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|-------|---|------------------------------|
| I. | Welcome and Introductions | Chairman Lee |
| II. | Flag Salute | |
| III. | Roll Call | |
| | Commissioner Lewis _____ | Commissioner Ebenkamp _____ |
| | Commissioner Lima _____ | Commissioner Lee _____ |
| IV. | Public Comment | |
| | The Chair may impose reasonable limitations on public comments to assure an orderly and timely meeting. | |
| V. | Approval of Minutes for April 4, 2019 (attachment) | Chairman Lee |
| | a. Discussion | b. Action Taken |
| VI. | Review of Financial Statements: Third Quarter FY 18-19 (attachment) | Mr. Teuber |
| | a. Discussion | b. Action Taken |
| VII. | Puente Narrows Underflow-Fiscal Year 2018-19 (attachment) | Mr. Hitchman |
| | a. Discussion | b. Action Taken |
| VIII. | PBWA Legislative Activities | Mr. Hitchman |
| | (1) Engagement of Lobbyist | |
| | a. Discussion | b. Action Taken |
| IX. | Regional Water Supply Reliability Program Updates/Status: | Mr. Coleman/
Mr. Hitchman |
| | (1) California Domestic Water Company | |
| | (2) Pathfinder Road 20-inch Water Main Installation | |
| | (3) Pomona Basin Regional Groundwater Project | |
| | a. Six Basins Groundwater Project Update | |
| | b. Update: Proposition 84 | |

- (4) Central Basin Well
 - a. Central Basin Well Site Evaluation
 - i. Discussion

- ii. Action Taken

- (5) Proposition 1 Integrated Regional Water Management Grant
 - a. LA Solutions for Engineering Solutions, LLC (LASER): Fourth Addendum to Professional Services Agreement for Strategic Consulting Services (attachment)
 - i. Discussion
 - ii. Action Taken

- X. Commission Follow-Up (attachment)
 - a. Discussion

- b. Action Taken

Mr. Hitchman

- XI. Commissioner Comments
 - a. Discussion

- b. Action Taken

- XII. Items for Future Discussion/Review
 - a. Discussion

- b. Action Taken

Chairman Lee

- XIII. Attorney's Report

- a. Legal Counsel will report on matters of interest or having an effect on the Agency

- XIV. Public Comment on Closed Session

Chairman Lee

- XV. Closed Session

- (1) CONFERENCE WITH REAL PROPERTY NEGOTIATOR [§54956.8]

- Property: Acquisition and/or Lease

- Negotiators: Tom Coleman, Erik Hitchman

- Negotiating Parties: Various Property Owners

- Under Negotiations: Price and Payment Term

- (2) CONFERENCE WITH REAL PROPERTY NEGOTIATOR [§54956.8]

- Property: Acquisition and/or Lease of Central Basin Water Rights

- Negotiators: Tom Coleman, Erik Hitchman

- Negotiating Parties: Various Water Rights Holders

- Under Negotiations: Price and Payment Term

- (3) CONFERENCE WITH LEGAL COUNSEL- ANTICIPATED LITIGATION [§54956.9(d)(4)]

- Initiation of Litigation – One Potential Case

- XVI. Reconvene in Open Session

- Report of action, if any, taken in Closed Session

- *Next Commission Meeting: Thursday, August 8, 2019, 7:00 a.m., at Walnut Valley Water District*

Adjournment

**MINUTES OF MEETING
OF THE BOARD OF COMMISSIONERS OF
PUENTE BASIN WATER AGENCY**

**April 4, 2019
At the Offices of the
Walnut Valley Water District**

COMMISSIONERS PRESENT:

Theodore L. Ebenkamp, Commissioner
Theresa Lee, Commissioner
Anthony Lima, Commissioner
Robert Lewis, Commissioner

STAFF PRESENT:

Erik Hitchman, Administrative Officer
Jim Ciampa, Legal Counsel
Brian Teuber, Treasurer
Sean Henry, Assistant Treasurer
Carmen Fleming, Secretary

COMMISSIONERS ABSENT:

None

Staff, guests and others in attendance: Ms. Denise Jackman, Director at Three Valleys Municipal Water District; Mr. Dave Warren, and Ms. Rose Perea, Rowland Water District; Mr. Josh Byerrum, and Ms. Sherry Shaw, Walnut Valley Water District.

The meeting was called to order at 7:00 a.m. with Chair Lee presiding.

Item IV: Public Comment

None.

Item V: Approval of Minutes for February 8, 2019

Upon consideration thereof, it was moved by Commissioner Ebenkamp, seconded by Commissioner Lewis and unanimously carried (4-0) to approve the minutes of the Commission meeting held on February 8, 2019.

Chair Lee indicated that the motion was approved by a 4-0 vote

Item VI: Receive and File Walnut Valley Water Districts' 2019 PBWA Board Member Appointment Resolution

- ♦ Mr. Hitchman reported that the attached resolution appointing Walnut Valley Water District's commissioners for 2019 was adopted by Walnut Valley Water District's Board of Directors.

Upon consideration thereof, it was moved by Commissioner Lima seconded by Commissioner Lewis and unanimously carried (4-0), to receive and file the Walnut Valley Water District's Board Member appointment resolution.

Chair Lee indicated that the motion was approved by a 4-0 vote

Item VII: Discussion and Approval of the Proposed Annual PBWA Budget for FY 2019-20

- ♦ Mr. Teuber presented the proposed PBWA Fiscal Year 2019-20 Budget. He highlighted various elements of the budget.
- ♦ Staff then requested that the Commission consider approval of the Proposed FY 2019-20 Budget and indicated that the budget would be presented to the Member Agencies' Boards of Directors for approval as well.

Upon consideration thereof, it was moved by Commissioner Ebenkamp, seconded by Commissioner Lima and unanimously carried (4-0), to approve, receive and file the PBWA Budget

for Fiscal Year 2019-20, and to present that proposed Budget to the Rowland Water District and Walnut Valley Water District Boards for approval.

Chair Lee indicated that the motion was approved by a 4-0 vote

Item VIII: PBWA Legislative Activities

(1) *Engagement of Lobbyist: Cost Sharing Agreement*

- a. Mr. Hitchman stated that the joint lobbying effort with Reeb Government Relations, LLC, is moving forward. Mr. Ciampa prepared a draft Cost Sharing Agreement and Lobbying Firm Retention Contract for review. A draft agreement was also provided to Palmdale Water District and their comments were incorporated into the final agreement. Staff noted that as other entities join, the agreement will be amended.

Upon consideration thereof, it was moved by Commission Lewis, seconded by Commissioner Ebenkamp and unanimously carried (4-0), to approve the Cost Sharing Agreement and Lobbying Firm Retention Contract with Reeb Government Relations, LLC.

Chair Lee indicated that the motion was approved by a 4-0 vote

Item IX: Regional Water Supply Reliability Program Updates/Status:

(1) *California Domestic Water Company:*

- a. *Project Update:* Mr. Warren reported that the Cal Domestic project continues to run a single pump and will possibly continue in that manner through the summer months.

(2) *Pathfinder Road 20-inch Water Main Installation:*

- a. *Project Update:* Ms. Shaw reported that due to the rain, the project experienced delays and is approximately forty percent complete.

(3) *Pomona Basin Regional Groundwater Project*

- a. *Six Basins Groundwater Project Update:* Ms. Shaw reported that staff is working with the contractors to continue the work on the project.
- b. *Update: Proposition 84:* Mr. Hitchman stated that staff and Ms. Wendy La received news that the Agency can proceed with construction activity reimbursements.

(4) *Central Basin Well*

- a. *Central Basin Well Site Evaluation:* Staff is scheduling a meeting with WRD's Hydrogeologist to review findings and any known concerns regarding the well site evaluation.

(5) *Proposition 1 Integrated Regional Water Management Grant*

- ♦ Mr. Hitchman reported that he and Ms. Wendy La attended a project-ranking meeting, and the Agency did not have any projects submitted for consideration.
- ♦ Staff is continuing to work with LASER, Inc., on potential projects for which grant funding may be sought.

Item XI: Commission Follow-Up

None.

Item XII: Commissioner Comments

None.

Item XIII: Items for Future Discussion/Review

None.

Item XIV: Attorney's Report

- ♦ Mr. Ciampa briefed the Commission on significant legislative developments regarding safe drinking water funding issues and also on water quality issues concerning PFOS/PFAS contaminants.

Item XIV: Public Comment on Closed Session

There were no requests to comment on closed session.

Item XV: Closed Session at 8:01 a.m.

(1) The Commission met in closed session in accordance with Government Code [§54956.8] to discuss one real property matter pertaining to the acquisition and/or lease of Central Basin water rights. The negotiators are Mr. Tom Coleman and Mr. Erik Hitchman. The negotiating parties are various water rights holders. Under negotiations are the price and terms of payment.

- No discussion on this item.

(2) The Commission met in closed session in accordance with Government Code [§54956.8] to discuss one real property matter. The negotiators are Mr. Tom Coleman and Mr. Erik Hitchman. The negotiating parties are various water rights holders. Under negotiations are the price and terms of payment.

- No discussion on this item.

(3) The Commission met in closed session in accordance with Government Code 54956.9(d)(4) regarding anticipated litigation concerning one case.

- The Commission was briefed on the facts and circumstances of the potential case and no reportable action under the Brown Act was taken.

Item XVI: Reconvene in Open Session at 8:10 a.m. – see above for the closed session report concerning Items 1-3.

Adjournment – 8:10 a.m.

There being no further business to discuss, upon consideration thereof, it was moved by Commissioner Ebenkamp, seconded by Commissioner Lima and unanimously carried (4-0), to adjourn the Commission meeting.

Chair Lee indicated that the motion was approved by a 4-0 vote

Puente Basin Water Agency

FY 2018-19 Operating Results By Quarter

		9/30/2018	12/31/2018	03/31/2019	TOTAL	Budget
	Ordinary Income/Expense					
1	Income					
2	Administrative Assessment	\$ 21,135	\$ 64,634	\$ 68,915	\$ 154,683	\$ 278,040
3	Water Sales - Project	185,285	276,251	268,172	729,708	2,017,290
4	Water Sales - TVMWD	5,780,211	2,772,203	2,172,451	10,724,865	13,508,930
5	Project Maintenance Reserve	971	1,806	2,520	5,296	15,000
6	Used of Stored/Leased Water	102,301	190,305	265,555	558,162	1,581,000
7	Total Income	6,089,903	3,305,198	2,777,613	12,172,714	17,400,260
8	Expense					
9	Source of Supply					
10	Purchased Water - TVMWD	5,643,038	2,637,090	2,038,627	10,318,755	12,969,260
11	Purchased Water - CDWC	70,467	130,679	181,683	382,828	1,081,510
12	Purchased Water - Stored Water	102,301	190,305	265,555	558,162	1,581,000
13	Assessments - MSGBWM	26,206	48,750	68,027	142,983	405,000
14	Total Source of Supply	5,842,012	3,006,824	2,553,892	11,402,727	16,036,770
15	Fixed Charges					
16	TVMWD Equivalent Small Meters	15,221	15,221	16,099	46,541	62,590
17	TVMWD Water Use Charge	16,724	16,724	18,822	52,269	70,780
18	TVMWD Connected Capacity	14,500	14,500	15,187	44,186	59,330
19	MWD Capacity Reservation Charge	88,669	88,669	83,716	261,054	344,870
20	CDWC Ready To Serve	1,859	1,859	1,859	5,577	7,440
21	Total Fixed Charges	136,972	136,972	135,683	409,627	545,010
22	Other Costs					
23	Energy - Pumping and Treatment	27,295	32,499	26,183	85,977	324,000
24	Materials & Supplies - Chemical	2,647	3,027	6,297	11,971	39,000
25	Materials & Supplies - Others	3,315	2,635	3,615	9,566	19,000
26	Other Costs (RWD Labor etc.)	3,496	6,801	8,403	18,700	38,340
27	Baldy Lease Agreement	50,000	50,000	-	100,000	103,000
28	Permits & Fees	2,060	-	-	2,060	2,100
29	Total Other Costs	88,813	94,963	44,499	228,275	525,440
30	Administrative & General					
31	Legal	8,708	31,825	40,113	80,646	100,000
32	Engineering	-	882	-	882	5,000
33	Professional Services- Other	6,750	14,750	18,187	39,686	125,000
34	Insurance - Property & Liability	-	2,139	-	2,139	10,000
35	Accounting	-	7,040	-	7,040	8,040
36	Administrative Expenses - Other	5,677	7,998	10,015	23,689	30,000
37	Total Administrative & General	21,135	64,634	68,315	154,083	278,040
38	Total Expense	6,088,932	3,303,392	2,802,388	12,194,713	17,385,260
39	Other Income/Expense					
40	Leased Water Income	-	-	50,000	50,000	-
41	LAIF Interest	-	3,848	4,303	8,151	400
42	Other Income	-	-	27,295	27,295	-
43	Net Other Income	-	3,848	81,598	85,446	400
44	Net Income (Loss) Before Transfers	971	5,654	56,823	63,448	15,400
45	Transfer In: Maint. Reserve Funds Used	-	-	-	-	-
46	Transfer Out: Maint. Reserve Funds Collected	(971)	(1,806)	(2,520)	(5,296)	(15,000)
47	Net Income (Loss) After Transfers	\$ -	\$ 3,849	\$ 54,303	\$ 58,152	\$ 400

	PBWA Maintenance Reserve	9/30/2018	12/31/2018	3/31/2019	Year to Date	Budget
48	Beginning Balance	\$ 133,193	\$ 134,164	\$ 135,970	\$ 133,193	\$ 133,193
49	Transfers In	971	1,806	2,520	5,296	15,000
50	Transfers Out	-	-	-	-	-
51	Ending Balance March 31, 2019	\$ 134,164	\$ 135,970	\$ 138,489	\$ 138,489	\$ 148,193

Puente Basin Water Agency

FY 2018-19 Operating Results By Quarter

Capital Projects		9/30/2018	12/31/2018	3/31/2019	Year to Date	Life to Date
52	Revenues					
53	Member Assessment - RWD	\$ 315,216	\$ 503,724	\$ 419,187	\$ 1,238,127	\$ 2,308,752
54	Member Assessment - WVWD	315,216	503,724	419,187	1,238,127	2,308,752
55	Total Revenues	630,432	1,007,448	838,374	2,476,255	4,617,503
56	Expenses					
57	Pathfinder	457,412	94,023	468,437	1,019,872	1,206,198
58	Pomona Basin	173,020	913,425	369,937	1,456,383	3,411,305
59	Total Expenses	\$ 630,432	\$ 1,007,448	\$ 838,374	\$ 2,476,255	\$ 4,617,503

PBWA Stored Water		9/30/2018	12/31/2018	3/31/2019	Year to Date
60	Stored Water (\$\$):				
61	Beginning Balance	\$ 6,861,294	\$ 6,758,993	\$ 6,568,688	\$ 6,861,294
62	Add: Purchased Water				-
63	Less: Water Purchased	(102,301)	(190,305)	(265,555)	(558,162)
64	Ending Balance	\$ 6,758,993	\$ 6,568,688	\$ 6,303,133	\$ 6,303,133
65	Stored Water (AF):				
66	Beginning Balance	12,158	11,964	11,603	12,158
67	Add: Purchased Water	-	-	-	-
68	Less: Water Purchased	(194)	(361)	(504)	(1,059)
69	Ending Balance	11,964	11,603	11,099	11,099

**PUENTE BASIN WATER AGENCY
STATEMENT OF CASH FLOW:
FY 2018-19**

		BEGINNING BALANCE JULY 1, 2018		\$ 1,008,025.08
Deposits:				
		Rowland	\$ 4,840,573.08	
		WVWD	10,039,593.75	
		Liberty Utilities	40,000.00	
		Montebello Land & Water Company	50,000.00	
		Suburban Water Systems	15,000.00	
		LAIF-Interest	11,496.38	
		TVMWD	-	14,996,663.21
		Total Deposits		16,004,688.29
Disbursements				
<u>Date</u>	<u>Check #</u>	<u>Payee</u>		
07/13/18	1326	Doty Bros. Equipment	(233,526.55)	
07/13/18	1327	DRP Engineering Inc.	(20,045.52)	
07/13/18	1328	Inland Water Works	(235.43)	
07/13/18	1329	La Verne	(50,000.00)	
07/13/18	1330	Lagerlof, Senecal, Gosney & Kruse LLP	(240.00)	
07/13/18	1331	Woodard & Curran - RMC	(5,874.20)	
07/13/18	1332	TVMWD	(1,215,139.71)	
07/13/18	1333	United Water Works Inc	(328.50)	
07/13/18	1334	Western Water Works Supply Co.	(7,382.38)	
07/25/18	1335	Bank of America	(442.27)	
07/25/18	1336	City of La Verne	(8,918.00)	
07/25/18	1337	CV Strategies	(50.00)	
07/25/18	1338	DavisFarr	(1,000.00)	
07/25/18	1339	Lagerlof, Senecal, Gosney & Kruse LLP	(975.00)	
07/25/18	1340	LASER LLC	(4,949.68)	
07/25/18	1341	Rowland Water District	(43,026.88)	
07/25/18	1342	Water Replenishment District of Southern	(820.25)	
08/15/18	1343	Doty Bros. Equipment	(69,296.49)	
08/15/18	1344	TVMWD	(1,357,734.71)	
09/13/18	1345	Doty Bros. Equipment	(6,495.33)	
09/13/18	1346	Ecotech Services	(1,900.00)	
09/13/18	1347	Lagerlof, Senecal, Gosney & Kruse LLP	(1,440.00)	
09/13/18	1348	LASER LLC	(3,349.68)	
09/13/18	1349	Woodard & Curran - RMC	(17,434.80)	
09/13/18	1350	Rowland Water District	(37,781.50)	
09/13/18	1351	San Gabriel Valley Watermaster	(171,375.25)	
09/13/18	1352	TVMWD	(2,005,549.71)	
09/13/18	1353	Walnut Valley Water District	(6,641.17)	
10/03/18	1354	Doty Bros. Equipment	(33,250.00)	
10/03/18	1355	Lagerlof, Senecal, Gosney & Kruse LLP	(1,980.00)	
10/03/18	1356	Rowland Water District	(18,195.57)	
10/22/18	1357	ACWA	(3,165.00)	
10/22/18	1358	DavisFarr	(6,000.00)	
10/22/18	1359	Lagerlof, Senecal, Gosney & Kruse LLP	(540.00)	
10/22/18	1360	Rowland Water District	(1,943.27)	
10/22/18	1361	TVMWD	(2,047,064.71)	
10/22/18	1362	United Rentals	(1,007.87)	
10/22/18	1363	Walnut Valley Water District	(276.25)	

PUENTE BASIN WATER AGENCY
STATEMENT OF CASH FLOW:
FY 2018-19

10/22/18	1364	Western Water Works Supply Co.	(156,499.91)	
10/22/18	1365	Woodard & Curran - RMC	(4,270.15)	
10/25/18	1366	ACWA/JPIA	(2,139.00)	
11/08/18	1367	Bank of America	(448.13)	
11/08/18	1368	Ecotech Services	-	
11/08/18	1369	LASER LLC	(3,400.00)	
11/08/18	1370	Rowland Water District	(8,934.22)	
11/08/18	1371	TVMWD	(1,727,596.71)	
11/08/18	1372	West Coast Pipe	(420,999.05)	
11/08/18	1373	Western Water Works Supply Co.	(3,659.06)	
11/08/18	1374	Woodard & Curran - RMC	(4,167.45)	
12/05/18	1375	Civiltec Engineering	(882.00)	
12/05/18	1376	LASER LLC	(6,300.00)	
12/05/18	1377	Rowland Water District	(5,163.77)	
12/05/18	1378	TVMWD	(891,821.71)	
12/27/18	1379A	City of La Verne	(50,000.00)	
01/15/19	1379	Brkich Construction Corp.	(417,026.25)	
01/15/19	1380	Doty Bros. Equipment	(89,604.00)	
01/15/19	1381	Inland Water Works	(4,418.76)	
01/15/19	1382	Lagerlof, Senecal, Gosney & Kruse LLP	(2,578.75)	
01/15/19	1383	LASER LLC	(5,449.68)	
01/15/19	1384	Rowland Water District	(60,808.13)	
01/15/19	1385	TVMWD	(968,522.71)	
01/15/19	1386	Woodard & Curran - RMC	(5,012.35)	
01/22/19	1387	Inland Water Works	(257.33)	
01/22/19	1388	Lagerlof, Senecal, Gosney & Kruse LLP	(1,430.00)	
01/22/19	1389	Metropolitan Transportation Authority-MTA	(1,500.00)	
01/22/19	1390	Metropolitan Transportation Authority-MTA	(1,500.00)	
02/06/19	1391	Bank of America	(424.29)	
02/06/19	1392	Brkich Construction Corp.	(482,552.50)	
02/06/19	1393	Ecotech Services	(1,100.00)	
02/06/19	1394	Rowland Water District	(46,173.16)	
02/06/19	1395	TVMWD	(911,858.71)	
02/06/19	1396	California Assoc of Mutual Water Co	(5,000.00)	
03/04/19	1397	Brkich Construction Corp.	(288,512.53)	
03/04/19	1398	DavisFarr	(1,040.00)	
03/04/19	1399	Doty Bros. Equipment	(189,164.00)	
03/04/19	1400	Lagerlof, Senecal, Gosney & Kruse LLP	(2,265.00)	
03/04/19	1401	LASER LLC	(2,300.00)	
03/04/19	1402	Rowland Water District	(8,211.16)	
03/04/19	1403	TVMWD	(820,725.07)	
		Total Disbursements		(14,989,091.22)
		ENDING BALANCE MARCH 31, 2019		\$ 1,015,597.07
		LAIF		\$ 716,421.21
		Checking		\$ 299,175.86
		Total Cash Balance		\$ 1,015,597.07



861 Village Oaks Drive, Suite 100 • Covina, California 91724
Phone: (626) 967-6202 • Fax: (626) 331-7065 • Website: www.stetsonengineers.com
Northern California • Southern California • Arizona • Colorado • Oregon

2533-1.02.002

April 29, 2019

Puente Basin Water Agency
c/o Walnut Valley Water District
271 S. Brea Canyon Road
Walnut, CA 91789

RE: Puente Narrows Underflow

Dear Ms. Angelico:

Enclosed for your files is a signed copy of the letter to the Main San Gabriel Basin Watermaster concerning the annual measurement of Puente Narrows subsurface flow.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kevin R. Smead', is written over a horizontal line.

Kevin R. Smead
Stetson Engineers Inc.

Enclosure

J:\Jobs\2533\1.02.002 - (HOLD)\Puente Narrows Underflow\2018-19\Transmittals - Puente Narrows Under Flow Ltrs.doc

April 16, 2019

Main San Gabriel Basin Watermaster
725 N. Azusa Avenue
Azusa, CA 91702

RE: Puente Narrows Underflow, Fiscal Year 2018-19

Ladies and Gentlemen:

Pursuant to the Judgment in Upper San Gabriel Valley Municipal Water District v. City of Alhambra, et al. and its Exhibit J, Puente Narrows Agreement, the subsurface flow passing from Puente Basin to the Main San Gabriel Basin was determined for fiscal year 2018-19. This determination of subsurface flow was made in accordance with Appendix C, Engineering Criteria, to Exhibit J of the Judgment and consisted of measuring the water levels at the two key wells.

The field measurements of the water levels at the upstream well, 2S/10W-9Q, and downstream well, 2S/10W-8E3, for Fall 2018 were collected on October 10, 2018 by Mr. Tuan Nguyen of Stetson Engineers Inc. representing Upper San Gabriel Valley Municipal Water District and Mr. Charlie Devine of Civiltec Engineering Inc. representing Puente Basin Water Agency. The field measurements of the water levels at the upstream well, 2S/10W-9Q, and downstream well, 2S/10W-8E3, for Spring 2019 were collected on April 4, 2019 by Mr. Tuan Nguyen of Stetson Engineers Inc. representing Upper San Gabriel Valley Municipal Water District and Mr. Charlie Devine of Civiltec Engineering Inc. representing Puente Basin Water Agency. Based on the Fall 2018 and Spring 2019 static water levels at the key wells, the subsurface flow was determined to be 980 acre-feet for fiscal year 2018-19, as shown on Table 1.

Field inspections of the concrete-lined San Jose Creek channel were made concurrently with the field water level measurements and indicated no apparent withdrawal of flow in the San Jose Creek channel from the boundary of Spadra Basin with Puente Basin and downstream to Puente Narrows.

The Puente Narrows Agreement requires that a perpetual accounting of the subsurface flow through Puente Narrows be maintained. Presented in Table 2 is the accounting to date, showing the Accumulated Base Underflow (at 580 acre-feet per year in accordance with Paragraph 8 of the Agreement), the Annual and Accumulated Subsurface Flow to date under the Agreement, the Accumulated Credit or Debit of Puente Agency and the Adjusted Accumulated Credit or Debit of Puente Agency (from Table 3).

By Agreement dated November 30, 1989, Puente Basin Water Agency and Upper San Gabriel Valley Municipal Water District agreed that groundwater extracted from Puente Basin that is treated and discharged to the lined channel, and then percolated in the Main Basin as part of Carrier Corporation's cleanup program, which is required by the Regional Water Quality Control Board, shall be credited to

Puente Agency as subsurface outflow from Puente Basin. Evaporation losses and unusable surface outflow to the ocean are deducted from such groundwater extraction from Puente Basin. As shown on Table 3, Column 6, since fiscal-year 2007-08, Carrier stopped discharging this treated water and the water is being beneficially used in the Puente Basin.

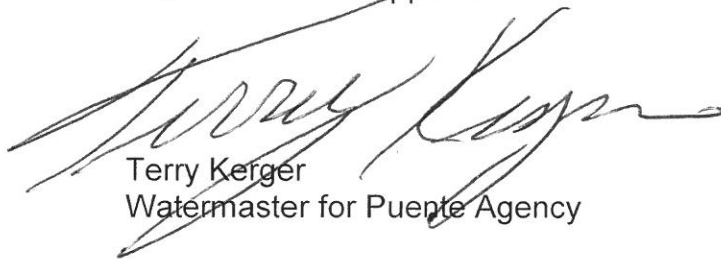
Table 3 shows the Groundwater Extraction for Cleanup Purposes, Deliveries to Rowland Water District, Discharge to Sanitary Sewer, Total Evaporation Losses, Unusable Outflow to Ocean, Annual Cleanup Extraction Credit, accumulated Annual Cleanup Extraction Credit, Accumulated Credit or Debit of Puente Agency (from Table 2), and the Adjusted Accumulated Credit or Debit of Puente Agency.

Respectfully Submitted,

PUENTE NARROWS WATERMASTER



Stephen B. Johnson
Watermaster for Upper District



Terry Kerger
Watermaster for Puente Agency

cc: Upper San Gabriel Valley Municipal Water District
Puente Basin Water Agency

TABLE 1
DETERMINATION OF
PUENTE NARROWS UNDERFLOW

<u>WELL</u>	<u>DATE OF MEASUREMENT</u>	<u>REFERENCE POINT ELEVATIONS (FEET)</u>	<u>DISTANCE TO WATER (FEET)</u>	<u>ELEVATION OF WATER TABLE (FEET)</u>	<u>DIFFERENCE IN WATER LEVELS (FEET)</u>	<u>DISTANCE BETWEEN WELLS (FEET)</u>	<u>HYDRAULIC GRADIENT</u>	<u>AVERAGE WATER LEVEL ELEVATION (FEET)</u>	<u>UNDERFLOW FOR 2018-19 (ACRE-FEET)</u>
<u>FALL 2018</u>									
2S/10W-9Q ¹	10/10/2018	371	39.9	331.1					
2S/10W-8E3	10/10/2018	327	53.7	273.3	57.8	7,700	0.00751	302.2	--
<u>SPRING 2019</u>									
2S/10W-9Q ¹	4/4/2018	371	31.2	339.8					
2S/10W-8E3	4/4/2018	327	48.8	278.2	61.6	7,700	0.00800	309.0	--
TOTAL:							0.01551	611.2	
AVERAGE:							0.00776	305.6	980 ²

1. As described in a memo dated, November 9, 2006, the Watermaster representatives agreed to use Rowland Well No. 1 as a replacement well for the destroyed Faure Well.

2. From Appendix C of Exhibit "J" of Main San Gabriel Basin Judgment

TABLE 2

**DETERMINATION OF SUBSURFACE OUTFLOW
FROM
PUENTE BASIN TO MAIN SAN GABRIEL BASIN
(ACRE-FEET)**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Fiscal Year	Accumulated Base Underflow In Acre-feet (580 AF/Yr)	Subsurface Flow In Acre-feet Annual	Accumulated	Deficiency By Reason Of Interference With Surface Flow, In Acre-feet	Offsetting Credit For Make-up Payments In Acre-feet	(3-4-5) Total Accumulated Subsurface Flow	Adjusted Accumulated Credit(+) or Debit(-) of Puente Agency (from Table 3)
						(6-1) Accumulated Credit(+) or Debit(-) of Puente Agency	
1972-73	580	692	692	0	0	692	+112
1973-74	1,160	796	1,488	0	0	1,488	+328
1974-75	1,740	710	2,198	0	0	2,198	+458
1975-76	2,320	732	2,930	0	0	2,930	+610
1976-77	2,900	658	3,588	0	0	3,588	+688
1977-78	3,480	730	4,318	0	0	4,318	+838
1978-79	4,060	850	5,168	0	0	5,168	+1,108
1979-80	4,640	930	6,098	0	0	6,098	+1,458
1980-81	5,220	820	6,918	0	0	6,918	+1,698
1981-82	5,800	845	7,763	0	0	7,763	+1,963
1982-83	6,380	850	8,613	0	0	8,613	+2,233
1983-84	6,960	798	9,411	0	0	9,411	+2,451
1984-85	7,540	820	10,231	0	0	10,231	+2,691
1985-86	8,120	840	11,071	0	0	11,071	+2,951
1986-87	8,700	850	11,921	0	0	11,921	+3,221
1987-88	9,280	880	12,801	0	0	12,801	+3,521
1988-89	9,860	890	13,691	0	0	13,691	+3,831
1989-90	10,440	910	14,601	0	0	14,601	+4,161
1990-91	11,020	905	15,506	0	0	15,506	+4,486
1991-92	11,600	925	16,431	0	0	16,431	+4,831
1992-93	12,180	890	17,321	0	0	17,321	+5,141
1993-94	12,760	845	18,166	0	0	18,166	+5,406
1994-95	13,340	860	19,026	0	0	19,026	+5,686
1995-96	13,920	810	19,836	0	0	19,836	+5,916
1996-97	14,500	820	20,656	0	0	20,656	+6,156
1997-98	15,080	840	21,496	0	0	21,496	+6,416
1998-99	15,660	750	22,246	0	0	22,246	+6,586
1999-00	16,240	760	23,006	0	0	23,006	+6,766
2000-01	16,820	860	23,866	0	0	23,866	+7,046
2001-02	17,400	890	24,756	0	0	24,756	+7,356
2002-03	17,980	940	25,696	0	0	25,696	+7,716
2003-04	18,560	960	26,656	0	0	26,656	+8,096
2004-05	19,140	960	27,616	0	0	27,616	+8,476
2005-06	19,720	860	28,476	0	0	28,476	+8,756
2006-07	20,300	950	29,426	0	0	29,426	+9,126
2007-08	20,880	940	30,366	0	0	30,366	+9,486
2008-09	21,460	960	31,326	0	0	31,326	+9,866
2009-10	22,040	945	32,271	0	0	32,271	+10,231
2010-11	22,620	985	33,256	0	0	33,256	+10,636
2011-12	23,200	890	34,146	0	0	34,146	+10,946
2012-13	23,780	930	35,076	0	0	35,076	+11,296
2013-14	24,360	985	36,061	0	0	36,061	+11,701
2014-15	24,940	980	37,041	0	0	37,041	+12,101
2015-16	25,520	1,010	38,051	0	0	38,051	+12,531
2016-17	26,100	970	39,021	0	0	39,021	+12,921
2017-18	26,680	995	40,016	0	0	40,016	+13,336
2018-19	27,260	980	40,996	0	0	40,996	+13,736

TABLE 3

**ADJUSTMENT TO SUBSURFACE FLOW
DUE TO GROUND-WATER CLEANUP*
(ACRE-FEET)**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
						(1-2-3-4-5)			(7 + 8)
Fiscal Year	Groundwater Extraction For Cleanup Purposes	Less: Deliveries To Rowland Water District	Discharge To Sanitary Sewer	Evaporation Losses	Unusable Outflow To Ocean	Annual Cleanup Extraction Credit	Accumulated Annual Cleanup Extraction Credit	Accumulated Credit(+) or Debit(-) of Puente Agency (from Table 2)	Adjusted Accumulated Credit(+) or Debit(-) of Puente Agency
1972-73	--	--	--	--	--	--	--	+112	+112
1973-74	--	--	--	--	--	--	--	+328	+328
1974-75	--	--	--	--	--	--	--	+458	+458
1975-76	--	--	--	--	--	--	--	+610	+610
1976-77	--	--	--	--	--	--	--	+688	+688
1977-78	--	--	--	--	--	--	--	+838	+838
1978-79	--	--	--	--	--	--	--	+1,108	+1,108
1979-80	--	--	--	--	--	--	--	+1,458	+1,458
1980-81	--	--	--	--	--	--	--	+1,698	+1,698
1981-82	--	--	--	--	--	--	--	+1,963	+1,963
1982-83	--	--	--	--	--	--	--	+2,233	+2,233
1983-84	--	--	--	--	--	--	--	+2,451	+2,451
1984-85	--	--	--	--	--	--	--	+2,691	+2,691
1985-86	--	--	--	--	--	--	--	+2,951	+2,951
1986-87	--	--	--	--	--	--	--	+3,221	+3,221
1987-88	--	--	--	--	--	--	--	+3,521	+3,521
1988-89	77	--	3	2	1	71	71	+3,831	+3,902
1989-90	264	--	0	2	4	258	329	+4,161	+4,490
1990-91	441	--	0	8	9	424	753	+4,486	+5,239
1991-92	386	--	0	7	20	359	1,112	+4,831	+5,943
1992-93	389	--	0	7	56	326	1,438	+5,141	+6,579
1993-94	456	--	0	5	6	445	1,883	+5,406	+7,289
1994-95	288	--	0	4	42	242	2,125	+5,686	+7,811
1995-96	317	--	0	5	11	301	2,426	+5,916	+8,342
1996-97	455	--	0	9	24	422	2,848	+6,156	+9,004
1997-98	172	--	0	3	48	121	2,969	+6,416	+9,385
1998-99	247	--	0	2	4	241	3,210	+6,586	+9,796
1999-00	386	--	0	6	9	371	3,581	+6,766	+10,347
2000-01	424	--	0	6	12	406	3,987	+7,046	+11,033
2001-02	213	--	0	4	2	207	4,194	+7,356	+11,550
2002-03	157	--	0	3	19	135	4,329	+7,716	+12,045
2003-04	156	--	0	1	26	129	4,458	+8,096	+12,554
2004-05	137	--	0	2	51	84	4,542	+8,476	+13,018
2005-06	143	--	0	1	7	135	4,677	+8,756	+13,433
2006-07	123	--	0	1	0	122	4,799	+9,126	+13,925
2007-08	84	--	0	1	2	81	4,880	+9,486	+14,366
2008-09	59	59	0	0	0	0	4,880	+9,866	+14,746
2009-10	48	48	0	0	0	0	4,880	+10,231	+15,111
2010-11	78	78	0	0	0	0	4,880	+10,636	+15,516
2011-12	241	241	0	0	0	0	4,880	+10,946	+15,826
2012-13	77	63	14	0	0	0	4,880	+11,296	+16,176
2013-14	110	110	0	0	0	0	4,880	+11,701	+16,581
2014-15	69	69	0	0	0	0	4,880	+12,101	+16,981
2015-16	60	53	7	0	0	0	4,880	+12,531	+17,411
2016-17	99	99	0	0	0	0	4,880	+12,921	+17,801
2017-18	59	53	6	0	0	0	4,880	+13,336	+18,216

*Agreement Re Determination of Impact of "Cleanup" Production by Carrier Corporation Upon "Subsurface Outflow" Under "Puente Narrows Agreement," November 30, 1989.

Note: Fiscal year 2018-19 adjustment to subsurface flow was not made due to incomplete data. The adjustment will be included in the Spring 2020 measurements.



June 6, 2019

TO: Board of Commissioners
FROM: Erik Hitchman, Administrative Officer
RE: LA Solutions for Engineering Solutions, LLC (LASER): Fourth Amendment to Professional Services Agreement for Strategic Consulting Services

Recommendation

That the Board of Commissioners authorize the Administrative Officer to execute a Fourth Addendum to the Professional Services Agreement for Strategic Consulting Services for LA Solutions for Engineering Resources (LASER), LLC:

1. Increase the funding by \$40,000; and
2. Extend the contract to June 30, 2020

All other terms and conditions are proposed to remain the same.

Background:

In April 2014, the PBWA entered into an agreement with LASER and was able to secure with LASER's assistance a \$3 million grant from Prop 84, Round 3 Funding. As provided, "this agreement may be extended from time to time as agreed by the PBWA and the Consultant."

As discussed at each PBWA meeting, LASER remains invaluable as she assists PBWA through the maze of grant funding and strategic insights. In addition, she assists with the following:

- Round 3b of the Proposition 84 Funding (oversight and strategic guidance) regarding implementation of our \$3 million grant;
- Proposition 1 State Funding and the potential for additional grant funding;
- State Board's Groundwater Grant Program Guidelines; and
- State Loans / Revolving Funds

LASER continues to work very closely with PBWA staff in pursuit of various funding opportunities. Ms. Wendy La, PE, founder of LASER, has in-depth knowledge and hands-on experience working with the Proposition 84 Integrated Regional Water Management (IRWM) Grant Funding Process for more than ten years. As the former chair of the Upper San Gabriel and Rio Hondo Sub-region, Ms. La has first-hand experience collaborating with the local, regional, and countywide stakeholders in the IRWM plan development and project selection process.

Given our ongoing successful partnership combined with Ms. La's experience and expertise, staff recommends that we enter into this fourth contract addendum with a not-to-exceed additional increase of \$40,000 and extend the date of her services through June 30, 2020.



June 6, 2019

TO: Board of Commissioners
FROM: Erik Hitchman, Administrative Officer
RE: Commission Follow-Up

Recommendation

For information only.

Background

Following is an update regarding matters that have recently come before the Commission.

Item	Meeting Date	Commission Activity	Completed	Follow-Up
Engagement of Lobbyist – Cost Sharing Agreement	4/4/19	Approved agreement	4/24/19: Received fully executed Cost Sharing Agreement between PBWA, PWD, and VCWD 5/1/19: Received fully executed agreement from Reeb Government Relations, LLC	
Proposed Annual PBWA Budget for FY 2019-20	4/4/19	Approve the PBWA Operating Budget for Fiscal Year 2019-20	4/16/19: Ratified by Walnut Valley Water District's Board of Directors	Pending approval from Rowland Water District's Board of Directors