

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

August 17, 2016

An Adjourned Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, August 17, 2016, at the offices of the District, 1391 Engineer Street, Vista, California.

**1. CALL TO ORDER**

President Vásquez called the meeting to order at 8:30 a.m.

**2. ROLL CALL**

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

Directors absent: None.

Staff present: Eldon Boone, General Manager; Lisa Soto, Secretary of the Board; Brett Hodgkiss, Assistant General Manager; Don Smith, Director of Water Resources; Brian Smith, Director of Engineering; Frank Wolinski, Operations and Field Services Manager; Randy Whitmann, Engineering Project Manager; Dean Farris, Water Distribution Supervisor; Marlene Kelleher, Finance Manager; and Marian Schmidt, Administrative Assistant. General Counsel Joel Kuperberg was also present.

Other attendees: Representing Richard Brady & Associates: Richard Brady, President and Chief Executive Officer; Max Dykmans, Structural Engineer; and Mike Marasco, Senior Construction Manager.

**3. PLEDGE OF ALLEGIANCE**

Director MacKenzie led the pledge of allegiance.

**4. APPROVAL OF AGENDA**

President Vásquez stated that depending on how long the meeting runs, one Board member may need to leave early. To ensure that all members are present for the closed session item, President Vásquez recommended reordering the agenda, moving Item 21 to be considered immediately following Item 14.

16-08-83	<i>Upon motion by Director MacKenzie, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors approved the agenda as reordered for Item 21 to immediately follow Item 14.</i>
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**5. PUBLIC COMMENT TIME**

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

**6. CONSENT CALENDAR**

Operations and Field Services Manager Frank Wolinski provided brief clarification regarding Consent Calendar Item 6.B, stating that the capacities of the two reservoirs to be demolished are approximately 750,000 gallons each. He added that each reservoir measures approximately 100 feet in diameter and both are about 14 feet tall.

16-08-84 *Upon motion by Director Dorey, seconded by Director Miller and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors approved the Consent Calendar, including Resolution No. 16-22 approving disbursements.*

**A. Seed Collection License Agreement**

See staff report attached hereto. Staff recommended and the Board authorized the General Manager to execute a license agreement with Noll Seeds to catalog, collect and harvest the seeds of naturally occurring plants on the Warner Ranch.

**B. Demolition of E2 and F Reservoirs**

See staff report attached hereto. Staff recommended and the Board authorized the General Manager to execute an agreement with West-Tech Contracting, Inc. for the demolition of E2 and F reservoirs.

**C. Assignment of Water Rights, Imported Water Entitlement and Encroachment Permit**

See staff report attached hereto. Staff recommended and the Board approved the Assignment of Water Rights, Imported Water Entitlement and Encroachment Permit No. 125 and directed staff to record the documents with the County Recorder, for full water rights and the encroachment of two wood fences and gates over the existing Twin Oaks Bench Flume within District flume easement (C6), over a single-family residence consisting of approximately 2.43 gross acres owned by Jared and Kimberly Beck, located at 383 W. La Cienega Road, San Marcos (LN 2016-012; APN 182-110-36; DIV NO 5).

**D. Minutes of Board of Directors meeting on August 3, 2016**

The minutes of August 3, 2016 were approved as presented.

**E. Resolution ratifying check disbursements**

**RESOLUTION NO. 16-22**

**BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 53831 through 53935 drawn on Union Bank totaling \$628,080.15.**

**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 17<sup>th</sup> day of August 2016.**

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**7. 2016 TRIENNIAL PUBLIC HEALTH GOAL REPORT**

See staff report attached hereto.

At 8:42 a.m., President Vásquez opened the public hearing and noted that there were no members of the public in attendance. General Manager Eldon Boone provided a brief overview of the California Health and Safety Code’s requirement for public water systems to prepare a brief written report triennially informing the public if contaminants are detected in drinking water that exceed the applicable Public Health Goals. Mr. Boone said that the District’s report concludes that the District’s water meets all State and Federal water quality standards and there are no proposed actions as a result of this report. Mr. Wolinski provided brief clarifications for the Board regarding the report.

16-08-85 *Upon motion by Director MacKenzie, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors closed the public hearing at 8:42 a.m.*

16-08-86 *Upon motion by Director MacKenzie, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors accepted the 2016 Public Health Goal Report.*

**8. HP RESERVOIR REHABILITATION**

See staff report attached hereto.

Mr. Boone provided background regarding the HP Reservoir, which he characterized as a critical part of the District’s water system. He noted that the reservoir has failed structurally and has been taken out of service until it can be rehabilitated. Mr. Boone said that in order to get the reservoir back into service as quickly as possible, staff is requesting authorization to negotiate a design-build contract with Richard Brady & Associates (Brady) for the HP Reservoir Rehabilitation.

President Vásquez thanked Mr. Brady for accepting staff’s modified design-build concept, adding that this process will help the District obtain the best pricing for every phase of the project. Director Dorey expressed concern for the neighbors living near the reservoir during the rehabilitation project. The Board emphasized the importance of erosion and dust control, and requested that staff make a concerted effort to keep the neighbors informed about the project and make sure they know who to contact should they have any questions or concerns. Mr. Boone agreed, assuring the Board that neighborhood outreach during a project like this is something staff routinely does and will do with this project as well.

Consultant Richard Brady addressed the Board along with his structural engineer, Max Dykmans. Mr. Brady assured the Board that he has a vast body of experience with these types of projects including projects he had done for the District. He said that with his team, the District will have the best expertise and the project will be done on schedule, with good pricing and quality of work. Mr. Dykmans echoed Mr. Brady’s sentiment, adding that this project will be straight-forward because the tank itself is in very good shape. Mr. Dykmans stated that he believes with the replacement and upgrading of the exterior pre-stressing wires and the roof, the tank should last another 50 years.

16-08-87 *Upon motion by Director Miller, seconded by Director Reznicek and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors authorized staff to negotiate a design-build contract with Richard Brady & Associates for the HP Reservoir Rehabilitation.*

Randy Whitmann, Richard Brady, Max Dykmans, and Mike Marasco left the meeting following the above discussion.

## 9. CONCESSION MANAGEMENT AGREEMENT AMENDMENT

See staff report attached hereto.

Mr. Boone said that there are three amendments proposed for the Lake Henshaw Resort Concession Management agreement in order to bring the agreement in line with the current practices of the concessionaire (the Mendenhalls). The first two changes are simple adjustments to the due dates for the concessionaire's monthly statements and payments to the District.

The third change is to eliminate the requirement for an annual audit in favor of an annual accountant's review. Mr. Boone said that the Mendenhalls have been substituting an accountant's review report in place of an audit report on a trial basis since 2013. Mr. Boone said that the annual audit was a big expense for the Mendenhalls, and since they have no debt, he believes a full audit is not necessary. Mr. Boone said that the accountant's review report, which has included expanded information at the request of the District, has been satisfactory. The Board discussed the requested changes and acknowledged that the expense of an annual audit may be more than is needed in this case. The Board expressed a level of comfort with the Mendenhalls as the concessionaire and with the accountant review process which been tested satisfactorily over the past few years. The Board requested that staff remain diligent in monitoring this agreement to assure that its terms are met.

16-08-88 *Upon motion by Director Miller, seconded by Director MacKenzie and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors authorized the General Manager to execute the Seventh Amendment to the Concession Management Agreement for the Lake Henshaw Recreation Area.*

Marlene Kelleher left the meeting at this time.

## 10. POWER PURCHASE AGREEMENT

See staff report attached hereto.

Mr. Boone stated that the District receives power from its solar project at a cost of 15.6 cents per kilowatt hour, from San Diego Gas & Electric (SDG&E) at a cost ranging between 9 cents to 17 cents per kilowatt hour (depending on the time of usage), and from Direct Energy Business LLC (Direct Energy) at a cost of about 5 cents per kilowatt hour.

Mr. Boone said that the District's agreement with Direct Energy expired last month, but service has continued with Direct Energy on a month-to-month basis. Mr. Boone said that staff is proposing to enter into a new multi-year power purchase agreement with Direct Energy to lock into a low rate for a long period of time. Mr. Boone said that the rates offered by Direct Energy fluctuate daily, and the most recent rates are shown on a table which was left at each of the Board members' places at the dais (attached hereto as Exhibit A). He recommended that the Board consider entering into a power purchase

agreement with Direct Energy at the rate shown for 60 months, which is one-third of the price the District is currently paying for solar and less than half the price the District is paying to SDG&E.

16-08-89 *Upon motion by Director MacKenzie, seconded by Director Dorey and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors authorized the General Manager to enter into a five-year power purchase agreement with Direct Energy Business, LLC for the purchase of electrical power.*

Dean Farris left the meeting at this time.

#### **11. NORTH SAN DIEGO WATER REUSE COALITION RESPONSE TO GRAND JURY**

See staff report attached hereto.

Mr. Boone said that the District is a member of the North San Diego Water Reuse Coalition (NSDWRC), a group of ten water and wastewater agencies that have formed to promote water reuse. The group prepared a feasibility study to analyze the recycled water facilities and demands for each agency with the goal of developing a regional recycled water project with interagency connections. The San Diego Grand Jury reviewed the study and issued a very positive report that included several recommendations. Mr. Boone said that the member agencies of the NSDWRC are required to respond to the Grand Jury's recommendations, and a response has been prepared for the signatures of all of the agencies' General Managers.

16-08-90 *Upon motion by Director Reznicek, seconded by Director MacKenzie and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors authorized the General Manager to sign the response letter to the San Diego Grand Jury's Report regarding the North San Diego Water Reuse Coalition.*

#### **12. CSDA COMMITTEE AND EXPERT FEEDBACK TEAM NOMINATIONS FOR 2017**

See staff report attached hereto.

Mr. Boone said that CSDA is soliciting nominations for its 2017 Committees and Expert Feedback Teams. He noted that VID staff members Finance Manager Marlene Kelleher and Human Resources Manager Phil Zamora, and VID General Counsel Joel Kuperberg have all indicated willingness to continue to serve in their current respective capacities on the CSDA Committee and Expert Feedback Teams. Director MacKenzie expressed an interest in continuing to serve on the CSDA Legislative and the Member Services committees. She encouraged her fellow Board members to consider serving as well. Director MacKenzie added that she is pleased to see that staff is willing to continue to serve in their positions, as they always bring great expertise to the table.

16-08-91 *Upon motion by Director Miller, seconded by Director Reznicek and unanimously carried (5 ayes: Miller, Vásquez, Dorey, Reznicek, and MacKenzie), the Board of Directors nominated Director MacKenzie to serve on the CSDA Legislative, and Member Services Committees. The Board also nominated Marlene Kelleher to serve on the Fiscal Committee and on the Revenue Expert Feedback Team; Phil Zamora to serve on the Human Resource and Personnel Expert Feedback Team; and VID General Counsel Joel Kuperberg to serve on the Expert Feedback Teams for Environment, Public Works and Facilities, and Legal.*

**13. CONFLICT OF INTEREST CODE REVISIONS**

See staff report attached hereto.

Mr. Boone said that the District is required by law to review its Conflict of Interest Code biennially and make revisions as needed. Mr. Boone said that the changes proposed reflect changes in staffing and the tasks performed by consultants.

16-08-92      *Upon motion by Director Dorey, seconded by Director Reznicek, the Board of Directors adopted Resolution 16-23 modifying the District's Conflict of Interest Code, by the following roll-call vote:*

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

*A copy of Resolution 16-23 is on file in the official Resolution Book of the District.*

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

See staff report attached hereto.

Mr. Boone updated the Board regarding the meeting between the San Luis Rey Indian Water Authority (SLRIWA) and the Department of Interior and Department of Justice in Washington DC on August 5. Mr. Boone said it was only a one-hour meeting, but the parties were able to come to agreement on the issues that were raised in that limited amount of time. Mr. Boone said that VID Special Counsel, John Carter, attended the meeting via teleconference.

Mr. Boone said that the Deputy Secretary of the Interior Mike Conner has indicated that he will play a key role in moving the Settlement forward through Congress. Mr. Boone said that the Stipulation Agreement and the Exhaustion Amendment are both still being worked on by the parties. Regarding the local water system rights-of way, Mr. Boone reported that the Mitigated Negative Declaration document prepared by Atkins for the San Pasqual Undergrounding Project is in its draft review stage and will be presented by Atkins at the next Board meeting on September 7.

Mr. Boone reported that a San Luis Rey Groundwater Basin meeting is scheduled for the following day from 1:00 to 4:00 p.m. at the Rincon Tribal Hall. Director of Water Resources Don Smith and VID Special Counsel John Carter plan to attend only as observers.

Mr. Boone reported on the Escondido-VID Water Facilities Agreement being developed to lay out how VID and Escondido will share certain facilities in the future. Mr. Boone said that there have been no new meetings on this matter. Mr. Boone said that he met with City of Escondido (Escondido) Director of Utilities, Chris McKinney the previous day. Mr. McKinney said that he is thankful for the work done by Don Smith on this matter, and on the Indian Settlement in general. Mr. McKinney said that he is looking for someone who can do the same for the Escondido team.

At this time, everyone in the audience left the room except for Don Smith and Brian Smith.

**21. CLOSED SESSION FOR CONFERENCE WITH REAL PROPERTY NEGOTIATORS**

President Vásquez adjourned the meeting to closed session at 9:52 a.m. for a conference with Real Property Negotiators, per Government Code section 54956.8 to discuss the following:

Property: Warner Springs Ranch property, located at 31652 Hwy. 79, Warner Springs, CA 92086  
Agency Negotiators: Eldon Boone, Don Smith  
Negotiating Party: Warner Springs Ranch Resort, LLC  
Under Negotiation: Price and terms

The meeting reconvened in open session at 10:29 a.m. President Vasquez declared that no reportable action had been taken.

A break was taken from 10:29 a.m. to 10:43 a.m. Upon return from break, present in the audience was Don Smith.

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

See staff report attached hereto.

Mr. Boone reported that there had not been a meeting of the Water Authority Board since Director Miller's last report. Mr. Boone said that the Water Authority is currently focused on its agreement to purchase power from the Hoover Dam Boulder Canyon Project and how the power will be transmitted to its water facilities in the region. Director Miller expanded on Mr. Boone's comments regarding recent developments in the Water Authority's Hoover Dam power purchase agreement.

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

See staff report attached hereto.

Director Dorey reported that Cynthia Mallet, President of the San Luis Rey Watershed Council (SLRWC), has accepted a position with the City of San Clemente and has resigned her position as President of the SLRWC. Director Dorey said that the remaining members on the SLRWC Board are currently discussing Ms. Mallet's replacement.

Director MacKenzie reported on her attendance at a meeting of the ACWA State Legislative Committee on August 12. The Committee discussed about 30 bills and also the Little Hoover Commission's Special Districts Study update. Director MacKenzie said that the California Special Districts Association (CSDA) is going to be testifying before the Little Hoover Commission regarding Special Districts. Mr. Boone said that staff is aware that the Little Hoover Commission is reconvening, but at this time the District is not involved. The Board discussed the Little Hoover Commission that was active in the early 2000s and the fact that some of its findings regarding Special District's reserves were incorrect. General Counsel Kuperberg provided early historical background about the Little Hoover Commission and its initial formation

Director MacKenzie reported on her attendance at the CSDA Legislative Update where there was a discussion regarding various pieces of legislation. Director MacKenzie reviewed some of the bills related to housing and economic development. She also reviewed a bill to which CSDA is opposed that has to do with the posting of agency board agendas. This bill, if passed, would require that the most recent

board agenda of a public agency be accessible from the agency's website homepage in a searchable format. Director MacKenzie briefly reviewed a bill regarding at-large local elections and another regarding audits for small local agencies.

#### **17. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES**

See staff report attached hereto.

Director Miller stated that he would be out of town and absent for the September 7 Board meeting. Mr. Boone said that the first four items on the list of upcoming agenda items were planned to be on the September 7 agenda, and he asked if the Board would want to delay any of these items since Director Miller would be absent. Director Miller asked that the item regarding "Review of meetings eligible for per diem compensation" be delayed so he could participate in this discussion. Director Miller said that other three items could move forward without him if the Board so desires.

Mr. Boone provided clarification regarding the upcoming agenda item "Groundwater Study Update". Mr. Boone said that if the District is interested in becoming a Groundwater Sustainability Agency, a study of its groundwater in the Warner Ranch area and how it is impacted by other groundwater basins may be warranted. Mr. Boone said that staff will want to discuss this topic with the District's ad hoc Groundwater Committee when the draft Request for Proposal for the study is ready for review.

#### **18. COMMENTS BY DIRECTORS**

Director MacKenzie asked if the District is actively promoting the "WaterSmart Landscape Design Workshop" being offered for the public on October 1 at the District headquarters. Assistant General Manager Brett Hodgkiss responded that the flyer is on the District's website, and it is also being promoted through the Water Authority on an electronic community bulletin board. Mr. Hodgkiss said that the District is already well on its way to filling the class.

#### **19. COMMENTS BY GENERAL COUNSEL**

None were presented.

#### **20. COMMENTS BY GENERAL MANAGER**

Mr. Boone informed the Board that staff is currently reviewing and preparing comments on the feasibility study prepared by the North San Diego Water Reuse Coalition (NSDWRC). Mr. Boone said that staff plans to submit the District's comments by the end of the week.


Mr. Boone said that the State Board has published its long-term water conservation regulations and the District's new conservation mandate is zero percent, as is the case for about 75 percent of the water agencies in the State. Mr. Boone said that the State does intend to develop new water use efficiency targets and improved shortage contingency plans. A draft of these new standards is expected to be ready for review in November. Mr. Boone said that staff will monitor this matter as it progresses.

Mr. Boone updated the Board regarding the statewide mercury control programs being developed for reservoirs to control the level of mercury in the fish that are caught and consumed from these reservoirs. Mr. Boone said that a study has been done of the reservoirs in San Diego County, and some new rules are being developed that may impact the District's operations at Lake Henshaw. The new rules are anticipated to be in place by Spring 2017.




**22. ADJOURNMENT**

There being no further business to come before the Board, at 11:18 a.m., President Vásquez adjourned the meeting.

  
Richard L. Vásquez, President

ATTEST:

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



**STAFF REPORT**

**Agenda Item: 6.A**

<b>Board Meeting Date:</b>	<b>August 17, 2016</b>
<b>Prepared By:</b>	<b>Don Smith</b>
<b>Reviewed By:</b>	<b>Brett Hodgkiss</b>
<b>Approved By:</b>	<b>Eldon Boone</b>

SUBJECT: SEED COLLECTION LICENSE AGREEMENT

RECOMMENDATION: Authorize the General Manager to execute a license agreement with Noll Seeds to catalog, collect and harvest the seeds of naturally occurring plants on the Warner Ranch.

PRIOR BOARD ACTION: On June 21, 2006, the Board authorized the General Manager to execute a license agreement with Noll Seeds.

FISCAL IMPACT: If approved, the proposed license agreement will generate revenue for the District equivalent to 10 percent of the retail value of the seed actually harvested in any given year, with a \$1,000 per year minimum. The actual revenues produced will vary each year according to the types and abundance of plants growing that year and the market forces setting the value of the seed crop.

Over the last 10 years, this activity has generated the following income:

<u>Fiscal Year</u>	<u>District Revenue</u>
2007	\$ 1,306.20
2008	3,464.88
2009	1,000.00
2010	1,210.10
2011	2,475.96
2012	2,728.20
2013	1,127.39
2014	1,192.32
2015	1,466.70
2016	<u>1,690.84</u>
Total	<u>\$17,662.59</u>

SUMMARY: Noll Seeds has been collecting the seeds of certain native plants on the Warner Ranch periodically since 1992. The proposed license agreement continues that practice under the same terms and conditions set forth in the agreement executed in 2006 and the amendment (extending the agreement for five one-year renewal periods) executed in 2011. The initial term will be for a period of one year, and the agreement may be renewed for four additional one-year periods. Noll Seeds coordinates their activity with the District to minimize impacts to District operations or the operations of other lessees and/or licensees. Noll Seeds typically send a harvesting crew of between 1 and 16 persons to perform the seed collection using hand tools; the number of collection days has ranged from 1 to 11 days per year.



## STAFF REPORT

Agenda Item: 6.B

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Frank Wolinski  
**Reviewed By:** Don Smith  
**Approved By:** Eldon Boone

**SUBJECT:** DEMOLITION OF E2 AND F RESERVOIRS

**RECOMMENDATION:** Authorize the General Manager to execute an agreement with West-Tech Contracting, Inc. for the demolition of E2 and F reservoirs.

**PRIOR BOARD ACTION:** On February 3, 2016, the Board approved and directed staff to file the Notices of Exemption with the County Clerk for the demolition of E2 and F reservoirs.

**FISCAL IMPACT:** \$149,535.

**SUMMARY:** The District advertised and solicited bids for the demolition of two concrete reservoirs, E2 reservoir, located at 1315 Maryland Drive, and F reservoir, located at 1951 Warmlands Avenue. Eleven contractors attended the job walk and five submitted responsive bids. West-Tech Contracting, Inc. submitted the lowest bid.

**DETAILED REPORT:** E2 and F reservoirs were constructed between 1925 and 1927. Both reinforced concrete reservoirs are 100 feet in diameter and approximately 14 feet in wall height. E2 and F reservoirs were taken out of service in 2005 and 2007, respectively, and are no longer needed.

The cost for this project includes the complete demolition and removal of all concrete, rebar and miscellaneous material; rough grade, scarifying 12 inches and re-compacting reservoir footprints; and the demolition and asbestos abatement to the roof of F reservoir. The roofing material at F reservoir will be removed and disposed of in accordance with State and Federal regulations prior to the demolition of this reservoir.

The bids were as follows:

West-Tech Contracting, Inc.	\$149,535
AMPCO Contracting, Inc.	\$159,238
Shaw Equipment Rental, Inc.	\$239,012
Cement Cutting, Inc.	\$242,330
RSH Construction Services	\$323,040



## STAFF REPORT

Agenda Item: 6.C

<b>Board Meeting Date:</b>	<b>August 17, 2016</b>
<b>Prepared By:</b>	<b>Jeanette Bradshaw</b>
<b>Reviewed By:</b>	<b>Brian Smith</b>
<b>Approved By:</b>	<b>Eldon Boone</b>

**SUBJECT:** ASSIGNMENT OF WATER RIGHTS, IMPORTED WATER ENTITLEMENT AND ENCROACHMENT PERMIT

**RECOMMENDATION:** That the Board approve the Assignment of Water Rights, Imported Water Entitlement and Encroachment Permit No. 125 and direct staff to record the documents with the County Recorder, for full water rights and the encroachment of two wood fences and gates over the existing Twin Oaks Bench Flume within District flume easement (C6), over a single-family residence consisting of approximately 2.43 gross acres owned by Jared and Kimberly Beck, located at 383 W. La Cienega Road, San Marcos (LN 2016-012; APN 182-110-36; DIV NO 5).

**PRIOR BOARD ACTION:** None.

**FISCAL IMPACT:** None.

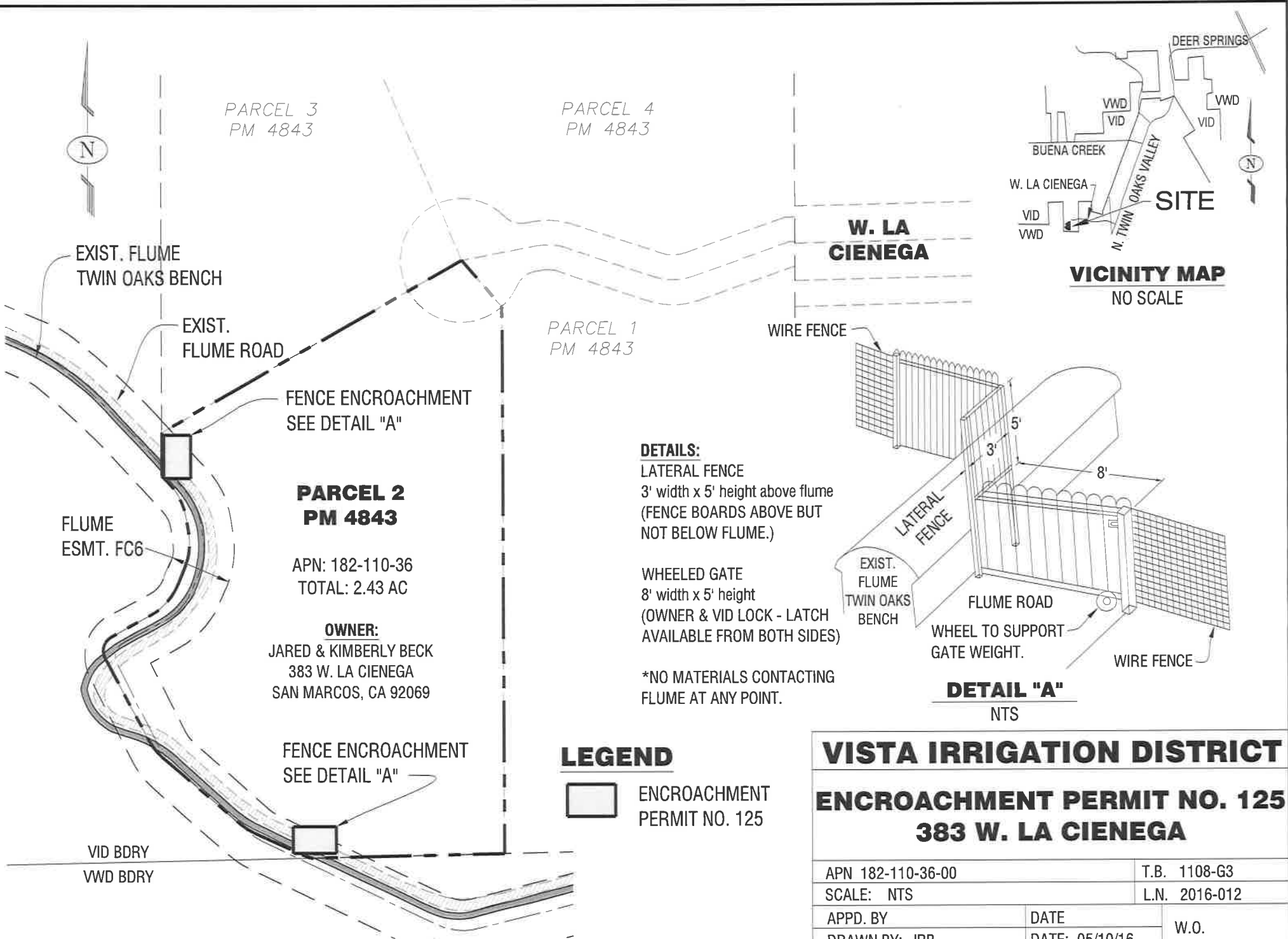
**SUMMARY:** The approval of the Assignment of Water Rights and Imported Water Entitlement documents will allow the property to have full water rights for domestic service.

The encroachment permit contains conditions that protect the District and the District's facilities. The owners, Jared and Kimberly Beck, will be required to observe those conditions applicable to the encroachment permit.

**DETAILED REPORT:** The owner is in the process of developing a single-family residence on W. La Cienega Road. On May 5, 2016, Jared and Kimberly Beck applied and paid for one 3/4" domestic water meter (Water Application No. WA2016.0035).

The approval of the encroachment permit will allow the owners to limit public access on their property by installing two fences and gates over the Twin Oaks Bench Flume within District flume easement (C6) on 383 W. La Cienega Road. Under this encroachment permit, the owners will be responsible for providing and maintaining District access, replacing any facilities removed by District along with all of the standard encroachment permit conditions to enable the operation, maintenance or repair of District facilities.

**ATTACHMENTS:** See attached map.



PARCEL 3  
PM 4843

PARCEL 4  
PM 4843

PARCEL 1  
PM 4843

**PARCEL 2  
PM 4843**

APN: 182-110-36  
TOTAL: 2.43 AC

**OWNER:**  
JARED & KIMBERLY BECK  
383 W. LA CIENEGA  
SAN MARCOS, CA 92069

**W. LA  
CIENEGA**

**VICINITY MAP**  
NO SCALE

**DETAILS:**  
LATERAL FENCE  
3' width x 5' height above flume  
(FENCE BOARDS ABOVE BUT  
NOT BELOW FLUME.)

WHEELED GATE  
8' width x 5' height  
(OWNER & VID LOCK - LATCH  
AVAILABLE FROM BOTH SIDES)

\*NO MATERIALS CONTACTING  
FLUME AT ANY POINT.

**DETAIL "A"**  
NTS

**LEGEND**

 ENCROACHMENT  
PERMIT NO. 125

**VISTA IRRIGATION DISTRICT**

**ENCROACHMENT PERMIT NO. 125  
383 W. LA CIENEGA**

APN 182-110-36-00		T.B. 1108-G3
SCALE: NTS		L.N. 2016-012
APPD. BY	DATE	W.O.
DRAWN BY: JRB	DATE: 05/10/16	
SHEET 1 OF 1	MAP: M19	

# Cash Disbursement Report



Payment Dates 07/21/2016 - 08/03/2016

Payment Number	Payment Date	Vendor	Description	Amount
53831	07/27/2016	Accela, Inc #774375	HP9000 Programming 05/2016	1,200.00
53832	07/27/2016	Aquajet Art	Waterjet Cutting	156.30
53833	07/27/2016	ARC Ergonomics	Desk Corner Unit	91.68
	07/27/2016		Chair	691.20
53834	07/27/2016	Bearcom	2-Way Radio Antenna	926.63
53835	07/27/2016	Medina Construction	Road Repair - Penview Drive	23,489.60
53836	07/27/2016	Blue Shield of CA Life & Health	Vision Insurance 08/2016 - Cobra	14.24
	07/27/2016		Vision Insurance 08/2016 - Employees	1,593.34
	07/27/2016		Vision Insurance 08/2016 - R Reznicek	22.54
	07/27/2016		Vision Insurance 08/2016 - P Dorey	14.24
	07/27/2016		Vision Insurance 08/2016 - M Miller	14.24
	07/27/2016		Vision Insurance 08/2016 - J MacKenzie	14.24
	07/27/2016		Vision Insurance 08/2016 - R Vasquez	14.24
53837	07/27/2016	Cal-State Auto Parts Inc	O2 Sensors - Truck 76	128.14
53838	07/27/2016	Canon Solutions America, Inc	Copier Maintenance	42.93
53839	07/27/2016	Carrillo Property Investments	Customer Refund - Closing	115.04
53840	07/27/2016	CDW Government Inc	C2G Ultima Mouse Extension Cable 6 ft	4.06
53841	07/27/2016	Cecilia's Safety Service Inc	Traffic Control - Phillips St	3,080.00
	07/27/2016		Traffic Control - Mar Vista	1,445.00
	07/27/2016		Traffic Control - Oleander St	1,445.00
53842	07/27/2016	City of Oceanside	Weese Treatment 06/2016	923.03
53843	07/27/2016	DIRECTV	DirectTV	73.99
53844	07/27/2016	El Camino Rental	Concrete	159.50
53845	07/27/2016	Electrical Sales Inc	Material for "A" Reservoir SCADA	730.00
53846	07/27/2016	Eurofins Eaton Analytical Inc	Algaecide Samples	200.00
53847	07/27/2016	Ferguson Waterworks	DFW Meter Box Lid Large (8)	494.76
	07/27/2016		DFW Meter Box Lid Small (27)	1,142.51
	07/27/2016		Reducer 10x8 Cast Iron POxFL	122.84
	07/27/2016		Regulator Maintenance Parts	1,185.58
53848	07/27/2016	D.H. Maintenance Services	Janitorial Services 07/2016	1,850.00
53849	07/27/2016	Glennie's Office Products Inc	Office Supplies	24.62
	07/27/2016		Office Supplies	27.08
	07/27/2016		Office Supplies	84.50

Payment Number	Payment Date	Vendor	Description	Amount
	07/27/2016		Office Supplies	75.94
	07/27/2016		Office Supplies	291.87
53850	07/27/2016	InfoSend Inc	Postage 6/2016	4,141.62
	07/27/2016		Data Processing 06/2016	1,729.10
	07/27/2016		Support & Storage 06/2016	1,003.99
53851	07/27/2016	Iron Mountain Records Management	Offsite Data Storage 06/2016	248.42
53852	07/27/2016	J & R Concrete Products, Inc	Precast Concrete Vault and Cover	7,226.40
53853	07/27/2016	Jackson & Blanc	HVAC Service 07/2016-09/2016	2,178.75
53854	07/27/2016	Jeff Threw	Customer Refund - Overpayment	2,000.00
53855	07/27/2016	John Casale	Customer Refund - Closing	154.87
53856	07/27/2016	Lee Steel & Supply Co	Steel Tube	11.50
53857	07/27/2016	Leon Perrault Trucking & Materials	Trucking & Material 06/30/2016	19,090.00
53858	07/27/2016	Major League Pest/Gemini Pest Control	Pest Control Services	85.00
	07/27/2016		Bee Removal Services (10)	850.00
53859	07/27/2016	Mutual of Omaha	STD/LTD Life Insurance 08/2016	5,889.95
53860	07/27/2016	NAPA Auto Parts	Split Loom Wiring, Flood Lamp Bulbs	18.43
	07/27/2016		Anti Slip Pads	73.74
53861	07/27/2016	North County Auto Parts	Gear Oil	75.69
	07/27/2016		Filters, Brake Cleaner, Mounting Bracket	107.18
53862	07/27/2016	North County Ford	Belt Idler Pulley - Truck 15	38.45
53863	07/27/2016	One Source Distributors	Safety Glasses	311.40
53864	07/27/2016	Pacific Pipeline Supply	Reducer, Cap	190.05
	07/27/2016		Romac Parts	200.65
	07/27/2016		Ball Valves (4)	409.83
	07/27/2016		Service Saddle 10x1 C900 PVC (3)	457.64
	07/27/2016		Ball Valve 1" Brass Lockwing (100)	7,389.94
	07/27/2016		Curb Stop 2" FNPT X MNPT (8)	1,946.84
	07/27/2016		Service Saddle 8x2 C900 PVC (10)	1,339.98
	07/27/2016		Nipple 2x4 Brass (20)	230.67
	07/27/2016		Tee 2" Brass (6)	155.85
	07/27/2016		Coupling 2" Brass (12)	227.04
	07/27/2016		Service Saddle 10x1 C900 PVC (3)	457.66
	07/27/2016		Service Saddle 4x2 C900 PVC (2)	202.90
	07/27/2016		Ell 2" Brass 90 Degree St. (20)	523.40
	07/27/2016		Nipple 4x6 Brass (2)	139.81
	07/27/2016		Ell 2" 90 Degree (20)	349.80
	07/27/2016		Bushing 2x1 Brass (10)	114.79
53865	07/27/2016	Pauley Equipment Rental Inc	Hydraulic Oil	112.75

Payment Number	Payment Date	Vendor	Description	Amount
53866	07/27/2016	Pool & Electrical Products Inc	Chlorine	15.82
53867	07/27/2016	Rancho Environmental Service	Removal of Fallen Tree @ E2 Reservoir	1,600.00
53868	07/27/2016	Rawhide Ranch, LLC	VID Picnic 09/11/2016 - Deposit	255.00
53869	07/27/2016	Interstate All Battery Center	Battery - Shop	21.55
53870	07/27/2016	Richard Brady & Associates, Inc	HP Reservoir Structural Evaluation 06/2016	25,503.00
53871	07/27/2016	Valley Camper Sales 2	Truck Rack - Truck 47	523.80
53872	07/27/2016	VG Donuts & Bakery Inc	Board Mtg 06/01/2016	31.00
	07/27/2016		Board Mtg 07/20/2016	82.34
53873	07/27/2016	Western Printing & Graphics	Generic Door Hangers	272.81
53874	08/03/2016	ABABA Bolt	Hardware for Generator Enclosure	91.84
53875	08/03/2016	Airgas USA LLC	Safety Glasses	17.97
	08/03/2016		Oxygen & Acetylene Fuel	347.20
53876	08/03/2016	Allied Electronics Inc	SCADA Terminal Blocks	296.71
53877	08/03/2016	ASBURY ENVIRONMENTAL SERVICES	55 Gallon Drum	49.91
	08/03/2016		Used Oil/Gas Filters Pickup	55.00
53878	08/03/2016	Asphalt Zipper Co	Drum End Shaft, Bearing Rack - AZ1	2,543.94
53879	08/03/2016	AT&T	20Mbps Internet Service 07/19/16-08/18/16	1,076.10
53880	08/03/2016		Calnet 3 06/13/16-07/12/16	960.79
53881	08/03/2016	Auto Specialist Warehouse	Brake Hardware Kits, Calipers, Pads	335.88
	08/03/2016		Brake Caliper Core - Truck 11	(130.00)
53882	08/03/2016	Cardiac Science Corporation	Batteries & Pads for 2 AEDS	674.26
53883	08/03/2016	CDW Government Inc	Logitech Wireless Combo MKS20, Keyboard and Mouse	97.65
	08/03/2016		Fortinet FortiAP 223C Access Points	2,286.05
53884	08/03/2016	Cecilia's Safety Service Inc	Traffic Control - Thibodo	1,210.00
	08/03/2016		Traffic Control - Wesley Way	1,445.00
53885	08/03/2016	City Of Escondido	Escondido Canal Operating Cost 04/16-06/16	89,816.26
	08/03/2016		Escondido Water Treatment Plant 05/16-06/16	271,725.00
53886	08/03/2016	City of Vista	Fire Inspection	75.00
53887	08/03/2016		ROW Permits (7)	4,690.00
53888	08/03/2016	EDCO Waste & Recycling Services Inc	Trash & Recycle 07/2016	206.46
53889	08/03/2016	El Camino Rental	Concrete	198.56
53890	08/03/2016	Electrical Sales Inc	480 Volt Wire	101.70
53891	08/03/2016	Fastenal	D-Rings (4) - Truck 5	50.29
53892	08/03/2016	Ferguson Waterworks	DFW Meter Box Small (20)	1,584.10
	08/03/2016		DFW Meter Box Large (1)	104.16
	08/03/2016		DFW Meter Box Lid Large (1)	82.46
	08/03/2016		DFW Meter Box Lid Small (20)	1,150.10
53893	08/03/2016	Glennie's Office Products Inc	Office Supplies	75.94



Payment Number	Payment Date	Vendor	Description	Amount
	08/03/2016		Office Supplies	678.94
53894	08/03/2016	HD Supply Waterworks	Visqueen 8 mil 3'x100'	229.27
	08/03/2016		Epoxied Spool	756.79
53895	08/03/2016	HDR	FERC Relicensing Consultant 06/2016	617.25
53896	08/03/2016	Hidden Valley Pump Sys Inc	Grundfos CR45-1-1 7.5 HP Pump and Motor	7,085.05
53897	08/03/2016	IDEXX Distribution Corporation	Lab Supplies	194.69
	08/03/2016		Bac-T Bottles	157.65
53898	08/03/2016	Infrastructure Engineering Corporation	AB Line, Meyers Siphon Replacement 04/16-05/16	23,740.00
53899	08/03/2016	Joe's Paving	Road Repair - N. Santa FE Ave	8,331.80
53900	08/03/2016	John Donovan	Customer Refund - Closing	121.66
53901	08/03/2016	Johnny Cuevas	Customer Refund - Overpayment	103.42
53902	08/03/2016	Ken Grody Ford Carlsbad	Brake Pedal Pad - Truck 11	10.42
53903	08/03/2016	Lighthouse Inc	6-Way Trailer Receivers	86.23
53904	08/03/2016	Lightning Messenger Express	Messenger Service 07/15/2016	43.50
53905	08/03/2016	Major League Pest/Gemini Pest Control	Bee Removal	85.00
	08/03/2016		Bee Removal	85.00
	08/03/2016		Bee Removal	85.00
53906	08/03/2016	Moody's	Dump Fee	200.00
	08/03/2016		Dump Fees (3)	600.00
53907	08/03/2016	NAPA Auto Parts	Mats, Decals, Filters	64.55
53908	08/03/2016	North County Auto Parts	Fuel Filter - Truck A21	14.77
53909	08/03/2016	North County Industrial Park	Association Fees 08/2016 -Vacant Lot	256.40
53910	08/03/2016		Association Fees 08/2016 - Headquarter	879.30
53911	08/03/2016	Pacific Pipeline Supply	Nipples & Coupling	290.28
	08/03/2016		Hydrant Meter Locking Collars (4)	455.70
53912	08/03/2016	Rawhide Ranch, LLC	VID Picnic 09/11/2016 - Balance Due	3,345.00
53913	08/03/2016	Raymond Handling Solutions Inc	Electric Forklift Service - F3	98.00
53914	08/03/2016	RC Auto & Smog	Repair Oil Leak, Smog - Truck 16	255.47
53915	08/03/2016	Rincon del Diablo MWD	MD Reservoir Water Service 07/2016	36.81
53916	08/03/2016	Rutan & Tucker LLP	Legal 06/2016	5,213.72
	08/03/2016		Legal 06/2016	4,948.17
	08/03/2016		Legal 06/2016	2,665.11
	08/03/2016		Legal 06/2016	1,377.00
	08/03/2016		Legal 06/2016	204.00
	08/03/2016		Legal 06/2016	1,810.50
	08/03/2016		Legal 06/2016	375.91
53917	08/03/2016	San Diego Gas & Electric	Electric 06/2016 - Cathodic Protection & T&D	218.73
	08/03/2016		Electric 06/2016 - Reservoirs	96.73

Payment Number	Payment Date	Vendor	Description	Amount
	08/03/2016		Electric 06/2016 - Pump Stations	8,043.10
	08/03/2016		Electric 06/2016 - Plants	93.59
53918	08/03/2016	San Diego Union-Tribune LLC	Employment Advertising	250.00
53919	08/03/2016	Shred-it USA LLC	Shredding Service	473.00
53920	08/03/2016	SignArt	Foam Board for Maps	47.52
53921	08/03/2016	Southern Counties Lubricants, LLC	Fuel 07/01/15-07/15/16	4,057.57
53922	08/03/2016	Sunrise Materials Inc	Rock	56.42
	08/03/2016		Concrete 90lb bag (210)	1,297.00
	08/03/2016		Concrete 5 GL SpeedCrete (12)	629.96
	08/03/2016		Water Plug Tub 10lb Quickcrete (40)	1,069.81
53923	08/03/2016	Tegriscap Inc	Landscape Service 07/2016	1,840.00
53924	08/03/2016	The Equity Company	Customer Refund - Closing	82.13
53925	08/03/2016	The Nyhart Company	Actuarial Valuation 05/2016-06/2016	1,250.00
53926	08/03/2016	Midas Service Experts	Tires/Mounting/Alignment - Truck 18	847.55
53927	08/03/2016	TS Industrial Supply	Wrench 36" Meter Box Lid (3)	95.70
	08/03/2016		Shovel 4" Trench Straight (6)	89.84
	08/03/2016		Wrench 24" Meter Box Lid (5)	157.33
	08/03/2016		Abrasive Roll 120G (30)	485.97
	08/03/2016		Towel Wypall X80 (25)	800.19
	08/03/2016		Cutter 24" Bolt (2)	104.16
	08/03/2016		Marking Paint Roller (6)	117.18
	08/03/2016		Towel 1CG47 Scrub (25)	379.75
53928	08/03/2016	Tyler Technologies Inc	Utility Billing Service	2,187.50
53929	08/03/2016	UniFirst Corporation	Uniform Service	334.65
	08/03/2016		Uniform Service	332.42
	08/03/2016		Uniform Service	329.46
53930	08/03/2016	Verizon Wireless	Air Cards 06/13/16-07/12/16	76.02
	08/03/2016		Cell Phone Service 06/16/16-07/15/16	1,525.89
53931	08/03/2016	Vinje & Middleton Engineering Inc	Septic System Design	6,080.00
53932	08/03/2016	Vista Firestone Brake & Smog	Tires & Mounting (2) - Truck 34	308.22
53933	08/03/2016	Vortex Industries Inc	Service & Repair Lunchroom Door	2,120.24
53934	08/03/2016	Vulcan Materials Company and Affiliates	Cold Mix	1,041.34
53935	08/03/2016	WilmerHale	Legal 06/2016	14,562.20
<b>Grand Total:</b>				<b>628,080.15</b>



## STAFF REPORT

Agenda Item: 7

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Frank Wolinski  
**Reviewed By:** Don Smith  
**Approved By:** Eldon Boone

SUBJECT: 2016 TRIENNIAL PUBLIC HEALTH GOAL REPORT

RECOMMENDATIONS:

- 1) Conduct a public hearing for the purpose of soliciting and responding to public comment on the Vista Irrigation District's 2016 Triennial Public Health Goal Report (2016 PHG Report); and
- 2) Accept the 2016 PHG Report.

PRIOR BOARD ACTION: The Board adopted the Vista Irrigation District's Report on Water Quality Relative to Public Health Goals for the period 2010 through 2012 on August 21, 2013.

FISCAL IMPACT: None.

SUMMARY: Section 116470(b) of the California Health and Safety Code requires public water systems serving more than 10,000 service connections to prepare a brief written report triennially that informs the public when it detects one or more contaminants in drinking water that exceed the applicable Public Health Goal. Part (c) of the same code section requires that the public water system conduct a public hearing for the purpose of accepting and responding to public comment on the report.

DETAILED REPORT: Public Health Goals (PHG's) are non-enforceable goals established by the State of California (California Environmental Protection Agency, Office of Environmental Health and Hazard Assessment – OEHHA). The State deems PHG's as "concentrations of contaminants in drinking water that ... pose no significant health risk if consumed for a lifetime." PHG's should be distinguished from the regulatory Maximum Contaminant Level (MCL), which is the enforceable maximum concentration of a contaminant in drinking water that the State considers safe for public health. For chemical contaminants with California MCL's, but no corresponding California PHG, the State requires that the Federally established Maximum Contaminant Level Goal (MCLG) be used for the purpose of complying with the requirement of public notification. MCLG's are similar to PHG's in that they are strictly health based standards that include a margin of safety. Unlike PHG's, however, the MCLG's for carcinogens are set at zero because the USEPA assumes there is no absolutely safe level of exposure to them. California PHG's for carcinogens are set at a level considered to pose no significant risk of cancer, usually one-in-a-million excess cancer risk over a lifetime.

The apparent purpose of the legislative requirement to prepare a PHG Report and present it at a public hearing is to give water system customers access to information on levels of contaminants even below the enforceable mandatory MCL. Information presented in the PHG Report includes, where available, the numerical public health risk, the category of health risk, the best treatment technology available to remove or reduce the constituent, and an estimate of the cost to install the treatment.

The District's 2016 PHG report concludes that: "Vista Irrigation District's water quality meets all state and federal drinking water standards set to protect public health. ...[N]o action to incorporate new treatment technologies to reduce constituent levels to below PHG or MCLG levels is proposed."

The notice of public hearing on August 17, 2016 at 8:30 AM to receive public comment relative to the Vista Irrigation District's 2016 PHG Report was duly posted and published in a newspaper of general circulation in the District's service area on August 9 and August 14, 2016. A copy of the 2016 PHG Report was made available for public review at the District's office located at 1391 Engineer Street in Vista on August 8, 2016. The document was also made available for public review on the District's website.

ATTACHMENTS: Notice of Public Hearing.  
2016 Triennial Public Health Goal Report



1391 Engineer Street • Vista • California 92081-8840

Phone: (760) 597-3100 • Fax: (760) 598-8757

[www.vidwater.org](http://www.vidwater.org)

**Board of Directors**

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Jo MacKenzie

Marty Miller

Randy L. Reznicek

**Administrative Staff**

Eldon L. Boone

*General Manager / Treasurer*

Brett L. Hodgkiss

*Assistant General Manager*

Lisa R. Soto

*Board Secretary*

Joel D. Kuperberg

*General Counsel*

**NOTICE OF PUBLIC HEARING**

In accordance with State of California Health and Safety Code Section 116470 (c), notice is hereby given that the Vista Irrigation District will hold a public hearing for the purposes of receiving comments concerning Vista Irrigation District's "2016 Triennial Public Health Goal Report."

Copies of the report are available for public review at the following location:

Vista Irrigation District  
1391 Engineer Street  
Vista, CA 92081

The public hearing will be held at 8:30 AM on Wednesday, August 17, 2016, at 1391 Engineer Street, Vista, CA 92081. All interested parties are invited to attend said public hearing to express opinions and/or present evidence relative to this matter.

Further information may be obtained at the District Secretary's office by telephoning (760) 597-3128, between 8:00 a.m. and 5:00 p.m., Monday through Friday.

A handwritten signature in blue ink, appearing to read "Lisa R. Soto", is written over a horizontal line.

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

# The San Diego Union-Tribune

**Bill To:**

Vista Irrigation District - CU00467333  
1391 Engineer Street  
Vista, CA 92081

This space is for the County Clerk's Filing Stamp

RECEIVED

AUG 18 2016

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**PROOF OF PUBLICATION  
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**STATE OF ILLINOIS  
County of Cook**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of

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**Proof of Publication of**

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See Attached

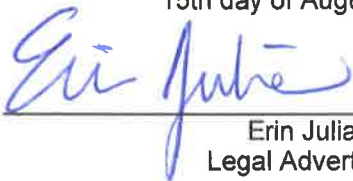
**The San Diego Union Tribune**

Formerly known as the North County Times and UT North County and which newspaper has been adjudicated as a newspaper of general circulation by the Superior Court of the County San Diego, State of California, for the City of Oceanside and the City of Escondido, Court Decree numbers 172171, 171349, for the County of San Diego that the notice of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of the said newspaper and in any supplement thereof on the following dates, to-wit:

Aug 09, 2016; Aug 14, 2016

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dated at Chicago, Illinois on this  
15th day of August, 2016



---

Erin Julian  
Legal Advertising

# The San Diego Union-Tribune

**Bill To:**

Vista Irrigation District - CU00467333  
1391 Engineer Street  
Vista, CA 92081

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



**2016**

**Triennial Public Health Goal  
Report**



# 2016

## Triennial Public Health Goal Report

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# 2016 Triennial Public Health Goal Report

California Health and Safety Code Section 116470(b)

## Background

Provisions of the California Health and Safety Code specify that public water systems serving more than 10,000 service connections prepare a special report if any of their water quality measurements have exceeded any Public Health Goals (PHG's). PHG's are non-enforceable goals established by the Cal-EPA's Office of Environmental Health Hazard Assessment (OEHHA). The law also requires that where OEHHA has not adopted a PHG for a constituent, the water suppliers are to use the non-enforceable Maximum Contaminant Level Goals (MCLG's) adopted by the United States Environmental Protection Agency (USEPA).

If a constituent was detected in Vista Irrigation District's (District's) water supply in the years 2013 through 2015 at a level exceeding an applicable PHG or MCLG, this report identifies the constituent and provides the information required by the law. Where available, the numerical public health risk, the category of health risk, the best treatment technology available to remove or reduce the constituent and an estimate of the cost to install the treatment are included.

## Public Health Goals (PHG's)

PHG's are based solely on public health risk considerations. None of the practical risk-management factors that are considered by the USEPA or the California Division of Drinking Water (DDW) in setting drinking water standards (Maximum Contaminant Levels or MCL's) are considered in setting the PHG's. These factors include analytical detection capability, treatment technology available, benefits and costs. ***The PHG's are not enforceable and are not required to be met by any public water system. MCLG's are the federal equivalent to PHG's.***

## Water Quality Data Considered

All the water quality data collected for the District system in 2013, 2014, and 2015 for purposes of determining compliance with drinking water standards was considered. This data was summarized in the annual Consumer Confidence Reports (CCRs) for the same years which were mailed to our customers in 2013 and made available to customers online via the District's website for 2014 and 2015. Paper copies of the 2014 and 2015 CCRs were provided to customers upon request.

## **Best Available Treatment Technology and Cost Estimates**

Both the USEPA and the DDW adopted what are known as Best Available Technologies (BAT's). These methods are some of the most effective at reducing constituent levels to or below the MCL. Costs can be estimated for such technologies. However, since many PHG's and all MCLG's are set much lower than the MCL, it is not always possible to determine what treatment is needed to further reduce a constituent downward to or near the PHG or MCLG, many of which are set at zero. Estimating the costs to reduce a constituent to zero is difficult, if not impossible because it is not possible to verify by analytical means that the level has been lowered to zero. In some cases, installing treatment to try and further reduce very low levels of one constituent may have adverse effects on other aspects of water quality.

### **2013-2015 Constituents detected that exceed a PHG or MCLG**

Constituent	Units	MCL	PHG (MCLG)	Highest Level Detected		
				2013 (Location)	2014 (Location)	2015 (Location)
Arsenic	ug/L	10	0.004	<b>2.0</b> (a)	<b>3.4</b> (a)	<b>3.0</b> (a)
Chlorite	mg/L	1	0.05	<b>0.68</b> (b)	<b>0.73</b> (b)	<b>0.70</b> (b)
Copper	mg/L	1.3	0.3	<b>NA</b>	<b>NA</b>	<b>0.55*</b> (d)
Uranium	pCi/L	20	0.43	<b>3.6</b> (c)	<b>3.6</b> (c)	<b>3.6</b> (c)
Coliform Bacteria	Presence	>5% per month	0% per month	0.00% (d)	0.97% (d)	0.97% (d)

(a)= Twin Oaks Water Treatment Plant

(b)= Escondido/Vista Water Treatment Plant

(c)= Robert A. Weese Filtration Plant

(d)= Vista Irrigation District

\* = 90<sup>th</sup> percentile

The following is a discussion of constituents that were detected in the District's source water or distributed water at levels above the PHG, or if no PHG, above the MCLG.

### **Coliform Bacteria**

Each month, District employees collect 100 to 125 samples from the distribution system for coliform analysis. Occasionally, a sample was found to be positive for coliform bacteria, but repeat samples were negative in all cases. In any given month, a

maximum of 0.97% of the samples, or 1 sample, was coliform positive. The MCL for coliform bacteria is >5% positive samples out of all samples analyzed per month.

The MCLG for coliform bacteria is zero. Coliforms are indicator organisms that are not generally considered harmful, but may indicate the presence of potential pathogens. Pathogens are organisms that may cause waterborne disease. The reason for the coliform standard is to minimize the possibility of water containing pathogens. Coliform is only a surrogate indicator of the potential presence of pathogens, so it is not possible to state a specific numerical health risk.

There are many steps that the District takes to minimize the potential for coliform bacteria. They are:

- Maintain and monitor the disinfectant residual throughout the distribution system
- Utilize clean, self-contained distribution sample test points.
- Maintain positive pressures in the distribution system.
- Maintain an effective cross-connection control program.

## **Arsenic**

The MCL for arsenic is 10 ug/L. A PHG of 0.004 ug/L was adopted by OEHHA in 2004. The level of arsenic detected in source water supplied by the Twin Oaks Water Treatment Plant was 2.0 ug/L in 2013, 3.4 ug/L in 2014 and 3.0 ug/L in 2015.

The EPA states, "Some people who drink water containing arsenic in excess of the MCL for many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer." The cancer health risk is  $1 \times 10^{-6}$  (1 per million) at the PHG and  $2.5 \times 10^{-3}$  (2.5 per thousand) at the MCL.

The following treatment methods have proven effective for removing arsenic to below the MCL of 10 ug/L: adsorption media, ion exchange, coagulation/ filtration, oxidation/filtration, and point of use or point of entry treatment using activated alumina or reverse osmosis.

It is unclear whether treatment to lower arsenic below the PHG would be feasible, as BAT's are designated for treatment to achieve compliance with the corresponding MCL only, and not PHGs. Also, it should be noted that cost estimates are developed for treatment to the MCL and not to the lower PHG level.

## **Chlorite**

Chlorite is a disinfection byproduct produced in the treatment of drinking water with chlorine dioxide. Chlorine dioxide has been used to control tastes and odors associated with algae and decaying vegetation in the raw water supply, as well as to lower the concentration of disinfectant-by-products such as total trihalomethanes (TTHMs) and

haloacetic acid (five) (HAA5) in drinking water. Chlorine dioxide was applied seasonally at the Escondido/Vista Water Treatment Plant when Lake Wohlford water was used as part of the raw water supply.

The MCL for chlorite is 1.0 mg/L. A PHG of 0.05 mg/L for chlorite was adopted by OEHHA in 2009. Chlorite was detected at the effluent of the Escondido/Vista Water Treatment Plant during those periods that chlorine dioxide was being applied at an average of 0.63 mg/L in 2013, 0.55 mg/L in 2014 and a 0.59 mg/L in 2015.

Several studies reveal that oral exposure to chlorite can result in hematological, endocrine, reproductive, and gastrointestinal effects, as well as changes in neurobehavioral development at levels higher than the MCL.

There are no acceptable carcinogenicity studies on chlorite; however, the existing lower-quality cancer studies and the limited positive genotoxicity data suggest that chlorite may be a weak carcinogen or have carcinogenic potential.

## **Copper**

There is no MCL for copper. Instead, the 90<sup>th</sup> percentile value of all samples from household taps in the distribution system cannot exceed an Action Level of 1.3 mg/L for copper. This means that 90% of the samples must be below the Action Level. All 53 samples (100%) collected in 2015 were below the action level. The PHG for copper is 0.3 mg/L. Of all the samples collected in 2015 for copper, 20 of the 53 were higher than the 0.3 mg/L PHG.

The category of health risk for copper is gastrointestinal irritation. Numerical health risk data on copper has not yet been provided by OEHHA.

The District's water system is in full compliance with the Federal and State Lead and Copper Rule. Based on our sampling, it was determined according to State regulatory requirements that we are below the Action Level for Copper. Therefore we are deemed by DDW to have "optimized corrosion control" and are placed on a reduced monitoring schedule of once every three years.

There is no detectable copper in the water that the District receives from its various sources. Research has shown that elevated copper levels may still be observed in household water taps due to the corrosion of copper and brass fittings in household plumbing. Optimizing water quality parameters to minimize corrosion is considered the best available technology for reducing the incidence of elevated household tap copper levels. The District monitors water quality parameters which relate to corrosion, such as pH, hardness, alkalinity and total dissolved solids.

Since the District meets the "optimized corrosion control" requirements, it is not prudent to initiate additional treatment which would involve the addition of other chemicals which could raise other water quality issues. Therefore, no estimate of cost has been included.

## **Uranium**

Uranium is a naturally occurring radioactive element found in the earth's crust and is present in ground and surface waters due to its natural occurrence in geological formations. The MCL for uranium is 20 pCi/L. A PHG of 0.43 pCi/L for uranium was adopted by OEHHA in 2001.

The level of uranium detected in source water supplied by Metropolitan Water District of Southern California averaged 1.0 pCi/L in 2013 and 2.0 pCi/L in 2014-2015. Samples taken from the source water supplied by the Twin Oaks Water Treatment Plant averaged 2.0 pCi/L (2013-2015). Source water analyzed from the Weese Treatment Plant averaged 3.6 pCi/L (2013-2015).

The presence of uranium increases the risk of cancer and is toxic to kidney function. The cancer health risk is  $1 \times 10^{-6}$  (1 per million) at the PHG and  $5 \times 10^{-5}$  (5 per hundred thousand) at the MCL. Uranium intake from water is about equal to the total from other dietary components.

The BAT's to lower the level of uranium below the MCL include the following:

- Enhanced coagulation followed by filtration
- Lime softening
- Ion exchange
- Reverse osmosis.

The first technique, enhanced coagulation followed by filtration is a technology that is applicable to surface waters and is utilized at the treatment plants when warranted by raw water conditions.

Lime softening and ion exchange are not used at the EVWTP as the plant was not designed to facilitate these technologies. Extensive plant redesign would be required to incorporate them and the effort is impractical due to the space limitations of the treatment plant site.

It is unclear whether treatment to lower uranium below the PHG would be feasible, as BAT's are designated for treatment to achieve compliance with the corresponding MCL only, and not PHGs. Likewise, it should be noted that cost estimates are developed for treatment to the MCL and not to the lower PHG level.

## **RECOMMENDATIONS FOR FURTHER ACTION:**

Vista Irrigation District's water quality meets all state and federal drinking water standards set to protect public health. The levels of the constituents identified in this report are already significantly below the health-based Maximum Contaminant Levels established to provide "safe drinking water." The effectiveness of additional costly treatment processes to provide any significant reductions in constituent levels at these

already low values is uncertain. The health protection benefits of these further hypothetical reductions are not clear and may not be quantifiable. Therefore, no action to incorporate new treatment technologies to reduce constituent levels to below PHG or MCLG levels is proposed. The District continuously monitors and assesses water quality parameters to ensure compliance with all state and federal regulations for safe drinking water. Although, the District does not treat drinking water, the District utilizes operational controls, monitoring, testing, data collection and analysis, and partnering with our water providers and regulatory authorities to ensure that the water we deliver meets the highest quality water standards feasible.



## STAFF REPORT

Agenda Item: 8

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Randy Whitmann  
**Reviewed By:** Brian Smith  
**Approved By:** Eldon Boone

SUBJECT: HP RESERVOIR REHABILITATION

RECOMMENDATION: Authorize staff to negotiate a design-build (DB) contract with Richard Brady & Associates (Brady) for the HP Reservoir Rehabilitation.

PRIOR BOARD ACTION:

5/11/16 Authorized the HP Reservoir Structural Evaluation

7/20/16 Authorized the HP Reservoir Rehabilitation Design

FISCAL IMPACT: The Fiscal Year 2017 Capital Budget includes \$3 million for the HP Reservoir Rehabilitation project.

SUMMARY: The HP Reservoir is a 5 million gallon (MG), pre-stressed concrete tank constructed in the early 1960s and located at the end of Edgehill Road. It is one of two 5 MG tanks that serve the highest elevations in the eastern part of the District's system. In addition to their immediate service areas, both tanks also assist the nearby 20 MG Pechstein Reservoir in providing regional operation, emergency, and fire flow storage. The HP Reservoir has been taken out of service until structural repairs can be accomplished. Although the distribution system can be operated without the HP Reservoir in service, it does present a variety of operational constraints and complexities, especially during higher demand periods. Therefore, staff recommends making every effort to complete repairs before next summer.

A structural evaluation of the reservoir has been completed and design efforts are underway. Scheduling estimates show that there is a long fabrication lead time for a new aluminum roof and that there are other critical path items that can be accomplished during the design phase. Therefore, staff recommends contracting the construction through a DB approach so that the tank can be put back in service in the most timely and cost efficient manner.

DETAILED REPORT: Attached is a design/construction schedule comparison between a DB and design-bid-build (DBB) approach. With DBB, the entire design is completed and the general contractor is selected following a public advertisement, bidding, and contracting process. As shown on the attached schedule, using the DB approach will save approximately 7 months of time as compared to the DBB approach and allow the reservoir to be in service by the summer of 2017.

With schedule duration being the most critical component of the project, balanced with cost control measures, a DB approach is proposed where each component of the project is competitively bid out to subcontractors. Following discussions with District Legal Counsel and Brady, the following contract terms are proposed as a basis for formation of a DB contract with Brady:

- Brady provides design services through an existing professional services agreement.
- Brady becomes the construction manager (CM) and general contractor (GC) by separate contract and is responsible for overall project coordination and construction.
- Brady bids each specialty work package per District requirements (unless approved to sole source certain items).



- Brady enters into contracts with selected bidder(s) with approval from the District.
- Brady manages project and subs, including reviewing and approving invoices and change orders.
- All invoices and change orders are forwarded to the District for final approval.
- District pays Brady, Brady pays subs.

Using the aforementioned terms as guidelines, staff recommends that the Board authorize staff to negotiate a DB contract with Brady for the HP Reservoir Rehabilitation, which will be brought to the Board for final approval. Representatives from Brady and Associates will be in attendance to answer any questions the Board may have.

ATTACHMENTS: Construction Schedule Comparison





## STAFF REPORT

Agenda Item: 9

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Don Smith  
**Reviewed By:** Brett Hodgkiss  
**Approved By:** Eldon Boone

**SUBJECT:** CONCESSION MANAGEMENT AGREEMENT AMENDMENT

**RECOMMENDATION:** Authorize the General Manager to execute the Seventh Amendment to the Concession Management Agreement for the Lake Henshaw Recreation Area.

**PRIOR BOARD ACTION:** On August 18, 2010, the Board authorized the General Manager to execute the Sixth Amendment to the Concession Management Agreement and accept the Second Trespass Sublease Agreement, which extend the concession management and hunting activities on the Warner Ranch.

**FISCAL IMPACT:** There is no fiscal impact associated with the proposed amendment to Concession Management Agreement (Agreement).

**SUMMARY:** The Concession Management Agreement for the Lake Henshaw Recreation Area was entered into on April 3, 1995. Since that time, six amendments have been executed, with the most recent amendment extending concession management and hunting activities on Warner Ranch through December 2017. The Seventh Amendment proposes to change provisions related to timing of payments, submittal of records and annual audited statements.

**DETAILED REPORT:** The Agreement states that payments to the District are to be made on or before the fifteenth day of each calendar month. To give sufficient time for the concessionaire, Lake Henshaw Resorts, Inc., to make payments after receipt of an invoice from the District, staff proposes to amend the Agreement language to make payments due thirty (30) days from receipt of invoice.

In 2013, the concessionaire asked if the District would accept an accountant's review report in lieu of an audit report to fulfill the terms of the Agreement. (**NOTE:** The review report is of narrower scope than an audit and does not assess internal controls/fraud risks or test accounting records.) The District agreed to accept the accountant's review report on a temporary basis, assessing whether the reports provided adequate review of the concessionaire's finances. No problems have been identified in the review reports. Given the size of the business, scope of work and risk to the District, staff proposes to change Agreement language to require an accountant's review report rather than an audit report. Staff also recommends changing the submittal date to May 31 instead of May 1.

Currently, the concessionaire is required to submit monthly statements by the fifteenth of each month. The timeframe is difficult for the concessionaire to meet; typically, the statements are received by the twenty-fifth day of the month. Staff is recommending that the submittal date be change to the twenty-fifth of each month to provide the concessionaire reasonable time to produce the statements.

A redline version of the proposed language changes is included as an attachment. Staff spoke with the concessionaire, and they consent to the proposed changes.

**ATTACHMENTS:**

- 1) Seventh Amendment to Concessionaire Management Agreement
- 2) Redline version of proposed language changes

# CONCESSION MANAGEMENT AGREEMENT

## Seventh Amendment

This Seventh Amendment entered into as of \_\_\_\_\_ by and between Lake Henshaw Resort, Inc. (hereinafter referred to as CONCESSIONAIRE) and the Vista Irrigation District (hereinafter referred to as DISTRICT).

The Parties entered into a Concession Management Agreement, dated April 3, 1995, (hereinafter the AGREEMENT) by which CONCESSIONAIRE manages the operation, maintenance and capital improvement of DISTRICT owned public recreation facilities and mobile home/recreational vehicle park at Henshaw Reservoir as well as hunting, fishing and camp activities throughout the Warner Ranch, which is owned by the DISTRICT. In accordance with the terms and conditions of the AGREEMENT, the Parties wish to amend paragraphs 3.3 (b), 3.7 (c) and 3.7 (d) (ii), as described in Attachment "A" to this Amendment. All other terms and conditions of the original AGREEMENT remain in full force.

### **Vista Irrigation District**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### **Lake Henshaw Resort, Inc.**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## ATTACHMENT "A"

### 3.3 Concession Agreement Payment

#### (b) Timing of Payment

Payment to the District shall be made no later than thirty (30) days from receipt of invoice from the District. The payment shall be based on Adjusted Gross Receipts of the preceding calendar month and shall be paid to District at its principal office in Vista, California. In the event a payment is not made on or before the due date herein provided, Concessionaire shall pay to District a late charge on said unpaid amount at the rate of one and one half percent (1.5%) per month from and after the due date thereof until the date of payment.

### 3.7 Concessionaire's Records

#### (c) Monthly Statements by Concessionaire

Concessionaire shall furnish to District, on or before the twenty-fifth (25<sup>th</sup>) day of each calendar month during the term of this Agreement, an itemized statement, broken down by revenue categories, showing the Adjusted Gross Receipts from Concessionaire's operations under this Agreement during the preceding calendar month. Such statement shall also include attendance by category.

#### (d) Annual Reviewed Financial Statements by Concessionaire

(ii) On or before May 31 of each year, Concessionaire shall submit to District reviewed financial statements (including an independent accountant's review report thereon) for the previous Fiscal Year of operations. Copies of any management letters issued by the Concessionaire's independent accountants shall be submitted to District within thirty (30) days of issuance. The cost of obtaining reviewed financial statements shall be borne solely by Concessionaire.

CONCESSION MANAGEMENT AGREEMENT  
Proposed Changes - Redline

3.3 Concession Agreement Payment

(b) Timing of Payment

~~The payment to District shall be made on or before the fifteenth day of each calendar month~~Payment to the District shall be made no later than thirty (30) days from receipt of invoice from the District. The payment shall be based on Adjusted Gross Receipts of the preceding calendar month and shall be paid to District at its principal office in Vista, California. In the event a payment is not made on or before the due date herein provided, Concessionaire shall pay to District a late charge on said unpaid amount at the rate of one and one half percent (1.5%) per month from and after the due date thereof until the date of payment.

3.7 Concessionaire's Records

(c) Monthly Statements by Concessionaire

Concessionaire shall furnish to District, on or before the ~~fifteenth~~twenty-fifth (25<sup>th</sup>) day of each calendar month during the term of this Agreement, an itemized statement, broken down by revenue categories, showing the Adjusted Gross Receipts from Concessionaire's operations under this Agreement during the preceding calendar month. Such statement shall also include attendance by category.

(d) Annual ~~Audited~~Reviewed Financial Statements by Concessionaire

(ii) On or before May ~~1-31~~ of each year, Concessionaire shall submit to District ~~audited~~reviewed financial statements (including an independent ~~auditor's~~accountant's review report thereon) for the previous Fiscal Year of operations. Copies of any management letters issued by the Concessionaire's independent ~~auditors~~accountants shall be submitted to District within 30 days of issuance. The cost of obtaining ~~audited~~reviewed financial statements shall be borne solely by Concessionaire.



# STAFF REPORT

Agenda Item: 10

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Don Smith  
**Reviewed By:** Brett Hodgkiss  
**Approved By:** Eldon Boone

SUBJECT: POWER PURCHASE AGREEMENT

RECOMMENDATION: Authorize the General Manager to enter into a multi-year power purchase agreement with Direct Energy Business, LLC (Direct Energy) for the purchase of electrical power.

PRIOR BOARD ACTION: The Board authorized a power purchase agreement with Strategic Energy, LLC in 2001 and with Direct Energy in 2013.

FISCAL IMPACT: The anticipated commodity price for electrical power under the proposed agreement will be fixed during the period of the agreement, and is expected to range between \$0.043 per kilowatt-hour (kwh) and \$0.050/kwh, depending on market forces and the period of the agreement (one to five years). During the last 3-year agreement with Direct Energy, the District paid a fixed commodity price of \$0.04977/kwh, and the average annual payment to Direct Energy was about \$256,000 per year. In June 2016, the unit cost of power from San Diego Gas & Electric (SDG&E) was \$0.09239/kwh to \$0.1676/kwh (depending on time-of-use), and the unit cost of power from the solar project was \$0.1565/kwh.

SUMMARY: Direct Energy is only able to honor quotes for power prices for long term power purchase agreements for a 24-hour period. Final pricing for August 17, 2016 will be provided at the Board meeting. As of the preparation of this staff report, Direct Energy was offering pricing about 10% less than the current 36-month contract:

<u>Duration of Agreement</u>	<u>Cost per kwh</u>
12-month	\$0.04431
24-month	\$0.04428
36-month	\$0.04437
48-month	\$0.04451
60-month	(not quoted)

DETAILED REPORT: Most SDG&E customers are “Bundled Service” customers, meaning that SDG&E provides both the power and the delivery of that power to the customer. As a “Direct Access” customer, the District is able to separate its electrical power costs into two components: 1) the cost of scheduling, delivering and metering electrical power, which the District pays to SDG&E; and 2) the cost of producing the electrical power itself, for which the District is able to contract with third party power providers. In addition, the District has entered into a contract to purchase solar power generated at the District headquarters.

For the last three fiscal years, actual payments for electrical power are summarized below. For Direct Energy and Solar, these payments are exclusively for power generation. For SDG&E, these payments are chiefly for scheduling, delivering and metering, but also include some power generation for accounts not included in the Direct Energy contract.

<u>Power Provider</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>
Direct Energy	\$263,373	\$244,250	\$260,891
SDG&E	\$277,937	\$344,058	\$373,345
Solar Power	\$56,455	\$61,898	\$64,339

**Power Purchase Agreement**  
**Direct Energy Pricing Comparision**  
 As of August 17, 2016

Description	Assumed annual usage kwh	Rate \$/kwh	Annual energy cost \$	Annual Savings from Current Contract \$	Savings over life of contract \$
<b>Contract Ending July 2016</b>	5,143,661	0.04977	\$ 256,000	-	-
<b>Contract Beginning August 2016</b>					
12 month fixed price	5,143,661	0.04439	\$ 228,327	\$ 27,673	\$ 27,673
24 month fixed price	5,143,661	0.04435	\$ 228,121	\$ 27,879	\$ 55,757
36 month fixed price	5,143,661	0.04439	\$ 228,327	\$ 27,673	\$ 83,019
48 month fixed price	5,143,661	0.04440	\$ 228,379	\$ 27,621	\$ 110,486
60 month fixed price	5,143,661	0.04481	\$ 230,487	\$ 25,513	\$ 127,563





## STAFF REPORT

Agenda Item: 11

<b>Board Meeting Date:</b>	<b>August 17, 2016</b>
<b>Prepared By:</b>	<b>Randy Whitmann</b>
<b>Reviewed By:</b>	<b>Brian Smith</b>
<b>Approved By:</b>	<b>Eldon Boone</b>

**SUBJECT:** NORTH SAN DIEGO WATER REUSE COALITION RESPONSE TO GRAND JURY

**RECOMMENDATION:** Authorize the General Manager to sign the response letter to the San Diego Grand Jury's Report regarding the North San Diego Water Reuse Coalition (NSDWRC).

**PRIOR BOARD ACTION:** None.

**FISCAL IMPACT:** None.

**SUMMARY:** The District is a member of the NSDWRC, a group of ten water and wastewater agencies that have formed to promote water reuse. In their efforts, the group has prepared a feasibility study to analyze the recycled water facilities and demands for each agency, with the goal to develop a regional recycled water project that includes interagency connections to increase the capacity and connectivity of the recycled water storage and distribution systems.

The San Diego Grand Jury, which investigates the operations of governmental programs of the County, cities, and special districts, has reviewed the NSDWRC's feasibility study and issued a formal report. While the report is very positive, and includes a commendation to the group, it presents several findings and recommendations by which the group agency members are required to respond.

Attached is the Grand Jury Report and NSDWRC's response, which has been reviewed and approved by all signatories.

**ATTACHMENTS:** Grand Jury Report Response  
Grand Jury Report



**NORTH SAN DIEGO**  
**WATER REUSE**  
c o a l i t i o n

August xx, 2016 (Deadline is 8/30)

Judge Jeffrey B. Barton  
Presiding Judge of Superior Court  
Main Courthouse  
Third Floor  
220 West Broadway  
San Diego, CA 92101

**Re: Grand Jury Report: “North San Diego Water Reuse Coalition”**

Dear Judge Barton,

The North San Diego Water Reuse Coalition would like to thank the San Diego Grand Jury for its consideration of the Coalition in its May 31 report. The Coalition very much appreciates the Grand Jury’s interest in the development of local, sustainable water supplies and the Grand Jury’s commendation of the Coalition’s approach thereto.

Pursuant to California Penal Code section 933(c), please find below the response of the Coalition to the findings and recommendations presented in the report.

Additionally, the Coalition would like to offer some clarity as to a statement in the report about the Coalition’s current membership. The report indicates that Table 1 shows the Coalition’s ten partner agencies. Please note that Rancho Santa Fe Community Services District, Whispering Palms Community Services District, and Fairbanks Ranch Community Services District do not currently participate in the

Coalition. Encina Wastewater Authority is not a direct participant in the Coalition, but its interests are represented on the Coalition by its member agencies Vallecitos Water District, Carlsbad Municipal Water District and Leucadia Wastewater District. Santa Fe Irrigation District and Vista Irrigation District, not shown in Table 1, are direct participating members. Please find, attached as Exhibit A, updated Tables 2-5 and 2-16 that accurately reflect all participating agencies and provide updated recycled water demands for each agency.

## **FINDINGS**

**Finding 01:** The treated water will replace imported drinking water currently used for irrigation and industrial purposes, and will increase regional drinking water supply and reliability.

**Response:** The Coalition agrees with the finding.

Water reuse offers local agencies excellent opportunities by which to diversify their water supply portfolios. Every drop of water converted to a reclaimed source is one more drop of potable water available to end water users in the region.

**Finding 02:** Expanding Coalition membership in North County would increase the capacity and connectivity of the recycled water project.

**Response:** The Coalition agrees with the finding.

Opportunities for expanding water reuse are abundant and as such, a greater number of local agencies are now investigating those opportunities. Coalition members are open to the idea and continue to coordinate with interested agencies.

**Finding 03:** Rainwater capture would be a valuable addition to the project's suite of measures to diversify local water supply.

**Response:** The Coalition disagrees partially with the finding.

While the Coalition agrees that in some situations rainwater capture and reuse projects can be viable, in many cases regulatory constraints along with exorbitant costs undermine project viability. That said, the Coalition continues to support the pursuit of stormwater capture and reuse projects as many of the Coalition partners are currently participating in the development of the *San Diego Integrated Regional Water Management (IRWM) Program Stormwater Capture and Use Feasibility Study*. Through this regional study, the Coalition will

determine methods and “best practices” by which to pursue these types of projects in the future.

**Finding 04:** Coalition sales of recycled water to Caltrans could reduce the use of tap water for irrigation.

**Response:** The Coalition agrees with the finding.

Coalition members including the City of Oceanside, Rincon del Diablo MWD, Vista Irrigation District and City of Escondido continue working with Caltrans to expand the existing use of recycled water to applicable locations.

## **RECOMMENDATIONS**

**Recommendation 16-39:** Reach out to neighboring non-member agencies to further diversify supply lines.

**Response:** The recommendation has not yet been implemented, but will be implemented in the future.

Existing Coalition members have executed Joint Cost Sharing agreements that pertain to the procurement of federal grant funds. Once the initial round of federal grant money is procured based on the current agreements, Coalition members will open up to other agencies and expand the Coalition. While no definitive timetable exists for the procurement of federal funding, the Coalition is taking steps to complete a required feasibility study in 2016, in advance of the federal funding opportunity. This will allow for the Coalition to move forward in the most expeditious manner possible. The timeline for federal funding is outside of the Coalition’s control; however, the Coalition will immediately work to expand once the federal funding is secured. The Coalition has reached out to nearby neighboring non-member agencies and have advised them of this timeline and the future opportunity to join the Coalition.

**Recommendation 16-40:** Evaluate large-scale rainwater capture as a means of increasing and further diversifying their wastewater supplies.

**Response:** The recommendation requires further analysis.

Many agencies in the Coalition have volunteered to participate in the development of the *San Diego Integrated Regional Water Management (IRWM) Program Stormwater Capture and Use Feasibility Study* coordinated by the County of San Diego. The purpose of the study is to provide a County-wide analysis to determine the feasibility of planning, constructing, operating, and

managing facilities that capture and use stormwater beneficially. The County will compile stormwater capture and related policies, incentives, and ordinances; review current plans and studies related to stormwater capture; inventory current stormwater capture infrastructure; and assess available regional datasets. The County will quantify the amount of stormwater potentially available for capture in each watershed and sub-watershed within the region. The analysis shall distinguish between stormwater potentially available for capture and the potential use of captured stormwater. The County will prioritize/rank specific areas, projects, and/or alternatives to increase stormwater capture and use. Regulatory or other institutional constraints will be identified for each category. The County will develop a cost analysis for the highest ranking potential stormwater capture projects, areas, and/or alternatives. A Feasibility Report will be prepared that provides a coherent analysis of the feasibility of stormwater capture and use in San Diego County. Through this regional study, the Coalition will determine methods and “best practices” by which to pursue these types of projects in the future.

**Recommendation 16-41:** Work to increase use of recycled irrigation water on the State Route 78 corridor between Oceanside and Escondido.

**Response:** The recommendation has not yet been implemented, but will be implemented in the future.

The feasibility planning work to increase the use of recycled irrigation water on the State Route 78 corridor between Oceanside and Escondido is already underway. The City of Escondido and Rincon del Diablo MWD already supply recycled water to Caltrans for use on Interstate 15 and a state road (Centre City Parkway) within its jurisdiction. Escondido and RDDMWD are open to supplying additional recycled water to major users such as Caltrans when supply and cost-effective opportunities for connection are available, subject to city council or Water Board approval.

Vallecitos Water District has included future demands for Caltrans along State Route 78 within its service area in the Programmatic Environmental Impact Report for the Coalition.

Additionally, the City of Oceanside is currently developing recycled water projects along State Route 78 in conjunction with Caltrans. Vista Irrigation District has also included recycled water demands associated with providing Caltrans irrigation water along State Route 78 in all planning documents associated with the Coalition. Both Vista Irrigation District and City of Oceanside would consider proceeding with projects once appropriate opportunities for

connection are identified and when supply and cost-effective opportunities for connection are available.

Again, the Coalition is appreciative of the Grand Jury's careful consideration and favorable assessment of the actions of the North San Diego Water Reuse Coalition. Please contact Kimberly Thorner, General Manager of Olivenhain Municipal Water District at (760)753-6466 or [kthorner@olivenhain.com](mailto:kthorner@olivenhain.com) if we can provide any further information on the Coalition or this response to the Grand Jury's report.

Regards,

Kimberly Thorner  
General Manager  
Olivenhain Municipal Water District

Mike Thornton  
General Manager  
San Elijo Joint Powers Authority

Wendy Chambers  
General Manager  
Carlsbad Municipal Water District

Greg Thomas  
General Manager  
Rincon del Diablo Municipal Water District

Chris McKinney  
Director of Utilities  
City of Escondido

Mike Bardin  
General Manager  
Santa Fe Irrigation District

Paul Bushee  
General Manager  
Leucadia Wastewater District

Tom Scaglione  
Interim General Manager  
Vallecitos Water District

Cari Dale  
Water Utilities Director  
City of Oceanside

Eldon Boone  
General Manager  
Vista Irrigation District

## Exhibit A



**Table 2-5: Existing and Future Average Demands for North San Diego Water Reuse Coalition (NSDWRC) Regional Recycled Water Project**

Coalition Member	Group	Treatment Plant(s) to Provide Supply	Existing Demands	Average Demand Increase (AFY)		Total Demand (AFY)
				By 2025	By 2035	
Carlsbad MWD	A	Carlsbad WRF/Gafner WRF	2,150	1,752	1,398	5,300
	B	Meadowlark WRF	2,000	0	187	2,187
Subtotal			4,150	1,752	1,585	7,487
City of Escondido	C	HARRF	771	4,670	3,035	8,476
	D	Escondido AWTF (Potable Reuse)	0	2,200	0	2,200
Subtotal			771	6,870	3,035	10,676
San Elijo JPA <sup>2</sup>	E	San Elijo WRF/Gafner WRF	700	80	0	780
	Subtotal		700	80	0	780
City of Oceanside	G	San Luis Rey WWTP/SRTTP	300	2,477	1,130	3,907
	G	San Luis Rey WWTP – AWT (Potable Reuse)	0	2,240	3,360	5,600
Subtotal			300	4,717	4,490	9,507
Olivenhain MWD	N/A	Meadowlark WRF <sup>1</sup>	1,000	0	0	1,000
	H	San Elijo WRF/Gafner WRF	100	300	0	400
	H	San Elijo WRF – AWT (Potable Reuse)	0	1,100	1,030	2,130
Subtotal			1,100	1,400	1,030	3,530
Rincon del Diablo MWD	I	HARRF	3,279	500	0	3,779
	I	HARRF – AWT (Potable Reuse)	0	200	0	200
	J	Harmony Grove WRF	0	220	0	220
Subtotal			3,279	920	0	4,199
Santa Fe ID	K <sup>3</sup>	San Elijo WRF/Gafner WRF	510	40-729	0	550-1,239
	K <sup>3</sup>	San Elijo WRF – AWT (Potable Reuse)	0	0-1,100	1,030	1,030-2,130
Subtotal			510	729-1,140	1,030	2,269-2680
Vallecitos Water District	L	Carlsbad WRF	0	0	454	454
	M	HARRF	0	574	922	1,496
	N	Meadowlark WRF	0	0	416	416
	N	Meadowlark WRF – AWT (Potable Reuse)	0	1,100	1,100	2,200
Subtotal			0	1,674	2,892	4,566
Vista Irrigation District	O	San Luis Rey WWTP/Carlsbad WRF	0	255	2,600	2,855
Subtotal			0	255	2,600	2,855
<b>Total Additional Demand for Proposed Project<sup>3</sup></b>			<b>10,810</b>	<b>18,808</b>	<b>16,662</b>	<b>46,280</b>
<b>Total Cumulative Demand for Proposed Project<sup>3</sup></b>			<b>--</b>	<b>29,618</b>	<b>46,280</b>	

<sup>1</sup> These connections are not included within the groupings, because while they have existing recycled water demands, which are included in the total recycled water flows for the Coalition, there are no future recycled water demands or associated recycled water facilities for these entities for purposes of the Proposed Project.

<sup>2</sup> San Elijo JPA is a wastewater Coalition member that owns and operates distribution pipelines within the San Dieguito Water District service area.

<sup>3</sup> Santa Fe ID will implement either 1,100 AFY of potable reuse at the San Dieguito Reservoir or 689 AFY of recycled water to meet demands in the eastern service area for Group K. Both projects will not take place in the short-term, so total demands for Group K and total demands associated with the Proposed Project are shown as ranges assuming only one of the Group K projects will move forward. Total demands presented within this document assume that the larger (1,100 AFY potable reuse) project is implemented.

Source: NSDWRC, 2015, NSDWRC Regional Recycled Water Project Program Environmental Impact Report, April, Prepared by RMC Water and Environment.

**Table 2-16: Water Treatment Plant Expansions for North San Diego Water Reuse Coalition (NSDWRC) Regional Recycled Water Project**

Coalition Member/ Owner	Treatment Plant	Existing Treatment Capacity (MGD)			Required Treatment Capacity (MGD) By 2025			Required Treatment Capacity (MGD) By 2035		
		Secondary	Tertiary	Advanced	Secondary	Tertiary	Advanced	Secondary	Tertiary	Advanced
Carlsbad MWD	Carlsbad WRF	--	4.0	--	--	8.0	--	--	12.0	--
Leucadia WWD	Gafner WRF	--	1.0	--	--	2.5	--	--	3.7	--
City of Escondido	HARRF	18.0	8.0	--	21.0	18.0	0.2	27.5	25.0	0.2
	Escondido AWTF	--	--	--	--	--	2.0	--	--	2.0
City of Oceanside										
	San Luis Rey WWTP	13.5	0.7	--	13.5	6.5	2.0	17.4	13.5	5.0
Rincon del Diablo MWD	Harmony Grove WRF	--	--	--	0.2	0.2	--	0.2	0.2	--
San Elijo JPA	San Elijo WRF	5.3	3.0	--	5.3	3.5	2.0	5.3	4.5	3.8
Vallecitos WD	Meadowlark WRF	5.0	5.0	--	5.0	5.0	1.0	7.0	7.0	2.0
<b>TOTAL</b>		<b>41.8</b>	<b>21.7</b>	<b>0.0</b>	<b>45.0</b>	<b>43.7</b>	<b>7.2</b>	<b>57.4</b>	<b>65.9</b>	<b>13.0</b>

1 Max month tertiary demands from San Luis Rey WWTP may exceed average daily flow in the long term scenarios; recycled water supply may need to be supplemented during these months.

Source: NSDWRC, 2015, NSDWRC Regional Recycled Water Project Program Environmental Impact Report, April, Prepared by RMC Water and Environment.



# GRAND JURY

County of San Diego  
Hall of Justice  
330 W. Broadway, Suite 477  
San Diego, CA 92101-3830  
619-515-8707 FAX 619-515-8696  
<http://www.sdcountry.ca.gov/grandjury>

MELINDA J. RICHARDS, Foreperson

May 19, 2016

## CONFIDENTIAL

North San Diego Water Reuse Coalition Agency Members

**Re: Grand Jury Report: "North San Diego Water Reuse Coalition".**

Dear Ladies and Gentlemen:

The 2015/2016 San Diego County Grand Jury herewith provides the referenced report for your review and comment to the Presiding Judge of the Superior Court in compliance with the Penal Code of California §933(c). This report was prepared pursuant to §§925, 933.1 and 933.5 of the Penal Code.

In accordance with Penal Code §933.05(e), a copy of this report is being provided to affected agencies at least two working days prior to its public release and after being approved by the Presiding Judge of the Superior Court.

Please note that §933.05(e) specifies that **no officer, agency, department, or governing body of a public agency shall disclose any contents of the report prior to its public release.** This report will be filed with the Clerk of the Court and released to the public on Tuesday, May 31, 2016.

Sincerely,

MELINDA J. RICHARDS, Foreperson  
2015/2016 SAN DIEGO COUNTY GRAND JURY

MJR:ln  
enc.

# NORTH SAN DIEGO WATER REUSE COALITION



**A Report by the  
2015/2016 San Diego County Grand Jury  
May 31, 2016**

# NORTH SAN DIEGO WATER REUSE COALITION

## *SUMMARY*

The North San Diego Water Reuse Coalition is just that – a group of North County water and wastewater agencies collaborating to optimize reuse of wastewater. They are replacing individual, separate recycled water systems (purple pipe) with interagency connections to increase the capacity and maximize the use of recycled water. To accomplish this, Coalition members will increase 2035 tertiary treatment capacity by 44.2 million gallons per day (MGD) and build 72 miles of new pipelines. The Coalition plans to adopt a “designer water” concept – treating wastewater to meet the quality needed by specific end users. They also are adding storage to smooth seasonal demand curves for recycled water. Finally, member agencies plan to produce 13 MGD of drinking water (potable reuse).

This is a green project that will reduce wastewater discharges to the Pacific Ocean and offset water imports, thus avoiding the energy costs and greenhouse gas emissions associated with imported water. The project also could add 7,000 jobs over its 20-year life. The 2015/2016 San Diego County Grand Jury commends the Coalition for its voluntary collaboration in helping solve San Diego County’s drinking water supply problems.

The Grand Jury recommends that the Coalition reach out to other North County water agencies and invite them to join, and that the Coalition give more consideration to large-scale rainwater capture. The Grand Jury also recommends the Coalition work with the California Department of Transportation (Caltrans) to reduce that agency’s use of tap water for irrigation along the State Route 78 corridor.

## *INTRODUCTION*

The Grand Jury investigated water supply issues in the county and, in the process, learned of the North San Diego Water Reuse Coalition (NSDWRC) and its exemplary model of sharing to capture economies of scale while providing a reliable, drought-proof source of water for the region, and reducing wastewater discharges to the ocean.

## *PROCEDURE*

The Grand Jury interviewed representatives of water and wastewater agency members of the Coalition. The Grand Jury also reviewed Coalition documents, including the project plans and environmental impact reports, as well as water planning documents of the individual members.

## *DISCUSSION*

Approximately 84 percent of the San Diego region’s tap water is imported and subject to supply disruptions due to drought, natural disaster, and other causes. The region’s water supply challenges clearly cannot be solved by any one agency or single new source (e.g., desalination). This has led northern San Diego County water and wastewater agencies to

collaborate on a plan to interconnect their facilities to provide a reliable, drought-proof increase in local supplies. Their projects will link excess wastewater supplies with customers who could use recycled water for irrigation or industry, regardless of agency boundaries. The projects will also produce new drinking water supplies.<sup>1</sup>

In 1998, four North County water and wastewater agencies – Olivenhain Municipal Water District (MWD), Carlsbad MWD, San Elijo Joint Powers Authority, and the Leucadia Wastewater District – received a U.S. Bureau of Reclamation grant to build recycled water facilities, including some interagency connections. Those projects demonstrated the benefits of a regional approach to recycled water systems. The result was 10,000 acre-feet – over three billion gallons – of recycled water (purple pipe) that is currently delivered to the region’s customers each year.

As a result of that success, a larger group of ten water and wastewater agencies formed NSDWRC (the Coalition). Their purpose is to expand the use of recycled water within north San Diego County, replacing tap water currently used for landscaping, agriculture, and industrial processes. Some treatment plants will take a “designer water” approach to treating wastewater to the precise quality required by individual end-users. And some facilities will use advanced treatment to produce drinking water.

NSDWRC planned its project in two phases: short-term (2025) and long-term (2035). Advanced treatment is part of the short-term project so that plants can begin operating as soon as the State of California agencies give approval. The short-term project is anticipated to increase water reuse in the region by 18,808 acre-feet per year (AFY), or more than 6 billion gallons. The Coalition has only done preliminary work for the long-term project, which could increase water reuse by an additional 16,662 AFY, or more than 5 billion gallons. In total, the project is anticipated to increase water reuse by 35,000 AFY, or more than 11 billion gallons. Table 1 shows the ten partner agencies and their existing and future treatment capacity. Marine Corps Base Camp Pendleton participates in project planning because they and Oceanside are neighbors.

Note that treatment capacity is not equivalent to recycled water supply. Capacity may be underused due to factors such as insufficient or seasonal demand, and pipeline size and location. For example, the City of Escondido’s Hale Avenue Resource Recovery Facility currently has the capacity to produce 8 million gallons per day (MGD) of recycled water but its average daily flow is only 3.6 MGD due to the limited number of customers.

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<sup>1</sup> Wastewater treated to secondary standards is clean enough to discharge into the ocean or other surface water. Tertiary treatment produces water clean enough for landscaping, agriculture, and some industrial processes. Advanced treatment produces water that can enter the regular drinking water treatment process.

**Table 1. NSDWRC Existing and Planned Treatment Capacity**

**S = Secondary treatment    T = Tertiary treatment    A = Advanced treatment (potable reuse)**

Agency	Treatment Plant	Current Treatment Capacity (MGD)		Treatment Capacity By 2025 (MGD)			Treatment Capacity By 2035 (MGD)		
		S	T	S	T	A	S	T	A
Carlsbad MWD	Carlsbad	--	4.0	--	8.0	--	--	12.0	--
Olivenhain MWD	Meadowlark	5.0	5.0	5.0	5.0	1.0	7.0	7.0	2.0
Vallecitos WRF									
Leucadia WWD	Gafner	--	1.0	--	2.5	--	--	3.7	--
City of Escondido	Escondido	--	--	--	--	2.0	--	--	2.0
	Hale Avenue	18.0	8.0	21.0	18.0	0.2	27.5	25.0	0.2
Rincon del Diablo MWD	Harmony Grove	--	--	0.2	0.2	--	0.2	0.2	--
City of Oceanside	San Luis Rey	13.5	0.7	13.5	6.5	2.0	17.4	13.5	5.0
	La Salina	5.5	--	5.5	--	--	5.5	--	--
San Elijo JPA	San Elijo	5.3	3.0	5.3	3.5	2.0	5.3	4.5	3.8
Encina WA	Encina	40.5	--	40.5	--	--	40.5	--	--
Community Service Districts	Rancho Santa Fe	1.0	--	1.0	--	--	1.0	--	--
	Whispering Palms								
	Fairbanks Ranch								
Camp Pendleton	Southern Regional	3.6	3.6	3.6	3.6	--	3.6	3.6	--
<b>Total New Capacity</b>				3.2	22.0	7.2	12.4	22.2	5.8
<b>Total Capacity</b>		92.4	25.3	95.6	47.3	7.2	108.0	69.5	13.0

Source: North San Diego Water Reuse Coalition, *Regional Recycled Water Project Program Environmental Impact Report*, April 2015.

Once the Coalition identified future treatment capacity, they matched supply and demand geographically and to optimize use of available wastewater. The partner agencies projected recycled water demand based on the potential for users of tap water for landscaping to switch to recycled water (e.g., homeowners' associations, schools, parks, golf courses). NSDWRC also considered future development plans (e.g., new housing projects). Existing demand for recycled water in the region is approximately 10,800 AFY. The Coalition projects that future demands for recycled water within the project area will increase by up to 18,800 AFY by 2025, to a total of 29,600 AFY, and by another 16,600 AFY by 2035, for a total of 46,200 AFY. However, their demand analysis fails to recognize one potential customer: Caltrans uses tap water to irrigate landscaping along State Route 78 between Oceanside and eastern Escondido. The Grand Jury recommends NSDWRC work with Caltrans to provide recycled water along this route, instead of potable water.

One issue with recycled water demand is that much of it is seasonal – irrigation demand peaks in the dry season and plummets in wetter winter months. Therefore, the Coalition developed a list of potential sites that could store recycled water. 70 MGD of tertiary treatment capacity is needed to supply 45,000 AFY of recycled water without seasonal storage. To balance supply and demand without adding new capacity to meet summer peaks would require roughly 9,500 acre-feet of seasonal storage. That storage would reduce the treatment capacity needed to approximately 42 MGD.

The supply and demand analysis also revealed that member agencies reuse only 16 percent of the available wastewater. By 2025 and 2035, that improves to 32 percent and 42 percent respectively, but there still would be a significant amount of water not reused. Therefore, the Coalition decided there will be enough wastewater to add advanced treatment facilities to produce drinking water (see Table 1).

The Coalition's estimates total short-term (2025) project costs at \$336 million, which works out to about \$1,300/AFY. This compares favorably with 2016 costs of \$1,060/AFY for imported water, \$1,400/AFY for the City of San Diego's Pure Water program, and \$2,131-2,367/AFY for Carlsbad desalination plant water.

For the purposes of securing grant funds and regulatory approvals, the NSDWRC plan is limited to the agencies and projects described in their Program Environmental Impact Report. When possible, the Coalition should invite additional agencies to join. There are adjacent North County agencies that are not members, including the Fallbrook Public Utility District, Valley Center MWD, Rainbow MWD, and the City of Poway. Interconnections among them and NSDWRC members could further improve efficiencies and economies of scale.

The Coalition did not analyze rainwater as a supply source. The Grand Jury believes that future project planning should evaluate the potential for large-scale rainwater capture. Most water agencies offer rebates for rain barrels to capture runoff from building roofs.<sup>2</sup> On a larger scale, where there are groundwater basins, traditional pavement can be replaced with permeable asphalt or concrete to promote groundwater recharge. In addition, storm water and other urban runoff

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<sup>2</sup> One inch of rain collected from 1,000 ft<sup>2</sup> of roof can yield up to 625 gallons of water for landscaping.



can be harvested by redirecting the flows into the sewer system (known as a combined sewer system). While combined sewers can lead to treatment plant overflow during large storms, storage facilities and advanced Real Time Decision Support Systems<sup>3</sup> (similar in concept to adaptive traffic control systems) can prevent or mitigate the problem.

### ***FACTS AND FINDINGS***

***Fact:*** The North San Diego Water Reuse Coalition is a voluntary collaboration of wastewater agencies.

***Fact:*** Existing tertiary treatment capacity among the Coalition partners is 25.3 MGD.

***Fact:*** The Coalition plans to add 44.2 MGD of tertiary capacity by 2035.

***Fact:*** The Coalition plans to add 13 MGD of advanced treatment (potable reuse).

**Finding 01:** The treated water will replace imported drinking water currently used for irrigation and industrial purposes, and will increase regional drinking water supply and reliability.

### ***COMMENDATION***

The 2015/2016 San Diego County Grand Jury commends the North San Diego Water Reuse Coalition and their Regional Recycled Water Project for their voluntary, collaborative and innovative approach to enhancing the reliability and diversity of water supply. Regionalization of facilities will allow recycled water to play an even more significant role in meeting the future water needs in northern San Diego County.

***Fact:*** There are water and wastewater agencies in North County that are not Coalition members.

**Finding 02:** Expanding Coalition membership in North County would increase the capacity and connectivity of the recycled water project.

***Fact:*** The project does not consider large-scale rainwater capture.

**Finding 03:** Rainwater capture would be a valuable addition to the project's suite of measures to diversify local water supply.

***Fact:*** The California Department of Transportation uses tap water for irrigation along the SR 78 corridor between Oceanside and Escondido.

***Fact:*** The Coalition does not list Caltrans among their potential future recycled water customers.

**Finding 04:** Coalition sales of recycled water to Caltrans could reduce the use of tap water for irrigation.

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<sup>3</sup> Southeast Michigan Council of Governments. Investment in Reducing Combined Sewer Overflows Pays Dividends. Detroit, MI. September 2008. "Going Against the Flow: Green Tech, Sensors and Industrial Internet Make Sewer Systems Smart". Txchnologist. undated monograph.

## ***RECOMMENDATIONS***

The 2015/2016 San Diego County Grand Jury recommends the North San Diego Water Reuse Coalition member agencies:

- 16-39:       **Reach out to neighboring non-member agencies to further diversify supply lines.**
- 16-40:       **Evaluate large-scale rainwater capture as a means of increasing and further diversifying their wastewater supplies.**
- 16-41:       **Work to increase use of recycled irrigation water on the State Route 78 corridor between Oceanside and Escondido.**

## ***REQUIREMENTS AND INSTRUCTIONS***

The California Penal Code §933(c) requires any public agency which the Grand Jury has reviewed, and about which it has issued a final report, to comment to the Presiding Judge of the Superior Court on the findings and recommendations pertaining to matters under the control of the agency. Such comment shall be made *no later than 90 days* after the Grand Jury publishes its report (filed with the Clerk of the Court); except that in the case of a report containing findings and recommendations pertaining to a department or agency headed by an elected County official (e.g. District Attorney, Sheriff, etc.), such comment shall be made *within 60 days* to the Presiding Judge with an information copy sent to the Board of Supervisors.

Furthermore, California Penal Code §933.05(a), (b), (c), details, as follows, the manner in which such comment(s) are to be made:

- (a) As to each grand jury finding, the responding person or entity shall indicate one of the following:
- (1) The respondent agrees with the finding
  - (2) The respondent disagrees wholly or partially with the finding, in which case the response shall specify the portion of the finding that is disputed and shall include an explanation of the reasons therefor.
- (b) As to each grand jury recommendation, the responding person or entity shall report one of the following actions:
- (1) The recommendation has been implemented, with a summary regarding the implemented action.
  - (2) The recommendation has not yet been implemented, but will be implemented in the future, with a time frame for implementation.
  - (3) The recommendation requires further analysis, with an explanation and the scope and parameters of an analysis or study, and a time frame for the matter to be prepared for discussion by the officer or head of the agency or department being investigated or reviewed, including the governing body of the public agency when applicable. This time frame shall not exceed six months from the date of publication of the grand jury report.

- (4) The recommendation will not be implemented because it is not warranted or is not reasonable, with an explanation therefor.
- (c) If a finding or recommendation of the grand jury addresses budgetary or personnel matters of a county agency or department headed by an elected officer, both the agency or department head and the Board of Supervisors shall respond if requested by the grand jury, but the response of the Board of Supervisors shall address only those budgetary or personnel matters over which it has some decision making authority. The response of the elected agency or department head shall address all aspects of the findings or recommendations affecting his or her agency or department.

Comments to the Presiding Judge of the Superior Court in compliance with the Penal Code §933.05 are required from the:

<u>Responding Agency</u>	<u>Recommendations</u>	<u>Date</u>
North San Diego Water Reuse Coalition	16-39 through 16-42	8/30/16



## STAFF REPORT

Agenda Item: 12

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Lisa Soto  
**Reviewed By:** Brett Hodgkiss  
**Approved By:** Eldon Boone

**SUBJECT:** CSDA COMMITTEE AND EXPERT FEEDBACK TEAM NOMINATIONS FOR 2017

**RECOMMENDATION:** Consider nominations to the California Special Districts Association's (CSDA) committees and expert feedback teams for 2017.

**PRIOR BOARD ACTION:**

8/19/15 Nominated President MacKenzie to serve on the CSDA Legislative, and Member Services Committees; Marlene Kelleher to serve on the Fiscal Committee and on the Revenue Expert Feedback Team; Phil Zamora to serve on the Human Resource and Personnel Expert Feedback Team; and VID General Counsel Joel Kuperberg to serve on the Expert Feedback Teams for Environment, Public Works and Facilities, and Legal.

**FISCAL IMPACT:** Undetermined amount for expenses, should VID directors or staff be appointed to CSDA Committees or Expert Feedback Teams.

**SUMMARY:** CSDA is soliciting nominations for Committee and Expert Feedback Team participation for 2017. CSDA has indicated that it needs active participants who are able to expend the time to provide their expertise in directing the organization's activities and policies. Committee and Expert Feedback Team participation is open to both Board and Staff members. Director MacKenzie currently serves on the CSDA Board of Directors as Past President, and on the Legislative and the Membership Services Committees. Finance Manager Marlene Kelleher serves on the Fiscal Committee and on the Budget, Finance and Taxation Expert Feedback Team. Human Resources Manager Phil Zamora serves on the Human Resource and Personnel Expert Feedback Team. General Counsel Joel Kuperberg serves on the Legal, Environment, and Public Works and Facilities Expert Feedback Teams.

**DETAILED REPORT:** See the attached CSDA memorandum for information on the various Committees and Expert Feedback Teams. Nominations for Committee and Expert Feedback Team appointments are due no later than Friday, October 14, 2016. Selection and ratification of participants will take place in November and selected participants will be notified by the end of November 2016. Committee participation will begin in January 2017.

Nominations will be considered for the following Committees:

- Audit
- Professional Development
- Elections & Bylaws
- Fiscal
- Member Services
- Legislative (space is limited)
  - *Alternative Option: CSDA Blog and Legislative Distribution List (no meetings required)*

The "Expert Feedback Team" members will be asked for input when input is needed on a particular policy matter. Team members will only be called upon to reply by e-mail with their thoughts, opinions, and experiences. There will be no requirement to travel.

Expert Feedback Teams will be formed on the following topics:

- Environment
- Formation and Reorganization
- Governance
- Human Resources & Personnel
- Legal
- Public Works & Facilities
- Revenue

An “Interest Form” has been included for use in indicating Committee or Expert Feedback Team preferences, if any.

ATTACHMENTS:

- Memo from CSDA President and Chief Executive Director dated August 1, 2016
- 2017 Committee and Expert Feedback Team Interest form



**California Special  
Districts Association**  
*Districts Stronger Together*

## MEMORANDUM

**DATE:** August 1, 2016

**TO:** CSDA Members (Regular, Associate, and Business Affiliate)

**FROM:** Bill Nelson, CSDA President  
Neil McCormick, Chief Executive Officer

**SUBJECT:** 2017 CSDA Committee & Expert Feedback Team Participation

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CSDA's strength and effectiveness as an organization is directly related to our ability to involve the member district board members and staff and Business Affiliate members in the work of the association. The talents and energy that both groups bring to CSDA and to the issues that concern special districts in California through active involvement are critical components of CSDA's success.

With this in mind, we are asking for volunteers from your district or company (staff and/or board members) to participate and contribute on one or more of our committees and/or expert feedback teams to assist in shaping CSDA.

If you or any others from your district or company would like to become even more involved as a member of CSDA, please review and complete the form included with this letter. Committees need dedicated participants who are able to expend the time to provide their expertise in directing the activities and policies of CSDA. CSDA does not reimburse for committee related travel expenses.

In regard to **CSDA's Expert Feedback Teams**, when a need for feedback arises on a particular policy matter, CSDA advocacy staff will send an e-mail to an expert feedback team asking for its input. Team members need only reply with their thoughts, opinions and experiences. The workload of a team member will ultimately be what he or she makes of it. Team members will not be required to travel; they should expect to receive a handful of e-mails each month and, on rare occasions, they may be contacted by phone.

Please return the attached form by **5:00 PM on October 14, 2016**. The selection and ratification of CSDA's 2017 committees will take place in November and selected participants will be notified by the end of November 2016. Committee participation begins in January 2017.

**Thank you for your continued support of CSDA!**

### California Special Districts Associations

1112 I Street, Suite 200  
Sacramento, CA 95814  
Toll Free: 877-924-CSDA (2732)  
Phone: 916-442-7887  
Fax: 916-442-7889

### A proud California Special Districts Alliance partner

Special District Risk Management Authority  
1112 I Street, Suite 300  
Sacramento, CA 95814  
Toll Free: 800-537-7790  
Fax: 916-231-4111

CSDA Finance Corporation  
1121 I Street, Suite 200  
Sacramento, CA 95814  
Toll Free: 877-924-CSDA (2732)  
Fax: 916-442-7889



**California Special  
Districts Association**

*Districts Stronger Together*

**2017 COMMITTEE AND EXPERT FEEDBACK TEAM  
INTEREST FORM**

Please make additional copies for each participant.  
***Please use actual contact information where you can be reached***

Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_

District/Company: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

**COMMITTEES:** We hope your District or Company will participate in one or more of CSDA's committees. The CSDA Board of Directors encourages the participation of individuals from member agencies and Business Affiliates on CSDA's committees. As space is limited, please choose more than one committee which you would like to participate on, and please rank according to preference: **1 = 1<sup>st</sup> choice; 2 = 2<sup>nd</sup> choice; 3 = 3<sup>rd</sup> choice**

If we are able to place you on more than one committee, how many committees would you like to serve on?  
\_\_\_\_\_ (maximum 3)

**NOTE:** All committees meet in-person at least twice annually. Committees generally meet in Sacramento, however locations may vary.

\_\_\_\_\_ **Audit Committee:** Responsible for maintaining and updating internal controls. Provides guidance to auditors regarding possible audit and fraud risks. Commitment: May meet with auditors prior to the commencement of the audit, when audit is completed and possibly one meeting during the auditing process. Financial experience preferred.

\_\_\_\_\_ **Professional Development Committee:** Plans, organizes and directs the professional development and events for CSDA. Commitment: Meets at least twice annually.

\_\_\_\_\_ **Elections & Bylaws Committee:** Conducts annual elections and occasionally reviews bylaws upon request of the CSDA Board, members or as needed. Commitment: Minimum of one meeting in Sacramento.

\_\_\_\_\_ **Fiscal Committee:** Oversees the financial direction of the organization including budget review and implementation. Commitment: Meets at least three times annually. Financial experience preferred.

\_\_\_\_\_ **Member Services Committee:** Responsible for recruitment of new members, member retention, development of new member benefits and review of current programs. Commitment: Meets at least twice annually.

\_\_\_\_\_ **Legislative Committee (space is limited):** Develops CSDA's legislative agenda; reviews, directs and assists with legislative/public policy issues. Commitment: Meets up to six times a year in Sacramento. Attending CSDA's Special Districts Legislative Days (May 16-17) and Annual Conference (September 25-28) is expected if you serve on this committee. All 2017 Legislative Committee applicants are invited to join the 2016 committee members and CSDA staff for a legislative planning session on November 3, 2016.

Each Legislative Committee member will be assigned to 1 or 2 working groups. Please rank from 1 to 6 which working groups you prefer to serve on (1 being most preferred):

- \_\_\_\_\_ Environment Working Group
- \_\_\_\_\_ Formation & Reorganization Working Group
- \_\_\_\_\_ Governance Working Group
- \_\_\_\_\_ Human Resources & Personnel Working Group
- \_\_\_\_\_ Public Works & Facilities Working Group
- \_\_\_\_\_ Revenue Working Group

I prefer to serve on \_\_\_ (1 or 2) Legislative Committee working groups

\_\_\_\_\_ **Alternative Option: CSDA Blog and Legislative Distribution List** - Because seats are limited on the Legislative Committee, CSDA has created an alternative option whereby members can receive the same legislative information via email that Legislative Committee members receive. Members on this list will be subscribed to receive "real-time" e-mail updates from the CSDA Blog and will be copied on Legislative Committee e-mails. Select this option instead of the Legislative Committee if you are unable to meet the requirements of serving on the Legislative Committee, but still want to keep informed of the latest legislative issues impacting special districts and provide input to CSDA as appropriate.

**EXPERT FEEDBACK TEAMS:** In order for CSDA to quickly and effectively gauge the impact new laws may have on special districts, we depend on the expertise of the people who are directly impacted in the field. If you have firsthand experience in one or more of the areas below, please join CSDA's Expert Feedback Team.

\_\_\_\_\_ **Environment:** CEQA; Greenhouse Gas/AB 32; Land Use; Renewable Energy; Sustainable Communities/SB 375

\_\_\_\_\_ **Formation & Reorganization:** LAFCO

\_\_\_\_\_ **Governance:** Audits and Reporting; Bankruptcy; Elections; Ethics; Mandates and Mandate Reimbursement; Political Reform/Conflict of Interest/FPPC; Transparency and Accountability

\_\_\_\_\_ **Human Resources & Personnel:** Contracted Services; Occupational Safety; Labor Relations; Retirement and Other Benefits; Workers' Compensation and Other Insurance

\_\_\_\_\_ **Legal:** General legal matters affecting special districts

\_\_\_\_\_ **Public Works & Facilities:** Bidding Process (Design Build, JOC, P3, Best Value); Bonds and Financings; Indemnification; Prevailing Wage; Retention Proceeds

\_\_\_\_\_ **Revenue:** Benefit Assessments; Fees/Prop 218; Mello-Roos/CFDs; Property Taxes; Redevelopment Agencies/(E)FIDs; Special Taxes

Committee and Expert Feedback Team participation is open to both member district board members and staff as well as Business Affiliates. **Please note that the Association does not reimburse any expenses incurred from this participation.** CSDA is committed to keeping travel costs to a minimum for committee members and handles a significant amount of committee work through webinars, conference calls and e-mail; however, most committees do meet at least two times a year in person.

**\*Either the District GM/Board President or Company President must authorize below**

\*Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please return this completed form to Charlotte Lowe at CSDA by mail, fax (916) 442-7889 or email [charlottel@cstda.net](mailto:charlottel@cstda.net) no later than **5:00 PM on Friday, October 14, 2016.**

CSDA, 1112 I St., Suite 200, Sacramento, CA 95814, T - (916) 442-7887, F - (916) 442-7889 [www.cstda.net](http://www.cstda.net)





## STAFF REPORT

Agenda Item: 13

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Lisa Soto  
**Reviewed By:** Brett Hodgkiss  
**Approved By:** Eldon Boone

**SUBJECT:** CONFLICT OF INTEREST CODE REVISIONS

**RECOMMENDATION:** Adopt a resolution modifying the District's Conflict of Interest Code.

**PRIOR BOARD ACTION:**

8/20/14 Adopted Resolution No. 14-21 amending the District's Conflict of Interest Code.

**FISCAL IMPACT:** None.

**SUMMARY:** Section 87306.5 of the Government Code requires all local agencies in California to review their conflict of interest code in each even-numbered year and file a statement with the County Board of Supervisors stating any revisions.

**DETAILED REPORT:** Per the requirements of Government Code Section 87306.5, staff has conducted a detailed review of the District's Conflict of Interest Code (Code). Since the District last updated its Code, the positions of Administrative Services Manager, Operations Manager, Water Resources Manager, and Financial Analyst have been reorganized or eliminated and are therefore recommended to be deleted from the District's Code. New positions to be added to the Code include Management Analyst, Operations and Field Services Manager, Water Resources Engineer, and Engineering Project Manager.

Under Consultants, staff recommends the deletion of Auditors and Actuaries as Designated Positions under the Code. Based on staff's review of the specific tasks performed by auditors and actuaries for the District, these positions do not meet the FPPC standard of "participating in making governmental decisions".

Staff conducted a comparison between the Disclosure Categories for Staff versus the Disclosure Categories for Consultants. Some adjustments are recommended in order to make consistent the disclosure requirements between these two types of Designated Positions.

The attached revised Code has been reviewed and endorsed by General Counsel.

**ATTACHMENTS:**

- Draft resolution adopting amended Conflict of Interest Code
- Amended Conflict of Interest Code

RESOLUTION NO. 16-XX

RESOLUTION OF THE BOARD OF DIRECTORS OF  
VISTA IRRIGATION DISTRICT  
ADOPTING AN AMENDED CONFLICT OF INTEREST CODE

WHEREAS, the Legislature of the State of California enacted the Political Reform Act of 1974, Government Code Section 81000 et seq. (the "Act"), which contains provisions relating to conflicts of interest which potentially affect all officers, employees and consultants of the Vista Irrigation District and requires all public agencies to adopt and promulgate a Conflict of Interest Code; and

WHEREAS, the Board of Directors of the Vista Irrigation District adopted a Conflict of Interest Code (the "Code") which was amended on August 20, 2014, in compliance with Government Code Section 81000, et seq.; and

WHEREAS, subsequent changed circumstances with the Vista Irrigation District have made it advisable and necessary, pursuant to Sections 87306 and 87307 of the Act, to amend and update the District's Code; and

WHEREAS, the potential penalties for violation of the provisions of the Act are substantial and may include criminal and civil liability, as well as equitable relief which would result in the Vista Irrigation District being restrained or prevented from acting in cases where provisions of the act may have been violated; and

WHEREAS, a public meeting was held on the proposed amended Conflict of Interest Code at the adjourned meeting of the Board of Directors on August 17, 2016, at which all present were given an opportunity to be heard on the proposed amended Code.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Vista Irrigation District that the Board of Directors does hereby adopt the proposed amended Conflict of Interest Code, attached hereto. A copy of the revised code is attached hereto and shall be filed with the District Secretary and available for inspection to the public.

BE IT FURTHER RESOLVED that Resolution No. 14-21 adopting the Amended Conflict of Interest Code on August 20, 2014 is rescinded upon the adoption of said amended Code;

BE IT FURTHER RESOLVED that the said amended Conflict of Interest Code shall be submitted to the Board of Supervisors of the County of San Diego for approval and said amended Code shall become effective 30 days after the Board of Supervisors approves the amended Code as submitted.

PASSED AND ADOPTED this 17<sup>th</sup> day of August 2016, by the following roll call vote:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

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Richard L. Vásquez, President

ATTEST:

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



## **CONFLICT OF INTEREST CODE**

**(AMENDED ~~August 20, 2014~~ \*\*\*, 2016)**

**Vista Irrigation District  
1391 Engineer Street  
Vista, California 92081  
(760) 597-3100**

**CONFLICT OF INTEREST CODE  
OF THE  
VISTA IRRIGATION DISTRICT  
COUNTY OF SAN DIEGO**  
(Amended ~~August 20, 2014~~\*\*\*, 2016)

The agency designated above hereby submits the following Conflict of Interest Code to the Board of Supervisors of the County of San Diego.

Dated: ~~August 20, 2014~~\*\*\*, 2016

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

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Received on behalf of the Board of Supervisors of the County of San Diego.

Dated: \_\_\_\_\_

THOMAS J. PASTUSZKA  
Clerk of the Board of Supervisors

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The following Conflict of Interest Code, having been submitted by the agency designated above, was approved by order of the Code Reviewing Body on \_\_\_\_\_.

Other action, if any:

THOMAS J. PASTUSZKA  
Clerk of the Board of Supervisors

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**CONFLICT OF INTEREST CODE  
OF THE  
VISTA IRRIGATION DISTRICT**  
(Amended ~~August 20, 2014~~\*\*\*, 2016)

The Political Reform Act of 1974 (Government Code Section 81000, et seq.) requires state and local government agencies to adopt and promulgate a conflict of interest code. The Fair Political Practices Commission (FPPC) has adopted a regulation (2 Cal. Code of Regs. Sec. 18730), which contains the terms of a standard conflict of interest code. After public notice and hearing, the regulation may be amended by the FPPC to conform to amendments in the Political Reform Act.

Therefore, the terms of 2 California Code of Regulations Section 18730 and any amendments to it duly adopted by the FPPC are hereby incorporated by reference. This regulation and the attached Appendix designating officials and employees and establishing disclosure categories, shall constitute the Conflict of Interest Code of the Vista Irrigation District.

All officials required to submit a statement of economic interests shall file their statements with the Secretary of the Vista Irrigation District as the District's Filing Officer. The Filing Officer shall make and retain a copy of all statements filed by members of the Board of Directors, Treasurer, Assistant Treasurer and the General Manager and forward the originals of these statements to the Clerk of the San Diego County Board of Supervisors. The Vista Irrigation District shall retain statements for all other designated employees. The Filing Officer will make all retained statements available for public inspection and reproduction (Gov. Code Section 81008).

Adopted by the Board of Directors of the Vista Irrigation District on the ~~20<sup>th</sup>~~-\_\_\_\_ day of ~~August 2014~~ 2016.

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

**CONFLICT OF INTEREST CODE  
OF  
VISTA IRRIGATION DISTRICT  
(Amended ~~August 20, 2014~~\*\*\*, 2016)**

***APPENDIX***

**OFFICIALS WHO MANAGE PUBLIC INVESTMENTS**

District officials who manage public investments, as defined by 2 Cal. Code of Regs. §18701(b), are NOT subject to the District's Code, but are subject to disclosure requirements of the Act (Government Code Section 87200 et seq.). [Regs. 18730(b)(3)] These positions are listed here for informational purposes only.

It has been determined that the positions listed below are other District officials who manage public investments:

Member of Board of Directors  
General Manager  
Assistant General Manager  
Treasurer  
Assistant Treasurer  
Finance Manager  
Financial Consultants

**DESIGNATED POSITIONS**  
*GOVERNED BY THE CONFLICT OF INTEREST CODE*

The Treasurer, Assistant Treasurer, and all District officials who manage the investment of public funds are included in and governed by this Conflict of Interest Code only with respect to its disqualification provisions. For purposes of disclosure, the Treasurer, Assistant Treasurer, and all District officials who manage the investment of public funds are governed by the statutory conflict of interest provisions of Article 2 of Chapter 7 of the Political Reform Act of 1974 (Government Code Section 87200, et seq.)

The persons holding positions listed below are "designated employees" who are subject to the provisions of this Code. Each such designated employee is required to disclose interests only in those categories set forth, which are identified by the numbers following his or her title.

Disclosure Categories

The disclosure categories listed below identify the types of investments, business entities, sources of income, or real property that the designated employee must disclose for each disclosure category to which he or she is assigned.

Category 1: All investments and business positions in, and sources of income from, all business entities that do business or own real property within the jurisdiction of the District, plan to do business or own real property within the jurisdiction of the District within the next year or have done business or owned real property within the jurisdiction of the District within the past two years.

Category 2: All interest in real property which is located in whole or in part within, or not more than two (2) miles outside, the jurisdiction of the District.

Category 3: All investments and business positions in, and sources of income from, business entities subject to the regulatory, permit or licensing authority of the Designated Employee's Department, will be subject to such authority within the next year or have been subject to such authority within the past two years.

Category 4: All investments in, and sources of income from, business entities that are engaged in land development, construction or the acquisition or sale of real property within the jurisdiction of the District, plan to engage in such activities within the jurisdiction of the District within the next year or have engaged in such activities within the jurisdiction of the District within the past two years.

Category 5: All investments and business positions in, and sources of income from, business entities that are banking, savings and loan or other financial institutions.

Category 6: All investments and business positions in, and sources of income from, business entities that provide services, supplies, materials, machinery or equipment of a type purchased, leased, used, or administered by the Designated Employee's Department or by the District.

<u>Designated Positions (Staff)</u>	<u>Disclosure Categories</u>
Administrative Assistant	6
<del>Administrative Services Manager</del>	<del>6</del>
Construction Supervisor	6
Customer Service Manager	1, 2, 5, 6
Customer Service Supervisor	6
Director of Engineering	1, 2, 3, 4, 5, 6
Director of Water Resources	<u>1, 2, 4, 6</u>
Engineering Inspector	2, 3, 4, 6
Engineering <del>Department</del> <u>Services</u> Manager	2, <u>3</u> , 4, 6
<u>Engineering Project Manager</u>	<u>1, 2, 4, 6</u>
Facilities Supervisor	6
<u>Operations and</u> Field Services Manager	2, 4, 6
<del>Financial Analyst</del>	<del>1, 2</del>
General Counsel, Special Counsel, Attorney	1, 2, 3, 4, 5, 6
Human Resources Manager	<u>1, 2, 5, 6</u>
Information <del>Systems</del> <u>Technology</u> Supervisor	<u>1, 2, 5, 6</u>
Inventory Control Clerk	6
<u>Management Analyst</u>	<u>1, 2, 6</u>
<del>Operations Manager</del>	<del>6</del>
Purchasing Agent	6
Safety/Risk Manager	6
Senior Equipment Mechanic	6
System Controls Supervisor	6
Water Distribution Supervisor	6
<u>Water Resources Engineer</u>	<u>1, 2, 4, 6</u>
<del>Water Resources Manager</del>	<del>2, 6</del>
Water Resources Supervisor	6

<u>Designated Positions (Consultants)*</u>	<u>Disclosure Categories</u>
Appraisers	1, 2, 4, 6
<del>Auditors and Actuaries</del>	<del>1, 2, 3, 4, 5, 6</del>
Engineering Consultants	1, 2, <u>4</u> , 6
Environmental Consultants	1, 2, 4, 6
Human Resources Consultants	1, 2, 5, 6
Public Relations Consultants	1, 2, 6
Information Systems Consultants	1, 2, 5, 6

\*Consultants shall be included in the list of Designated Employees and shall disclose pursuant to the disclosure categories listed. If not listed, consultants shall disclose pursuant to the broadest disclosure category in this code, subject to the following limitation:

The General Manager may determine in writing that a particular consultant, although a “designated position,” is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this Section. Such written determination shall include a description of the consultant’s duties and, based upon that description, a statement of the extent of disclosure requirements. The General Manager’s determination is a public record and shall be retained for public inspection in the same manner and location as this Conflict of Interest Code.





**Agenda Item: 14**

**STAFF REPORT**

**Board Meeting Date: August 17, 2016**  
**Prepared By: Eldon Boone**

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

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

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



**Agenda Item: 15**

**STAFF REPORT**

**Board Meeting Date: August 17, 2016**  
**Prepared By: Eldon Boone**

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

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



## **STAFF REPORT**

**Agenda Item: 16.A**

**Board Meeting Date: August 17, 2016**  
**Prepared By: Lisa Soto**  
**Approved By: Eldon Boone**

**SUBJECT:** REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS

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



**STAFF REPORT**

**Board Meeting Date:** August 17, 2016  
**Prepared By:** Marian Schmidt  
**Approved By:** Eldon Boone

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

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

	<b>SCHEDULE OF UPCOMING MEETINGS AND EVENTS</b>	<b>ATTENDEES</b>
<b>1</b>	<b>Urban Water Institute’s Annual Water Conference</b> <i>Aug. 24-26, 2016 – Hilton San Diego Resort &amp; Spa</i> <i>Registration deadline: 8/10/16</i>	Vásquez (R, H) MacKenzie (R)
<b>2</b>	<b>The Who, What, Where, When, Why and How of Public Engagement (CSDA)</b> <i>Sept. 7, 2016 – CSDA Training Center, Sacramento</i> <i>Registration deadline: 9/1/16</i>	
<b>3 *</b>	<b>Council of Water Utilities Meeting</b> <i>Sept. 20, 2016, 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 9/15/16</i>	Dorey
<b>4</b>	<b>CEQA – California Environmental Quality Act (CSDA)</b> <i>Sept. 21, 2016 – CSDA Training Center, Sacramento</i> <i>Registration deadline: 9/15/16</i>	
<b>5</b>	<b>Groundwater Annual Conference &amp; GRA Annual Meeting</b> <i>Sept. 28-29, 2016 – Hilton Concord</i> <i>Registration deadline: 9/20/16</i>	Dorey (A,H)
<b>6</b>	<b>Colorado River Aqueduct System Tour (SDCWA)</b> <i>Sept. 30-Oct. 1, 2016</i> <i>Registration deadline: 9/8/16</i>	
<b>7</b>	<b>ACWA Regulatory Summit</b> <i>Oct. 3-4, 2016 – Hilton Sacramento Arden West</i> <i>Registration deadline: 9/26/16</i>	Vásquez; MacKenzie
<b>8</b>	<b>WaterSmart Innovations Conference</b> <i>Oct. 5-7, 2016 – Las Vegas, Nevada</i> <i>Registration deadline: None</i>	
<b>9</b>	<b>Governance Foundations (CSDA)</b> <i>Oct. 10, 2016. – Sheraton San Diego Hotel</i> <i>Registration deadline: 9/9/16</i>	
<b>10</b>	<b>CSDA Annual Conference</b> <i>Oct. 10-13, 2016 – Sheraton San Diego Hotel</i> <i>Registration deadline: 9/9/16</i>	MacKenzie (H) Miller (T, H) Reznicek (T, H) Vásquez (H)
<b>11 *</b>	<b>Council of Water Utilities Meeting</b> <i>Oct. 18, 2016, 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 10/13/16</i>	
<b>12</b>	<b>Northern California Tour (Water Education Foundation)</b> <i>Oct. 19-21, 2016 – Tour starts at Sacramento Airport</i> <i>Registration deadline: 9/19/16</i>	
<b>13</b>	<b>ACWA Region 10 Program</b> <i>Oct. 28, 2016 – Vista Irrigation District</i>	MacKenzie Miller Reznicek

<b>14</b>	<b>San Joaquin Restoration Tour</b> (Water Education Foundation) <i>Nov. 2-3, 2016 – Tour starts at Sacramento Airport</i> <i>Registration deadline: 10/2/16</i>	
<b>15</b>	<b>Ethics AB 1234 Compliance Training Webinar</b> (CSDA) <i>Nov. 8, 2016 – 10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 11/3/16</i>	
<b>16 *</b>	<b>Council of Water Utilities Meeting</b> <i>Nov. 15, 2016, 7:15 a.m., Stoneridge Country Club, Poway</i> <i>Reservation deadline: 11/10/16</i>	
<b>17 *</b>	<b>CSDA Quarterly Dinner Meeting</b> <i>Nov. 17, 2016 – 6:00-9:00 p.m. – The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 11/10/16</i>	
<b>18</b>	<b>ACWA Fall Conference</b> <i>Nov. 29-Dec. 2, 2016 – Anaheim Marriott Hotel</i> <i>Registration deadline: TBD</i>	Vásquez Dorey MacKenzie Miller
<b>19</b>	<b>Colorado River Water Users Association Annual Conference</b> <i>Dec. 14-16, 2016 – Caesar’s Palace, Las Vegas</i> <i>Registration deadline: TBD</i>	Miller (T) MacKenzie Reznicek
<b>20 *</b>	<b>Council of Water Utilities Meeting</b> <i>(No meeting in December)</i>	

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

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

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



**Agenda Item: 17**

## **STAFF REPORT**

**Board Meeting Date: August 17, 2016**  
**Prepared By: Lisa Soto**

**SUBJECT:** ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

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

*Staff-generated list of tentative items for future agendas:*

- Flume Relocation Project
- Upper San Luis Rey Watershed Authority participation
- San Pasqual Undergrounding Project
- Review of meetings eligible for per diem compensation
- Groundwater Study update
- Development of policy on sale/lease of District properties
- Update on hydration station installations at Vista Unified School District sites