC	Disinfecting Wipes for Respirators	16.24
	04/15/2020		Blower	1,122.55
64292	04/15/2020	McMaster-Carr Supply Company	Hardware for Pechstein Rehab Project	1,749.14
64293	04/15/2020	Medical Eye Services	Vision Insurance 05/2020 - Cobra	8.78
	04/15/2020		Vision Insurance 05/2020 - Employees	1,689.40
	04/15/2020		Vision Insurance 05/2020 - J MacKenzie	14.24
	04/15/2020		Vision Insurance 05/2020 - P Dorey	14.24
	04/15/2020		Vision Insurance 05/2020 - M Miller	14.24
	04/15/2020		Vision Insurance 05/2020 - R Vasquez	14.24
	04/15/2020		Vision Insurance 05/2020 - P Sanchez	14.24
64294	04/15/2020	NAPA Auto Parts	Toggle Switches (3)	47.06
	04/15/2020		Brake Assembly - T23	109.86
	04/15/2020		Wheel Seal - T23	15.14
64295	04/15/2020	North County Auto Parts	Filters, O-rings	56.49
	04/15/2020		High Pressure Grease Cartridges (30)	211.09
	04/15/2020		Wheel Seal - VM1	12.42
	04/15/2020		Wheel Seal - T23	20.08
	04/15/2020		Filter, Brake Cleaner, Sandpaper	38.40
	04/15/2020		Trailer Wiring Connector - T16	30.75
	04/15/2020		Transmission Filter - B6	8.69
64296	04/15/2020	O'Reilly Auto Parts	Toggle Switch - Truck 66	15.63
64297	04/15/2020	Benetrac	Employee Benefits Tracking 04/2020	400.00
64298	04/15/2020	Paychex of New York LLC	Onboarding/Recruiting Service 04/2020	412.50
64299	04/15/2020	Rancho Environmental Service	Tree Trimming	900.00
64300	04/15/2020	Raymond Handling Solutions Inc	Replaced Hydraulic Pump - F3	1,406.47
	04/15/2020		Replaced Side Shift Wire Harness - F3	362.73
64301	04/15/2020	Rincon del Diablo MWD	MD Reservoir Water Service 03/2020	38.30
64302	04/15/2020	San Diego Gas & Electric	Gas Use 03/2020	982.78
	04/15/2020		Electrical Transmission 03/2020	3,663.29
	04/15/2020		Electric 03/2020 - T&D	89.07
	04/15/2020		Electric 03/2020 - Reservoirs	52.21
64303	04/15/2020	Shallako Goodrick	Reimburse - Cloth Mask for COVID-19 (102)	771.79

Payment Number	Payment Date	Vendor	Description	Amount
64304	04/15/2020	Southern Counties Lubricants, LLC	Fuel 03/16/20 - 03/31/20	4,135.23
64305	04/15/2020	Spok, Inc	Pagers	43.84
64306	04/15/2020	Sunrise Materials Inc	Gravel	63.87
	04/15/2020		Cement 10lb Quikrete (28)	832.01
	04/15/2020		Cement 50lb Quikrete (12)	597.54
64307	04/15/2020	The UPS Store 0971	Shipping 03/2020	93.02
	04/15/2020		Shipping 03/2020	104.15
64308	04/15/2020	Tom & Melissa Tamayo	Reimburse for Damage	289.00
64309	04/15/2020	TS Industrial Supply	Mud Pump Strainers (3)	54.33
	04/15/2020		Leader Air Hoses	69.16
64310	04/15/2020	UniFirst Corporation	Uniform Service	332.21
	04/15/2020		Uniform Service	368.53
	04/15/2020		Uniform Service	332.81
64311	04/15/2020	WM LampTracker Inc	Universal Waste Disposal	248.00
64312	04/15/2020	WorkPartners OHS	Physicals (2)	260.00
64313-64314	04/22/2020	Refund Checks	Customer Refunds	248.00
64315	04/22/2020	Refund Check	Customer Refund	1,105.62
64316	04/22/2020	Airgas USA LLC	Hydrocortisone Cream	5.27
64317	04/22/2020	Amazon Capital Services	HVAC Filters, Clipboard	53.37
64318	04/22/2020	Auto Specialist Warehouse	Front Brake Pads - Truck 32	48.51
64319	04/22/2020	BHA Inc	Henshaw Dam Monitoring 03/2020	739.40
64320	04/22/2020	Canon Solutions America, Inc	Canon Supplies & Maintenance	27.71
64321	04/22/2020	City Of Escondido	EVWTP OSG Expenses 1/2020 - 3/2020	3,232.85
	04/22/2020		Escondido Canal Operating Costs 01/2020-03/2020	97,379.91
	04/22/2020		Bear Valley Reconciliation 07/2019 - 03/2020	2,681.49
64322	04/22/2020	City of Oceanside	Weese Treatment 03/2020	45,333.29
64323	04/22/2020	Core & Main	Lid 8" Slotted Valve (VID) (300)	7,225.70
	04/22/2020		6" Octave Water Meter, Encoder, Adapter	3,849.84
	04/22/2020		Reducer 8x4 DI FL (1)	122.32
	04/22/2020		Reducer 8x6 DI FL (1)	132.08
	04/22/2020		Sleeve 10"x12" Galvanized Top Sections (40)	533.02
64324	04/22/2020	Drum Plumbing, Inc	Meter Tie-Back - Opal Ridge	480.00
64325	04/22/2020	Electrical Sales Inc	Fuses (9)	438.41
	04/22/2020		Fuses (3)	146.14
64326	04/22/2020	Fastenal Company	Bolts (10)	13.03
64327	04/22/2020	Ferguson Waterworks	Meter 5/8" x 3/4" electronic read (60)	8,281.13
	04/22/2020		Meter 1" electronic read (30)	6,067.95
	04/22/2020		Meter 3/4" x 1" electronic read (40)	6,040.35
	04/22/2020		AquaPhalt Asphalt Patch (6)	278.96

Payment Number	Payment Date	Vendor	Description	Amount
	04/22/2020		Tubing 2" Copper Soft 20' (100)	1,288.18
	04/22/2020		Fire Hydrant LB400 Check Valve (8)	11,879.70
	04/22/2020		Tubing 1" Copper Soft 60' (3)	11,755.95
	04/22/2020		Angle Ball Mtr Valve 1" Flare Swl Mtr Nut Lockwing (112)	11,092.25
	04/22/2020		Zinc Anode bag 30lb (61)	8,848.36
	04/22/2020		Wire 10 Copper (9000)	1,948.50
	04/22/2020		Service Saddle 10x2 PVC (11)	2,105.37
	04/22/2020		Gate Valve 6" POxFL R/W (12)	7,374.55
	04/22/2020		Ell 6"x16" POxFL Bury DI (8)	2,216.96
	04/22/2020		Coupling 8" Deflection C900 (40)	2,882.48
	04/22/2020		Coupling 10" Deflection C900 (40)	7,243.66
	04/22/2020		Pipe 8" PVC DR-14 C900 (340)	3,305.09
	04/22/2020		Service Saddle 8x1 PVC (24)	3,309.07
	04/22/2020		Tee 10x6 DI POxFL (11)	3,446.51
	04/22/2020		Service Saddle 10x1 PVC (38)	6,491.51
	04/22/2020		Corp Stop 1" MIP X Flare (115)	6,026.44
	04/22/2020		Gate Valve 10" POxFL R/W (9)	13,746.76
	04/22/2020		Angle Ball Valve 2" FNPT X MNPT (CurbStop) (19)	5,904.52
	04/22/2020		Gate Valve 8" POxFL R/W (4)	3,884.83
	04/22/2020		Service Saddle 6x1 PVC (2)	222.78
	04/22/2020		Air Vent Enclosure VCAS-1830 Granite Mix (1)	397.28
	04/22/2020		Service Saddle 6x2 PVC (3)	394.96
	04/22/2020		Nut Bolt Gasket Kit 10"- 12" (10" gasket) (14)	365.24
	04/22/2020		Tee 10" DI POxFL (1)	354.41
	04/22/2020		Coupling 10" Repair PVC C900 (2)	351.79
	04/22/2020		Tee 10x6 DI Flange (1)	340.98
	04/22/2020		Coupling 6" Deflection C900 (10)	301.37
	04/22/2020		Service Saddle 8x2 PVC (4)	600.53
	04/22/2020		Nut Bolt Gasket Kit 6"-8" (6" gasket) 3/4 x 3 1/4 (22)	222.67
	04/22/2020		Gate Valve 4" POxFL R/W (1)	466.55
	04/22/2020		Coupling 4" Macro (1)	210.97
	04/22/2020		Air Vent 1" ARI Combination Valve (1)	201.35
	04/22/2020		Reducer 8x6 DI PO (2)	195.98
	04/22/2020		Service Saddle 4x2 PVC (1)	114.08
	04/22/2020		Coupling 4" Repair PVC C900 (1)	23.82
	04/22/2020		Nut Bolt Gasket Kit 4" (4" gasket) (1)	5.54
	04/22/2020		Tee 10x8 DI Flange (4)	1,430.29
	04/22/2020		Coupling 6" Macro (3)	835.22
	04/22/2020		Adapter 10" DI FLxPO (4)	619.54

Payment Number	Payment Date	Vendor	Description	Amount
	04/22/2020		Corp Stop 2" MIP X FIP (4)	781.74
	04/22/2020		Coupling 6" Repair PVC C900 (6)	207.97
	04/22/2020		Adapter 2" Copper x MIP (38)	493.62
	04/22/2020		2" Brass Street 90° Ell (19)	452.49
	04/22/2020		1" Copper 90° Ell (1)	2.93
	04/22/2020		1" Brass Coupling (1)	4.01
	04/22/2020		Tee 10" x 4" Ductile Iron Flange (1)	364.68
	04/22/2020		2" Sch 80 Threaded Caps (19)	94.61
	04/22/2020		1" Brass Clamps (50)	143.43
	04/22/2020		Reducer 1.5" Street x 1" Copper (5)	23.44
	04/22/2020		5/8" Brass Nuts (100)	129.90
	04/22/2020		Adapter 1" PVC Sch 80 (20)	60.62
	04/22/2020		2" Oval Gasket (50)	51.42
	04/22/2020		Reducer 2" Street x 1" Copper (5)	47.63
	04/22/2020		Nipple 0.75" x 6" Brass (3)	13.87
	04/22/2020		Nipple 2" x 6" (Black) (1)	7.36
	04/22/2020		3/4" x 1" Meter Bushing Ford #A34R-NL (10)	109.33
	04/22/2020		AquaPhalt Asphalt Patch (6)	(278.96)
64328	04/22/2020	D.H. Maintenance Services	Janitorial Service 04/2020	2,366.00
64329	04/22/2020	HP Inc	V110 Laptop	2,532.51
64330	04/22/2020	Jackson & Blanc	HVAC Quarterly Maintenance 4/2020 - 6/2020	2,309.00
64331	04/22/2020	Major League Pest	Bee Removal (1)	85.00
	04/22/2020		Bee Removal (1)	85.00
64332	04/22/2020	North County Auto Parts	Starting Fluid (4)	12.69
	04/22/2020		Rear Shocks - Truck 45	152.33
	04/22/2020		Filter - E1	29.16
64333	04/22/2020	Pacific Pipeline Supply	10" Restraints (2)	210.76
64334	04/22/2020	Pauley Equipment Rental Inc	Hitch Linkage Parts - M3 Tractor	288.66
64335	04/22/2020	Powerland Equipment, Inc	Chainsaw Parts, Box Scraper Blade	536.91
64336	04/22/2020	Ramco Petroleum	Fuel 03/2020 - Henshaw	2,918.15
64337	04/22/2020	Richard Brady & Associates, Inc	HB Reservoir Rehabilitation 03/2020	342,689.00
64338	04/22/2020	Rutan & Tucker LLP	Legal 03/2020 - General	5,210.27
	04/22/2020		Legal 03/2020 - Prop 218	1,856.00
64339	04/22/2020	The Nyhart Company	OPEB Funding Report & GASB 75	8,550.00
64340	04/22/2020	TS Industrial Supply	Gloves Large Leather (24)	199.79
	04/22/2020		Striping Paint Blue #750 (24)	130.51
	04/22/2020		Counter Brush 8" (#8) (4)	32.65
	04/22/2020		Marking Paint White #207 (24)	97.23
	04/22/2020		Striping Paint White #710 (12)	65.25

Payment Number	Payment Date	Vendor	Description	Amount
	04/22/2020		Marking Paint Blue #203 (12)	48.62
	04/22/2020		Max Ear Plug (Uncorded) # Max 1 (200)	31.93
	04/22/2020		4" Paint Brush (20)	48.28
	04/22/2020		2" Paint Brush (36)	20.26
64341	04/22/2020	Vista Brake & Smog	Tire (1) - T4	267.45
	04/22/2020		Tire (2) - Truck 32	348.50
64342	04/22/2020	Xerox Corporation	Xerox Supplies & Service	257.80
64343-64344	04/29/2020	Refund Checks 64343-64344	Customer Refunds	5,428.00
64345	04/29/2020	Amazon Capital Services	Wheel Kit for Pallet Jack	107.04
	04/29/2020		500-Watt:Light Bulbs (10)	33.55
	04/29/2020		Ignition Coil (2)	95.84
	04/29/2020		Toggle Switch	37.43
64346	04/29/2020	Auto Specialist Warehouse	Rear Brake Shoes & Hardware - Truck 8	52.61
	04/29/2020		Rear Brake Pads - Truck 47	68.12
	04/29/2020		Front Brake Pads - Truck 35	48.51
	04/29/2020		Brake Rotors (2) - Truck 35	103.92
	04/29/2020		Front Brake Pads - Truck 14	47.13
64347	04/29/2020	Azteca Systems, LLC	Cityworks License Renewal 6/15/20 - 6/14/21	16,000.00
64348	04/29/2020	Basic pacific	Flexible Spending Service/Cobra 04/2020	308.00
64349	04/29/2020	760Print	E-CCR Notice Printing	879.77
64350	04/29/2020	Coast Equipment Rentals	Checked Nitrogen on Hydraulic Hammer	135.00
64351	04/29/2020	Core & Main	Corp Stop 1" MIP X Flare (8)	500.12
	04/29/2020		Gate Valve 12" FL (1)	1,824.01
	04/29/2020		Gate Valve 10" FL R/W (1)	1,510.09
	04/29/2020		Ball Meter Valve .75" Lockwing FIPxSwivel Mtr Nut (12)	818.37
	04/29/2020		Service Saddle 6x2 PVC (4)	606.20
	04/29/2020		Angle Ball Mtr Valve 1" Flare Swl Mtr Nut Lockwing (23)	2,627.68
	04/29/2020		Sleeve 8"x12" Galvanized Top Sections (50)	462.77
	04/29/2020		Pipe 10" PVC DR-14 C900 (20)	330.16
	04/29/2020		Service Saddle 6x2 Brass AC (1)	135.31
	04/29/2020		Ball Meter Valve 1.5" FLG X FIP DD & Lockwing (10)	1,894.38
	04/29/2020		Service Saddle 6x1 Brass AC (1)	107.38
	04/29/2020		Visqueen Black 20'x100'x.006 (4)	99.59
	04/29/2020		Coupling Meter .75"x1.50" (4)	45.90
	04/29/2020		Clamp 1x3 Repair Full Circle Copper Romac (1)	26.79
	04/29/2020		Fire Hydrant LB400 Check Valve (6)	8,605.88
	04/29/2020		Adapter 2" Copper x MIP (12)	153.93
	04/29/2020		Ball Meter Valve 1" Lockwing FIPxSwivel Mtr Nut (24)	2,390.16
64352	04/29/2020	Diamond Environmental Services	Stationary and Portable Service	317.25

Payment Number	Payment Date	Vendor	Description	Amount
64353	04/29/2020	Direct Energy	Electric 04/2020 - VID	755.94
	04/29/2020		Electric 04/2020 - Henshaw Buildings & Grounds	7.81
	04/29/2020		Electric 04/2020 - Henshaw Well Field	(3.75)
	04/29/2020		Electric 04/2020 - T & D / Cathodic Protection	31.48
	04/29/2020		Electric 04/2020 - Reservoirs	10.33
	04/29/2020		Electric 04/2020 - Pump Stations	2,539.57
	04/29/2020		Electric 04/2020 - Treatment Plants	26.52
64354	04/29/2020	Ferguson Waterworks	Pipe 10" PVC DR-14 C900 (2560)	37,910.02
	04/29/2020		Pipe 4" PVC DR-14 C900 (40)	116.48
	04/29/2020		Pipe 6" PVC DR-14 C900 (420)	2,377.82
	04/29/2020		Pipe 10" PVC DR-14 C900 (1800)	26,655.48
	04/29/2020		Pipe 8" PVC DR-14 C900 (900)	8,748.77
64355	04/29/2020	Glennie's Office Products Inc	Office Supplies	41.99
64356	04/29/2020	Grainger	Pre-moistened Cleaning Tissues, File	58.57
	04/29/2020		Tube Cutting Wheel (10)	95.47
64357	04/29/2020	Hawthorne Machinery Co	Armrest Kit - B18	76.30
	04/29/2020		Performed Update for Kickout Valve Link -B23	492.59
64358	04/29/2020	InfoSend Inc	Special Mailing - Fall 2019 Reflection Newsletter	502.37
64359	04/29/2020	Ken Grody Ford Carlsbad	Shift Lever Tube Parts	65.66
64360	04/29/2020	Ken Wulf	Footwear Reimbursement	126.41
64361	04/29/2020	Leon Perrault Trucking & Materials	Material & Transportation 03/2020	5,776.25
64362	04/29/2020	Lightning Messenger Express	Messenger Service 4/7/20 & 4/10/20	52.50
64363	04/29/2020	Major League Pest	Monthly Pest Control	225.00
64364	04/29/2020	NAPA Auto Parts	Filters (2) - E1	51.48
64365	04/29/2020	North County Auto Parts	Oil Filters (2)	7.79
	04/29/2020		Rear Shocks - Truck 47	152.33
	04/29/2020		Washer Solution for Parts	112.56
	04/29/2020		Turn Rotors (4)	106.00
64366	04/29/2020	Nu Line Technologies	Warner Ranch Siphon 1B Liner Project 10/2019	3,881.75
64367	04/29/2020	Pacific Pipeline Supply	Air Plug Flow Ball Plug, Coupling, Bushing	270.14
64368	04/29/2020	Right-of-Way Engineering Services, Inc	Construction Staking - York Drive Waterline	6,630.00
64369	04/29/2020	San Diego Gas & Electric	Electric 04/2020 - Dam House	185.95
	04/29/2020		Electric 03/2020 - Cathodic Protection & T&D	226.03
	04/29/2020		Electric 03/2020 - Reservoirs	123.45
	04/29/2020		Electric 03/2020 - Pump Stations	7,973.53
	04/29/2020		Electric 03/2020 - Plants	114.69
64370	04/29/2020	Shred-it USA LLC	Shredding Service	132.18
64371	04/29/2020	SignArt	Unit Number Decals - T8	8.62
64372	04/29/2020	Sloan Electric Company	Station 10, Motor #1 Inspection & Testing	472.50

Payment Number	Payment Date	Vendor	Description	Amount
64373	04/29/2020	State Water Resources Control Board	D5 Certification Renewal	105.00
64374	04/29/2020	Sunrise Materials Inc	Delivery Fee	135.31
	04/29/2020		Gravel Bags (140)	568.31
	04/29/2020		Pallet Deposit (2)	43.30
	04/29/2020		Pallets (3)	(48.71)
64375	04/29/2020	Talley Inc	Freewave FGR2-PE-U Radio (7)	5,959.07
64376	04/29/2020	The Centre for Organization Effectiveness	Supervisor's Academy 02/13/20 (2)	1,550.00
64377	04/29/2020	TS Industrial Supply	Broom 24" Push (10)	483.14
	04/29/2020		Shut-Off Tool #85 (1)	308.51
	04/29/2020		Locks 2029 Master (48)	649.50
	04/29/2020		Welding Cutting Tip 1-1-101 (8)	86.60
	04/29/2020		Flaring 1" Tool (1)	23.71
	04/29/2020		Wrench Three Socket (1)	210.01
	04/29/2020		Wire Wheel 5" (5)	83.89
64378	04/29/2020	Johnson Controls Security Solutions LLC	Security System Maintenance/Monitoring 5/20-7/20	2,660.23
64379	04/29/2020	UniFirst Corporation	Uniform Service	517.61
	04/29/2020		Uniform Service	332.81
64380	04/29/2020	Verizon Wireless	Cell Phones 03/16/20 - 04/15/20	1,373.48
64381	04/29/2020	Vista Brake & Smog	Tires (4) - Truck 20	934.19
64382	04/29/2020	Vista Printing	Primer for Painting Regulator Piping	32.27
Grand Total:				1,540,523.63



STAFF REPORT

Agenda Item: 7

Board Meeting Date: May 13, 2020
Prepared By: Don Smith, Randy Whitmann, Frank Wolinski & Marlene Kelleher
Approved By: Brett Hodgkiss

SUBJECT: DIVISION REPORTS

RECOMMENDATION: Note and file informational report.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

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

WATER RESOURCES DIVISION

**VID Water Production
March 2020**

Description	Current Month Production		Average Production of Last 12 Months		Total, Fiscal Year-to-Date
	(mgd)	(af)	(mgd)	(af)	(af)
VID's EVWTP Water Production					
Local Water	1.05	99.50	3.73	348.94	2,410.60
SDCWA Raw Water	5.65	537.50	7.57	707.69	6,865.40
Subtotal (EVWTP Water Production)	6.70	637.00	11.29	1,056.63	9,276.00
Oceanside Contract Water	3.16	300.30	0.84	78.94	947.30
SDCWA Treated Water	0.53	50.20	2.22	208.52	1,954.30
TOTAL WATER PRODUCTION	10.38	987.50	14.36	1,344.09	12,177.60

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

Lake Henshaw

Storage as of May 5, 2020: 11,471 af (22% of 51,832 af capacity)
 Current releases: 0 cfs
 Change in storage for month of March: 1,790 af (gain)
 Total releases for month of March: 0 af
 Hydrologic year-to-date rain total: 28.56 inches (May 5, 2020)
 Percent of yearly average rain: 116% (30-year average: 24.62 inches)
 Percent of year-to-date average rain: 120% (30-year average through April: 23.87 in.)

Warner Ranch Wellfield

Number of wells running in March: 0
 Total production for month of March: 69 af (70's wells)
 Average depth to water table (April): 96 ft (see attached historical water table chart)

April

- Developed plans to repair damaged ditch section on the Warner Ranch. Discussed project approach with Helix Environmental and Infrastructure Engineering Corporation and met with local contractor, Cass Arrieta, at the site to review the project approach.

May

- Coordinate 2020 Local Water deliveries with City of Escondido and the San Luis Rey Indian Water Authority.
- Continue Warner Ranch ditch repair plans.

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

ADMINISTRATION DIVISION

April

- The District's total water production for March 2020 was 988 acre-feet (AF) compared to 1,343 AF in 2013, representing a 26% decrease.
- Continued coordinating implementation of Pandemic Response Plan in response to COVID-19 pandemic.
- Continued coordinating the development of the District Budget.

May

- Mail notice regarding the availability of the Consumer Confidence Report (annual water quality report) on-line beginning July 1, 2020 with water bills.
- In coordination with participating North County water agencies, extended deadline to submit Water Awareness Poster Contest entries to June 15, 2020 due to school closures related to the COVID-19 pandemic; work with Vista Unified School District to notify 4th grade classes of new submittal deadline.
- Continue coordinating implementation of Pandemic Response Plan in response to the COVID-19 pandemic.
- Continue coordinating the development of the District Budget.
- Coordinate training on proper use of respiratory protection equipment and fit testing for field personnel.

OPERATIONS & FIELD SERVICES

April

- Inspected and tested 11 new backflow devices that were integrated into the District's cross-connection control program.
- Pechstein reservoir beam reinforcement project – received the remainder of the stainless steel reinforcement plates and strut material; completed welding of each assembly.
- Submitted 2019 Annual Report to the Division of Drinking Water.
- Began repair work to the flume road on the east end of Borden Bench that sloughed during recent rainstorms. Covered and secured west end flume road area failure; slope restoration/road repair work pending.
- Continued cleaning and disinfecting hard surfaces, doors and common areas at District office daily.
- Completed mainline replacement of steel pipe on Nordahl Road – installed approximately 80' of 10-inch PVC pipe and three services.
- Mainline replacement work is complete on Montgomery Drive except for four system tiebacks; project completion is on hold so water is not shut-off while customers are sheltering in place per the Governor's Executive Order related to the COVID-19 pandemic.

May

- Continue Pechstein reservoir beam reinforcement project.
- Submit draft Consumer Confidence Report (annual water quality report) to State Water Resources Control Board.
- Continue potholing for mainline replacement on York Drive.
- Begin mainline replacement of Nipponite and steel pipe on Pala Vista Drive – install approximately 650’ of 8-inch PVC, six services and three hydrant laterals.

Electrical Energy Use at VID Headquarters

March 2020

Description	Current Month Production	Average of Last 12 Months	Total, Fiscal Year-to-Date
	(kWh)	(kWh)	(kWh)
Solar Production (\$0.18 per kWh)	31,749	32,598	281,695
Power purchased from Direct Energy (\$0.05 per kWh)	12,000	10,147	109,957
TOTAL ELECTRICAL ENERGY USE	43,749	42,746	391,652

ENGINEERING DIVISION

April

- The District has replaced approximately 9.22 miles of Nipponite pipe since 2002. Of the 6.76 miles of Nipponite pipe remaining in the system, replacement of 1.50 miles is currently in design and 0.04 miles is in construction.
- The District has replaced approximately 6,670 feet (1.26 miles) of pipe (steel – 1,070 feet, PVC – 0 feet, non-Nipponite asbestos cement – 5,600 feet and Nipponite – 0 feet) in Fiscal Year 2020.
- Buena Creek (HB) Reservoir Rehabilitation – Richard Brady and Associates continued to form and pour concrete wall cap for aluminum dome roof and began reservoir footing and inlet and outlet modifications. Cost estimate/bid summary table attached.
- Edgehill (E) Reservoir Replacement and Pump Station – Dudek began working on 100% design submittal and reviewing public comments on the draft Mitigated Negative Declaration (MND).
- Four Reservoirs Seismic and Structural Analysis – MurraySmith began geotechnical investigations to evaluate Virginia Place (A), Summit Trail (C), Cabrillo Circle (E-1) and Deodar reservoirs.
- Projects along Flume
 - The Villages – 380 dwelling unit residential subdivision along Country Club Lane, between Nutmeg Street and Pamela Lane in Escondido. Project includes storm drain work along the Jones Siphon in addition to the relocation of an 18-inch transmission main feeding the Bennett service area. Project requires District review and approval of three tract maps, encroachment permit, joint use agreement, grant of right of way, improvement plan, and quitclaim and bill of sale. One tract map, encroachment permit, joint use agreement, and grant of right of way approved by the Board; all other items are currently in plan check.
 - Orchard Hills – 20 single-family home residential subdivision along Richland Road within a small unincorporated area between Escondido and San Marcos. Project requires District review and approval of de-annexation, grading plan, tract map, and irrevocable offer of dedication to the County of San Diego for a future trail along the Borden Bench. De-annexation approved by the Board and grading plan approved by staff; all other items are currently in plan check.

May

- Mainline Replacement Projects in design (current projects): Alta Vista Dr., Vista Grande Dr.*, Lonsdale Ln.*, Plumosa Ave., Lita Ln., Catalina Ave.*, Friendly Dr.*, Oak Dr.*, San Clemente Way*, Calle Maria, Via Christina, Olive Ave.*, Green Hills Way, Elevado Rd. (Total length = 3.44 miles).
- Mainline Replacement Projects in planning (future projects): N. Citrus Ave.*, E. Vista Way, Mason Rd., Lado De Loma, Eddy Dr., Camino Patricia, Camino Corto, Nordahl Rd.*, HN Line- Gopher Canyon to Fairview Dr., Buena Creek Rd.*, Robinhood Rd., Lower Ln., Easy St., Rancho Vista Rd., Bandini Place, McGavran Dr., Oro Avo Dr., Shale Rock, La Mirada, Crescent Dr., Descanso Ave., Mar Vista Dr., Miramar Dr., Camino Culebra*, Camino Loma Verde*, San Clemente Ave.* (Total length = 8.49 miles).
- City of Vista Projects – (Paseo) South Santa Fe Streetscape Improvements: Phase II along South Santa Fe Avenue from Ocean View to Terrace Drive (CIP #8289); Phase III along South Santa Fe Avenue from Terrace Drive to Civic Center Drive (CIP #9291). Project currently in construction and District to continue inspecting water facilities installed by City’s contractor. (Total length = 0.77 miles).
- Buena Creek (HB) Reservoir Rehabilitation – Richard Brady and Associates to continue reservoir footing modifications, inlet and outlet improvements, and prepare for new concrete floor slab.
- Edgehill (E) Reservoir Replacement and Pump Station – Dudek to continue working on 100% design submittal and preparing final MND.
- Four Reservoirs Seismic and Structural Analysis – MurraySmith to begin interior and exterior reservoir inspections to evaluate Virginia Place (A), Summit Trail (C), Cabrillo Circle (E-1) and Deodar reservoirs.

*Nipponite pipe

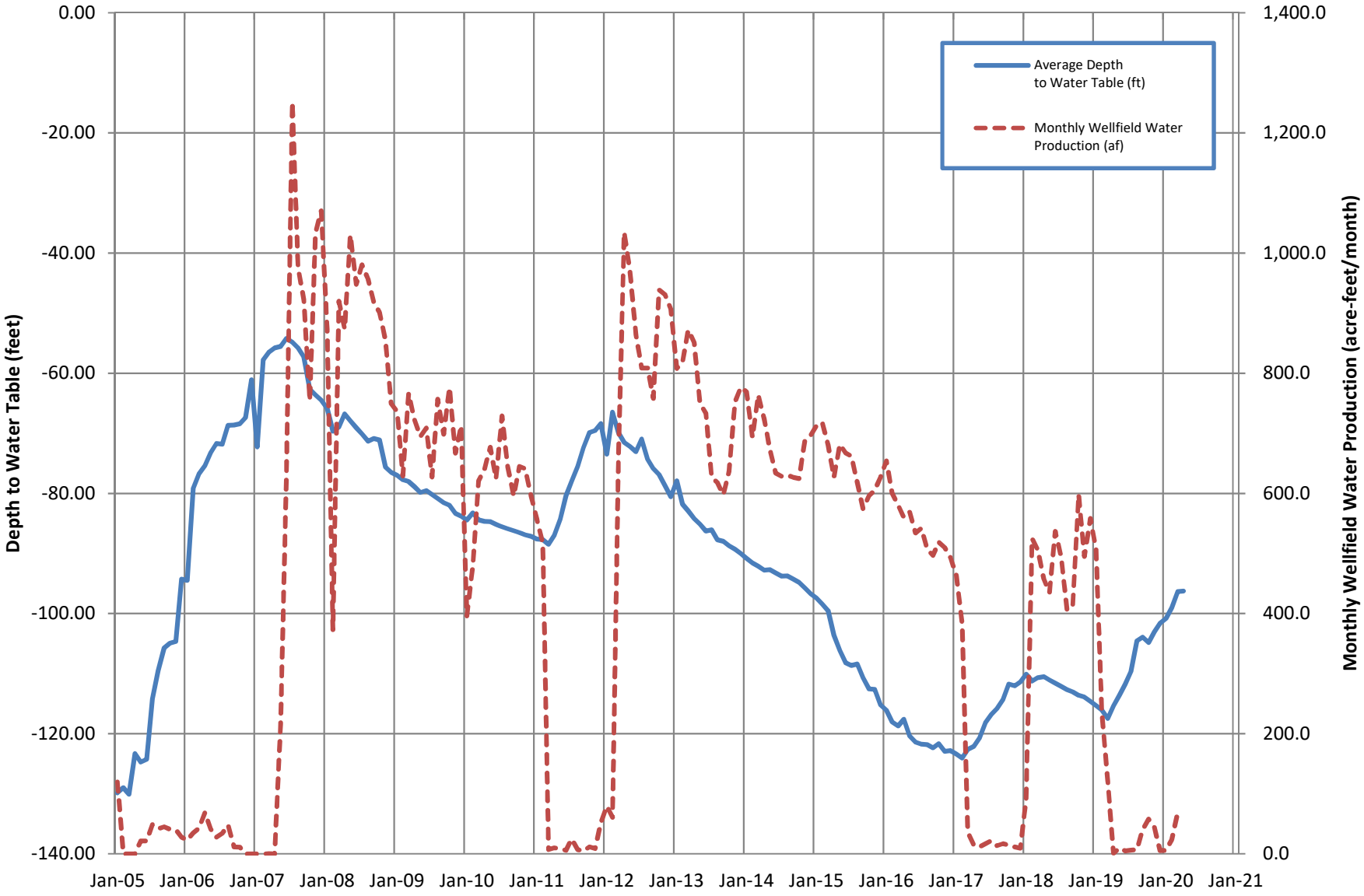


**LAKE HENSHAW RESORT, INC.
ACTIVITY REPORT
AS FEBRUARY 29, 2020**

	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 Jun	2019 Jul	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	12 MO AVG
Fishing Permits	74	356	633	384	749	751	687	404	301	244	112	102	179	409
Boat Launches	0	4	43	30	43	50	23	82	7	0	0	0	7	24
Motor Boats (full day rental)	0	0	0	11	48	47	42	19	7	4	2	7	4	16
Motor Boats (half day rental)	0	0	0	2	7	4	13	15	1	0	0	0	1	4
Campground/Head Count	56	319	590	599	879	979	1,188	488	196	128	39	110	94	467
Campground/Cars, Trucks, etc.	23	61	178	254	286	391	703	211	148	64	15	20	16	196
Campground/Recreational Vehicles	3	3	9	11	23	3	24	12	0	12	0	0	1	8
Mobile Home/Spaces	78	76	75	76	77	77	77	76	75	66	64	51	51	70
M.H.P. Daily (Visitors/Head Count)	41	56	62	41	54	56	100	102	98	67	63	28	20	62
M.H.P. (Residents/Head Count)	100	94	93	94	96	98	95	94	92	102	94	83	83	93
Storage	6	4	4	4	5	3	3	6	4	4	7	4	5	4
Cabins	59	111	184	188	108	158	177	126	144	144	98	88	82	134
Hunters	0	0	0	0	0	0	0	0	0	0	98	80	0	15

VID's Warner Wellfield

Water Table Depth vs. Monthly Wellfield Production



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

Description of Work	Budgeted Cost	Actual Bid Cost	Over or Under Budgeted Amount
Initial Site Work - M-Rae			
<i>Demolish Existing Fence, Steel Roof, Gate, Grub Site, Initial Site Work for Crane and Equipment Access</i>	\$59,693	\$39,919	-\$19,774
Exterior Stairs - Suez			
<i>Disassemble, Transport, Protect, Store, and Reinstall Exterior Stairs</i>	\$52,718	\$50,488	-\$2,230
Roof Demolition - DN Tanks			
<i>Roof Demolition, Remediate Existing Asbestos</i>	\$809,400	\$1,022,340	\$212,940
Tank Improvements - DN Tanks (see note 1)			
<i>Footing Modifications, Seismic Cables, Wall Shotcrete, Tank Exterior Crack Repair, Pressure Wash Tank Interior, Interior Floor and Wall Crack Repairs, Seal Existing Floor Joints, Demolish Existing Inlet/Outlet, Modify Drain, Construct New Inlet, Outlet, Washdown, Demolish Exist Inlet/Outlet, Modify Drain, Construct Inlet, Outlet, Washdown, Construct New Concrete Floor, Construct New Concrete Cap Beam, CIM Wall-Slab Joint, Construct New Staff Gage, New Overflow, Post Construction Leak Test, Install Corrosion Protection System</i>	\$1,814,961	\$1,487,991	-\$326,971
Interior Reservoir Stairs - DN Tanks			
<i>Design, Furnish, Install, New Interior Access Stairs</i>	\$170,400	\$172,800	\$2,400
Interior Coatings - DN Tanks (see note 1)			
<i>Prepare Surface, Apply Coatings to Interior Wall</i>	\$210,870	\$323,630	\$112,760
Aluminum Dome Roof - CST			
<i>Design, Furnish, Install, New Aluminum Roof and Appurtenances</i>	\$785,570	\$664,215	-\$121,355
Yard Piping Improvements - M-Rae			
<i>Demolish Exist Yard Piping, Fittings, Valves, and Appurtenances, Construct New Yard Piping, Construct New Valve Vault, Remove and Replace Drain Valve, Construct Yard Piping Corrosion Protection System</i>	\$651,569	\$615,268	-\$36,301
Electrical Improvements - M-Rae			
<i>Construct New Conduit, Junctions and Pull Boxes</i>	\$37,275	\$88,296	\$51,021
Stormwater Drainage and Final Site Work - M-Rae			
<i>Demolish Existing Asphalt, Rough Grade Site, Install Subsurface Waterproofing, Modify Underdrains, Construct New Storm Drain Inlet and Piping, Connect to Exist Manhole, Finish Grade, Construct Concrete V-gutter, Pave Site with Asphalt Concrete</i>	\$192,812	\$339,307	\$146,495
Additional AC Pavement			
<i>Access Road Asphalt Paving</i>	\$101,500		
Security Fence			
<i>Construct New Chain Link Security Fence</i>	\$72,953		
Exterior Reservoir Coating - DN Tanks			
<i>Pressure Wash, Apply Coatings to Reservoir Exterior</i>	\$58,575	\$59,281	\$706
General Conditions (see note 2)			
<i>Provide Trailer, Porta Potty, Reproduction, Temporary Facilities, Insurance, Bonds, Special Inspection and Testing, Potholing, Surveying, Video, Install and Maintain Stormwater Best Management Practices</i>	\$343,692	\$180,912	-\$162,780
Construction Total To Date	\$5,361,988	\$5,044,447	-\$317,541

¹ Actual bid cost shown does not include value engineering / cost saving options that are still being considered.

² Actual bid costs to date are for underlined items only.



STAFF REPORT

Agenda Item: 8

Board Meeting Date: May 13, 2020
Prepared By: Marlene Kelleher
Approved By: Brett Hodgkiss

SUBJECT: ANNUAL WATER RATE ADJUSTMENT

RECOMMENDATION: Discuss and provide staff direction regarding the implementation of the scheduled Annual Water Rate Adjustment.

PRIOR BOARD ACTION: At its October 18, 2017 meeting, the Board adopted Resolution No. 17-38 approving the renewal of the pass through of San Diego County Water Authority costs and annual inflationary adjustments and revising District Rules and Regulations relative to the approved renewal of the Rate Adjustment Policy.

FISCAL IMPACT: Implementation of the Annual Water Rate Adjustment will generate about \$592,000 of revenue in Fiscal Year 2021 to the District to offset higher costs of operating and maintaining its water system. The fiscal impact of forgoing or delaying implementation of the Annual Water Rate Adjustment will vary and require the District to reduce operating and/or capital expenditures or use reserves to make up some of or the entire shortfall. Additionally, forgoing or delaying implementation of the Annual Water Rate Adjustment will affect District revenues and expenditures (and potentially reserves) in Fiscal Year 2021 and every fiscal year thereafter until such time a rate adjustment is adopted that addresses the cumulative impact of the revenue shortfall.

SUMMARY: The Rate Adjustment Policy is comprised of two components:

Pass-Through of San Diego County Water Authority Fees and Charges

The San Diego County Water Authority (Authority) is the District's wholesale water supplier. The Board approved passing through 100% of any increase or decrease in the Authority's fees and charges imposed on the District for imported water purchases through October 18, 2022. The timing of these increases is dependent on the date the increases are passed through from the Authority to the District.

Inflationary Adjustments to Rates and Charges

Inflationary adjustments are calculated as an increase or decrease equal to the amount of the increase or decrease in the U.S. Department of Labor's Consumer Price Index – All Urban Consumers – San Diego, California for the previous calendar year ended. These adjustments were approved to be effective July 1 each year, commencing July 1, 2018 through July 1, 2022. This adjustment is only applied to District costs other than those charged the District by the San Diego County Water Authority.

At its April 15, 2020 meeting, the Board requested that an item be placed on the May 13, 2020 Board meeting agenda to discuss the timing of the pass-through of the inflationary adjustments to rates and charges in light of the financial impacts caused by the COVID-19 pandemic.

DETAILED REPORT: As a governmental district, and unlike a public utility, the District does not make a profit or have shareholders, and all revenues go back into the water system. Revenues derived from the water rate adjustment approved by the Board at its October 17, 2017 meeting do not exceed the cost of providing water service to customers, and the revenues are not utilized for any purpose other than financing the District's operating and capital needs.

Pursuant to District Rules and Regulations Section 4.4.3 (B), the District's service charge was scheduled to be adjusted for inflationary costs on July 1, 2020. A typical residential customer's total bi-monthly water bill would increase by \$3.02 or 1.55%; a typical residential customer has a 3/4" meter and uses 24 units of water in bi-monthly billing period.

Below is a table that shows the estimated financial impact to the District of delaying or forgoing the implementation of the Annual Water Rate Adjustment in Fiscal Year 2021 and for an additional five years:

Implementation	Shortfall Amount
Delay increase to August 1, 2020 ¹	\$49,300
Delay increase to October 1, 2020	\$148,000
Delay increase to January 1, 2021	\$296,000
Forgo increase in Fiscal Year 2021	\$592,000
Average annual impact of forgoing increase in Fiscal Year 2021 over the next five fiscal years ²	\$650,000

¹Earliest implementation after July 1 based on Proposition 218 noticing requirements.

²Includes projected historical 3 percent inflationary adjustment utilized in budgeting and projecting revenues and expenditures.

In the short-term, the District has sufficient reserves to absorb delaying or forgoing implementation of this increase; however, the cumulative impact of forgoing or delaying this increase on future fiscal year revenues may require the District to defer implementing capital projects until such time revenue is available to cover project costs (on a Pay-go or financing basis).

ATTACHMENT: Monthly Service Charge by Meter Size

MONTHLY SERVICE CHARGE

<u>Meter Size</u>	<u>Current</u>	<u>Effective July 1, 2020</u>
5/8"	\$31.06	\$32.20
3/4"	\$40.97	\$42.48
1"	\$60.54	\$62.77
1 1/2"	\$109.89	\$113.94
2"	\$168.89	\$175.12
3"	\$326.30	\$338.33
4"	\$503.27	\$521.82
6"	\$1,191.88	\$1,235.81
8"	\$1,585.55	\$1,643.99
10"	\$2,372.57	\$2,460.02



STAFF REPORT

Agenda Item: 9

Board Meeting Date:	May 13, 2020
Prepared By:	Frank Wolinski
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: BORDEN BENCH SLOPE FAILURE RESTORATION PROJECT

RECOMMENDATION: Authorize the General Manager to execute an agreement with Maely Construction, Inc. for the Borden Bench Slope Failure Restoration Project in an amount not to exceed \$101,813.18 and determine that the project is exempt from provisions of the California Environmental Quality Act and direct staff to file a Notice of Exemption with the County Clerk.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: Not to exceed \$101,813.18.

SUMMARY: Earlier this spring, seasonal rainstorms caused a slope failure along the Borden Bench section of the Vista Flume, above the Orchard Hills residential subdivision owned by Warmington Residential (Warmington). The slope failure threatens further erosion, and unless remediated, will pose a threat to adjacent construction for residential development. As the subdivision is currently under construction, there is a limited amount of time to access and restore the slope and flume road from the base of the hillside with remedial grading. Once finish grading of the Orchard Hills development is complete (projected for the end of May), the flume road will be the only means of access to repair the slope. Repairing the slope via the flume road would significantly increase costs and the amount of time to complete the project. To expedite repairs and prevent further slope failure, or a potential localized flume failure, staff recommends using Warmington's grading contractor, Maely Construction, Inc. (Maely), which is currently mobilized on the subdivision and has capacity to repair the slope.

DETAILED REPORT: On April 13, 2020, the District was notified by representatives from Warmington that a portion of the flume road and slope above their Orchard Hills residential subdivision had failed. After evaluating and securing the site, the District's on-call geotechnical engineering firm, Vinje & Middleton Engineering, Inc. (V&M), was contacted to assess the slope failure and recommend options for repair. Preliminary discussions with Warmington and V&M concluded that the District would be allowed access through the development and the slope and flume road could be reconstructed from the base using a fill-over-cut method with geogrid reinforcement.

On April 16, 2020, District staff met with V&M, Warmington and Maely onsite to discuss the feasibility and timing of the potential project. Their report was completed April 28, 2020, and this matter is being brought to the Board promptly, at its next regular meeting.

Based on the report and slope repair recommendations from V&M, Maely submitted a proposal to repair approximately 60 lineal feet of slope. Based on District staff's review of the bid and previous slope repair projects, Maely's proposal appears representative of the amount of work involved.

Staff and District Counsel have reviewed the CEQA status of this project, and recommend a finding that the project qualifies for statutory exemption under the California Environmental Quality Act (CEQA) as established in Article 18, Section 15269 Emergency Projects, subsection (b); this project consists of emergency repairs to publicly owned service facilities necessary to maintain service essential to public health, safety or welfare. Apart from the need for the slope repair, there are no unusual circumstances about the project location

or its surrounding setting that might generate significant environmental effects, and no cumulative impacts will result since the project is merely restoring the slope to its prior condition. Accordingly, the project qualifies for a Class 1 categorical exemption under CEQA as established in Article 19, Section 15301 Existing Facilities, subsection (b); this project consists of the operation, repair, maintenance of existing public structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use to provide public utility service. Additionally, the project qualifies for a Class 2 categorical exemption under CEQA as established in Article 19, Section 15302 Replacement or Reconstruction, subsection (c); this project consists of the replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.

ATTACHMENTS: Vicinity Map
Slope Failure Photographs
V&M Slope Failure Investigation and Repair Recommendations Report
Maely Construction, Inc. Proposal – Slope Failure Restoration
Notice of Exemption



TWIN OAKS SIPHON

CITY OF ESCONDIDO

SLIDE AREA

BEEHIVE SIPHON

ORCHARD HILLS

BORDEN BENCH

TIDE WAY

RICHLAND ROAD

CITY OF SAN MARCOS

BORDEN ROAD

WOODLAND PARKWAY







Vinje & Middleton Engineering, Inc.

**SLOPE FAILURE INVESTIGATION & REPAIR RECOMMENDATIONS
GRADED SLOPE ON WEST SIDE OF VISTA CANAL FLUME
STATION 578 & 60
SAN DIEGO COUNTY**

April 28, 2020

Prepared For:

**Vista Irrigation District
1391 Engineer Street
Vista, CA 92081**

Prepared By:

**VINJE & MIDDLETON ENGINEERING, INC.
2450 Auto Park Way
Escondido, California 92029**

Job #20-148-P

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**SLOPE FAILURE INVESTIGATION & REPAIR RECOMMENDATIONS
GRADED SLOPE ON WEST SIDE OF VISTA CANAL FLUME
STATION 578+60
SAN DIEGO COUNTY**

I. INTRODUCTION

As a result of recent seasonal rain storms, a local slope failure developed within a graded slope along the westerly side of the Vista Canal Flume, east of Richland Road in San Diego County. The site location is shown on a Vicinity Map attached as Plate 1. The slide feature impacts the graded slope that supports an access drive along the westerly side of the flume. The flume does not appear to be in imminent danger from the slope failure at this time.

We also understand that Vista Irrigation District (VID) desires to repair the local landslide feature and rebuild the failed embankment to its original configuration. Consequently, the purpose of this investigation was to establish the specific landslide characteristics at the impacted slope location, and determine geologic and soil conditions of the slide affected areas so repair and reconstruction recommendations can be provided. Field mapping, soil sampling, and laboratory testing were conducted as part of this effort.

II. SITE DESCRIPTION

General site topographic conditions at the impacted slope and surrounding areas are shown on a Site Schematic attached as Plate 2. The Site Schematic is based on the San Diego County Topographic Survey Map #362-1725 (1975 Edition) and field measurements.

Details pertaining to the construction of the impacted fill embankment is unknown. However, we understand that the flume was originally constructed in 1925 with subsequent upgrades. The impacted area was created by conventional cut-fill grading in which higher areas to the east were cut down and fill placed over the lower westerly areas. Due to steeply sloping natural terrain, the variable fill embankment was largely constructed at oversteepened gradients that locally are steeper than 1.5:1. As shown on Plate 2, the landslide is limited to an approximate 25-foot high fill section that was constructed at gradients on the order of 35° (1.4:1).

The landslide feature is defined by a 6-foot high near vertical head scarp and soil slump debris that presently occupy the lower portion of the slide area that tapers to a flowline approximately 8 feet beyond the toe of slope. The surrounding slope faces support a modest to dense growth of native plants.

III. SITE INVESTIGATION

Due to accessibility difficulties and site terrain, the landslide physical characteristics and limits were determined by mapping of the scarp feature and ground surface exposures. A representative sample of onsite soils was also collected from the slide feature, as well as several chunk samples from undisturbed exposures for in-place density determination.

The indicated landslide configuration and its approximate limits is shown on Plate 2. Laboratory test data and engineering properties of the selected sample is summarized in a following section.

IV. FINDINGS

The slope failure is a translational type landslide that occurred along a single failure plane, and is a localized phenomenon. The landslide mobilized when surficial soils became saturated by heavy rain storms and weight of the soil, along with low shear strength, overcame the frictional resisting forces. The slope failure appears to be confined to the fill deposits placed over natural sloping terrain. A Geologic Cross-Section through the slide based on field observations is enclosed as Plate 3. The following geotechnical conditions are indicated:

A. Earth Materials/Geologic Environment

The landslide is a surficial feature that is underlain by unaffected fill and natural soil deposits. The unaffected deposits are characterized by dark-colored, fine to medium grained sand that was found in loose to locally tight conditions. Beneath the soil deposits crystalline bedrock occurs. A Geologic Map showing the project site and surrounding areas is included as Plate 4. The bedrock consists of fine to coarse grained gabbroic rocks that typically perform well in natural and graded slope conditions. Natural sloping terrain and graded cut embankments at, and nearby the project slope failure are performing well with no evidence of slope instability.

B. Groundwater and Surface Drainage

Subsurface water was not noted, nor is it considered to be a factor in the current slope failure. However, the control of surface run-off and storm water are critical in the future stability of the reconstructed slope.

C. Field and Laboratory Tests and Test Results

Earth deposits at the slope failure site were closely examined and sampled for laboratory testing. Based on field exposures site soils have been grouped into the following soil type:

TABLE 1

Soil Type	Description
1	Brown / red brown fine to medium sand - Landslide Debris (Qls) / Fill (af) / Topsoil

The following tests were conducted in support of this investigation:

- 1. Maximum Dry Density and Optimum Moisture Content:** The maximum dry density and optimum moisture content of Soil Type 1 was determined in accordance with ASTM D-1557. The result is presented in Table 2.

TABLE 2

Soil Type	Maximum Dry Density (Y _m -pcf)	Optimum Moisture Content (ω _{opt} -%)
1	129.5	10.5

- 2. Moisture-Density Tests (Undisturbed Chunk Samples):** In-place dry density and moisture content of representative undisturbed soil deposits were determined from relatively undisturbed chunk samples using the water displacement test method. Results are presented in Table 3 below.

TABLE 3

Sample Location	Soil Type	Field Moisture Content (ω-%)	Field Dry Density (Y _d -pcf)	Max. Dry Density (Y _m -pcf)	In-Place Relative Compaction	Degree of Saturation S (%)
Toe of Slope	1	10	102.9	129.5	80	40
+10' From Toe of Slope	1	11	104.8	129.5	81	46
+15' From Toe of Slope	1	11	106.0	129.5	82	47

Assumptions and relationships:
 In-place Relative Compaction = (Y_d ÷ Y_m) X100
 G_s = 2.75
 e = (G_s Y_ω ÷ Y_d) - 1
 S = (ω G_s) ÷ e

V. CONCLUSIONS

Based on the forgoing investigation, remedial grading procedures can successfully be utilized to reconstruct the affected slope areas and stabilize the landslide feature. The following geotechnical conditions are unique to the local slope area impacted by the landslide, and will most influence remedial grading and reconstruction procedures, and associated repair costs:

1. The landslide is a local feature that is underlain by unaffected fills and natural deposits that range from loose to tight sandy soils. The slope failure resulted from heavy seasonal rain storms saturating near surface soils, lowering their shear strength until the driving forces (weight of soil and gravity) overcame the resisting forces (cohesiveness and friction). The affected slope area mobilized downslope along a single inclined failure plane at a shallow contact. Steep (1½:1 gradients or steeper) slopes are typically more prone to this type of failure.
2. Stable conditions within the affected slope section can be achieved by reconstruction of the failed portion of the graded embankment as a reinforced graded stabilization fill. A new keyway should be established for at the base of reconstructed slope section. The base keyway should extend into firm/dense bedrock or natural material as directed in the field.

As discussed in an onsite meeting (April 16, 2020), the landside repairs should extend beyond the limits of affected areas. Generally, the repair should extend at least 5 feet southward beyond the failure. Northward, the repair limits should generally extend 40 feet (as shown on Plate 2). Final repair limits to the north should be defined by VID.

3. Slope repairs and reconstruction efforts should consider factors such as slide depth (required removal depth and earthwork quantities), equipment access, and appropriate staging and soil stockpiling areas.
4. The slide repair areas should be cleared of vegetation prior to repair grading work. The finish slope should be protected and replanted. The recommended slide repairs should reconstruct the affected portion of the slope (and added areas to the north) to its original gradients (generally 1.4:1 to 1.75:1) and neatly rounded to the surrounding terrain.
5. Project earth deposits are predominantly good quality sandy soils (SM/SW) with rocks. Removed soils may be reused provided larger rocks (6"+) are taken out and wet to locally saturated soils are dried to acceptable limits.

6. Temporary backcut slopes required to completed the slide repair and stabilization should not impact the nearby flume structure.

VI. RECOMMENDATIONS

The local translational-type landslide feature impacting the over-steepened graded embankment, in our opinion, can be effectively repaired using conventional remedial grading techniques. Conditions of overall stability within the slope repair areas should also be additionally enhanced by providing slope reinforcement geogrid.

Remedial slope reconstruction techniques recommended herein are thought to represent the most cost effective method of reestablishing original slope configuration and improve conditions of local stability within the impacted areas. Other methods for local slope reconstruction and repairs may also be available. However, any other option(s) considered should be reviewed and approved by the project geotechnical consultant to assure its compatibility of the site geotechnical conditions.

Recommended slope repairs and reconstruction procedures are graphically shown on a Typical Slope Reconstruction Details plate attached with this report as Plate 5. All excavations, grading, earthwork, and ground preparation should be completed in accordance with Chapter 18 (Soils and Foundations) and Appendix "J" (Grading) of the 2019 California Building Code (CBC), the Standard Specifications for Public Works Construction, County of San Diego Grading Ordinances, the requirements of the governing agencies and following sections, wherever appropriate and as applicable.

Please note that drawings, details and cross-sections provided in this report are not surveyed or civil engineering maps, and have been prepared based on visual observations and approximate field measurements taken at the site for the purpose of geotechnical presentation only. The enclosed maps, drawings, and cross-sections may be used for informal and approximate estimate of earthwork quantities and repair grading involved. Detailed civil drawings and surveyed maps prepared by the project civil engineer should be considered for determination of actual earth quantities and grading work associated with the recommended repairs and reconstruction operation, and related costs.

1. **Locate, Remove and Redirect Existing Underground Utilities:** All existing underground utilities, sewer lines, storm drain pipes, conduits, vaults, tanks, structures and improvements within the project slope repair areas should be thoroughly potholed and carefully located prior to initiation of the actual work.
2. **Clearing and Grubbing:** All surface vegetation, plants, roots, deleterious material, and debris should be removed from the slope face within the repair areas.

Site preparation should be inspected and approved by the project geotechnical engineer or his designated field representative prior to the actual grading work.

- 3. Slide Debris and Failed Soil Removals:** Landslide debris and loose soil within the recommended repair areas should be removed and reconstructed to original grades using remedial grading techniques. Landslide slope repairs should extend a minimum of 5 feet beyond the southern failure configuration. The north limits should be determined by VID, but is initially expected to be extend approximately 40 to the north. The removal operations should effectively remove all slide affected areas and expose unaffected deposits throughout, as approved in the field by the project geotechnical consultant. Limits of removals may be revised by the project geotechnical engineer or VID based on the actual exposures in the field, and should be anticipated.
- 4. Temporary Construction Slope, Staging and Stockpiling:** Temporary backcut slopes developed during slide debris removals should expose unaffected deposits constructed at 1:1 gradients maximum. Special observation of temporary slopes will be required during the excavations. Additional recommendations, including revised flatter slope gradients should be given at that time based on actual conditions and should also be anticipated.

Soil stockpile should not be allowed at the top of temporary excavation or any place over the existing embankment surfaces above, unless otherwise approved. Areas of concentrated overburden or surcharge pressures affecting site slopes during the repair construction should be avoided.

Undermining and/or damages to the existing flume structure should be avoided. Face of temporary slopes should be protected from excessive runoff. Slope reconstruction should be also completed in a timely manner minimizing unsupported slope conditions for prolonged period of time. The project contractor shall also obtain appropriate permits, as needed, and conform to the CAL-OSHA and local governing agencies requirements for open excavations and safety of the workmen during construction.

- 5. Base Keyway:** A lower keyway should be constructed at the toe of the slope as depicted on the enclosed Plate 5. The keyway should be a minimum of 8 feet wide and expose bedrock or dense and competent natural material as approved in the field by the project geotechnical consultant. Locally deeper base keyway excavations may be necessary based on actual exposures. Temporary slopes associated with the keyway excavations should also be constructed at 1:1 gradient maximum, unless otherwise approved or directed in the field.

- 6. Earth Materials and Import Soils:** Onsite soils predominantly consist of sandy (SM/SW) soils. Site soils are also in very moist to locally saturated requiring adequate spreading, aerating and re-mixing efforts in order to suitably condition and achieve near optimum moisture levels. All rocks larger than 6" in diameter should be removed from the fill mix.

Imported soil will be required to complete the slope reconstruction. Import soils should be good quality sandy granular deposits inspected and tested as necessary by the project geotechnical consultant. All earth materials shall be approved by the project geotechnical consultant prior to their reuse as site new fills.

- 7. Graded Embankment Reconstruction:** The project graded embankment should be reconstructed to its original grade by backfilling into the keyway excavation by placing fills in thin, horizontal lifts upon level benches that expose approved unaffected deposits. Provide slope reinforcement consisting of Tensar UX-1400 (or approved equal) at the 3-foot vertical increments to the top of the reconstructed slope. UX-1400 slope reinforcement Geogrid should be placed 1 foot from the finish slope face extending to the backside of the excavated benches.

Site fills and backfill soils should be clean deposits free of roots, stumps, vegetation, deleterious matter, trash, debris and unsuitable materials as approved in the field by the project geotechnical consultant. Fill soils should be adequately processed, properly mixed, moisture conditioned to approximately 2%-3% above optimum levels as directed in the field, manufactured into a uniform mixture, placed in thin (6 inches maximum) lifts and mechanically compacted to a minimum of 90% from the bottom of the keyway extending upward until 10 feet from the top of slope. The upper 10 feet of the slope reconstruction fill should be mechanically compacted to a minimum of 95% of the laboratory maximum dry density value in accordance with ASTM D-1557.

The reconstructed fill slope should be compacted out to the slope face. Field density tests should be performed to confirm adequate compaction levels within the slope face.

The reconstructed portion of the slope should be neatly rounded into the surrounding areas.

- 8. Surface Drainage:** Controlling surface water is an important factor in the overall stability of the graded embankments. Site drainage over the finish graded surfaces should not be allowed to percolate into the soils and should be collected and directed in a controlled manner. Saturation of the slope face causing surficial slumping of fill embankment surfaces should also not be permitted.

Irrigation waters (if used) should not be allowed to pond or saturate graded embankment surfaces. Temporary erosion control facilities and silt fences should be installed during the construction phase periods and until landscaping is fully established as indicated and specified on the approved plans.
- 9. Planting:** The finish slope face should be protected and planted soon after completion of repair grading. Uncovered slope faces will be subject to excessive erosion and should not be permitted. A qualified landscape architect may be consulted in this regard.
- 10. Designs and Final Repair Plans:** A civil engineer may be consulted to prepare accurate maps and reconstruction plans for the planned slope repairs based on the geotechnical factors and recommendations presented herein. Accurate maps and repair plans will also help contractors to provide more accurate estimates of the slope repair construction costs.
- 11. Geotechnical Engineering Observation:** Special geotechnical engineering observation and approval will be required for the slope reconstruction and landslide repairs. All site excavations and grading operations should be continuously observed by the project geotechnical consultant. Testing of fill will also assist the contractor to achieve proper moisture and compaction levels. Particular attention should be given to landslide removal operations and temporary backcut slope construction, base keyway construction, and installation of earth reinforcement geogrid. A final compaction and repair engineering observation report which details grading procedures should then be prepared at the completion of the work by the project geotechnical engineer.
- 12. Staking and Grading Control:** Adequate staking and grading control are critical factors in properly completing the recommended remedial grading operations. Grading control and staking should be provided by the project grading contractor or surveyor/civil engineer, and is beyond the geotechnical engineering services. Inadequate staking and/or lack of grading control may result in unnecessary additional grading which will increase construction costs.

- 13. Preconstruction Meeting:** A preconstruction meeting between the representatives of this office, the property owner(s) or his representative as well as the project civil engineer and grading contractor, is recommended in order to discuss landslide repairs and slope reconstruction grading details and earthwork operations.

VII. LIMITATIONS

The conclusions and recommendations provided herein have been based on available data obtained from the review of pertinent reports and plans, surface mapping as well as our experience with the soils and formational materials located in the general area. The materials encountered at the project site and utilized in our laboratory testing are believed representative of the total area; however, earth materials may vary in characteristics between locations.

Of necessity, we must assume a certain degree of continuity between exploratory excavations and/or natural exposures. It is necessary, therefore, that all observations, conclusions, and recommendations be verified during the grading operation. In the event discrepancies are noted, we should be contacted immediately so that an inspection can be made and additional recommendations issued if required.

The recommendations made in this report are applicable to the site at the time this report was prepared. It is the responsibility of the owner/developer to ensure that these recommendations are carried out in the field.

It is almost impossible to predict with certainty the future performance of a property. The future behavior of the site is also dependent on numerous unpredictable variables, such as earthquakes, rainfall, and on-site drainage patterns.

The firm of VINJE & MIDDLETON ENGINEERING, INC., shall not be held responsible for changes to the physical conditions of the property such as addition of fill soils, added cut slopes, or changing drainage patterns which occur without our inspection or control.

This report should be considered valid for a period of one year and is subject to review by our firm following that time. If significant modifications are made to your tentative reconstruction plan, especially with respect to the height and location of cut and fill slopes, this report must be presented to us for review and possible revision.

This report is issued with the understanding that the owner or his representative is responsible for ensuring that the information and recommendations are provided to the project architect/structural engineer so that they can be incorporated into the plans. Necessary steps shall be taken to ensure that the project general contractor and subcontractors carry out such recommendations during construction.

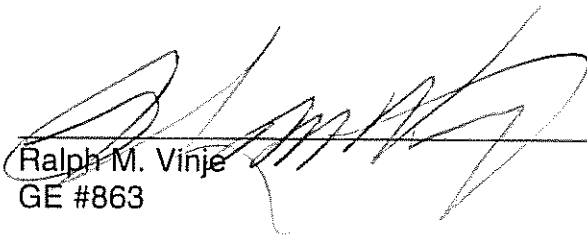
The project geotechnical engineer should be provided the opportunity for a general review of the project final design plans and specifications in order to ensure that the recommendations provided in this report are properly interpreted and implemented. If the project geotechnical engineer is not provided the opportunity of making these reviews, he can assume no responsibility for misinterpretation of his recommendations.

Vinje & Middleton Engineering, Inc., warrants that this report has been prepared within the limits prescribed by our client with the usual thoroughness and competence of the engineering profession. No other warranty or representation, either expressed or implied, is included or intended.

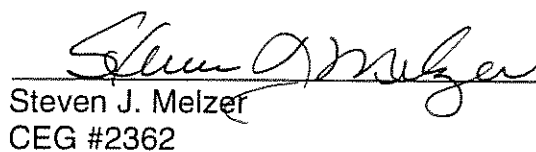
Once again, should any questions arise concerning this report, please do not hesitate to contact this office. Reference to our **Job #20-148-P** will help to expedite our response to your inquiries.

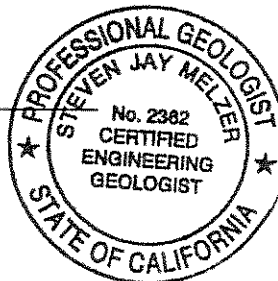
We appreciate this opportunity to be of service to you.

VINJE & MIDDLETON ENGINEERING, INC.


Ralph M. Vinje
GE #863




Steven J. Melzer
CEG #2362

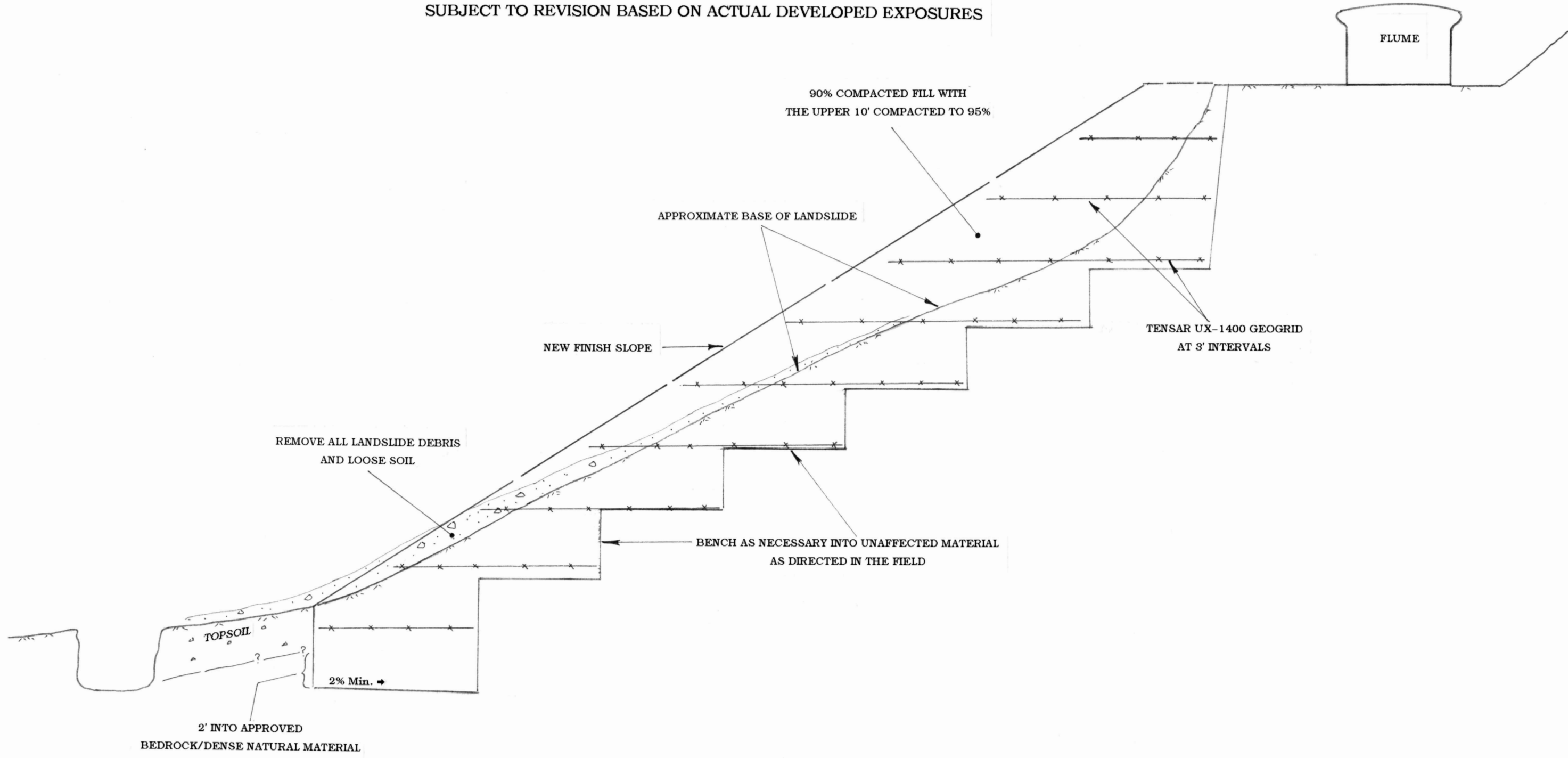


REFERENCES

- Annual Book of ASTM Standards, Section 4 - Construction, Volume 04.08: Soil and Rock (I); D420 - D5876, 2016.
- Annual Book of ASTM Standards, Section 4 - Construction, Volume 04.09: Soil and Rock (II); D5877 - Latest, 2016.
- California Building Code (CBC), California Code of Regulations Title 24, Part 2, Volumes 1 & 2, 2016, International Code Council.
- "The Green Book" Standard Specifications For Public Works Construction, Public Works Standards, Inc., BNi Building News, 2015 Edition.
- California Geological Survey, 2008 (Revised), Guidelines for Evaluating and Mitigating Seismic Hazards in California, Special Publication 117A, 108p.
- California Department of Conservation, Division of Mines and Geology (California Geological Survey), 1986 (revised), Guidelines for Preparing Engineering Geology Reports: DMG Note 44.
- California Department of Conservation, Division of Mines and Geology (California Geological Survey), 1986 (revised), Guidelines to Geologic and Seismic Reports: DMG Note 42.
- "Recommended Procedures For Implementation of DMG Special Publication 117 Guidelines For Analyzing and Mitigation Liquefaction In California," Southern California Earthquake center; USC, March 1999.
- "Introduction to Geotechnical Engineering, Robert D. Holtz, William D. Kovacs.
- "Introductory Soil Mechanics and Foundations: Geotechnical Engineering," George F. Sowers, Fourth Edition.
- "An Engineering Manual For Slope Stability Studies," J.M. Duncan, A.L. Buchignani and Marius De Wet, Virginia Polytechnic Institute and State University, March 1987.

TYPICAL SLOPE RECONSTRUCTION DETAILS

SUBJECT TO REVISION BASED ON ACTUAL DEVELOPED EXPOSURES



*APPROX. SCALE: 1" = 5'

*SCALE IS BASED ON AVAILABLE TOPOGRAPHIC MAPS AND FIELD MEASUREMENTS

Maely Construction, Inc.

License No. 985128

Grading & Excavating Contractor

PO Box 634, Wrightwood, CA 92397 * Office 760.249.4412 * Fax 866.434.8052 * Field 909.289.9627 * Email karen@maelyinc.com

GRADING PROPOSAL

To: Vista Irrigation District	Contact: Frank Wolinski
Address: 1391 Engineer Street Vista, CA 92081	Phone: 760-801-0015 Fax: Email: fwolinski@vidwater.org
Project Name: Slope Failure Vista Canal Flume Sta. 578 & 60	Bid Number: 20-19
Project Location: San Marcos	Bid Date: 4/30/2020
Addendum #:	

WORK TO BE PERFORMED

ITEM #	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	NOTES
1	Mobilization	1	LS	\$4,200.00	\$4,200.00	
2	Clear and Grub Work Area	1	LS	\$7,951.97	\$7,951.97	
3	Rebuild Slope (Keyway,Benches,Geogrid, All Labor and Material Needed) Per Soils	1	LS	\$49,958.26	\$49,958.26	
4	Import Fill Material	1	LS	\$17,544.00	\$17,544.00	
5	Build Ramp and Crossing Over Concrete Ditch and Removal (Access For Work)	1	LS	\$6,883.95	\$6,883.95	
6	Bond	1	LS	\$2,900.00	\$2,900.00	
TOTAL PRICE					\$89,438.18	
Alternate Erosion Control						
7	Erosion Control(Hydro Spray WFM 2000# 5# Earthbound Non Irrigated Mix, Coconut Blanket, Fiber Roll) This is what Warrington Homes Would Like to See	1	LS	\$12,375.00	\$12,375.00	

CONSTRUCTION NOTES

Sub-Contractor will not be responsible for loss of any kind due to acts of God.

This proposal is based on one move in only.

Proposal based on plans, specs, geo-technical report. Extra cost may be incurred as a result of erroneous plans.

Anything not listed in this proposal is not included.

Excludes all permits, fees, bonds, engineering, testing, surveying, environments or soils testing, handling of hazardous, contaminated, toxic, unsuitable materials, petro-mat, cold planning.

<p>ACCEPTED: The above prices, specifications and conditions are satisfactory and hereby accepted.</p> <p>Accepted By: _____</p> <p>Company: _____</p> <p>Title: _____</p> <p>Date: _____</p>	<p>CONFIRMED: Maely Construction, Inc.</p> <p>Authorized Signature: _____</p> <p style="text-align: right;">Mike Maely, President</p> <p>Date: _____</p>
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NOTICE OF EXEMPTION

To: County Clerk of San Diego
1600 Pacific Highway, Room 260
P.O. Box 121750
San Diego, CA 92112-1750

From: Vista Irrigation District
1391 Engineer Street
Vista, CA 92081-8836

Project Title: Borden Bench Slope Failure Restoration Project

Project Location - Specific: The project is located in a small unincorporated area of the County of San Diego, in between the northwestern boundary of the City of Escondido and the northeastern boundary of the City of San Marcos. The project area is west of Interstate 15, north of Borden Road, and approximately 1,500 feet southeast along the Flume from where the Flume alignment intersects Richland Road.

Project Location - City: Escondido/San Marcos **Project Location - County:** San Diego

Description of Project: Vista Irrigation District (District) owns and operates the Vista Flume and Siphon system, which is a 95-year old potable water transmission facility that conveys treated drinking water from the Escondido/Vista Water Filtration Plant (EVWFP) to the District's service area. The flume and siphon system is a combination of gravity and pressurized facilities which extend for a distance of 11.25 miles from the EVWFP to the Pechstein Reservoir within 30 to 50 foot wide District right-of-ways typically located along remote and steep hillsides.

The project is located along the Borden Bench section of the flume and will repair a slope failure and access road damage caused from recent storm events. The project area is approximately 60 feet wide by 60 feet long, and immediate repairs are required to restore the access road and prevent further slope failure or a localized flume failure. Improvements will include reconstructing the embankment to its original grade by removing the slide debris and failed soil, excavating keyways into competent native material, backfilling imported soil with geogrid in compacted horizontal lifts, and applying hydro-seed spray and coconut blankets for erosion control.

Name of Public Agency Approving Project: Vista Irrigation District, 1391 Engineer Street, Vista, CA 92081-8836

Name of Person or Agency Carrying Out Project: Vista Irrigation District

Exempt Status (check one)

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Class 1, Section 15301 (b), Class 2 15302 (c),
- Statutory Exemptions. State code number: _____

Reasons why project is exempt: The proposed project is exempt from CEQA based on its conformity with Section 15269 (b) of the CEQA Guidelines. This exemption is for repairs to emergency damage to a publicly owned service facility necessary to maintain service essential to the public health, safety or welfare. Furthermore, the proposed project is exempt from CEQA based on its conformity with Section 15301 (b) of the CEQA Guidelines. This project consists of the operation, repair, maintenance of existing public structures, facilities, mechanical equipment, or

topographical features, involving negligible or no expansion of use to provide public utility service. In addition, the proposed project is exempt from CEQA based on its conformity with Section 15302 (c) of the CEQA Guidelines. This project consists of the replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.

Lead Agency Contact Person: Frank Wolinski **Telephone/Extension:** (760) 597-3153

The General Manager Director of Engineering X Board of Directors approved the above described project on May 13, 2020, and found that the project is exempt from the provisions of the California Environmental Quality Act, as amended.

If filed by applicant: N/A

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? X Yes No

Submission of this form is optional. Local agencies may file this form with the County Clerk pursuant to Public Resources Code Section 21152(b). The filing of the notice starts a 35-day statute of limitations on court challenges to the approval of the project under Public Resources Code Section 21167(d). Failure to file the notice results in the statute of limitations being extended to 180 days.

Signature: _____ **Date:** _____ **Title:** _____



STAFF REPORT

Agenda Item: 10

Board Meeting Date:	May 13, 2020
Prepared By:	Don Smith
Reviewed By:	Randy Whitmann
Approved By:	Brett Hodgkiss

SUBJECT: WARNER RANCH DITCH REPAIR PROJECT

RECOMMENDATION: Approve the Warner Ranch Ditch Repair Project (Project); determine that the Project is exempt from the provisions of the California Environmental Quality Act (CEQA) and direct Staff to file the Notice of Exemption (NOE) with the County Clerk; and authorize staff to negotiate a construction contract with Cass Arrieta and a professional services agreement with Helix Environmental Planning, Inc. for environmental monitoring during construction.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: Construction costs are estimated to range from \$1.5 to \$2.1 million. Costs for environmental monitoring during construction are estimated at \$100,000. Per the terms of the 2017 Local Entities' Agreement, 35.2 percent of the Project costs (approximately \$563,000 to \$775,000) will be reimbursed by the City of Escondido (Escondido).

SUMMARY: Due to weather related damage sustained in 2019, 3,900 feet of concrete lined ditch used to convey pumped groundwater to Lake Henshaw is currently unusable (Western Ditch). An additional 700 feet of ditch is also in need of significant repairs (Eastern Ditch). The Project consists of placing 4,600 feet of 24- and 36-inch reinforced concrete pipe (RCP) within the existing lined ditch and backfilling the ditch with crushed rock, capped with sand-cement slurry.

A major consideration affecting the Project approach and execution is the avoidance of impacts to the federally listed Stephens' kangaroo rat (SKR) which occupies the lands adjacent to the Project. With assistance from Helix Environmental, the District has undertaken a series of meetings with staff from the United States Fish and Wildlife Service (USFWS) to discuss the Project and develop measures to avoid impacts to SKR (see attached Stephens' Kangaroo Rat Avoidance and Minimization Measures). These measures require careful coordination between an SKR biological monitor and the construction team to avoid impacts to SKR.

District staff believe that the best approach to deliver the Project in a timely, cost effective manner is to enter into a construction contract with Cass Arrieta on a time and materials basis (with an upper cost limit) with significant oversight by and coordination with the District. In order to assure that the District receives appropriate value under this arrangement, the contractor will provide a detailed schedule of values, an independent consultant will review the schedule of values for market competitiveness, construction progress will be monitored and compared to the contractor's estimate, and adjustments made as appropriate.

If this approach is adopted by the Board, the final agreements for construction and SKR monitoring will be brought back to the Board for approval in June.

DETAILED REPORT:

Project Need

The District relies on a combination of purchased and local water for its water supply. On average, local water comprises about 20 percent of the District's supply. Local water, in turn, is produced from a combination of surface water runoff captured by the local water system and groundwater pumped from the Warner Valley groundwater basin into Lake Henshaw for subsequent release through the local water system for treatment at the Escondido-Vista

Water Treatment Plant. The District and Escondido are required to supply a quantity of local water to the Rincon Band of Mission Indians (the Rincon Entitlement) per the terms of the San Luis Rey Indian Water Rights Implementing Agreement (Implementing Agreement). The remainder of the local water is typically shared equally between the District and Escondido.

In years with little surface water runoff, the supply of local water is heavily dependent on groundwater pumping. The Warner Ranch ditch system carries pumped groundwater from the wellfield to Lake Henshaw. The damage to the ditch system, which occurred in 2019, has rendered groundwater produced by the wellfield substantially unavailable. The Warner Ranch Ditch Repair Project is needed to restore the integrity of the publicly owned facilities critical for local water supply for use by the District and Escondido and to meet contractual obligations set forth in the Implementing Agreement.

Project Design and Schedule

The current concept of laying RCP pipe within the existing concrete lined ditch was selected as the most feasible approach to restoring groundwater production while simultaneously avoiding impacts to SKR. The approaches of constructing a new slip-formed lined ditch and replacing the ditch with a conventionally buried pipeline were also considered; however, both approaches involved significant ground disturbance and were rejected primarily due to the extended period required for consultation with resource agencies for the protection of SKR and to avoid likely mitigation requirements. The current approach, in conjunction with appropriate SKR avoidance and minimization measures, allows the Project to proceed without delay.

The materials for the project (RCP pipe, crushed rock, reinforced cast-in-place junction, transition, and cleanout structures, and sand/cement slurry) are all readily available; however, transportation to the Warner Ranch will increase Project costs. The rate of production will be limited primarily by work methods required to avoid SKR impacts. Cass Arrieta estimates the project will require about 4 months to complete after notice to proceed has been issued.

While the capacity of a 36-inch pipeline (about 53 cubic feet per second, or cfs) is less than the open trapezoidal ditch it will replace (with a capacity of about 95 cfs), the capacity of the current ditch system is limited by the existing siphons, which have a capacity of 50 to 60 cfs. The highest historical wellfield production occurred shortly after the wellfield was first constructed in 1953 with monthly production rates of about 32 cfs; the peak wellfield production in the last 20 years has been 22 cfs. The District's Warner Basin Groundwater Modeling Report prepared in 2018 suggested an upper limit of sustainable groundwater yield of 9,125 acre-feet per year and floated the concept that evaporative losses in Henshaw could be reduced if this yield could be extracted during the months of delivery. Assuming the sustainable yield were pumped during a four-month delivery period, this corresponds to a 38 cfs pumping rate. Hence, the 36-inch pipe appears adequately sized for the sustainable yield of the groundwater basin. It also results in no additional expansion of the former use, nor any expansion of capacity, both of which are conditions to the CEQA exemptions under Title 14 California Code of Regulations sections 15301 and 15302.

SKR Avoidance and Contracting Method

In order to avoid impacts to SKR, the District will retain a qualified SKR biologist to provide full-time monitoring and advise the contractor on construction methods. Placement of construction material and reinforced, cast-in-place structures, along with day-to-day project operations, requires extensive coordination and cooperation between the contractor and biologist. This factor introduces a level of uncertainty that makes the Project very challenging for a contractor to bid with a traditional fixed cost contract. The District has been advised by independent consultants that a carefully controlled time and materials contract is desirable on projects such as this to appropriately apportion risk and provide opportunities for value engineering.

In order to better understand SKR impacts to construction methods and further refine the Project approach, District staff met at the Project site with representatives of Cass Arrieta. After subsequent discussions between the District, Helix Environmental and Cass Arrieta, Cass Arrieta provided a conservative budgetary cost estimate to perform the work in conformance with the SKR Avoidance and Minimization Measures.

If authorized by the Board, District staff will negotiate a construction contract with Cass Arrieta with a comprehensive bid schedule. The District will retain an independent engineering consultant to review bid schedule costs to assure market competitiveness. The final contract will be brought back to the Board for review and approval; during construction, staff will monitor and report construction progress to the Board on a monthly basis.

CEQA Analysis

Staff is recommending a finding that the Project is exempt from the provisions of CEQA under three separate CEQA provisions: 1) as an emergency project under Section 15269 (b) of the CEQA Guidelines; 2) as the repair of existing public facilities involving no expansion of use under Section 15301 (b) of the CEQA Guidelines; and 3) as the replacement of an existing facility involving no expansion of capacity under 15302 (c) of the CEQA Guidelines. As to the exemption under Section 15269, this project is being undertaken in response to emergency conditions resulting in the need to repair publicly owned facilities critical to water supplies necessary to public health, safety, and welfare. While the incident giving rise to the need for repairs occurred in the last calendar year, a series of advance planning efforts with USFWS and the district's consultants on biological issues was required, and pursued diligently to the point of the actions now presented for board approval. Further support for the exemptions under Sections 15301 and 15302 appears in the May 5, 2020 Helix memo attached as Exhibit A. The project includes full-time monitoring by a qualified biologist and design features and requirements for construction that will avoid significant impacts to environmental or cultural resources of critical concern. No cumulative impacts will result from the Project, since it is simply replacing existing damaged facilities, and results in no expansion of use or capacity. The proposed Notice of Exemption and exhibits are attached.

ATTACHMENTS:

Project Location and Vicinity Map

Project Detail Map

Typical Cross Sections

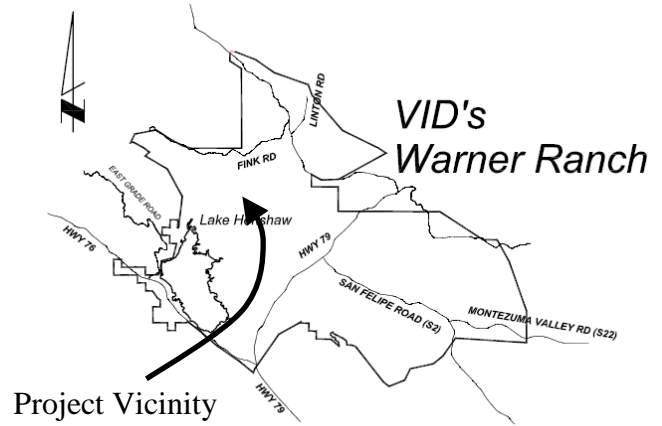
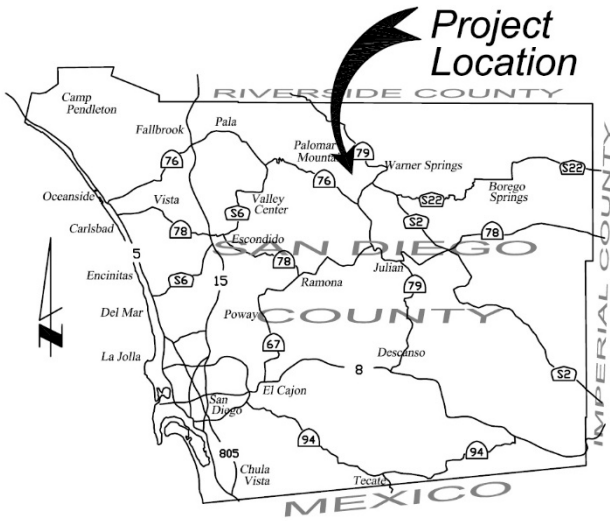
Notice of Exemption

Exhibit A: Helix Memo Dated May 5, 2020

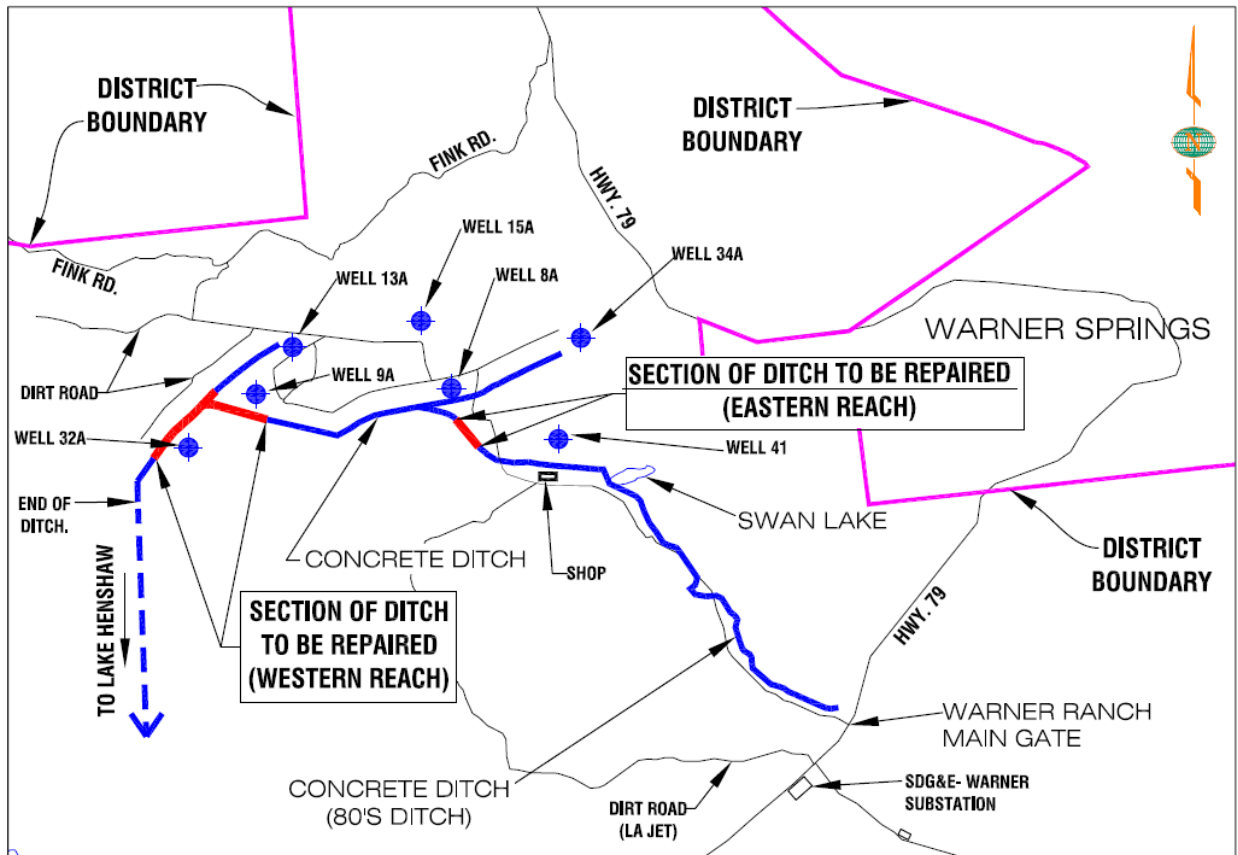
Attachment A: Stephens' Kangaroo Rat Avoidance and Minimization Measures

Warner Ranch Ditch Repair Project

Project Location and Vicinity



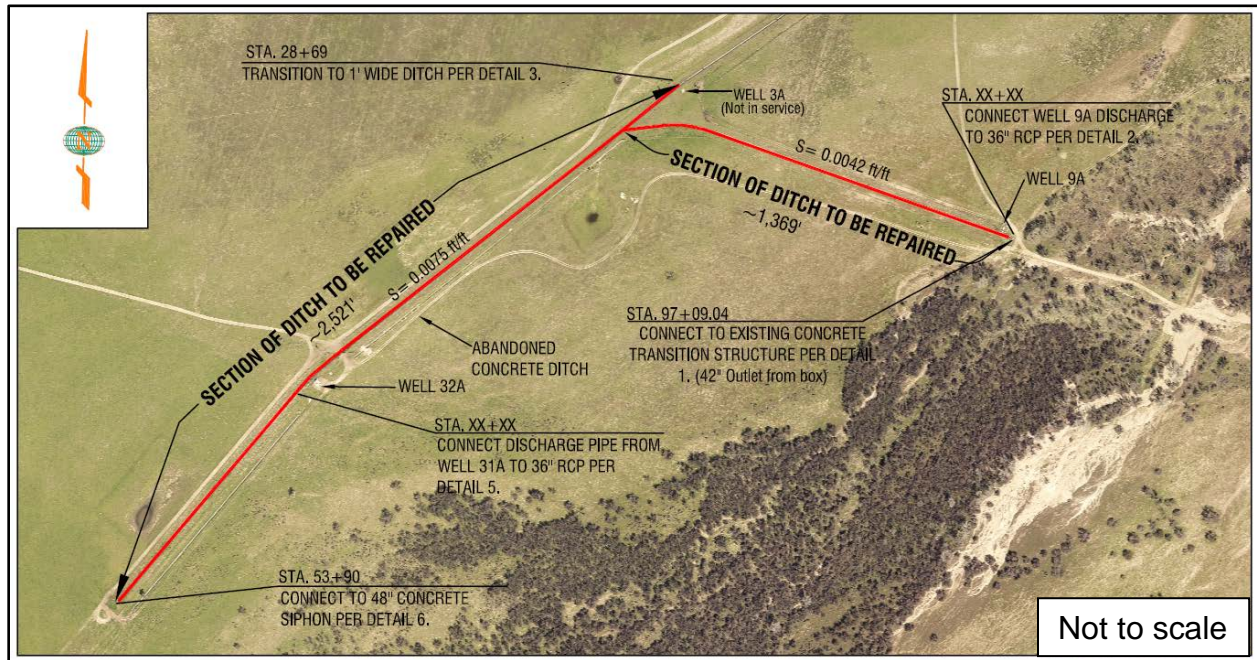
Project Orientation



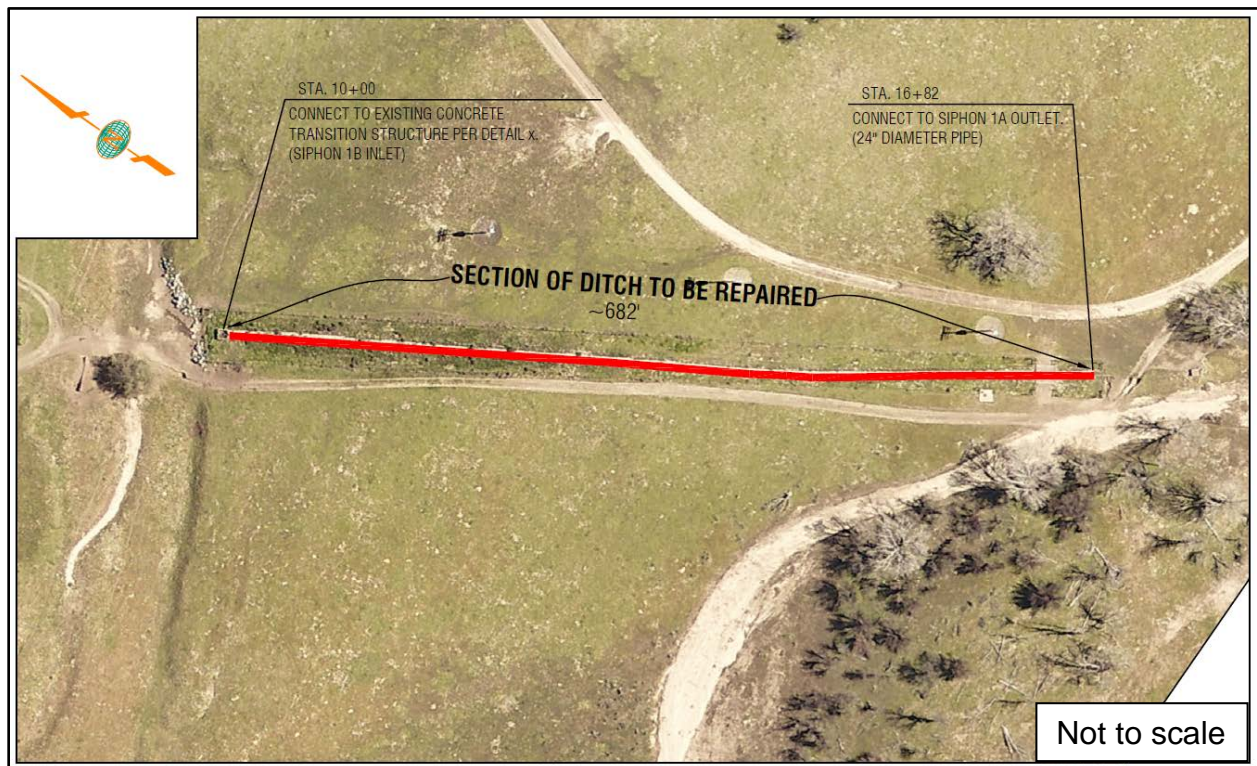
Warner Ranch Ditch Repair Project

Project Detail Maps

Western Reach

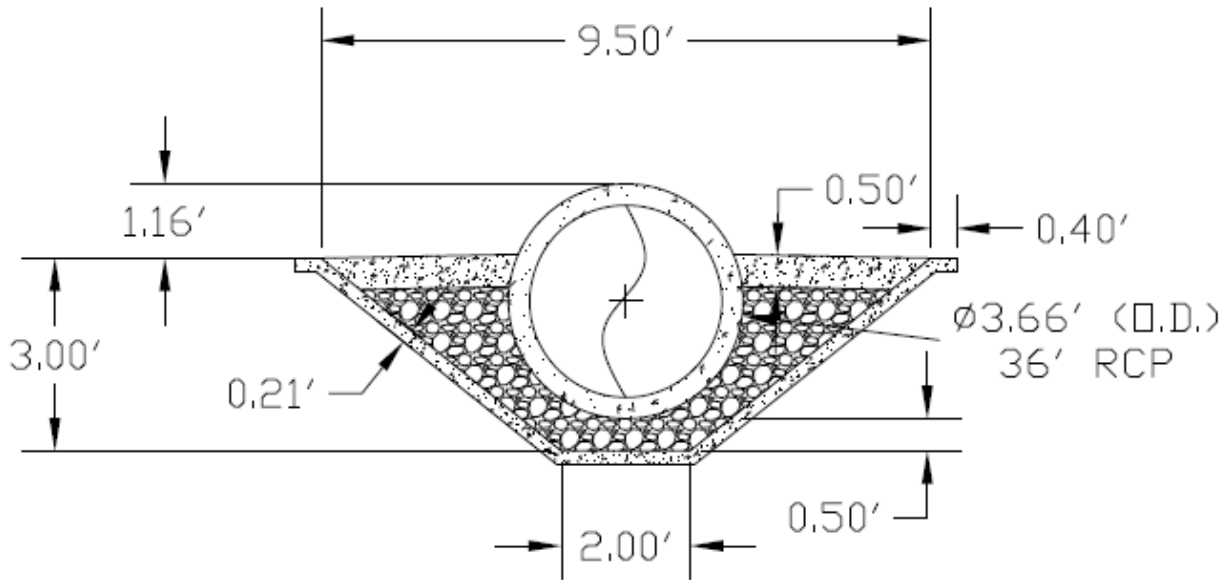


Eastern Reach

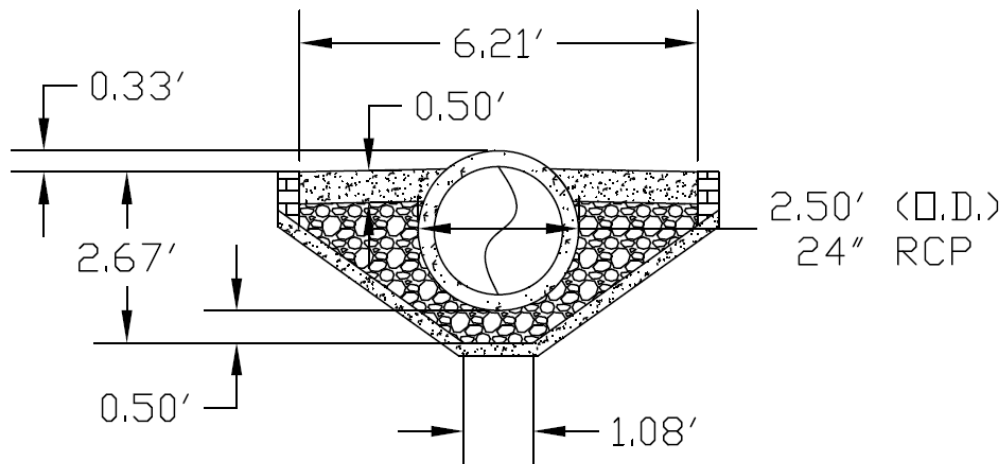


Warner Ranch Ditch Repair Project

Typical Cross Sections



**Western Reach
36-inch RCP
Crushed rock backfill with cement slurry cap**



**Eastern Reach
24-inch RCP
Crushed rock backfill with cement slurry cap**

NOTICE OF EXEMPTION

To: County Clerk of San Diego
1600 Pacific Highway, Room 260
P.O. Box 121750
San Diego, CA 92112-1750

From: Vista Irrigation District
1391 Engineer Street
Vista, CA 92081-8836

Project Title: Warner Ranch Ditch Repair

Project Location - Specific: By way of Fink Road, head approximately 2.75 miles southwest from the intersection of Fink Road and State Route 79 near Warner Springs, CA 92027 to existing facility access road. Turn left and head approximately 1.5 miles by way of dirt access road to the project site (~N 33.2846°, W 116.7302°).

Project Location - City: Warner Ranch **Project Location - County:** San Diego

Description of Project: Repair of an existing concrete raw water channel damaged from recent storm events, which provides the District a portion of its water supply from utilization of groundwater. The failing of the channel has prompted the need for responsive repairs, and attendant planning efforts with federal agencies having jurisdiction. Improvements will include laying reinforced concrete pipe within two existing channel reaches of approximately 3,900 feet and 700 feet respectively, and includes associated appurtenances such as junction structures and cleanouts. The overall project encompasses approximately 4,600 linear feet.

Name of Public Agency Approving Project: Vista Irrigation District, 1391 Engineer Street, Vista, CA 92081-8836

Name of Person or Agency Carrying Out Project: Vista Irrigation District

Exempt Status (check one)

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a);
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Class 1, Section 15301 (b), Class 2 15302 (c),
- Statutory Exemptions. State code number: _____

Reasons why project is exempt: The proposed project is exempt from CEQA based on its conformity with Section 15269 (b) of the CEQA Guidelines. This exemption is for repairs to emergency damage to a publicly owned service facility necessary to maintain service essential to the public health, safety or welfare. Furthermore, the proposed project is exempt from CEQA based on its conformity with Section 15301 (b) of the CEQA Guidelines. This project consists of the operation, repair, maintenance of existing public structures, facilities, mechanical equipment, or topographical features, involving negligible, or no expansion of use to provide public utility service. In addition, the proposed project is exempt from CEQA based on its conformity with Section 15302 (c) of the CEQA Guidelines. This project consists of the replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity. The project includes full-time monitoring by a qualified biologist and includes design features and requirements for construction that will avoid significant impacts to environmental or cultural resources of critical concern. See Exhibit A.

Lead Agency Contact Person: Don Smith

Telephone/Extension: (760) 597-3168

The General Manager Director of Engineering X Board of Directors approved the above described project on May 13, 2020, and found that the project is exempt from the provisions of the California Environmental Quality Act, as amended.

If filed by applicant: N/A

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? X Yes No

Submission of this form is optional. Local agencies may file this form with the County Clerk pursuant to Public Resources Code Section 21152(b). The filing of the notice starts a 35-day statute of limitations on court challenges to the approval of the project under Public Resources Code Section 21167(d). Failure to file the notice results in the statute of limitations being extended to 180 days.

Signature: _____ Date: _____ Title: _____

Memorandum

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Date: May 5, 2020

To: Don A. Smith, PE

From: Aaron Brownwood

Subject: Environmental Review for the Warner Ranch Ditch Repair Project

HELIX Proj. No.: VID-02.02

Message:

This memo is intended to support the Vista Irrigation District (District) Water Resources staff environmental review determination regarding the proposed Warner Ranch Ditch Repair Project qualification for a Categorical Exemption from the California Environmental Quality Act (CEQA). The information includes a brief description of the project, potentially applicable Categorical Exemptions allowed under CEQA, and supporting rationale for why the project is not known to meet any of the exceptions to preparing a Categorical Exemption.

Project Description

Location and Existing Conditions

The proposed Warner Ranch Ditch Repair project (project) would occur in northeastern San Diego County (County) within the service area of the District. Specifically, the project site is within the District's Warner Ranch, an open space area upstream from Lake Henshaw. The project involves repairing about 4,600 linear feet (lf) of an existing concrete-lined ditch that was built in the 1980s. The ditch was damaged during heavy rain events in February 2019 when over eight inches of rain were recorded at Lake Henshaw over a 48-hour period. Damages were the result of widespread cracking, buckling, and lifting of the concrete lining that left the ditch unsuitable for carrying groundwater from the wellfield to Lake Henshaw without increased damage.

Project Components

The purpose of the project is to replace a damaged concrete-lined ditch so that water from groundwater pumping can be conveyed to Lake Henshaw to augment water supply during periods of inadequate runoff. Construction activities are anticipated to begin in June 2020 and occur over a four-month period. Construction activities would consist of the following sequential activities: (1) breaking up the

Memorandum (cont.)

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concrete at the existing ditch bottom to receive a new reinforced concrete pipe to be laid within the cross section of the existing ditch using sand, gravel, or other suitable base material; (2) placing a new reinforced concrete pipe in the ditch; and (3) backfilling the area surrounding the new pipe with imported backfill.

Anticipated construction equipment would include a loader, skid steer, dump truck, and two crew trucks. Construction hours would occur between 8:00 a.m. and 4:00 p.m. Monday through Friday. Work areas would involve the ditch to be repaired, laydown areas for construction equipment storage, staging areas for assembling construction materials, and parking areas for construction crew vehicles. Standard best management practices (BMPs) for erosion control and water quality protection would be implemented during construction activities. Once constructed, project operations would be limited to periodic maintenance, similar to what occurred prior to the damage.

The project area involves land that is known to be occupied by the federally listed Stephens' kangaroo rat (SKR). The District retained HELIX Environmental Planning, Inc. in early 2020 to evaluate project construction details, evaluate ways to implement avoidance and minimization measures to avoid impacts to SKR, provide scientific support to the District in correspondence between the District and the United States Fish and Wildlife Service (USFWS), and to monitor construction activities. In coordination with the USFWS, the District will include a qualified SKR monitor to observe construction activities over the duration of the project construction schedule. The SKR monitor will enforce the 15 avoidance and minimization measures, which are listed in the May 4, 2020 District memo included herein by reference (Attachment A).

Categorical Exemption

Section 21084 of the Public Resources Code requires the State California Environmental Quality Act (CEQA) Guidelines to include a list of classes of projects that have been determined not to have a significant effect on the environment and which shall, therefore, be exempt from the provisions of CEQA. As identified in the State CEQA Guidelines Sections 15301 through 15333, there are 33 classes of exemptions. The proposed project, as described above, meets the requirements for a Class 1 and a Class 2 exemption:

15301. Existing Facilities

Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use. The types of existing facilities itemized below are not intended to be all-inclusive of the types of projects which might fall within Class 1. The key consideration is whether the project involves negligible or no expansion of use. An example provided in State CEQA Guidelines Section 15301(b) states that projects are categorically exempt if they involve "existing facilities of both investor and

Memorandum (cont.)

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publicly owned utilities used to provide electric power, natural gas, sewerage, or other public utility services.”

15302. Replacement or Reconstruction

Class 2 consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. An example provided in State CEQA Guidelines Section 15302(c) stated that projects are categorically exempt if they involve “replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.”

The proposed project is categorically exempt from CEQA, as it meets the requirements of a Class 1 and a Class 2 exemption under State CEQA Guidelines Section 15301 and 15032, respectively. The proposed project would result in the repair of an existing concrete-lined ditch to augment the District’s water supply as necessary. The ditch would continue providing augmented drinking water to Lake Henshaw and would involve no expansion of water or sewer facilities in the area.

State CEQA Guidelines Section 15300.2(b) through (f) identifies five exceptions to preparing and processing a CEQA categorical exemption, including if the project would result in (1) a cumulative impact; (2) a significant effect due to unusual circumstances; (3) damages to scenic resources; (4) construction on a hazardous waste site; or (5) a change in the significance of an historical resource. Below is a summary discussion that none of the exceptions to a categorical exemption have been identified in association with the project.

Cumulative Impacts

The proposed project involves 4,600 lf of ditch to be repaired located on District-owned land that is part of a 43,000-acre land holding. There are no other planned projects that would occur in the vicinity of the proposed project during the same time that would result in significant environmental impacts.

Unusual Circumstances

The District has owned and operated water supply facilities in this area since 1946, constructed the ditch to be repaired in the 1980s, and conducts ongoing maintenance and support of the drinking water facilities in the area. Since the District’s purchase of the area and construction of the ditch, the area has not changed and remains a mostly natural area with various drinking water facilities. Project construction would occur over approximately four months and would involve repairing the ditch in the same location as the existing ditch. While SKR have been known to occupy the area, the District will implement minimization and avoidance measures described in Attachment A to avoid impacts to SKR. As a result, there are no unusual circumstances that would suggest there is a reasonable possibility that the project would have a significant effect on the environment.

Memorandum (cont.)

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Scenic Highways

The proposed project is not located near a scenic highway and the project consists of ground surface improvements that would not be highly noticeable in a remote area that is not physically or visually accessible to the public. The nearest officially designated scenic highway is a segment of State Route 76 located about 3.5 miles west of the project and opposite of Lake Henshaw. The proposed project site is not within view of this segment of the highway. As a result, the project would not result in damages to trees, historic buildings, rock outcropping, or similar resources within a highway officially designated as a state scenic highway.

Hazardous Waste Sites

The proposed project is not located on a site that is included on a list compiled pursuant to Section 65962.5 of the Government Code. Online database searches were completed on April 30, 2020 at Geotracker (maintained by the State Water Resources Control Board) and Envirostor (maintained by the Department of Toxic Substances Control) and no sites were identified within a mile of the project site.

Historical Resources

The project involves repairing an existing ditch that was constructed in the 1980s and would not involve subsurface excavations. The area is not expected or known to include historical resources; however, a qualified archaeological monitor will be present to visually survey the ground surface of all project-related areas that would be disturbed, including staging areas, construction equipment parking and laydown areas, and off-road areas that may be necessary to complete project construction.

Summary

The proposed project meets the requirements of Class 1 and Class 2 categorical exemption under State CEQA Guidelines Sections 15301 and 15302 and, as described above, does not meet any of the exceptions to a categorical exemption that would cause the proposed project to result in a significant effect on the environment. Monitoring by a qualified biologist and archaeologist and their ability to halt construction activities prior to potential environmental impacts would further support the conclusion that impacts would be avoided.

Attachment A: Stephens' Kangaroo Rat (SKR) Avoidance and Minimization Measures, May 4, 2020

**Stephens' Kangaroo Rat (SKR) Avoidance and Minimization Measures
Warner Ranch Ditch Repair Project
May 4, 2020**

The proposed Project consists of the repair of approximately 4,600 feet of concrete lined ditch to allow needed groundwater pumping to augment water supply during periods of inadequate runoff in to Lake Henshaw.

Figure 1. Western Project Area

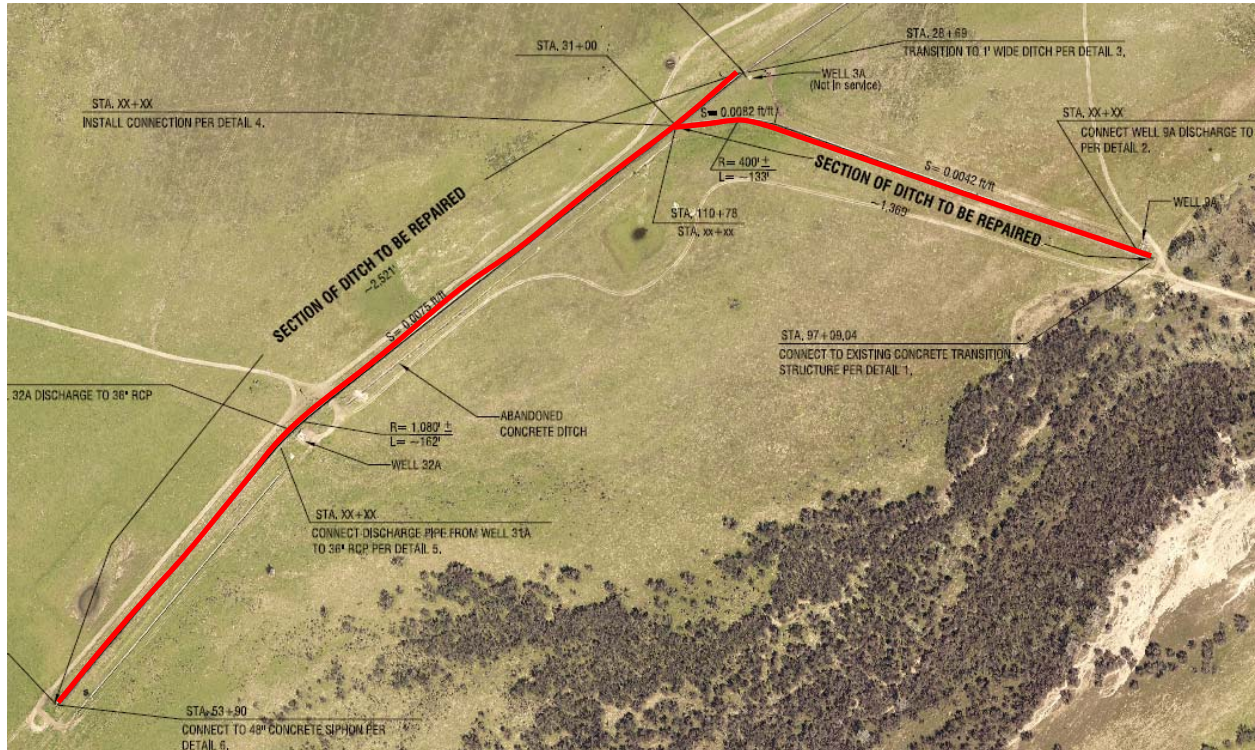


Figure 2. Eastern Project Area



SKR Avoidance and Minimization Measures

May 4, 2020

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In order to avoid impacts to SKR, the District intends to leave the existing concrete lining largely in place and lay a new reinforced concrete pipe within the cross section of the existing ditch. The steps involved in the repair project include:

- A. Break up existing concrete at bottom of ditch and place new imported base material (sand, gravel, or other suitable base);
- B. Placement of new reinforced concrete pipe;
- C. Backfill ditch around and over new pipe with imported backfill.

Since SKR are present in the Project area the following avoidance and minimization measures will be implemented:

1. Project activity will be limited to occur between one half hour after sunrise and one half hour before sunset.
2. No activity will occur during rain periods to avoid impacts to burrows.
3. A SKR biological monitor will be on site during repair activities and all personnel will be briefed on project protocol during tailgate meetings.
4. Prior to start each day the work area, staging areas, plate storage area and equipment will be checked in order to insure that no SKR are present.
5. Laydown areas will be selected (in coordination with the SKR biologist) along access roads and in areas with no SKR burrows or activity. These areas will be marked with entry and exit points and delineated with orange construction fencing. All vehicle parking other than construction equipment will occur within the staging areas. Vehicles used for daily activities supporting construction will be parked on access road away from burrows. Prior to movement during the day all vehicles and materials will be inspected by drivers prior to being moved to insure that no SKR have taken refuge under said vehicles.
6. Vehicle speeds will be limited to 15 mph.
7. If water is used for dust control or compaction all vehicles other than water truck must wait 5 minutes prior to accessing sprayed area.
8. Access to repair sites from adjacent dirt roads will occur in areas that will not impact burrows and will be limited to existing paths along the ditch.
9. No ground disturbance will occur on either side of the ditch or access points.
10. Steel plates will be placed on each side of the ditch and will be moved as the project progresses. One side of each plate will rest on the edge of the ditch and the other side will rest on adjacent soil. All equipment activity along the ditch will be limited to the top of plates and as close to the edge of the ditch as is safe and feasible.
11. Plates will be moved as equipment moves forward and only the area needed for each day's activity will be covered.
12. All plates will be removed at end of each day and stored in a manner to avoid night time interference to SKR activity. This could be achieved by stacking plates on 4X4 across the ditch, or by removal from site daily. The equipment used for plate placement, removal, and movement will be left in a manner as to not impact SKR occupied habitat at the discretion of the biologist.

SKR Avoidance and Minimization Measures

May 4, 2020

Page 3 of 3

13. The end of replacement pipes in storage areas will be covered and inspected prior to being moved in order to insure no animals are present.
14. If any SKR are found during the site checks and project activity they will be moved by the SKR biologist to adjacent safe areas unharmed.
15. Any injury or death to SKR will lead to an immediate termination of activities, reporting to agencies and consultation on how to proceed.



STAFF REPORT

Agenda Item: 11

Board Meeting Date: May 13, 2020
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: MAY 2020 BOARD MEETING DATE

RECOMMENDATION: Consider adding a second Board of Directors meeting date in May 2020.

PRIOR BOARD ACTION: On October 16, 2019, the Board established the 2020 Board meeting calendar, scheduling only one meeting in May 2020 on May 13.

FISCAL IMPACT: None.

SUMMARY: In October 2019, the Board established its 2020 Board meeting schedule, taking into consideration known conflicts such as holidays, conferences, and other anticipated commitments of the individual Board members. Taking into consideration scheduling conflicts such as the Association of California Water Agencies Spring Conference in the first week of May and the California Special Districts Association Legislative Days in the third week of May, the Board elected to schedule only one meeting in May on May 13. With both of these events either postponed or changed to webinars due to the coronavirus (COVID-19) pandemic and with numerous time sensitive and complex agenda items in need of immediate consideration by the Board in addition to regular business items, staff (with the Board President's concurrence) recommends scheduling a second meeting in May on Thursday, May 21 at 9 AM.



STAFF REPORT

Agenda Item: 12

Board Meeting Date: May 13, 2020
Prepared By: Brett Hodgkiss

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

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



SUMMARY OF FORMAL BOARD OF DIRECTORS' MEETING

April 23, 2020

1. Resolution approving Rincon del Diablo Municipal Water District's Proposed Sringeri Vidya Bharati Foundation Temple Annexation.
The Board adopted Resolution No. 2020-04 that: a) resolves that the Extended Initial Study and Mitigated Negative Declaration adopted by the County of San Diego as Lead Agency complies with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines, and no further environmental analysis is required for the action of the Water Authority; and b) approves the concurrent annexation of Rincon del Diablo Municipal Water District's (Rincon del Diablo MWD) proposed Sringeri Vidya Bharati Foundation (SVBF) Temple Annexation to the Water Authority and the Metropolitan Water District of Southern California (Metropolitan), verifying that all policies have been met, and conditioned upon the fulfillment of all conditions and final approval by the San Diego Local Agency Formation Commission (LAFCO).
2. Monthly Treasurer's Report on Investments and Cash Flow.
The Board noted and filed the Treasurer's report.
3. Adopt positions on various state bills.
The Board adopted the following positions:
 - A) Support on AB 2089 (Rivas), relating to climate change resiliency
 - B) Support on AB 2619 (Stone), relating to sea level rise and coastal climate change
 - C) Support if Amended on AB 2789 (Kamlager), relating to distributed energy resources and the electric transmission and distribution systems
 - D) Support on AB 2839 (E. Garcia), relating to creation of the California Deserts Conservancy
 - E) Oppose on AB 3147 (Gabriel), relating to connection fees and capacity charges
 - F) Support if Amended on AB 3256 (E. Garcia), relating to the Wildfire Prevention, Safe Drinking Water, Climate Resilience, Drought Preparation, and Flood Protection Bond Act of 2020
 - G) Support on ACR 179 (Voepel), relating to Special Districts Week
 - H) Support and Seek Amendments on SB 1188 (Stern), relating to the California Water Plan
 - I) Support if Amended on SB 1215 (Stern), relating to electricity microgrids
 - J) Support on the Desalination Development Act (Levin), relating to federal funding for eligible desalination projects
4. Change Orders to Kiewit Infrastructure West, Inc. for the Northern First Aqueduct Structures and Lining Rehabilitation Project.
The Board accepted staff executed change orders 1 through 5 for a credit of \$69,888; and authorized the General Manager to execute pending change orders for up to \$400,000 for the Valley Center 2 leak repair, and a pending change order for up to \$160,000 for the Portal 2 and 5 groundwater differing site condition.



5. Approval of Minutes.

The Board approved the minutes of the Special Imported Water Committee meeting of March 12, 2020 and the Formal Board of Directors meeting of March 26, 2020.

6. Director Appointment.

The Board approved the appointment of Amy Reeh, representing Yuima Municipal Water District, to the SDCWA Board of Directors; term ending January 13, 2022.



STAFF REPORT

Agenda Item: 13.A

Board Meeting Date: May 13, 2020
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS

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



STAFF REPORT

Agenda Item: 13.B

Board Meeting Date: May 13, 2020
Prepared By: Lisa Soto
Approved By: Brett Hodgkiss

SUBJECT: SCHEDULE OF UPCOMING MEETINGS AND EVENTS

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

	SCHEDULE OF UPCOMING MEETINGS AND EVENTS	ATTENDEES
1	Special Districts Legislative Days (CSDA) <i>May 19-20, 2020; Webinar</i> <i>Registration deadline: 5/14/20</i>	MacKenzie (R)
2	Third Annual Groundwater Sustainability Summit (GRA) <i>June 10-11, 2020; Virtual Conference via conference call (audio) and WebEx (slides)</i> <i>Registration deadline: 6/3/20</i>	
3 *	Council of Water Utilities Meeting <i>June 16, 2020; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 6/11/20</i>	
4 *	Council of Water Utilities Meeting <i>July 21, 2020; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 7/16/20</i>	
5	ACWA Summer Conference <i>July 28-31, 2020; Monterey</i> <i>Registration deadline: 7/10/2020</i>	MacKenzie (R, H) Vásquez (R, H, A) Dorey (R, H, A) Sanchez (R, H)
6 *	Council of Water Utilities Meeting <i>DARK IN AUGUST</i>	
7 *	CSDA Quarterly Dinner Meeting <i>Aug. 20, 2020, 6:00-9:00 p.m.; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 8/13/20</i>	
8	CSDA Annual Conference <i>Aug. 24-27, 2020; Palm Desert</i> <i>Registration deadline: 7/24/20</i>	MacKenzie Sanchez
9	Headwaters Tour Field Trip (Water Education Foundation) <i>Sept. 10-11, 2020; Begins and ends in Sacramento area</i> <i>Reservation deadline: 7/29/20</i>	
10	Third Annual Western Groundwater Congress <i>Sept. 14-16, 2020; Burbank, CA</i> <i>Reservation deadline: TBD</i>	Dorey
11 *	Council of Water Utilities Meeting <i>Sept. 15, 2020; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 9/10/20</i>	
12	2020 Water Summit (Water Education Foundation) <i>Sept. 24, 2020; Sacramento</i> <i>Registration deadline: TBD</i>	
13	Special District Leadership Academy (CSDA) <i>(Advanced track available)</i> <i>Sept. 27-30, 2020; South Lake Tahoe</i> <i>Registration deadline: 8/28/20</i>	

	SCHEDULE OF UPCOMING MEETINGS AND EVENTS	ATTENDEES
14	San Joaquin River Restoration Tour Field Trip (Water Education Foundation) <i>Sept. 30-Oct. 1, 2020; Begins and ends in Fresno</i> <i>Reservation deadline: 8/18/20</i>	
15	Northern California Tour Field Trip (Water Education Foundation) <i>Oct. 14-16, 2020; Begins and ends at Sacramento International Airport</i> <i>Reservation deadline: 9/1/20</i>	
16 *	Council of Water Utilities Meeting <i>Oct. 20, 2020; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 10/15/20</i>	
17	Special District Leadership Academy (CSDA) (Advanced track available) <i>Nov. 15-18, 2020; San Diego</i> <i>Registration deadline: 10/23/20</i>	
18 *	CSDA Quarterly Dinner Meeting <i>Nov. 19, 2020, 6:00-9:00 p.m.; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 11/12/20</i>	
19 *	Council of Water Utilities Meeting <i>Nov. 17, 2020; The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 11/12/20</i>	
20 *	Council of Water Utilities Meeting <i>DARK IN DECEMBER</i>	
21	ACWA Fall Conference <i>Dec. 1-4, 2020; Indian Wells; Registration deadline: TBD</i>	
22	Colorado River Water Users Association Conference (CRWUA) <i>Dec. 14-16, 2020; Las Vegas; Registration deadline: TBD</i>	

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

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

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



Agenda Item: 14

STAFF REPORT

Board Meeting Date: May 13, 2020
Prepared By: Lisa Soto

SUBJECT: ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

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

Staff-generated list of tentative items for future agendas:

- Director Compensation for Teleconferences and Webinars
- Training requirements for Board members
- Fiscal Year 2021 Budget (following Fiscal Policy Committee review)
- General Manager Performance Evaluation
- San Luis Rey Watershed Council participation
- Warner Wellfield Assessment



Agenda Item: 15

STAFF REPORT

Board Meeting Date: May 13, 2020
Prepared By: Lisa Soto

SUBJECT: COMMENTS BY DIRECTORS

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



Agenda Item: 16

STAFF REPORT

Board Meeting Date: May 13, 2020
Prepared By: Brett Hodgkiss

SUBJECT: COMMENTS BY GENERAL COUNSEL

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



Agenda Item: 17

STAFF REPORT

Board Meeting Date: May 13, 2020
Prepared By: Brett Hodgkiss

SUBJECT: COMMENTS BY GENERAL MANAGER

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