RAYMOND BASIN MANAGEMENT BOARD

Regular Meeting of the Board of Directors
To Be Held via Zoom Meeting

Meeting ID# 917-045-438
Password: 964052
April 15, 2020

2:30 p.m.

Posted: April 9, 2020

1. Preliminary Items:
   - a) Pledge of Allegiance
   - b) Call to Order and Determination of Quorum
   - c) Self-introductions
   - d) Additions to Agenda (2/3 vote required for action items)
   - e) Public Comment (Speakers will be limited to three minutes each)
   - f) Approval of Minutes of January 15, 2020, Regular Meeting

2. Report from Outside Agencies

3. Treasurer's Report (Reynoso):
   - a) Approval of financial statement for quarter ending March 31, 2020

4. Election of Board Officers:
   - a) Submittal of Nominations (Takara)
   - b) Other nominations from the floor
   - c) Election of Officers

5. Finance & Administration Report and appropriate action (Reynoso)
   - a) Consideration and approval of budget items
     - i) 2020-2021 Proposed Tentative General Budget
     - ii) 2020-2021 Apportionment of Budget Among Parties

6. Executive Committee Report and appropriate action (Burt)
   - a) Authorization to Prepare 2019-20 Independent Financial Audit

7. Pumping and Storage Committee Report (Yamashita-Lopez)

8. Consideration and Approval of Long-Term Storage Policy Items
   - a) Monk Hill Party pumping schedules pursuant to establishing Long Term Storage Accounts

b) Determination of Administrative Charge per acre foot applicable to 2020-21 (currently $1.50/AF)
c) Determination of percentage loss of stored water applicable to 2020-21 (currently 1%)

9. Authorize 2020-21 Professional Service Agreements with:
   Bucknam and Associates
   Stetson Engineers
   Geoscience

10. Engineer's Report

11. Executive Officer's Report

12. Information Items (receive and file):
    a) Groundwater production summary (third quarter 2019-20)
    b) Acknowledge 2019-20 groundwater leases/exchanges/sales:
       i. None submitted
    c) Investment Report/LAIF Statements

13. Other Business

14. Adjournment; Next Regular Meeting July 15, 2020 (Azusa)

AGENDA ITEM 1

MINUTES

RAYMOND BASIN MANAGEMENT BOARD
REGULAR MEETING

Wednesday, January 15, 2020

BOARD MEMBERS PRESENT AND PARTIES REPRESENTED

Chris Burt	Kinneloa Irrigation District
	East Pasadena Water Company
	Huntington Library and Art Gallery
Jennifer Betancourt Torres (A)	Lincoln Avenue Water Company
	La Canada Irrigation District
	Las Flores Water Company
	Pasadena Cemetery Association
	Valley Water Company
Jim Prior	San Gabriel County Water District
Jose Reynoso	City of Sierra Madre
Tom Tait	City of Arcadia
Gary Takara	City of Pasadena
Jessica Taylor*	California-American Water Company
Armando De La Paz (A)	Rubio Cañon Land and Water Association
Dennis Ahlen (A)*	City of Alhambra

BOARD MEMBERS ABSENT

William Kimberling	Lincoln Avenue Water Company
	La Canada Irrigation District
	Las Flores Water Company
	Pasadena Cemetery Association
	Valley Water Company
Martin Ray	City of Alhambra
Ken Tcheng	Sunny Slope Water Company
Lisa Yamashita-Lopez	Rubio Cañon Land and Water Association

OTHERS PRESENT

Larry Duncan	Lincoln Avenue Water Company
Bob Fan	Valley Water Company
Ken Kules	Pasadena Resident
Melvin Matthews	Kinneloa Irrigation District
Dennis Ahlen	City of Alhambra
Brad Boman	City of Pasadena
Casey Feilen	San Gabriel County Water District
Wayne Goehring	East Pasadena Water Company

STAFF PRESENT

Lauren Augino	Raymond Basin Management Board
Kelly Gardner	Raymond Basin Management Board

Ana Mata	Raymond Basin Management Board
Jenny Savron	Stetson Engineers

** Mr. Ahlen and Ms. Taylor arrived later in the meeting.*

1. PRELIMINARY ITEMS

The meeting was called to order by Director Chris Burt, Chair. It was determined that a quorum was present, and he asked Director Tait to lead the group in reciting the Pledge of Allegiance. Self-introductions were made and no additions to the agenda were offered.

The Chair asked for public comments, and Mr. Ken Kules, Pasadena resident, referenced distributed copies of the Salt and Nutrient Management Plan (SNMP). He stated that the SNMP was adopted by the RBMB in May 2016, by the Los Angeles Regional Water Quality Control Board (RWQCB) in December 2016 and by the State Water Resources Control Board in May 2017. He added that the SNMP requires annual monitoring and triennial reporting of Total dissolved solids (TDS), nitrate, chloride and sulphate, noting the development of mitigation measures if water quality monitoring indicates higher-than-predicted salt loading.

Additionally, Mr. Kules provided an overview of the most recent reporting for the City of Pasadena's groundwater and Metropolitan Water District of Southern California's imported supply, noting that TDS levels in the City of Pasadena's well production have far exceeded the SNMP projections and now exceed the RWQCB Basin Plan objective of 450 parts per million. Lastly, he provided a projection of groundwater TDS quality as shown in the SNMP.

Ms. Taylor joined the meeting.

On motion made by Director Tait, seconded by Director Takara, and unanimously carried, the minutes of the October 16, 2019 regular meeting were approved.

On motion made by Director Tait, seconded by Director Reynoso, and unanimously carried, the minutes of the December 19, 2019 special meeting were approved.

2. REPORT FROM OUTSIDE AGENCIES

None

3. TREASURERS REPORT

Treasurer Jose Reynoso reported that, as of December 31, 2019, the Raymond Basin Management Board (RBMB) has collected $612,000 in Assessments and $506 in Long-Term Storage. All Assessments, and Long-Term Storage Program Revenue has been collected for fiscal year 2019-20. He added that, as of December 31, 2019, the RBMB has spent $198,900

(which includes Title 22, and Salvage Credit Reimbursable Expenditures), and currently has a balance of $32,200 in Receivables and $3,675,300 in available cash. Reserve Funds available for groundwater recharge projects is $2,540,000.

Director Burt, Chair, asked for any questions of Director Reynoso, and with none offered, ordered the financial statement for quarter ending December 31, 2019 received and filed.

4. ANNUAL REVIEW OF INVESTMENT POLICY

The Assistant Executive Officer, Ms. Kelly Gardner reported that this item is an annual requirement of the original Resolution adopting the Board Investment Policy (Resolution No. 20-0496). She provided a brief review of how RBMB's investments are managed and noted that Local Agency Investment Fund (LAIF) has proven to be a secure and flexible fund. She added that 100% of reserves are currently in LAIF. A copy of the Resolution was included in the Board packet and there are no changes recommended at this time.

On motion made by Director Prior, seconded by Director Takara, and unanimously carried, the Investment Policy was reaffirmed.

5. EXECUTIVE COMMITTEE REPORT

Director Burt, Chair, referred to the written Committee report included in the Board packet and stated that the Committee met on December 19, 2019, and reviewed a draft of today's Board agenda, a list of 2020 RBMB meeting dates, Board and Committee lists and representative seats on the Board. He additionally stated that the Committee also discussed the Pasadena In-Lieu Proposal and a potential bank change. He noted that Director Tait provided a brief update on the potential cooperative project between the cities of Arcadia and Sierra Madre to drill a joint well and improve water levels in the Santa Anita Subarea. Lastly, he mentioned that the Executive Officer reported that the Association of Ground Water Agencies and American Groundwater Trust's Annual Conference is scheduled for February 19 – 20, 2020.

6. PUMPING & STORAGE COMMITTEE REPORT

Director Burt, Chair, reported that the Committee met on January 7, 2020, and discussed the Pasadena Subarea outlining the Alternative Management Scenarios and the City of Pasadena's In-Lieu Proposal.

Mr. Ahlen joined the meeting.

7. REPORT ON SIERRA MADRE SPREADING/PUMPING

Director Reynoso provided an overview on the City's program that spreads imported MWD water in the Santa Anita Subarea for groundwater recharge. He explained that the program is beneficial for the City and their intent is to continue.

On motion made by Director Reynoso, seconded by Director Tait, and unanimously carried, the Report on Sierra Madre Spreading/Pumping was approved.

8. REVIEW CITY OF PASADENA'S APPLICATION TO DESTROY ITS MONTE VISTA WELL

Ms. Gardner reported that the City of Pasadena has submitted an application to destro its Monte Vista Well located near the intersection of Monte Vista Street and Allen Avenue in the City of Pasadena. She stated that the Monte Vista Well has been out of service since December 2007 due to excessive sand production. She reported that the Monte Vista Well was drilled to a depth of 738 feet below ground surface (bgs) in 1925, with a historical pumping capacity of about 1,2000 gallons per minute. She added that the Monte Vista Well was perforated from 384 feet to 685 feet bgs. Ms. Gardner stated that's the destruction of the well will remove a potential source of vertical contaminant migration within the borehole.

RBMB staff has reviewed the City of Pasadena's proposal to destroy the Monte Vista Well according to the RBMB Well Guidelines and determined that it's in compliance.

Director Burt, Chair, asked for any questions of Ms. Gardner, and with none offered, ordered the City of Pasadena's application to destroy its Monte Vista Well received and filed.

9. APPOINT NOMINATING COMMITTEE FOR 2020 BOARD ELECTION

The Assistant Executive Officer stated that this is the time to select a chair of the Nominating Committee and reported that the Executive Committee had proposed that Director Gary Takara serve. Director Takara accepted the nomination and stated that Directors should contact him if they are interested in serving in a specific capacity. The Assistant Executive Officer added that the Nominating Committee will present recommendations for Officers for FY 2020-2021 & 2021-2022 at the April 2020 Board meeting.

On motion made by Director Tait, seconded by Director Prior, and unanimously carried, Director Takara was appointed to serve as Nominating Committee Chair.

10. DISCUSSION REGARDING "OPPORTUNITIES AND CONSTRAINTS STUDY – TREATED WATER DELIVERIES TO EATON SPREADING GROUNDS

Ms. Gardner provided an overview on the Treated Imported Water Deliveries to Eaton Spreading Grounds Opportunities and Constraints Study, stating that following discussions between RBMB, Upper San Gabriel Valley Municipal Water District and the City of Pasadena, Stetson Engineers was requested to prepare a Scope of Work and Budget for the study. The intent of the study is to review potential new water supply connections to the Eaton

Spreading Grounds for the purpose of replenishing the Pasadena Subarea of the Raymond basin with treated imported water.

Ms. Gardner stated that the Scope of Work will include: existing water delivery and replenishment capabilities and requirements; any impacts to groundwater quality; cost estimates; options to allocate costs; quantify Pasadena Subarea impacts; institutional and regulatory requirements; and preliminary design report. She noted that the proposed not-to-exceed budget for the Scope of Work is $17,500 and includes one round of comments from the Pumping and Storage Committee and two meetings – Pumping and Storage Committee and Resilience and Reliability Team.

On motion made by Director Tait, seconded by Director Prior, and unanimously carried, the Treated Imported Water Deliveries to Eaton Spreading Grounds Opportunities and Constraints Study was approved.

11. EXECUTIVE OFFICER'S REPORT
On behalf of the Executive Officer, Ms. Gardner thanked the RBMB for their flexibility and patience in accommodating the time change of today's RBMB Meeting from 2:30 p.m. to 3:00 p.m.

12. ENGINEER'S REPORT
Ms. Gardner introduced Ms. Jenny Savron, Senior Engineer with Stetson Engineers. Ms. Savron then referred to the written Engineers Report included in the agenda packet, highlighting hydrologic conditions and information by subarea on rainfall, well levels, production records and spreading.

Director, Burt, Chair, asked for any questions of Ms. Savron, and with none offered, ordered the report received and filed.

13. INFORMATION ITEMS
Director Burt, Chair, referred to the items included in the agenda packet.

15. OTHER BUSINESS
None.

15. ADJOURNMENT
There being no other business, a motion was made by Director Prior, seconded by Director Ahlen, and unanimously carried, adjourning to the next Regular Board meeting on Wednesday, April 15, 2020 at 2:30 p.m. (Azusa).

_____
Chris Burt, Chair

Attest:

Gary Takara, Secretary

DRAFT

AGENDA ITEM 3

Income Statement
For The 9 Periods Ended 3/31/2020

RAYMOND BASIN MANAGEMENT BOARD (RBM)

	Year to Date	ORIGINAL Annual Budget	Variance	Variance %
Revenue				
DWR Serv. Assessments - Part A	$ 5,000.00	$ 5,000.00	$ 0.00	0 %
Administration Assess - Part C	604,440.00	604,440.00	0.00	0
Long-Term Storage Program-Income	506.40	400.00	106.40	27
Title 22 Program Income	25,785.14	35,000.00	(9,214.86)	(26)
Spreading Program - Part B	3,000.00	3,000.00	0.00	0
Salvage Credit Reimbursement	0.00	3,000.00	(3,000.00)	(100)
Discharge Credit Calc. Reimb. - Pasadena	0.00	3,000.00	(3,000.00)	(100)
FWC - Project Income	95.40	1,000.00	(904.60)	(90)
Total Revenue:	638,826.94	654,840.00	(16,013.06)	(2)
Gross Profit:	638,826.94	654,840.00	(16,013.06)	(2)
Expenses				
DWR Administration	0.00	5,000.00	5,000.00	100
MSGBW Administration	164,568.00	246,850.00	82,282.00	33
Office Expense	1,323.44	6,000.00	4,676.56	78
Professional Services	0.00	5,000.00	5,000.00	100
General Engineering	12,650.91	40,000.00	27,349.09	68
Staff Reports for Wells	1,708.24	10,000.00	8,291.76	83
FWC - Basin Contribution	95.40	1,000.00	904.60	90
Monk Hill Study	0.00	10,000.00	10,000.00	100
Federal Grant Match	0.00	50,000.00	50,000.00	100
Monitoring Well Design	0.00	20,000.00	20,000.00	100
Monitoring Well Construction	0.00	203,000.00	203,000.00	100
Salt & Nutrient Mgmt Plan	2,962.50	0.00	(2,962.50)	0
GW Level Management Program	0.00	1,500.00	1,500.00	100
S.A. Subarea Engineering	17,496.18	50,000.00	32,503.82	65
Pasadena Subarea Study	24,389.52	100,000.00	75,610.48	76
Groundwater Monitoring & Mgmt Plan	0.00	5,000.00	5,000.00	100
Legal Fees	0.00	10,000.00	10,000.00	100
Legislative Advocacy	24,000.00	40,000.00	16,000.00	40
Grant Support	0.00	10,000.00	10,000.00	100
Meeting & Travel	3,529.19	6,000.00	2,470.81	41
Strategic Planning	0.00	5,000.00	5,000.00	100
Mapping/GIS/Data Management	0.00	5,000.00	5,000.00	100
Annual Report Expense	11,234.87	9,000.00	(2,234.87)	(25)
Audit Expense	3,600.00	5,000.00	1,400.00	28
Membership Dues	4,625.00	7,500.00	2,875.00	38
Title 22 Program Exp.	28,897.64	40,000.00	11,102.36	28
Spreading Program	3,277.50	3,000.00	(277.50)	(9)
Sierra Madre Salvage Credit Expense	1,905.00	3,000.00	1,095.00	37
Discharge Credit Calc. Expense	0.00	3,000.00	3,000.00	100
FWC - Project Expense	95.40	1,000.00	904.60	90
Contingency	0.00	10,000.00	10,000.00	100
Total Expenses:	306,358.79	910,850.00	604,491.21	66
Change in Net Assets from Operations:	332,468.15	(256,010.00)	588,478.15	230
Other Income and Expense				
Interest Income - Admin. Fund	64,772.76	50,000.00	14,772.76	30
Total Other Income and Expense:	64,772.76	50,000.00	14,772.76	30
Change in Net Assets:	$ 397,240.91	$(206,010.00)	$ 603,250.91	293 %

Balance Sheet
As of 3/31/2020

RAYMOND BASIN MANAGEMENT BOARD (RBM)

Assets			
CURRENT ASSETS			
Petty Cash		$ 200.00	
Regular Checking		11,587.07	
Interest Receivable		16,563.78	
Title 22 - Receivable		6,636.62	
	Total CURRENT ASSETS:		34,987.47
OTHER ASSETS			
LAIF - Admin.		3,592,662.01	
	Total OTHER ASSETS:		3,592,662.01
	Total Assets:		$ 3,627,649.48
Equity			
Retained Earnings-Current Year		397,240.91	
Retained Earnings		3,230,408.57	
	Total Equity:		3,627,649.48
	Total Liabilities & Equity:		$ 3,627,649.48

AGENDA ITEM 4

FY21 – FY22 Nominating Committee for the Executive Committee
March 4, 2020

The members below of the Raymond Basin Management Board are currently serving in the following position:

Term: July 1, 2018 to June 30, 2020		
Name	**Position**	**Chair of Standing Committee**
Chris Burt	Chair	Executive
Lisa Yamashita-Lopez	Vice-Chair	Pumping & Storage
Gary Takara	Secretary	Water Quality
Jose Reynoso	Treasurer	Finance & Administration
Tom Tait	Member at Large	Emergency Preparedness

The members below of the Raymond Basin Management Board are available to serve on the Executive Committee. If voted by the Raymond Basin Management Board, the members will serve in the following position:

Term: July 1, 2020 to June 30, 2022		
Name	**Position**	**Chair of Standing Committee**
Lisa Yamashita-Lopez	Chair	Executive
Gary Takara	Vice-Chair	Pumping & Storage
Jose Reynoso	Secretary	Water Quality
Tom Tait	Treasurer	Finance & Administration
Chris Burt	Member at Large	Emergency Preparedness

AGENDA ITEM 5

RAYMOND BASIN MANAGEMENT BOARD
FINANCE & ADMINISTRATION COMMITTEE MEETING REPORT

Meeting Date: **March 19, 2020**

Present: **C. Burt, Kinneloa Irrigation District**
C. Feilen, San Gabriel County Water District
J. Prior, San Gabriel County Water District
G. Takara, City of Pasadena
T. Tait, City of Arcadia
K. Tcheng, Sunny Slope Water Company
Lisa Yamashita-Lopez, Rubio Cañon Land & Water Asn.

Staff Present: **T. Zampiello, L. Artis and K. Gardner**

Mr. Chris Burt chaired the meeting for Mr. Reynoso. (Meeting held telephonically due to COVID-19 requirements)

Discussion and Recommendation – 2020-21 Budget and Assessment

The Executive Officer, Tony Zampiello, referred to distributed copies of the proposed 2020-21 Raymond Basin Management Board's (RBMB) Budget with Assessment Comparisons. He reported that budget as presented holds the assessment the same as last year at $20 and noted specific line item changes. He stated that the proposed budget includes a 2.5% cost of living adjustment increase in the administrative services agreement with the Main San Gabriel Basin Watermaster, consistent with numbers accessed from the Department of Labor, prior 12 months.

For the benefit of the Committee, the Executive Officer went through the budget, providing an understanding of each item and answering questions from members.

The Committee also discussed the Raymond Basin Reserve Policy and the potential to leverage those funds for buying imported water. Mr. Zampiello reported on the proposed In-Lieu Agreement with the City of Pasadena and how its funding would impact reserves. The Committee recommended that staff provide a budget detail including Producer specific apportionment for an increase in the assessment to $30 from the current $20.

There was some discussion about how an increase like this might impact smaller Producers and those with calendar vs. fiscal year budgets. For next year, taff was asked to prepare a 2-year budget projection. Staff will submit the budget with various assessment rates to the full Board on April 17, 2019 for consideration and approval.

Other

Mr. Zampiello reported that no response had been provided from the City of Pasadena regarding the In-Lieu program that was approved by the RBMB in January. He noted that the

original offer from Pasadena indicated a deadline for submitting payment, and that as of today, the date has passed.

Mr. Takara stated that City of Pasadena management was in possession of the letter agreement prepared by RBMB and that he knows they plan to pursue the program but are working to revise some of the components of the agreement. Mr. Zampiello reiterated that any changes to the agreement would have to be taken to the Board, as he has no authority to revise what had been previously approved by the Board.

The Committee asked for clarification from Mr. Takara on what changes were being proposed and restated that the expectation of the Board is that the program would result in actual reduction of pumping from the Pasadena Subarea, and that any deviation from that would be problematic.

Mr. Takara reported that he would take the Committee's concerns back to his management and report back as soon as possible.

Date of Next Meeting

The Committee will meet at the call of the Chair.

Raymond Basin Management Board
2020-21 Proposed Budget

	2019-20 Adopted Budget	2019-20 Estimated/ Actual	2020-21 Proposed Budget
BALANCE FORWARD	**$ 3,167,387**	**$ 3,230,409**	**$ 3,427,810**
REVENUE			
Party Apportionment - Part A (DWR)	$ 5,000	$ 5,000	$ 5,000
Party Apportionment - Part C (Admin)	604,440	604,440	604,440
Long-Term Storage Program	400	506	400
Title 22 Program	35,000	38,000	38,000
Party Apportionment - Part B (Spreading)	3,000	3,000	3,000
Salvage Credit Reimbursement	3,000	1,905	3,000
Discharge Credit Calc. Reimb.	3,000	-	3,000
FWC - Project Income	1,000	95	1,000
Interest Income	50,000	60,000	50,000
Total Revenue	**$ 704,840**	**$ 712,946**	**$ 707,840**
EXPENSES			
DWR Administration	$ 5,000	$ 5,000	$ 5,000
MSGBW Administration	246,850	246,850	253,020
Office Expense	6,000	6,000	6,000
Professional Services	5,000	-	5,000
General Engineering	40,000	25,000	40,000
Staff Reports for Wells	10,000	5,000	10,000
FWC - Basin Contribution	1,000	95	1,000
Monk Hill Study	10,000	-	10,000
Federal Grant Match	50,000	-	50,000
Salt & Nutrient Mgmt Plan	-	3,000	5,000
GW Level Management Prgm	1,500	-	1,500
S.A. Subarea Engineering	50,000	50,000	50,000
Pasadena Subarea Study	100,000	50,000	100,000
Groundwater M&M Plan	5,000	-	5,000
Legal Fees	10,000	5,000	10,000
Legislative Advocacy	40,000	40,000	40,000
Grant Support	10,000	-	10,000
Meeting & Travel	6,000	5,000	6,000
Strategic Planning	5,000	-	5,000
Mapping/GIS/Data Mgmt.	5,000	-	5,000
Annual Report Expense	9,000	11,300	10,000
Audit Expense	5,000	3,600	5,000
Membership Dues	7,500	6,400	7,500
Title 22 Program	40,000	43,000	43,000
Spreading Program	3,000	3,300	3,000
Sierra Madre Salvage Credit Expense	3,000	1,905	3,000
Discharge Credit Calc. Expense	3,000	-	3,000
FWC - Project Expense	1,000	95	1,000
Contingency	10,000	5,000	10,000
Capital Costs:			
Monitoring Well Design	20,000	-	20,000
Monitoring Well Construction	203,000	-	203,000
Total Expenses	**$ 910,850**	**$ 515,545**	**$ 926,020**
ENDING BALANCE (Reserved Funds for Projects, $5M).			**$ 3,209,630**
Pending Agreement with Pasadena on In-Lieu:			**($731,000)**
			$ 2,478,630

Adopted by the Raymond Basin Management Board on 04/00/2020.

RAYMOND BASIN WATERMASTER SERVICE
APPORTIONMENT OF BUDGET AMONG PARTIES
FISCAL YEAR 2020-21

Party	Acre Feet Decreed Right 1955	Part A DWR Services Apportionment %	Part A DWR Services Apportionment $	* Part B Acre Feet Diversions (FY 2018-19)	Part B Spreading Program Apportionment %	Part B Spreading Program Apportionment $	Part C Administration MSGB Watermaster Administrative Assessment $	Part C Administration Project Fund and Other Expenses Assessment $	Contribution to Operating Reserve $	Part C Total $	Assessment Total
Alhambra, City of	1,031	3.4%	$ 170				$ 8,603	$ 21,080	$ (9,132)	$ 20,551	$ 20,721
Arcadia, City of	5,644	18.4%	$ 920				$ 46,556	$ 114,080	$ (49,419)	$ 111,217	$ 112,137
California-American Water Co.	2,299	7.5%	$ 375				$ 18,977	$ 46,500	$ (20,143)	$ 45,334	$ 45,709
East Pasadena Water Co.	515	1.7%	$ 85				$ 4,301	$ 10,540	$ (4,566)	$ 10,275	$ 10,360
The Huntington Library and Art Gallery	372	1.2%	$ 60				$ 3,036	$ 7,440	$ (3,223)	$ 7,253	$ 7,313
Kinneloa Irrigation District	516	1.7%	$ 85	114.9	2.7%	$ 81	$ 4,301	$ 10,540	$ (4,566)	$ 10,275	$ 10,441
La Cañada Irrigation District	100	0.3%	$ 15				$ 759	$ 1,860	$ (806)	$ 1,813	$ 1,828
Las Flores Water Company	249	0.8%	$ 40	104.0	2.5%	$ 75	$ 2,024	$ 4,960	$ (2,149)	$ 4,835	$ 4,950
Lincoln Avenue Water Company	567	1.8%	$ 90	331.6	7.8%	$ 234	$ 4,554	$ 11,160	$ (4,834)	$ 10,880	$ 11,204
Pasadena Cemetery Association	91	0.3%	$ 15				$ 759	$ 1,860	$ (806)	$ 1,813	$ 1,828
Pasadena, City of	12,807	41.8%	$ 2,090	3,568.1	84.2%	$ 2,526	$ 105,762	$ 259,160	$ (112,266)	$ 252,656	$ 257,272
Rubio Canon L&W Assoc.	1,221	4.0%	$ 200	119.4	2.8%	$ 84	$ 10,121	$ 24,800	$ (10,743)	$ 24,178	$ 24,462
San Gabriel County Water Dist.	1,091	3.6%	$ 180				$ 9,109	$ 22,320	$ (9,669)	$ 21,760	$ 21,940
Sierra Madre, City of	1,764	5.8%	$ 290				$ 14,675	$ 35,960	$ (15,578)	$ 35,057	$ 35,347
Sunny Slope Water Company	1,558	5.1%	$ 255				$ 12,904	$ 31,620	$ (13,697)	$ 30,827	$ 31,082
Valley Water Company	797	2.6%	$ 130				$ 6,579	$ 16,120	$ (6,983)	$ 15,716	$ 15,846
Total	30,622	100.0%	$ 5,000	4,238.0	100.0%	$ 3,000	$ 253,020	$ 620,000	$ (268,580)	$ 604,440	$ 612,440

* See Annual Report, Appendix C for Total Diverted. (Pasadena includes Eaton Wash amount).

Contrib. to Oper. Reserves

$612,440	Total Assess.
($926,020)	Total Expenses
($313,580)	

Plus Reimbursments:

$38,000	Title 22
$3,000	Salvage Credit
$3,000	Discharge Credit Calc.
$1,000	FWC-Proj Exp.
($268,580)	**Contrib. to Oper. Reserve**

(Excludes Interest Earned & LT Prog.)

RAYMOND BASIN WATERMASTER SERVICE
APPORTIONMENT OF BUDGET AMONG PARTIES
FISCAL YEAR 2020-21
ASSESSMENT COMPARISON

Party	Acre Feet Decreed Right 1955	DWR Services Apportionment %	**Assessment @ $20/AF**	**Assessment @ $25/AF**	**Assessment @ $30/AF**	**Assessment @ $34/AF**
Alhambra, City of	1,031	3.4%	$ 20,721	$ 25,927	$ 31,133	$ 35,297
Arcadia, City of	5,644	18.4%	$ 112,137	$ 140,310	$ 168,482	$ 191,020
California-American Water Co.	2,299	7.5%	$ 45,709	$ 57,192	$ 68,675	$ 77,862
East Pasadena Water Co.	515	1.7%	$ 10,360	$ 12,963	$ 15,566	$ 17,648
The Huntington Library and Art Gallery	372	1.2%	$ 7,313	$ 9,150	$ 10,988	$ 12,458
Kinneloa Irrigation District	516	1.7%	$ 10,441	$ 13,044	$ 15,647	$ 17,729
La Canada Irrigation District	100	0.3%	$ 1,828	$ 2,288	$ 2,747	$ 3,114
Las Flores Water Company	249	0.8%	$ 4,950	$ 6,175	$ 7,400	$ 8,380
Lincoln Avenue Water Company	567	1.8%	$ 11,204	$ 13,960	$ 16,716	$ 18,920
Pasadena Cemetery Association	91	0.3%	$ 1,828	$ 2,288	$ 2,747	$ 3,114
Pasadena, City of	12,807	41.8%	$ 257,272	$ 321,272	$ 385,272	$ 436,472
Rubio Canon L&W Assoc.	1,221	4.0%	$ 24,462	$ 30,586	$ 36,711	$ 41,610
San Gabriel County Water Dist.	1,091	3.6%	$ 21,940	$ 27,452	$ 32,964	$ 37,374
Sierra Madre, City of	1,764	5.8%	$ 35,347	$ 44,228	$ 53,108	$ 60,212
Sunny Slope Water Company	1,558	5.1%	$ 31,082	$ 38,890	$ 46,699	$ 52,946
Valley Water Company	797	2.6%	$ 15,846	$ 19,827	$ 23,808	$ 26,992
Total Collected	30,622	100.0%	$ 612,440	$ 765,550	$ 918,660	$ 1,041,148

AGENDA ITEM 6

RAYMOND BASIN MANAGEMENT BOARD
EXECUTIVE COMMITTEE MEETING REPORT

Meeting Date: **March 19, 2020**

Present:
C. Burt, Kinneloa Irrigation District (Chair)
C. Feilen, San Gabriel County Water District
J. Prior, San Gabriel County Water District
J. Reynoso, City of Sierra Madre
T. Tait, City of Arcadia
G. Takara, City of Pasadena
K. Tcheng, Sunny Slope Water Company
L. Yamashita-Lopez, Rubio Canon Land and Water Association

Staff Present: **T. Zampiello, K. Gardner and L. Artis**

Mr. Chris Burt chaired the meeting. (Meeting held telephonically due to COVID-19 requirements)

Report on Budget Activities

The Executive Officer, Tony Zampiello, briefly reported on the draft budget noting that the Finance and Administration Committee had been held immediately prior, with the same participants.

Authorization to Prepare 2019-2020 Financial Audit

The Executive Officer stated that staff has received a bid for auditing services from Egan & Egan, noting that they have requested a $100 increase over last year, making it $3700. Following a brief discussion, the Committee agreed to recommend to the Board to continue audit work with Egan & Egan.

Review Agenda for the April 15, 2020 Board Meeting

The Committee reviewed the agenda for the April Board meeting. The Executive Officer noted that the meeting will be held by electronic means due to the COVID-19 "Safer at Home" rules. Staff will distribute information to the Board and Parties in the coming weeks to ensure proper notification and participation.

Other

Mr. Zampiello reported on the action he has taken in response to the Governor's "Safer at Home" rules. He discussed staffing policies implemented effective today and will distribute copies to the Board with the packet.

Mr. Zampiello also discussed setting up an Ad Hoc Committee to look at updating the RBMB By-Laws and Rules and Regulations. He stated that these should be done periodically to make sure that the information remains pertinent and effective. He suggested that everyone spend some time reviewing the documents with the idea that we will address once the current COVID crisis is over.

Date of Next Executive Committee Meeting

The Committee is tentatively scheduled to meet on Thursday, May 21, 2020

MainSanGabrielBasin
WATERMASTER

Inter office memorandum

TO: **Watermaster Staff**

FROM: **Tony Zampiello, Executive Officer**

DATE: **March 16, 2020**

SUBJECT: **Coronavirus (COVID-19) Information**

On March 4, 2020, Governor Gavin Newsom issued Executive Order N-25-20 declaring a State of Emergency in the State of California as a result of the threat of Coronavirus (COVID-19). Due to this and overall public concern, Watermaster has prepared the following information for all staff to review:

- Our goal is to protect each staff member while continuing to provide professional services to our Producers.
- Staff members are asked to follow recommended sanitary practices, both personally and at work. Frequent hand washing using soap and water, covering your mouth while coughing or sneezing, and avoid touching others will help minimize spreading of the virus. Use hand sanitizer whenever possible.
- COVID-19 is a serious illness; therefore, you are required to notify Watermaster if there is a possibility you have been exposed to it. This includes any known or suspected travel exposure to yourself and those in your household.
- As instructed by the Governor, please try to avoid large gatherings and respect social distancing of approximately 6 feet. Meetings at Watermaster will temporarily be held via electronic means, and staff attendance at non-essential outside meetings will be suspended.
- If you do not feel well, please stay home to prevent unnecessary risk to yourself or others. Watermaster provides paid leave time for all current employees, please refer to the Employee Handbook for specific details (see attached).
- Most importantly, DON'T PANIC - we want everyone to stay safe and are here to help you in any way we can. Feel free to contact Kelly or Arrica if you have any concerns with this, or any other HR related issues.

MainSanGabrielBasin WATERMASTER

Interoffice Memo

Date: March 19, 2020

To: All Employees

From: Tony Zampiello, Executive Officer

Subject: COVID-19

As you all know, the unprecedented outbreak of COVID-19 has forced agencies to address concerns regarding protecting its workforce. After much consideration, I have prepared the following plan to manage Watermaster through this business interruption.

First, and foremost, all employees are encouraged to protect themselves and their families. From a business perspective the following three step procedure will hopefully help guide employees through the coming weeks.

Phase I – Notification

On Monday, March 16, 2020 all staff members were provided an informational memo relating to the Coronavirus (COVID-19) summarizing best practices and expectations going forward.

Phase II – Reduced Employee/Office Exposure

Effective Friday, March 20, 2020 staff will report to work for their **normal hours Tuesday through Thursday - ONLY**. Employees will be compensated without subtraction from their sick or vacation for those days. During these Monday's and Friday's (aside from your assigned "Flex Friday") away from the office, Employees are expected to be available by phone for work related questions/assignments.

Phase III – Emergency Paid Leave Policy

At the direction of the Executive Officer, Watermaster may impose further restrictions on office attendance, and require employees to work from home. The attached Emergency Paid Leave Policy describes general principles and considerations for the use of this time.

As I stated before, this is unprecedented and continuously evolving. I will do my best to provide you all with the most updated information as it becomes available. This policy is temporary, to help ease us all through a difficult time.

MainSanGabrielBasin
WATERMASTER

Interoffice Memo

Date: March 19, 2020

To: All Employees

From: Tony Zampiello, Executive Officer

Subject: Temporary Emergency Paid Leave Policy

Watermaster is actively following the progress of the COVID-19 pandemic and the frequent changes to the federal guidelines. The CDC has implemented stricter national guidelines to help slow the spread of the disease. Because this situation is unprecedented, Watermaster wants employees to know that you and your family's health is our greatest concern. We have temporarily initiated Emergency Paid Leave ("EPL") during the COVID-19 pandemic.

All employees that are sick with a potential communicable illness, including but not limited to the COVID-19, are encouraged to stay home to limit exposure to employees and the public. Absences from work must be reported consistent with current procedures for reporting absences from work

This policy is a temporary and non-precedent setting.

The following reasons for the use of EPL are:

Employee is ill or voluntarily self-quarantined: An employee that opts to not report to work at their own discretion due to potential COVID-19 illness or exposure.

Quarantined by a Public Health Authorities: When an employee is quarantined due to potential COVID- 19 exposure or diagnosed by a medical professional.

Employee is required by Watermaster to stay home: When an employee is not subject to official quarantine by public health authorities; however, the Executive Officer has confirmed that an employee has symptoms associated with COVID-19 (fever, coughing and shortness of breath) Watermaster may require the employee not to report to work or require the employee to telecommute if applicable.

Additionally, if the office is closed completely, the Executive Officer may require and Employee to work from home under this policy.

Employee is absent to care for school-aged children during school closures: Employees absence from work to care for school-aged children during temporary school closures.

Part-Time employee: Part-time employees placed on EPL related to COVID-19 illness or exposure will receive administrative leave pay based on either their regularly scheduled hours or their average weekly hours, whichever is greater.

Workers' Compensation: If an employee becomes ill with COVID-19, and it is determined to be arising out of employment/course of employment in accordance with the Workers' Compensation Act, then the workers' compensation process applies. If the illness is deemed to be due to an off-the-job exposure, then the workers' compensation shall not apply. Employees potentially exposed to COVID-19 at work should report their exposure to their immediate supervisor.

Watermaster reserves the right to make any investigation of a reported illness it deems necessary, even to the requiring of a doctor's certificate. This includes, but is not limited to, misuse of this policy or fraudulent reporting. All determinations of EPL shall be made by the Executive Officer.

Again, it is important that we all remain flexible as things are rapidly changing. Thank you for your professionalism and commitment to Watermaster.

Additional Resources:

If you feel the need to contact an outside source for additional information or support, you can reach our EAP Services at (800) 535-4985.

AGENDA ITEM 7

RAYMOND BASIN MANAGEMENT BOARD
MEETING OF THE PUMPING AND STORAGE COMMITTEE REPORT

Meeting Date: **January 7, 2020**

Members Present: **L. Yamashita-Lopez, Rubio Cañon Land and Water Association (via CC)**
J. Betancourt-Torres, Lincoln Avenue Water Company
C. Burt, Kinneloa Irrigation District
B. Boman, City of Pasadena
N. Jazmadarian, Foothill Municipal Water District (via CC)
W. Kimberling, Las Flores Water Company
M. Matthews, Kinneloa Irrigation District
J. Reynoso, City of Sierra Madre (via CC)
G. Takara, City of Pasadena
J. Taylor, California-American Water Company
K. Tcheng, Sunny Slope Water Company (via CC)

Staff and Others Present: **T. Zampiello, K. Gardner, L. Augino, S. Johnson and J. Savron.**

Ms. Lisa Yamashita-Lopez, Chair, called the meeting to order.

Discussion Regarding Pasadena Subarea Update

Mr. Anthony Zampiello, Executive Officer, introduced the materials provided to the Committee for discussion. The materials outlined the Alternative Management Scenarios adopted in July of 2019 and the City of Pasadena's In-Lieu Proposal approved by the Board at its December 19, 2019 Special Meeting. Mr. Steve Johnson, Consulting Engineer, expanded upon three variations of the Potential In-Lieu Program. The first variation of the program allows for participation within the Pasadena subarea and applies assessment increases to Producers within the Pasadena subarea only. Under the second variation of the program, only Pasadena subarea Producers would be eligible for participation, but the program would be funded by Basin-wide assessment increases. The third program variation allows for Basin-wide participation and requires Basin wide assessment increases. Each variation involves the retirement of water rights based on performance history and assumes a cost-neutral approach which does not withdraw from existing reserve funds. The Committee discussed the history of cost sharing in the Basin, the universal benefit of water right retirement, and the potential for a subarea specific cost/benefit analysis including the importance of establishing a long-term plan for bringing imported water into the Basin.

Mr. Chris Burt, Kinneloa Irrigation District, recommended the third variation of the program as the best fit for the Basin based on program availability and cost. Mr. Zampiello proposed that a detailed version of the third program variation, including a plan and annual approval, be prepared for consideration. This pilot program would assume a Basin wide In-Lieu objective of 1,000 acre-feet. Any assessment increases incurred as a result of the program would be applied after the first fiscal year and funds collected though assessments to fund the next.

Other

The upcoming Raymond Basin Management Board Meeting scheduled for Wednesday, January 15th will need to be moved to 3p.m. instead of its regular time of 2:30p.m. due to room availability. Additionally, the meeting will be held in the Watermaster conference room.

Staff was asked to add the scope of work for the study to review the potential for treated water connections to the Agenda.

Date of Next Meeting

The next regular meeting of the Pumping and Storage Committee is scheduled for February 4, 2020.

AGENDA ITEM 10

RAYMOND BASIN MANAGEMENT BOARD

APRIL 15, 2020

REPORT OF THE ENGINEER ON HYDROLOGIC CONDITIONS

MONK HILL SUBAREA[1/]

- **Key Well** (see attached graph)
  - City of Pasadena Sheldon Well
    - Located in the Southeastern portion of the Monk Hill Subarea.
    - On February 21, 2019, the Sheldon Well groundwater elevation was 928.9 feet.
    - On February 24, 2020, the Sheldon Well groundwater elevation was 939.9 feet.
      - About 11 feet higher than one year ago.
      - No change in the prior quarter (December 2019).
  - Valley Water Company Well No. 2
    - Located in the Central portion of the Monk Hill Subarea.
    - On February 28, 2019, Well No. 2 groundwater elevation was 972.7 feet.
    - On February 29, 2020, Well No. 2 groundwater elevation was 974.7 feet.
      - About 2 feet higher than one year ago.
      - About 6 feet lower than the prior quarter (December 2019).
- **Rainfall** (see attached graph)
  - Descanso Gardens Station as of March 31, 2020 (see attached graph)
    - Average rainfall from July 1st through March 31st of each year is about 19.59 inches
    - Rainfall during July 1, 2019 through March 31, 2020 was 11.50 inches (59 percent of average)
    - Rainfall during July 1, 2018 through March 31, 2019 was 24.25 inches (124 percent of average)
    - Rainfall for FY 2018-19 was about 26.29 inches (120 percent of average)

➢ **Production** (Decreed Right – 7,489.0 AF)

FY 2018-2019	Quarterly	Accum.
07/01/18 – 09/30/18	2,600 AF	2,600 AF
10/01/18 – 12/31/18	1,962 AF	4,562 AF
01/01/19 – 03/31/19	1,062 AF	5,624 AF
04/01/19 – 06/30/19	1,821 AF	7,445 AF
Total	7,445 AF	

FY 2019-2020	Quarterly	Accum.
07/01/19 – 09/30/19	2,603 AF	2,603 AF
10/01/19 – 12/31/19	1,848 AF	4,451 AF
01/01/20 – 03/31/20[2/]	1,328 AF	5,779 AF

2/ Note: Data available through end of February 2020

➢ **Total Replenishment**

	"Spread Credit"	General Benefit	Total Replenishment
FY 2011-12:	2,039.4 AF	1,014.7 AF	3,054.1 AF
FY 2012-13:	856.9 AF	372.4 AF	1,229.3 AF
FY 2013-14:	289.6 AF	113.6 AF	403.2 AF
FY 2014-15:	327.9 AF	113.8 AF	441.7 AF
FY 2015-16:	454.1 AF	183.7 AF	637.8 AF
FY 2016-17:	831.0 AF	446.6 AF	1,277.6 AF
FY 2017-18:	640.9 AF	234.1 AF	875.0 AF
FY 2018-19:	1,865.6 AF	1,057.9 AF	2,923.5 AF
FY 2019-20:	-	-	1,210.4 AF [3/]

3/ Note: Preliminary (July 2019 – February 2020)

PASADENA SUBAREA[1/]

➢ **Key Wells** (see attached graph)

❖ City of Pasadena Copelin 3
- Located in the West Central portion of the Pasadena Subarea.
- On February 22, 2019, the Copelin 3 Well groundwater elevation was 670.4 feet.
- On February 24, 2020, the Copelin 3 groundwater elevation was 674.4 feet.
  - About 4 feet higher than one year ago.
  - About 6 feet lower from the prior quarter (December 2019).

❖ California American Water Company Winston Well
- Located in the East Central portion of the Pasadena Subarea.

- On February 28, 2019, the Winston Well groundwater elevation was 392.6feet.
- On February 27, 2020, the Winston Well groundwater elevation was 399.6 feet.
  - About 7 feet higher from one year ago.
  - About 6 feet higher from the prior quarter (December 2019).

❖ East Pasadena Water Company Well No. 7

- Located in the Southeast portion of the Pasadena Subarea.
- On February 28, 2019, Well No. 7 groundwater elevation was 415.2 feet.
- On March 2, 2020, Well No. 7 groundwater elevation was 414.2 feet.
  - About 1 foot lower than one year ago.
  - About 5 feet lower from the prior quarter (December 2019).

➢ **Rainfall** (see attached graphs)

❖ Pasadena City Hall Station as of February 29, 2020 (see attached graph)

- Average rainfall from July 1st through February 28th of each year is about 14.74 inches
- Rainfall during July 1, 2019 through February 29, 2020 was 9.97 inches (68 percent of average)
- Rainfall during July 1, 2018 through February 28, 2019 was 22.24 inches (151 percent of average)
- Rainfall for FY 2018-19 was about 25.93 inches (129 percent of average)

❖ Altadena-Rubio Canyon Station as of March 31, 2020 (see attached graph)

- Average rainfall from July 1st through March 31st of each year is about 18.97 inches
- Rainfall during July 1, 2019 through March 31, 2020 was 13.61 inches (72 percent of average)
- Rainfall during July 1, 2018 through March 31, 2019 was 27.63 inches (146 percent of average)
- Rainfall for FY 2018-19 was about 29.76 inches (139 percent of average)

➢ **Production** (Decreed Right – 17,843.0 AF; Reduced Right – 12,490.1 AF) (see attached graph)

FY 2018-2019	Quarterly	Accum.
07/01/18 – 09/30/18	4,368 AF	4,368 AF
10/01/18 – 12/31/18	3,412 AF	7,780 AF
01/01/19 – 03/31/19	2,262 AF	10,042 AF

04/01/19 – 06/30/19	2,620 AF	12,663 AF
Total	12,663 AF	

FY 2019-2020	Quarterly	Accum.
07/01/19 – 09/30/19	3,210 AF	3,210 AF
10/01/19 – 12/31/19	1,734 AF	4,943 AF
01/01/20 – 03/31/20[4/]	2,113 AF	7,056 AF

4/ Note: Data available through end of February 2020

- **Total Replenishment**

	"Spread Credit"	General Benefit	Total Replenishment
FY 2011-12:	548.8 AF	175.4 AF	724.2 AF
FY 2012-13:	342.1 AF	85.5 AF	427.6 AF
FY 2013-14:	331.4 AF	144.5 AF	475.9 AF
FY 2014-15:	193.4 AF	87.5 AF	280.9 AF
FY 2015-16:	250.1 AF	76.5 AF	326.6 AF
FY 2016-17:	471.2 AF	811.9 AF	1,283.1 AF
FY 2017-18:	266.1 AF	84.5 AF	350.6 AF
FY 2018-19:	644.1 AF	161.0 AF	805.1 AF
FY 2019-20:	-	-	727 AF[5/]

5/ Note: Preliminary (July 2019 – February 2020)

SANTA ANITA SUBAREA[1/]

- **Key Well** (City of Arcadia Orange Grove No. 1A Well, see attached graph)
  - On February 6, 2019, the Orange Grove 1A Well groundwater elevation was 369.4 feet.
  - On February 5, 2020, the Orange Grove 1A Well groundwater elevation was 413.4 feet.
    - About 44 feet higher than one year ago.
    - About 22 feet higher from the prior quarter (December 2019).

- **Rainfall** (see attached graph)
  - Sierra Madre Dam Station as of March 31, 2020 (see attached graph)
    - Average rainfall from July 1st through March 31st of each year is about 21.86 inches
    - Rainfall during July 1, 2019 through March 31, 2020 was 14.80 inches (68 percent of average)
    - Rainfall during July 1, 2018 through March 31, 2019 was 31.75 inches (145 percent of average)

- Rainfall for FY 2018-19 was about 35.54 inches (144 percent of average)

➢ **Production** (Decreed Right – 5,290.0 AF; Reduced Right – 3,261 AF; Sierra Madre converted to MWD supply in October 2013)

FY 2018-2019	Quarterly	Accum.
07/01/18 – 09/30/18	1,425 AF	1,425 AF
10/01/18 – 12/31/18	1,277 AF	2,702 AF
01/01/19 – 03/31/19	934 AF	3,636 AF
04/01/19 – 06/30/19	894 AF	4,530 AF
Total	4,530 AF	

FY 2019-2020	Quarterly	Accum.
07/01/19 – 09/30/19	1,654 AF	1,654 AF
10/01/19 – 12/31/19	1,152 AF	2,806 AF
01/01/20 – 03/31/20[6/]	328 AF	3,134 AF

6/ Note: Data available through end of February 2020

➢ **Total Replenishment**

	"Water Stored"	General Benefit	Total Replenishment
FY 2011-12:	639.5 AF	837.2 AF	1,476.7 AF
FY 2012-13:	201.2 AF	242.6 AF	443.8 AF
FY 2013-14:	259.2 AF	200.5 AF	459.7 AF
FY 2014-15:	247.9 AF	167.0 AF	414.9 AF
FY 2015-16:	1,433.9 AF	319.1 AF	1,753 AF[7/]
FY 2016-17:	2,570.9 AF	679 AF	3,250 AF[8/]
FY 2017-18:	1,706.1 AF	582 AF	2,275 AF[9/]
FY 2018-19:	2,575.7 AF	1,133 AF	3,709 AF[10/]
FY 2019-20:	-	-	1,808 AF[11/]

7/ Note: Includes 1,020 AF of Imported Water
8/ Note: Includes 1,617 AF of Imported Water
9/ Note: Includes 1,340 AF of Imported Water
10/ Note: Includes 1,016 AF of Imported Water
11/ Note: Preliminary Total Diverted (July 2019 – February 2020). Includes 1,503 AF of Imported Water.

NOTE:
1/ Key Wells partially based on information shown on Figure 9 of RBMB Annual Reports. Rainfall stations selected based on information shown on Figure 2 of RBMB Annual Reports.

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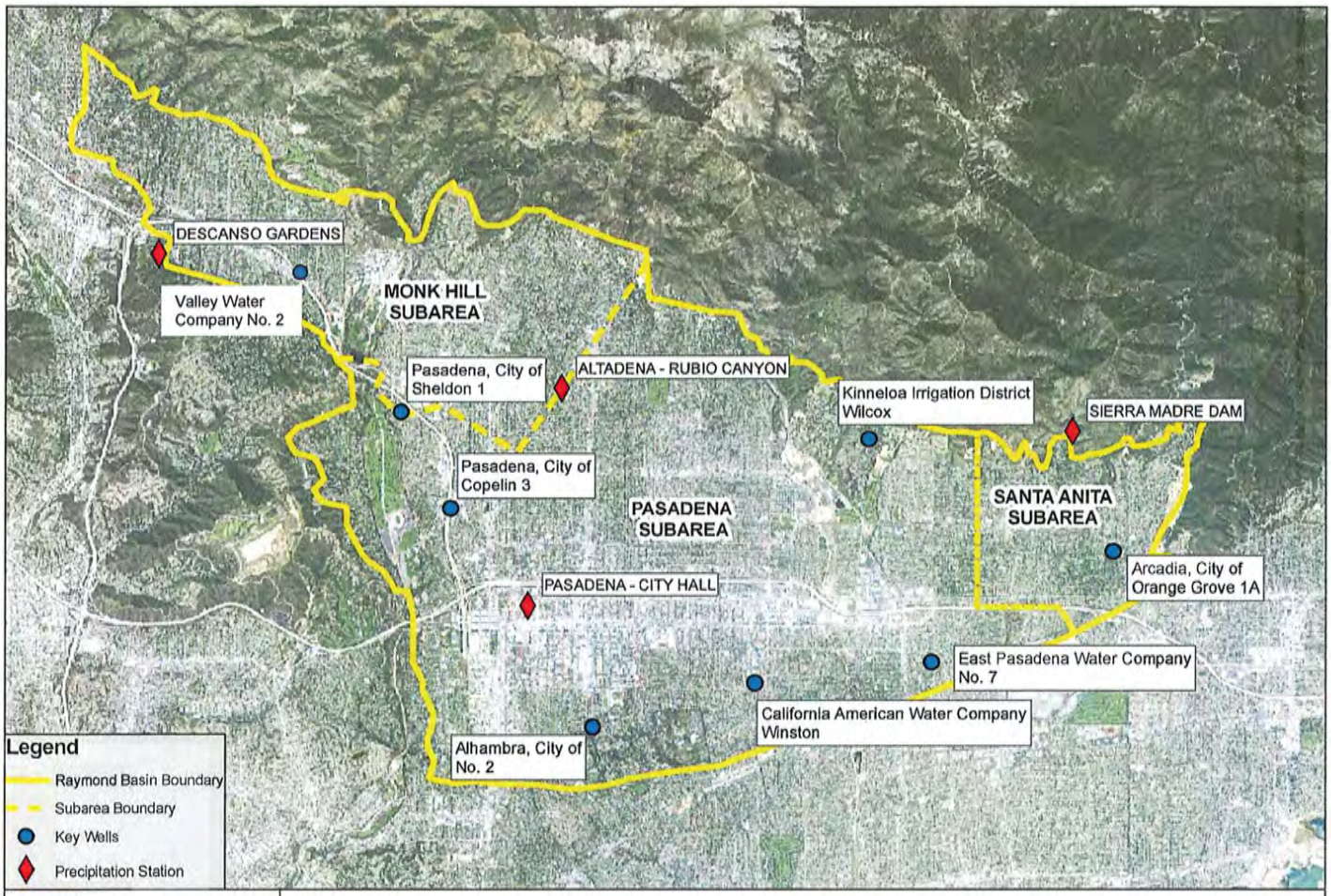
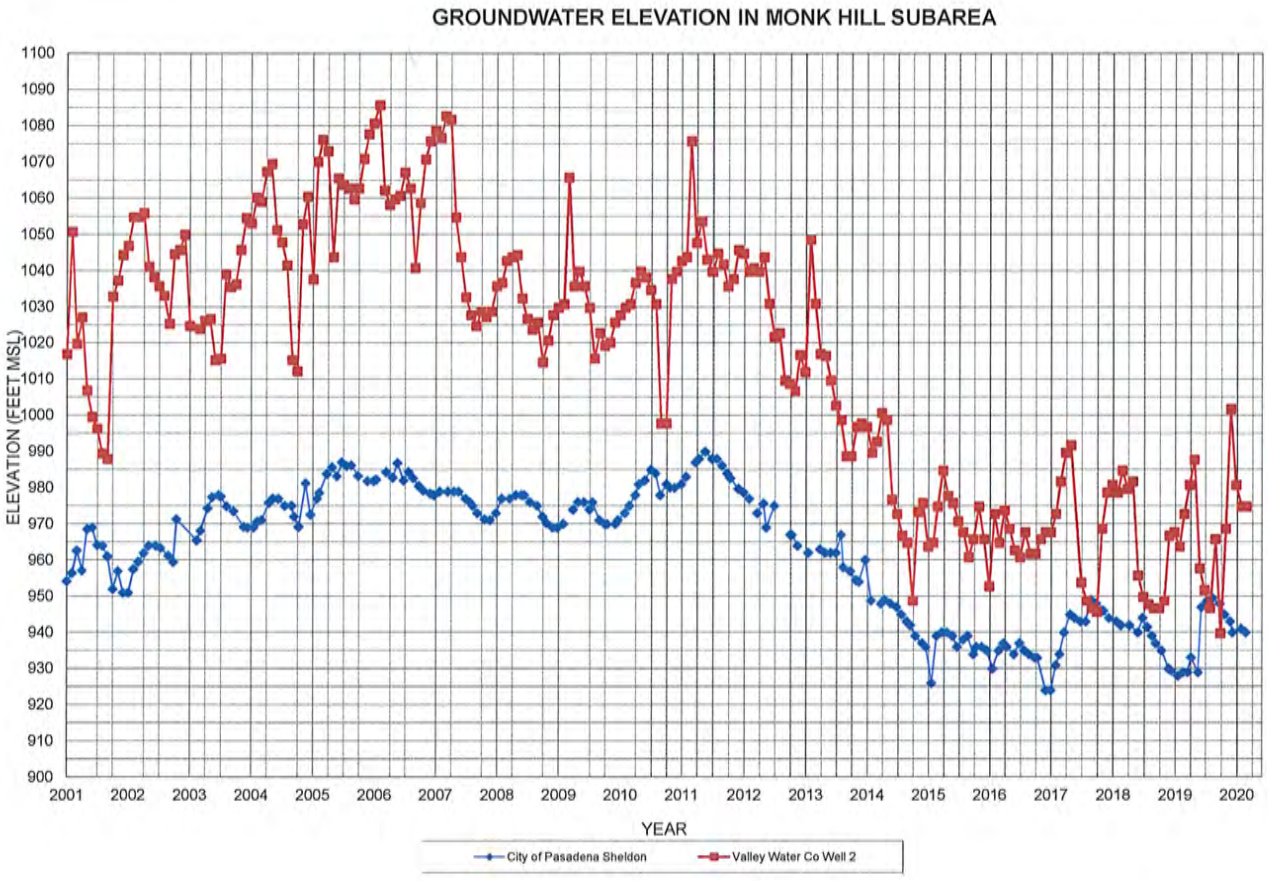


RAYMOND BASIN MANAGEMENT BOARD

LOCATION OF "KEY" WELLS AND PRECIPITATION STATIONS

MONK HILL SUBAREA (KEY WELL GRAPH AND PRECIPITATION GRAPH)


GROUNDWATER ELEVATION IN MONK HILL SUBAREA
ELEVATION (FEET MSL)
1100
1090
1080
1070
1060
1050
1040
1030
1020
1010
1000
990
980
970
960
950
940
930
920
910
900
2001
2002
2003
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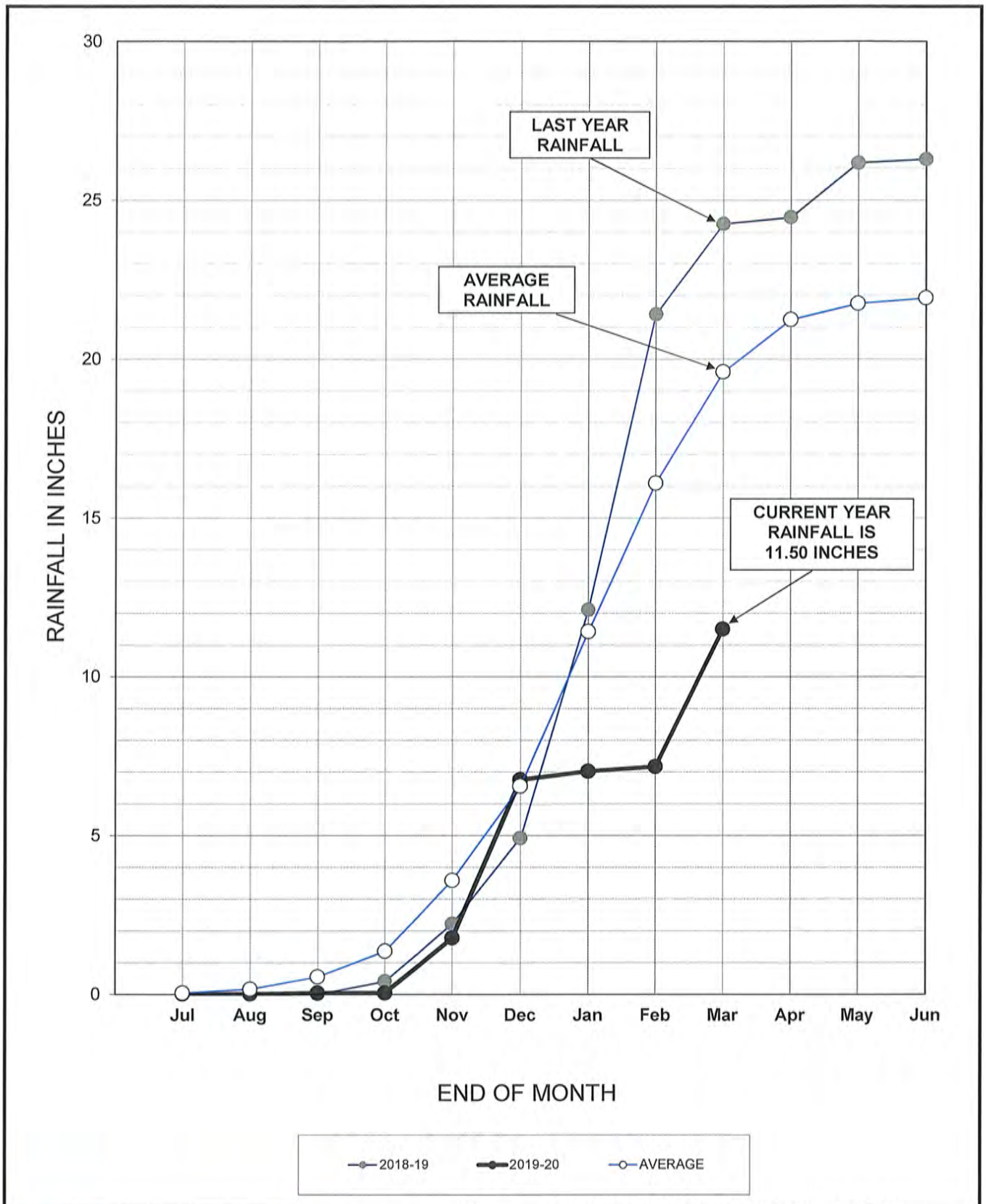
YEAR
City of Pasadena Sheldon
Valley Water Co Well 2



STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

RAYMOND BASIN MANAGEMENT BOARD

ACCUMULATED RAINFALL
AT DESCANSO GARDENS (STATION NO. 1071B)

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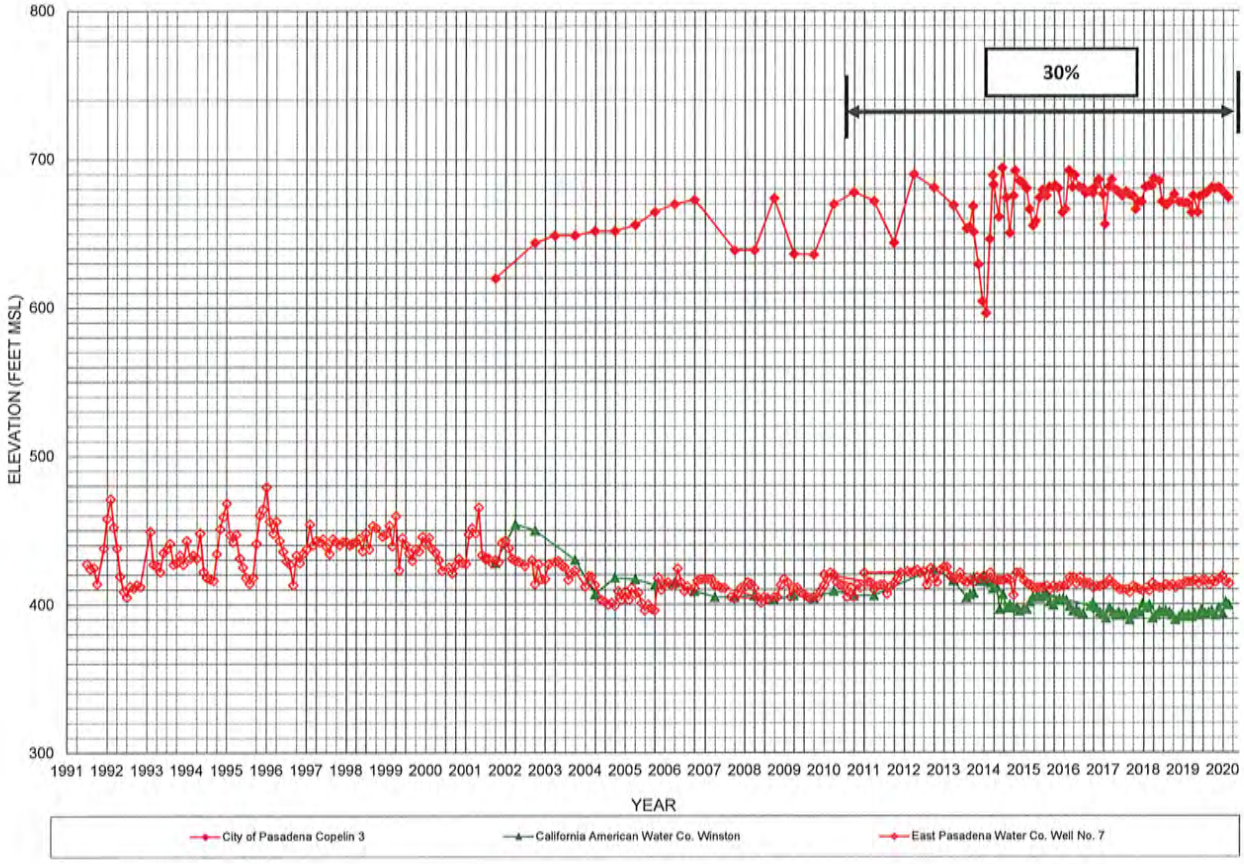
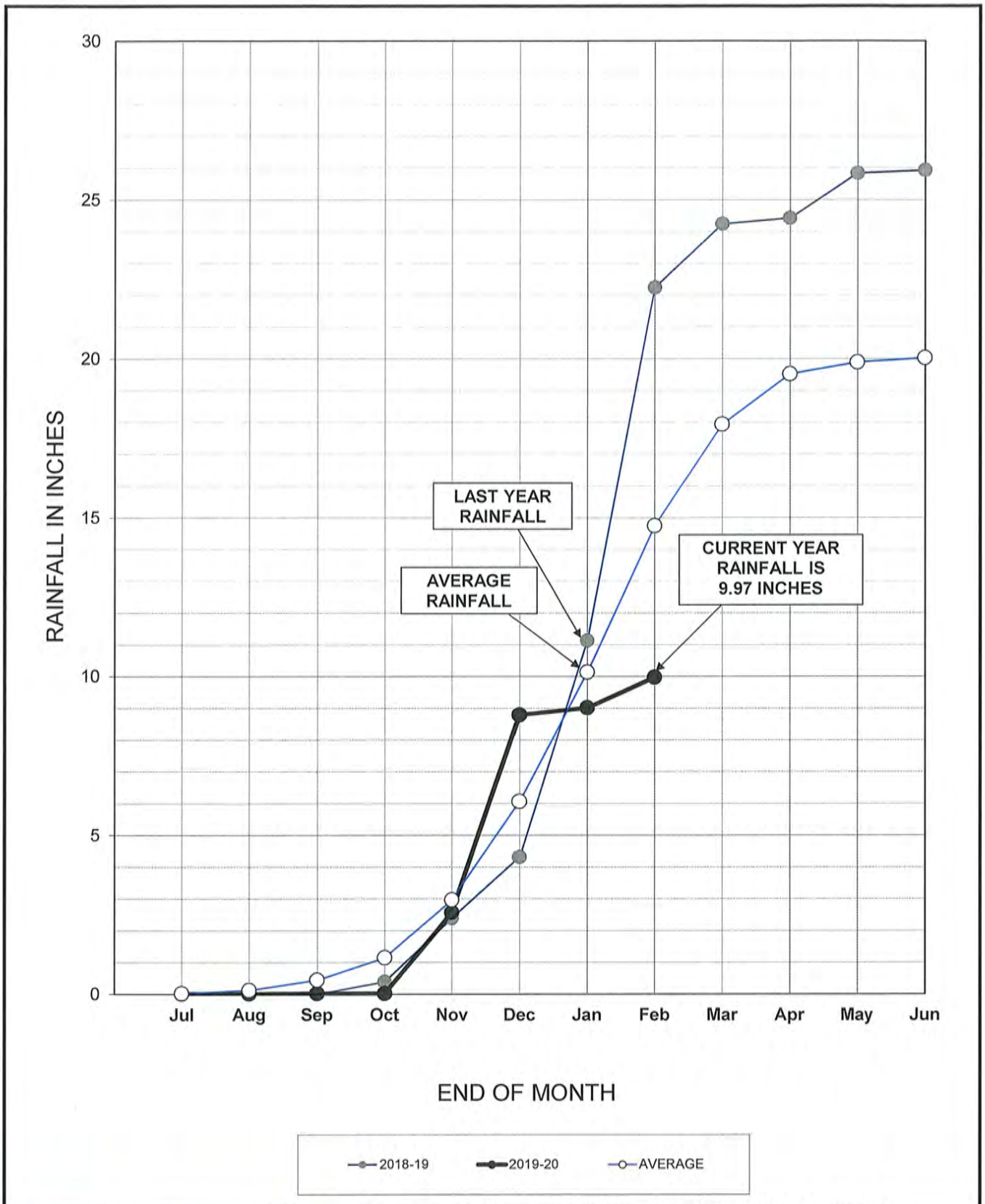
PASADENA SUBAREA (KEY WELL GRAPH AND PRECIPITATION GRAPHS)

GROUNDWATER ELEVATION IN PASADENA SUBAREA





STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

RAYMOND BASIN MANAGEMENT BOARD

ACCUMULATED RAINFALL AT PASADENA CITY HALL (STATION NO. 610B)

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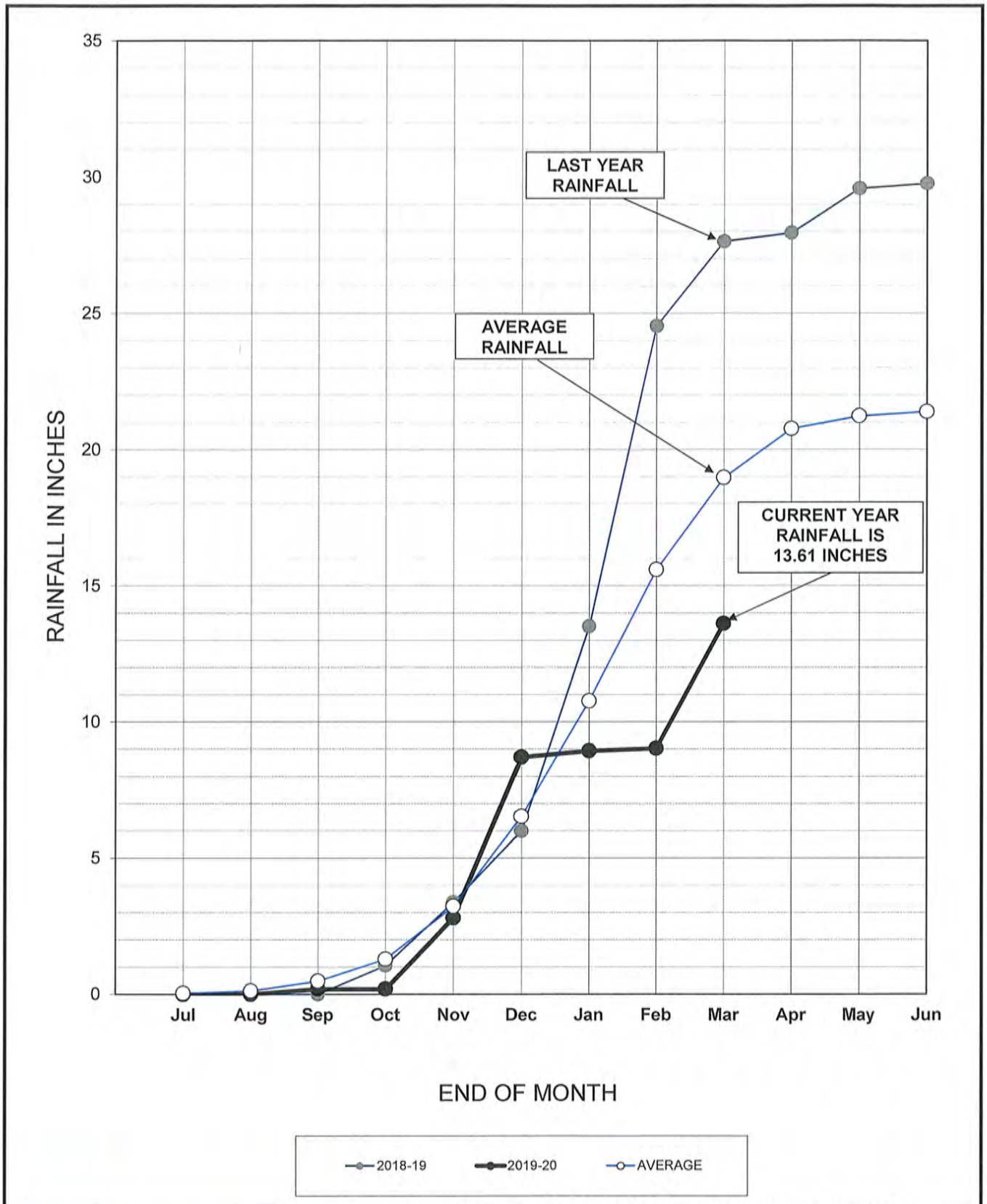

STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

RAYMOND BASIN MANAGEMENT BOARD

ACCUMULATED RAINFALL
AT ALTADENA-RUBIO CANYON (STATION NO. 176)

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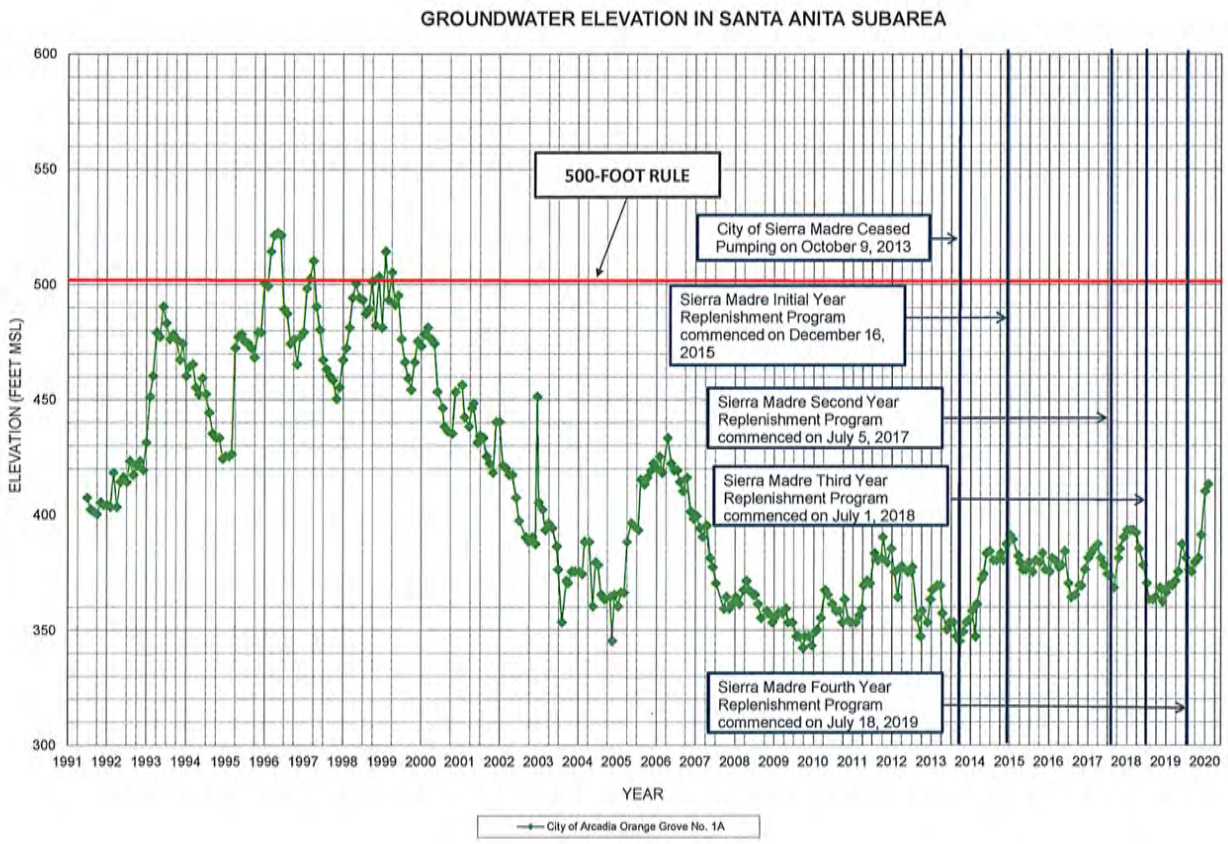
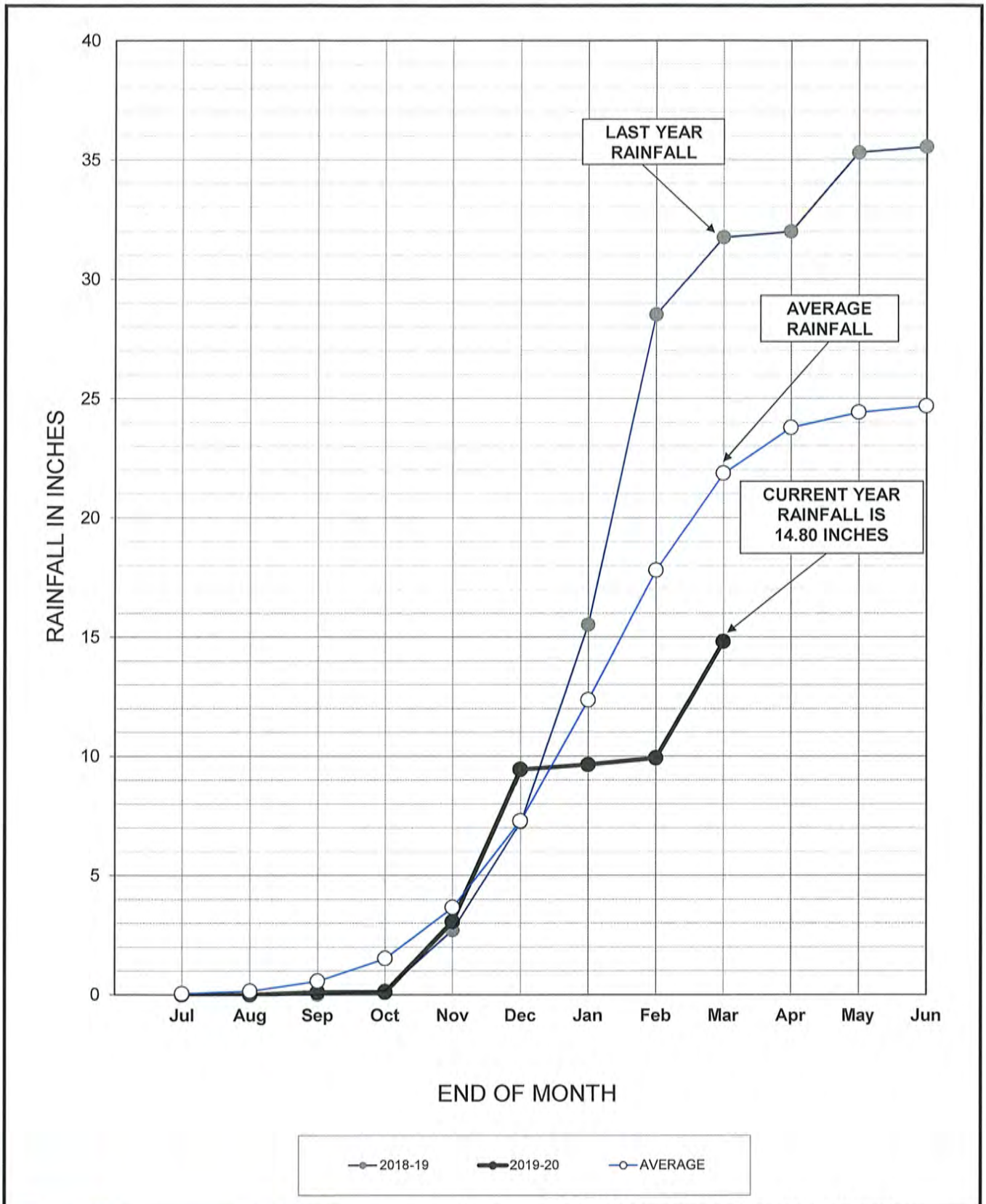
SANTA ANITA SUBAREA (KEY WELL GRAPH AND PRECIPITATION GRAPH)


GROUNDWATER ELEVATION IN SANTA ANITA SUBAREA
ELEVATION (FEET MSL)
600
550
500
450
400
350
300
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020
YEAR
500-FOOT RULE
City of Sierra Madre Ceased Pumping on October 9, 2013
Sierra Madre Initial Year Replenishment Program commenced on December 16, 2015
Sierra Madre Second Year Replenishment Program commenced on July 5, 2017
Sierra Madre Third Year Replenishment Program commenced on July 1, 2018
Sierra Madre Fourth Year Replenishment Program commenced on July 18, 2019
City of Arcadia Orange Grove No. 1A



STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

RAYMOND BASIN MANAGEMENT BOARD

ACCUMULATED RAINFALL
AT SIERRA MADRE DAM (STATION NO. 144)

J:\1927\01\Engineer's Report\\RAINFALL plates_

AGENDA ITEM 12

INFORMATION ITEMS

BETTY T. YEE

California State Controller

LOCAL AGENCY INVESTMENT FUND
REMITTANCE ADVICE

Agency Name — RAYMOND BASIN MANAGEMENT BD

Account Number — 90-19-027

As of 01/15/2020, your Local Agency Investment Fund account has been directly credited with the interest earned on your deposits for the quarter ending 12/31/2019.

Earnings Ratio		.00006250085778970
Interest Rate		2.29%
Dollar Day Total	$	343,528,612.78
Quarter End Principal Balance	$	3,673,191.18
Quarterly Interest Earned	$	21,470.83

RAYMOND BASIN MANAGEMENT BOARD
LAIF INTEREST
FOR QUARTER ENDING DECEMBER 31, 2019
INTEREST RATE 2.29%
(Earnings Ratio 0.00006250085778970)

BALANCE	DAYS	DOLLAR DAY TOTAL	INTEREST
ADMIN			
3,752,692.91	14	52,537,700.74	
3,776,191.18	16	60,419,058.88	
3,747,191.18	25	93,679,779.50	
3,714,191.18	24	89,140,588.32	
3,673,191.18	13	47,751,485.34	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
	92	343,528,612.78	$21,470.83
FWC			
0.00	0	0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
	0	0.00	$0.00
Total		**343,528,612.78**	**$21,470.83**

✓

Earnings Ratio = Rate divided by 100, divided by 365 days.
Interest = Dollar Day Total x Earnings Ratio.

California State Treasurer
Fiona Ma, CPA

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

April 07, 2020

LAIF Home
PMIA Average Monthly Yields

RAYMOND BASIN MANAGEMENT BOARD

CONTROLLER
725 N. AZUSA AVENUE
AZUSA, CA 91702

Tran Type Definitions

Account Number: 90-19-027

January 2020 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
1/15/2020	1/14/2020	QRD	1629164	N/A	SYSTEM	21,470.83
1/15/2020	1/14/2020	RW	1629936	1589376	LUPE ARTIS	-43,000.00

Account Summary

Total Deposit:	21,470.83	Beginning Balance:	3,673,191.18
Total Withdrawal:	-43,000.00	Ending Balance:	3,651,662.01

California State Treasurer
Fiona Ma, CPA

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

April 07, 2020

LAIF Home
PMIA Average Monthly Yields

RAYMOND BASIN MANAGEMENT BOARD

CONTROLLER
725 N. AZUSA AVENUE
AZUSA, CA 91702

Tran Type Definitions

Account Number: 90-19-027

February 2020 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
2/28/2020	2/28/2020	RW	1633107	1594825	LUPE ARTIS	-39,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	3,651,662.01
Total Withdrawal:	-39,000.00	Ending Balance:	3,612,662.01

California State Treasurer
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Sacramento, CA 94209-0001
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April 07, 2020

LAIF Home
PMIA Average Monthly Yields

RAYMOND BASIN MANAGEMENT BOARD

CONTROLLER
725 N. AZUSA AVENUE
AZUSA, CA 91702

Tran Type Definitions

Account Number: 90-19-027

March 2020 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
3/30/2020	3/27/2020	RW	1634981	1596687	LUPE ARTIS	-20,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	3,612,662.01
Total Withdrawal:	-20,000.00	Ending Balance:	3,592,662.01