

REGULAR MEETING OF THE BOARD OF DIRECTORS

AGENDA

TUESDAY, May 25, 2021, 7:00 PM

Notice of Zoom Meeting

President- James Leap
Vice President- Vicki Morris
Director- Marcus Dutra
Director- Richard Smith
Director- Wayne Holman
General Manager- Robert Johnson
Board Secretary- Louise Coombes

Pursuant to Governor Newsom's March 17, 2020 Executive Order N-29-20 regarding COVID-19, members of the Aromas Water District Board of Directors, staff and public may participate in this meeting via Zoom. Instructions on the following page.

- I. **CALL TO ORDER**
- II. **ROLL CALL OF DIRECTORS:** President Jim Leap, Vice President Vicki Morris, Directors, Marcus Dutra, Richard Smith, and Wayne Holman.
- III. **PLEDGE OF ALLEGIANCE**
- IV. **STATEMENTS OF DISQUALIFICATION**
- V. **ADDITIONS AND DELETIONS**
- VI. **MINUTES:** Review the Minutes of the April 27, 2021 Regular Board Meeting for Board approval. p.3-5
- VII. **ORAL COMMUNICATION:** *Anyone wishing to address the Board on informational items, staff reports or matters not listed on the agenda may do so during Oral Communications. Please limit your comment to three (3) minutes. The public may comment on listed Action and Public Hearing items at the time they are considered by the Board.*
- VIII. **PRESENTATIONS & REPORTS**
 - A. DIRECTORS' REPORTS
 - B. ATTORNEY'S REPORT
 - C. MANAGER'S REPORT p.6-9
 - D. CORRESPONDENCE p.10
- IX. **CONSENT CALENDAR:**
 - A. Consider adopting Resolution 2021-05, Levying of Assessment Tax for Oakridge/Via Del Sol p.11-14
 - B. Consider adopting Resolution 2020-06, Levying of Assessment Tax for Orchard Acres p.15-17
- X. **ACTION ITEMS:**
 - A. Review Marshall Well Technical Memorandum dated July 2016, and provide direction to staff. p.18-34
Staff and consultant will present findings from Marshall Well Technical Memorandum dated July 2016, for discussion and Board action.
 - B. Consider adopting the Proposed Capital Budget of \$431,240 for Fiscal Year 2021-22. p.35-36
Staff will present a report on the Proposed Capital Budget of \$431,240 for discussion and Board action.
 - C. Consider adopting the Proposed Expense Budget of \$1,812,600 for Fiscal Year 2021-22. p.37-40
Staff will present a report on the Proposed Expense Budget of \$1,812,600 for discussion and Board action.
 - D. Financial Reports for the Month of April 2021 p.41-46
Including both Assessment Districts, the financial reports show a Total Revenue of \$118,858.15; Total expenditures were \$141,869.79 between April 20, 2021 and May 18, 2021. These financials and monthly expenditures will be presented for discussion and approval.
- XI. **FUTURE MEETINGS & AGENDA ITEMS** Next meeting – June 22, 2021
- XII. **ADJOURNMENT**



Zoom Meeting Instructions

In order to protect the health and safety of the public and Aromas Water District employees, the District office located at 388 Blohm Avenue, Aromas, CA 95004 has been closed to the public until further notice. In accordance with EO N-29-20, the public may participate in the District's Board meeting by teleconference or web conference via the instructions provided below.

The meeting materials will be available for download from the District's website at:

www.aromaswaterdistrict.org.

This meeting is being held via Zoom and all attendees are muted by default. To join the meeting from a computer, tablet, or smartphone via the Zoom app (free at <http://www.zoom.us>), click the link on the meeting date and time: <https://us02web.zoom.us/j/89065467073>

If you do not have speakers or a microphone on your computer, you can dial in for audio.

Call **(669) 900.9128** and enter the Webinar ID: 89065467073

If you would like to speak during the public comment portion of the meeting, you have the following options:

1. **Online** – raise your hand or use the Q&A panel to submit written comments.
2. **Phone** – press *9 to raise your hand, *6 to send a request to be unmuted to submit verbal comments.

The meeting officially will start at 7:00pm, though remote access will be open 15 minutes before the start of the meeting.

Public engagement is important to the District, and meeting remotely is an evolving process.

We appreciate everyone's understanding as we work through this together.

**Minutes of the Regular Meeting of
the Aromas Water District Board of Directors
April 27, 2021**

- I. CALL TO ORDER.** The regular meeting of the Aromas Water District Board of Directors was called to order by President Leap on Tuesday, April 27, 2021 at 7:00 p.m. online via Zoom.
- II. ROLL CALL.** President Leap, Vice President Morris and Directors Dutra, Holman and Smith were present. Also in attendance were General Manager Johnson, Counsel Bosso and Board Secretary Coombes.
- III. PLEDGE OF ALLEGIANCE.** President Leap led the pledge of allegiance.
- IV. STATEMENTS OF DISQUALIFICATION.** There were no disqualification statements.
- V. ADDITIONS AND DELETIONS.** There were no additions to, or deletions from, the Agenda.
- VI. MINUTES.** The minutes of the March 23, 2021 Board Meeting were presented for review and approval. Director Holman moved for approval of the minutes seconded by Vice President Morris. Minutes were approved by roll-call vote by those Directors present.
- VII. REPORT FROM MARCH 23, 2021 MEETING CLOSED SESSION.** The GM was evaluated and no reportable action was taken.
- VIII. ORAL COMMUNICATION.** There were no public comments.
- IX. REPORTS/PRESENTATIONS**

- A. Director's Report(s).** Vice President Morris reported that she and Director Smith and GM Johnson met as the Ad Hoc Budget Committee earlier this month to review the Capital Budget to be presented later in this meeting.
- B. Attorney's Report.** Counsel Bosso reported he had reviewed AB339 which is still in Committee and could amend the Brown Act. Essentially, should the Bill pass, every Board Meeting in the future will need to be a hybrid meeting, meaning that even if the Board meeting in person, the ability for the public to access the meeting online will need to be detailed and enabled, including being able to address the board live and in their own language, however, the member of the public would need to contact the District in advance to request a translator and the District is obliged to provide a certified translator in that language. ACWA JPIA have expressed their opposition.

C. Manager's Report

OPERATIONS

Production & Well Levels

GM Johnson reported total production in March 2021 was 6,576,186 gallons, with a daily average of 212,135 gallons per day. The stacked graph demonstrates that the amount of water pumped for March 2021 was higher than March 2020.

There were 967 meters now connected since Mr. Bravo on Cole Road and now 320 Aromas Road (formerly 245-A Marcus Street) have connected. All water testing continues to be both filed on time and represent satisfactory results.

Reporting on well levels; Carpentaria Well and San Juan Well are both down two feet, and observational well levels Marshall Well is the same as last month; and Aimee Meadows Well is down four feet.

MAINTENANCE

Chlorine chemical pump maintenance and analyzer maintenance was performed at all wells. There was a specific issue with a chlorine pump at San Juan Well. This pump has been problematic for the last month or so and finally expired, so a temporary fix was put in place whilst the pump was successfully rebuilt and reinstalled.

Director Dutra enquired about regular inspections on the fixed generator at Carpentaria; GM Johnson reassured him that it is regularly checked and maintained by our Operations staff, plus inspections every three years by the MBUAPCD.

INCIDENTS

On April 12, 2021, Operations Staff noticed the seal on a fire hydrant had been broken and water taken. It turns out, it was a construction company doing work near Rancho Larios; they were encouraged to visit the office to make payment, which they did. The District Operations Staff are very diligent for such activity.

ADMINISTRATIVE

Staff & Board Recognition

CSR Bowman, WUSp Giron and GM Johnson continue to refine the effectiveness of the billing process during the time that the office is closed to the public. Currently, the focus is on the establishment of new customers going through the annexation process.

ASO Coombes completed the annual Water Quality Report (CCR) and it is with GM Johnson for a final review before mass printing. Work continues on the annual DRINC report.

WUSp Girõn continues to review and refine Operational processes in assessing forms that were used, for a short time in the past, to see if they are viable for current use.

GM Johnson and CO DeAlba took the Risk Management Inspector for SDRMA on a tour of the District's facilities on March 24, 2021. The Inspector was very impressed with the District and all the facilities. Only one minor issue was identified at the Marshall site that will quickly be resolved.

The Identity Theft Prevention Program was reviewed and no changes were identified for this year. As the office opens up this coming year, there will be more chances to provide a closer review.

Conservation & Rainfall

Since the beginning of the new rainfall year on October 1, 2020, and up to April 20, 2021 there has been a total of 9.82" so far, with none falling in April, although there was a little rain this past weekend. This is an exceptionally dry year compared to 16.72" that fell last year.

Projects

Response to COVID-19 Virus

GM Johnson continues to monitor and implement appropriate actions based on the ever-changing situation. In preparation for opening the office, plexiglass screens have been ordered for the two front desks and some furniture rearranging is planned.

Technology Upgrade - SCADA

GM Johnson reported that many components have been installed. The variable frequency drive at the San Juan Well requires an adjustment from the electrician which should be happening mid-May, which will be the final part of the XiO installation.

Orchard Hill Road Proposed Annexation

GM Johnson has recently been in contact with the Mr. Bennet and the former City Manager of San Juan Bautista. A conference call will occur later this week to discuss the progress and future process for all parties, including an initial feasibility study.

Cole Road Outreach for Annexation

GM Johnson updated progress on reaching out to the remaining residents on Cole Road to assess interest in annexation with a view to connection to the District water system. A questionnaire and letter was developed and on April 23, 2021 sent to owners of the parcels that flank the main line and are not already in process, annexed or connected.

Correspondence: GM Johnson pointed out the payment of the claim for the damaged fire hydrant back in December 2020. Director Dutra asked about the Rocks Road Bridge letter and GM Johnson explained that the District has meters and air relief valves in the vicinity which may need to be relocated.

X. CONSENT CALENDAR

A. Consider adopting Resolution #2021-03, Declaring May as Water Awareness month

A motion was made by Director Dutra to adopt Resolution 2021-03 Declaring May as Water Awareness month as presented, seconded by Director Smith. The Resolution 2102-03 was unanimously adopted by roll-call vote with all Directors present.

XI ACTION ITEMS

A. Consider receiving a report regarding the possible annexation of one parcel located on Cole Road, possibly adopting Resolution #2021-04, initiating the annexation process

GM Johnson presented the annexation of one parcel, for Mr. Scholz on the east side of Cole Road, for health and safety reasons as their well is producing increasingly limited quantities of water.

A motion was made by Director Holman to adopt Resolution 2021-04 to Annex APN 011-220-022 as presented, seconded by Vice President Morris. The Resolution 2102-04 was unanimously adopted by roll-call vote with all Directors present.

B. Consider adopting the Proposed Capital Budget for \$431,240 for Fiscal Year 2021-2022

The Capital Budget was reviewed and revised by the Ad-Hoc Budget Committee for presentation to the Board.

A number of details were discussed, however, after Board discussion regarding the towable generator, the Operations shop and the establishment of a new water source, the Board directed GM Johnson to rework the Capital Budget and present a revised version at the May 25, 2021 meeting; the item was tabled until then.

C. Financial Reports for the Month of March 2021

On the Balance Sheet, Total Assets / Liabilities & Equity are \$10,945,350.42, of which Total Current Assets are \$4,583,839.58, and Total Fixed Assets are \$6,220,571.84. In Liabilities, the Total Current Liabilities are \$243,808.97 and Long-Term Liabilities are \$4,245,714.89.

In the P&L Report, Water Revenue for March was \$80,169.63. Total Expenditures were \$113,983.62 between March 17 through April 19, 2021.

Director Holman moved to approve the Financial Reports as presented; seconded by Vice President Morris. The Financial Reports were unanimously approved by roll-call vote by all Directors present.

XII. FUTURE MEETINGS & AGENDA ITEMS. The next meeting will be on Tuesday, May 25, 2021.

Topics for the next meeting will include the revised Capital Budget; a potential presentation to the Board by Martin Feeney, Hydrogeologist regarding the feasibility of Marshall Well becoming active; and the proposed Expense Budget.

XIII. ADJOURNMENT. President Leap adjourned the meeting at 8:50pm until Tuesday, May 25, 2021.

Read and approved by: _____
President, Jim Leap

Attest: _____
Board Secretary, Louise Coombes

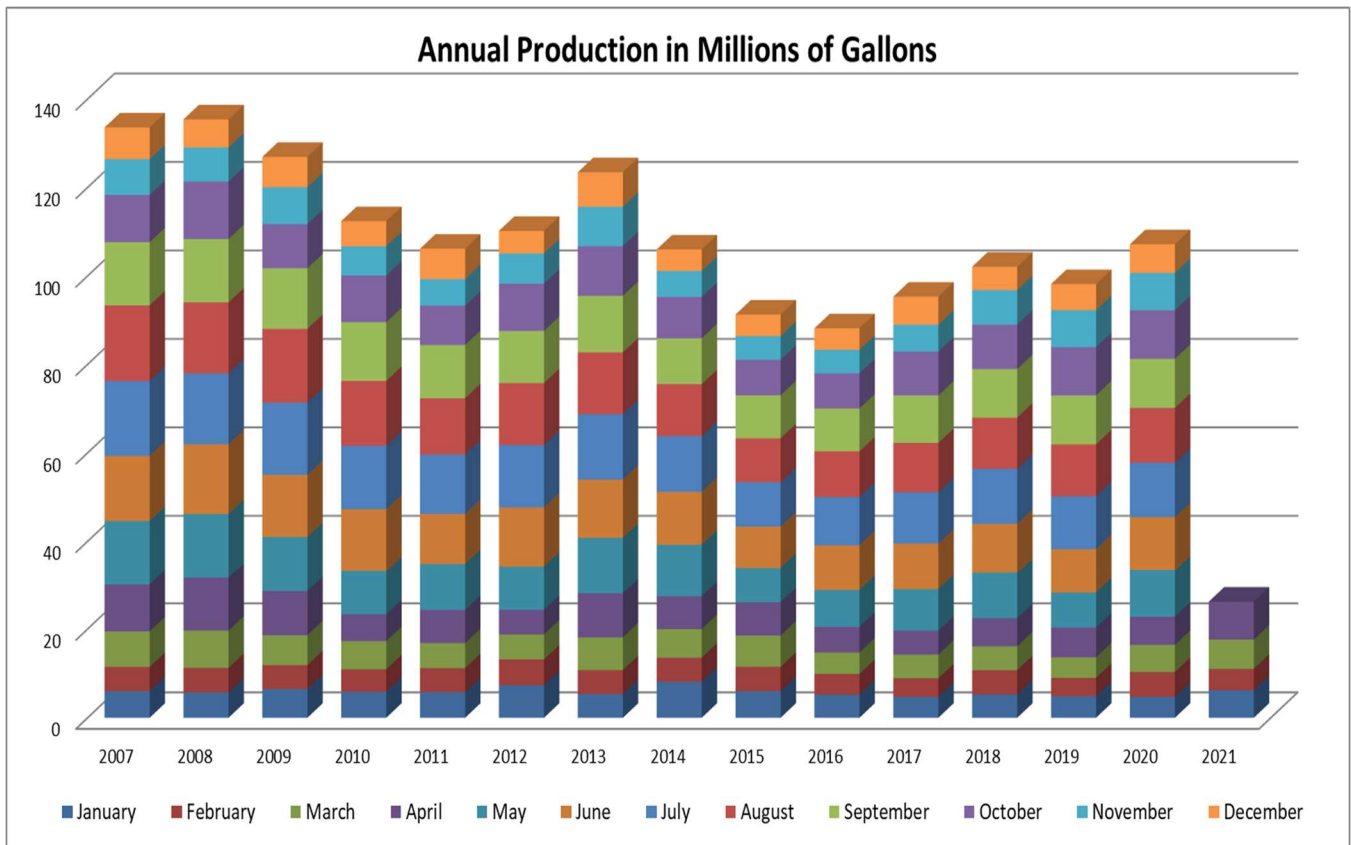
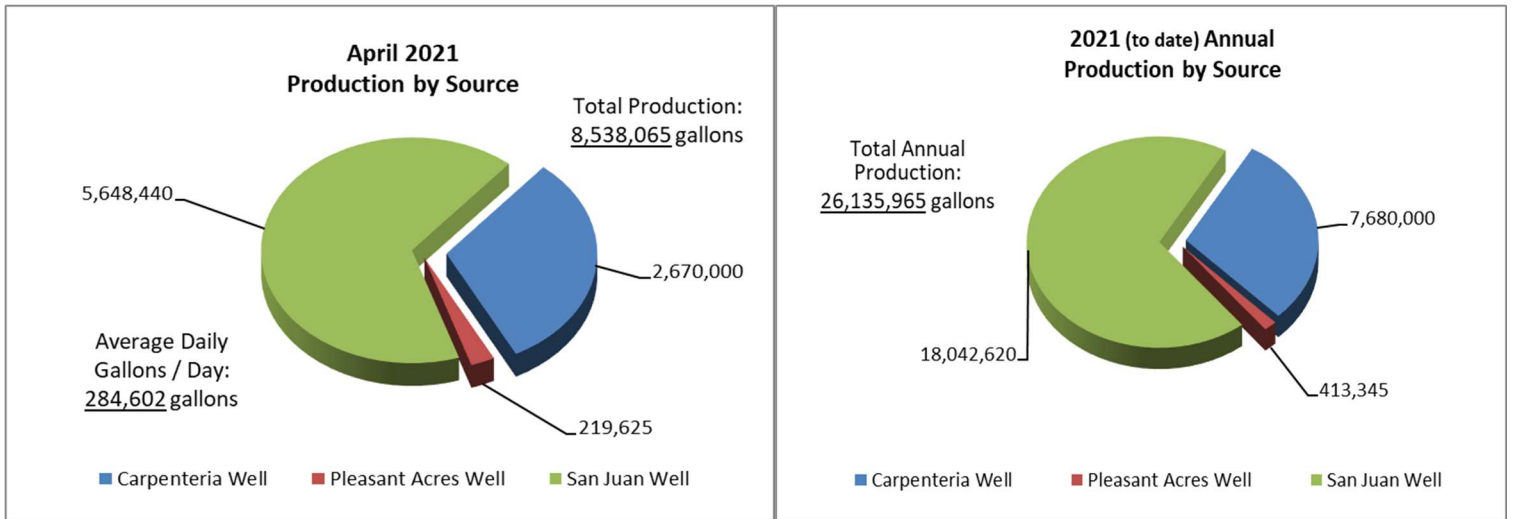
Date: _____

Date: _____

General Manager's Report April 2021



PRODUCTION REPORT



Totals	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Million Gal	112.37	106.15	110.17	123.42	105.97	91.27	88.152	95.304	102.07	98.141	107.1	26.14
Acre Ft	344.8	325.7	338.05	378.7	325.16	280.05	270.49	292.43	313.18	301.13	328.8	80.21

OPERATIONS AND MAINTENANCE REPORT

OPERATIONS:

- There are 967 total meters installed
- San Juan well operated the entire month, while Carpenteria well was idle just one day, and Pleasant Acres well was utilized six days this month.
- Water Treatment Plant: finished water was free of both iron and manganese this month.
- Distribution testing for total Coliform; all samples negative.
- All monthly DWR reports on Coliform, and Fe / Mn were filed on time.
- WTP filters are being backwashed when necessary.
- Monthly Generator in-house 15-minute testing under load.
- Monthly well-level monitoring (see attached chart).

MAINTENANCE:

- Preventative maintenance and flushing were performed, as needed.
- Chlorine chemical pump maintenance and analyzer maintenance at all wells was performed.
- Additional maintenance tasks are being performed as time allows.

INCIDENTS:

- On May 10, 2021, at 10:30am, a leak was noticed on Carr Avenue. The main leak was on the customer's side of the meter. Turns out, the District's shut-off had been sheared off, so there was no way to stop the flow on-site. After a great deal of work from Operator Smith in the field and CSR Bowman in the office, the leak was contained, and the water restored to customers by 5:00pm.

ADMINISTRATIVE REPORT

STAFF & BOARD RECOGNITION:

- CSR Bowman, WUSp Girõn and GM Johnson are working through the various office processes to increase effectiveness. This is the opportune time to refine our processes since the office is still closed to the public for COVID-19 related issues.
- ASO Coombes has completed work on the Consumer Confidence Report (CCR). The review proof will be ready soon. This year, the SWRCB allowed email distribution of the CCR, so we are printing about half of the normal amount, so there will be a reduction in production-related costs.
- ASO Coombes also worked on the DRINC report that was submitted in mid-May. This year, several sections were altered or added, increasing the effort needed to complete this report.
- ASO Coombes completed the application for the triennial Transparency Award. Thanks to all the Board members who provided the necessary information to complete this important task.
- WUSp Girõn continues to work through the Operations processes to see where we can find opportunities for increasing efficiency, which in the long run, will lead to increasing effectiveness.
- Operator Smith is working on all the maintenance tasks since CO DeAlba is out for medical reasons until the second week in June. The District is bringing in some temporary help to support Operator Smith in these efforts.
- GM Johnson has been working with various consultants and stakeholders to move a series of projects forward in a timely manner.

CONSERVATION UPDATE:

April 2020 usage figures are showing an increase in water use, which is expected with the weather getting warmer. Even with the large rain event that occurred at the end of January, it ended up being a dry winter. Something to note, as of this writing, the Governor has called a drought emergency in 41 of the 58 California counties; interestingly, San Benito County is one of the 41, while Monterey County is not.

October 1, 2020 marked the start of a new water year. As of the date of this report (May 17), the rain gauge at Chittenden Pass has recorded 9.44 inches of precipitation this water year, with 0.00 inches having fallen in April. The 2019-2020 water year ended with the rainfall at Chittenden at 16.72 inches.

PROJECTS:

1. Response to COVID-19 virus

Staff has been working to stay current on the ever-changing COVID-19 (coronavirus) situation. A variety of strategies to maintain high-quality water delivery to our customers and keep staff safe from exposure have been utilized over the past year. Recently, staff began discussing how to move forward once the opening-up process begins, including the changes to the front office discussed about a year ago.

2. Technology upgrade – SCADA (delayed due to COVID-19 pandemic)

Phase 4 of the XiO (SCADA) implementation continues to move forward. Currently, Oakridge Boosters, Carpenteria Well, Rea Tank, and Rea Booster components have been installed and tested. Staff is working with XiO to add additional functionality for the San Juan well. This should be installed by the end of May.

3. Orchard Hill Road proposed annexation progress

GM Johnson met with two Orchard Hill group representatives. There has been a commitment to fund the Scoping Evaluation/Feasibility Study for the project, so MNS has been tasked with that effort. Upon completion, this report will be shared and could result in a public meeting for those folks who are interested to discuss the matter to see if it will move forward.

4. Progress on the Cole Road Outreach Project

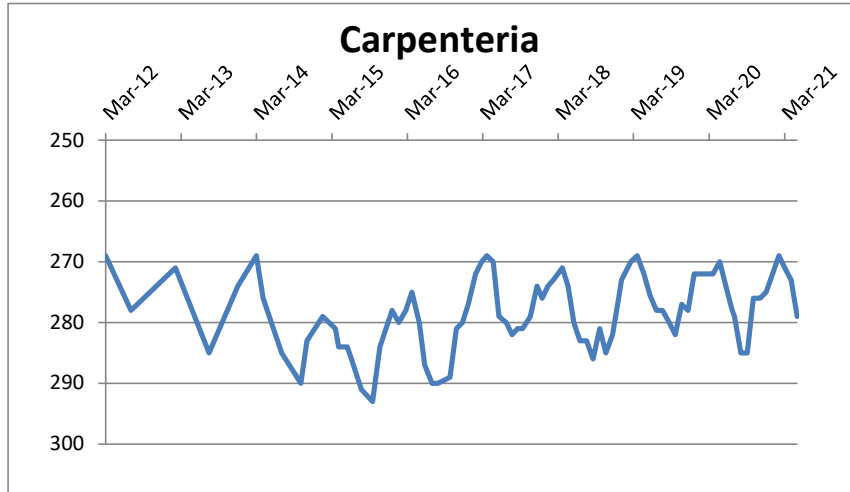
Staff sent outreach material to the folks along Cole Road that are not currently annexed into the District. Twenty-six questionnaires were sent out and the deadline for receiving them has been set as May 18. At the Board meeting, provisional summary numbers will be presented during this report, and based on the information, the Board can choose to agendaize this item for further discussion at a later Board meeting.

Robert Johnson
General Manager
May 17, 2021

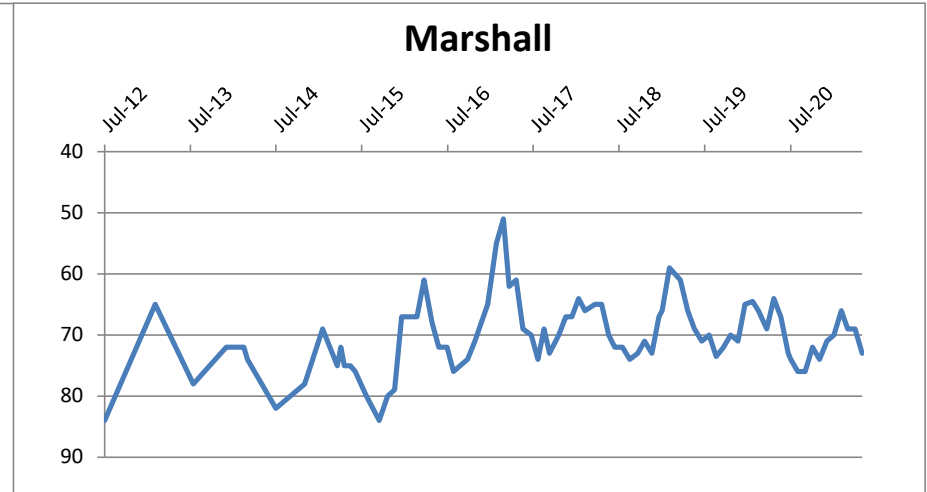
Well Water Level Monitoring

Depth to Water Measurements

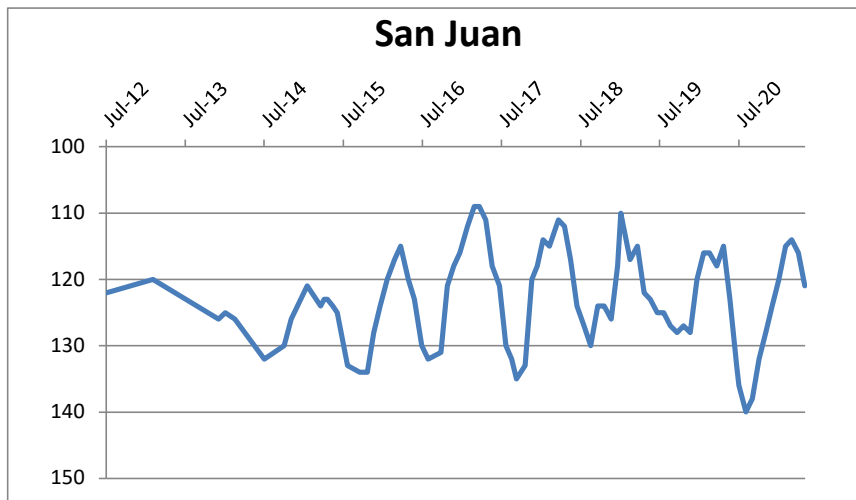
Date: May 14, 2021



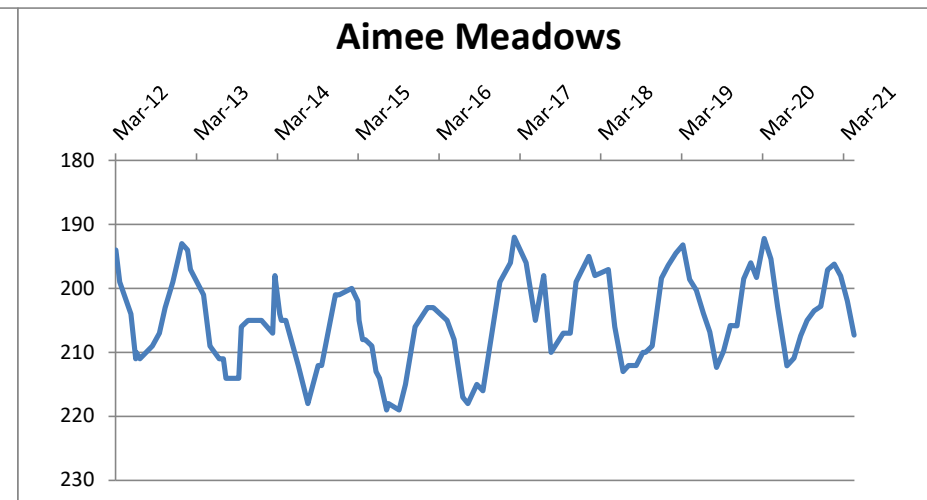
Carpenteria Well (production): Previous Read = 273 feet; Current Read = 279 feet



Marshall Well (monitoring): Previous Read = 69 feet; Current Read = 73 feet



San Juan Well (production): Previous Read = 116 feet; Current Read = 121 feet



Aimee Meadows (monitoring): Previous Read = 202 feet; Current Read = 207 feet

CORRESPONDENCE LIST: 4/21/2021 – 5/19/2021

DATE	TYPE	TO	FROM	SUBJECT
4/23/21	E	R Johnson, AWD	S.A.M.gov	Registration [re]Activation for AWD
4/23/21	E	R Johnson, AWD	R Bennett, Orchard Hill	Additional Request for Water [& Response]
4/26/21	E	E Giron, AWD	I Kranjcec, SmartProcure	Public Records Request [& Response]
4/27/21	E	R Johnson, AWD	R Ely, Willis Construction	[Gate] Lock
4/28/21	E	E Giron, AWD	I Kranjcec, SmartProcure	Confirmation of Public Records Request Fulfilled
4/28/21	E	M Feeney, Hydrogeologist	R Johnson, AWD	Checking in, and...[Request to attend Board Mtg]
5/2/21	E	R Johnson, AWD	R & J Meyers, Cole Road	Outreach Water Supply Questionnaire [Cole Rd]
5/3/21	E	R & J Meyers, Cole Road	R Johnson, AWD	Outreach Water Supply Questionnaire [Cole Rd]
5/4/21	E	R Johnson, AWD	R & J Meyers, Cole Road	Outreach Water Supply Questionnaire [Cole Rd]
5/6/21	E	R & J Meyers, Cole Road	R Johnson, AWD	Outreach Water Supply Questionnaire [Cole Rd]
5/6/21	M	R Johnson, AWD	R & J Meyers, Cole Road	Outreach Water Supply Questionnaire [Cole Rd]
5/7/21	E	SWRCB	R Johnson, AWD	Monthly Fe & Mn Field Test Results
5/7/21	E	SWRCB	R Johnson, AWD	Monthly Summary of Coliform Monitoring
5/11/21	E	AWD Board	R Johnson, AWD	Leak on Carr Avenue
5/13/21	E	B Hummel, CSDA SDLF	L Coombes, AWD	Submission of Application for the Triennial Transparency Award
April	Q	R Johnson, AWD	Mr. M Zavala Mr. C. Lim	Returned Questionnaire for Cole Road Outreach Project
May	Q	R Johnson, AWD	Mr. C Lim Mr. & Mrs. Meyers Mr. Morrison & Ms. Lee Mr. P Allen Ms. L Gammons Mr. & Mrs. Stottrup Ms. M Testaguzza Mr. Rehn	Returned Questionnaire for Cole Road Outreach Project [Sample Blank Questionnaire Included]



RESOLUTION 2021-05

Oak Ridge/Via Del Sol Project Assessment District 2013-1

RESOLUTION CERTIFYING COMPLIANCE WITH STATE LAW WITH RESPECT TO THE LEVYING OF GENERAL AND SPECIAL TAXES, ASSESSMENTS AND PROPERTY RELATED FEES AND CHARGES

WHEREAS, the Aromas Water District (“Public Agency”) requests that the Monterey County Auditor-Controller enter those general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A” on the tax roll for collection and distribution by the Monterey County Treasurer-Tax Collector commencing with the property tax bills for fiscal year 2021-22.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Public Agency hereby certifies that it has, without limitation complied with all legal procedures and requirements necessary for the levying and imposition of the general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A”, regardless of whether those procedures and requirements are set forth in the Constitution of the State of California, in State statutes, or in the applicable decisional law of the State of California.
2. The Public Agency further certifies that, except for the sole negligence or misconduct of the County of Monterey, its officers, employees, and agents, with regards to the handling of the CD or electronic file identified as Exhibit “A”, the Public Agency shall be solely liable and responsible for defending, at its sole expense, cost, and risk, each and every action, suit, or other proceeding brought against the County of Monterey, its officers, employees, and agents for every claim, demand, or challenge to the levying or imposition of the general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A” and that it shall pay or satisfy any judgment rendered against the County of Monterey, its officers, employees, and agents on every such action, suit, or other proceeding, including all claims for refunds and interest thereon, legal fees and court costs, and administrative expenses of the County of Monterey to correct the tax rolls.

PASSED AND ADOPTED this 25th day of **May, 2021**, upon motion of **Director** _____ seconded by **Director** _____ and carried by the following vote, to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

Attest Board President: _____

District Secretary _____ **Date: May 25, 2021**

EXHIBIT “A”

TO

**RESOLUTION CERTIFYING COMPLIANCE WITH STATE LAW WITH RESPECT TO
THE LEVYING OF GENERAL AND SPECIAL TAXES, ASSESSMENTS AND
PROPERTY RELATED FEES AND CHARGES**

FISCAL YEAR 2021-22

GENERAL TAXES:

SPECIAL TAXES:

ASSESSMENTS: **\$153,509.52**

PROPERTY-RELATED FEES AND CHARGES:

**AROMAS WATER DISTRICT
ASSESSMENT DISTRICT NO. 2013-1
FISCAL YEAR 2021/22 PRELIMINARY BILLING**

Assessor's Parcel No.	Mailing Address	City/ State / ZIP	Original Principal	Unbilled Principal	FY 21/22 Preliminary Billing Amount
127-171-010-000	1155 VIA DEL SOL	SALINAS, CA 93907	\$61,669.00	\$56,266.24	\$3,553.08
127-171-011-000	1149 VIA DEL SOL	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
127-171-012-000	1147 VIA DEL SOL RD	SALINAS, CA 93907	14,835.00	13,535.33	866.86
127-171-014-000	PO BOX 1669	REDWAY, CA 95560	61,669.00	56,266.24	3,553.08
127-171-028-000	PO BOX 641984	SAN JOSE, CA 95164	14,835.00	13,535.33	866.86
127-171-029-000	1143 VIA DEL SOL RD	SALINAS, CA 93907	14,835.00	13,535.33	866.86
127-171-030-000	417 4TH ST	ALLEN, OK 74825	14,835.00	13,535.33	866.86
127-172-001-000	1146 VIA DEL SOL RD	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
127-181-003-000	21 LA ENCINA DR	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
127-191-010-000	1184 VIA DEL SOL RD	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
127-191-011-000	1184 VIA DEL SOL RD	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
127-191-013-000	1178 VIA DEL SOL RD	SALINAS, CA 93907	14,835.00	13,535.33	866.86
127-191-018-000	1172 VIA DEL SOL RD	SALINAS, CA 93907	14,835.00	13,535.33	866.86
127-191-019-000	1174 VIA DEL SOL RD	SALINAS, CA 93907	61,669.00	56,266.24	3,563.58
127-191-022-000	5900 VIA DEL SOL RD	SALINAS, CA 93906	61,669.00	56,266.24	3,553.08
127-191-024-000	8305 PRUNEDALE NORTH RD	PRUNEDALE, CA 93907	14,835.00	13,535.33	866.86
141-011-005-000	170 DUNBARTON RD	AROMAS, CA 95004	61,669.00	56,266.24	3,563.58
141-011-007-000	164 DUNBARTON RD	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-011-008-000	575 SOUTHSIDE DR	GILROY, CA 95020	61,669.00	56,266.24	3,553.08
141-011-011-000	575 SOUTHSIDE DR	GILROY, CA 95020	61,669.00	56,266.24	3,553.08
141-011-012-000	148 DUNBARTON RD	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-011-013-000	148 B DUNBARTON RD	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-003-000	5752 COUNTRY CLUB PKWY	SAN JOSE, CA 95138	61,669.00	56,266.24	3,553.08
141-071-013-000	19324 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-014-000	19312 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-015-000	19306 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,563.58
141-071-016-000	14625 CHARTER OAK BLVD	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
141-071-017-000	19384 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-018-000	19392 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-019-000	19388 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-022-000	19356 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08

**AROMAS WATER DISTRICT
ASSESSMENT DISTRICT NO. 2013-1
FISCAL YEAR 2021/22 PRELIMINARY BILLING**

Assessor's Parcel No.	Mailing Address	City/ State / ZIP	Original Principal	Unbilled Principal	FY 21/22 Preliminary Billing Amount
141-071-025-000	PO BOX 476	LOS GATOS, CA 95031	61,669.00	56,266.24	3,553.08
141-071-026-000	460 CRESS RD	SANTA CRUZ, CA 95060	61,669.00	56,266.24	3,553.08
141-071-027-000	19366 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-028-000	6882 GOLDPINE CT	SAN JOSE, CA 95120	61,669.00	56,266.24	3,553.08
141-071-029-000	7468 LEAFWOOD DR	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
141-071-033-000	19346 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-034-000	19329 OAK RIDGE DR	AROMAS, CA 95004	14,835.00	13,535.33	866.86
141-071-035-000	PO BOX 1202	SANTA CRUZ, CA 95061	61,669.00	56,266.24	3,553.08
141-071-038-000	19338 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-039-000	19340 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-071-041-000	19332 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-081-004-000	19260 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-081-007-000	19260 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-081-009-000	19290 OAKRIDGE DR	AROMAS, CA 95004	14,835.00	13,535.33	866.86
141-081-010-000	19294 OAK RIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
141-081-011-000	57 CRAZY HORSE CANYON RD	SALINAS, CA 93907	61,669.00	56,266.24	3,553.08
141-081-012-000	8 DOVELA PL	SANTA FE, NM 87508	61,669.00	56,266.24	3,553.08
141-081-013-000	774 MAYS BLVD	INCLINE VILLAGE, NV 89451	61,669.00	56,266.24	3,553.08
141-081-014-000	19240 OAKRIDGE DR	AROMAS, CA 95004	61,669.00	56,266.24	3,553.08
50 Accounts			\$2,661,944.00	\$2,428,733.81	\$153,509.52



RESOLUTION 2021-06

Orchard Acres Assessment District

RESOLUTION CERTIFYING COMPLIANCE WITH STATE LAW WITH RESPECT TO THE LEVYING OF GENERAL AND SPECIAL TAXES, ASSESSMENTS AND PROPERTY RELATED FEES AND CHARGES

WHEREAS, the Aromas Water District (“Public Agency”) requests that the San Benito County Auditor-Controller enter those general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A” on the tax roll for collection and distribution by the San Benito County Treasurer-Tax Collector commencing with the property tax bills for fiscal year 2021-22.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Public Agency hereby certifies that it has, without limitation complied with all legal procedures and requirements necessary for the levying and imposition of the general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A”, regardless of whether those procedures and requirements are set forth in the Constitution of the State of California, in State statutes, or in the applicable decisional law of the State of California.
2. The Public Agency further certifies that, except for the sole negligence or misconduct of the County of San Benito, its officers, employees, and agents, with regards to the handling of the CD or electronic file identified as Exhibit “A”, the Public Agency shall be solely liable and responsible for defending, at its sole expense, cost, and risk, each and every action, suit, or other proceeding brought against the County of San Benito, its officers, employees, and agents for every claim, demand, or challenge to the levying or imposition of the general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A” and that it shall pay or satisfy any judgment rendered against the County of San Benito, its officers, employees, and agents on every such action, suit, or other proceeding, including all claims for refunds and interest thereon, legal fees and court costs, and administrative expenses of the County of San Benito to correct the tax rolls.

PASSED AND ADOPTED this 25th day of **May, 2021**, upon motion of **Director** _____ seconded by **Director** _____ and carried by the following vote, to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

Attest Board President: _____

District Secretary _____ **Date: May 25, 2021**

EXHIBIT “A”

TO

**RESOLUTION CERTIFYING COMPLIANCE WITH STATE LAW WITH
RESPECT TO THE LEVYING OF GENERAL AND SPECIAL TAXES,
ASSESSMENTS AND PROPERTY RELATED FEES AND CHARGES**

FISCAL YEAR 2021-22

GENERAL TAXES:

SPECIAL TAXES:

ASSESSMENTS: \$38,800

PROPERTY-RELATED FEES AND CHARGES:

AROMAS WATER DISTRICT
ORCHARD ACRES ASSESSMENT DISTRICT

AUDITOR RECORDS
ANNUAL TAX ROLL ASSESSMENT
FISCAL YEAR 2021-2022

Assmt Number	APN	Individual Assessment	Principal	Percentage	Individual Principal Amount	Total Annual Interest Due	Individual Interest Due	Total Principal and Interest	Administration Charge	TOTAL ANNUAL ASSESSMENT LEVY
1	011-230-006	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
2	011-230-007	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
3	011-230-042	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
4	011-230-043	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
7	011-290-073	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
8	011-290-074	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
10	011-290-076	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
11	011-300-014	\$62,272	\$15,000	0.12500	\$1,875	\$22,950	\$2,869	\$4,744	\$107	\$4,850
		<u>\$498,176</u>								

\$38,800

Staff Report



To: Board of Directors

Re: Item X.A – Review Marshall Well Technical Memorandum dated July 2016,
and provide direction to Staff

Date: May 18, 2021

Summary / Discussion

The Aromas Water District (District) has been looking to increase its water supply options and improve its system capabilities for many years. One option acted upon was to research an existing well site, the Marshall Well. In July 2016, Mr. Martin Feeney, PG, CEG, CHg, performed an analysis that produced a Technical Memorandum (TM) assessing the condition of the well, providing a high-level estimate of the costs related to treating the water for domestic water use, and evaluating potential strategies to repurpose the site for a new well. The original TM from 2016 is attached to this report.

At the April 2021 Board Meeting, the District Board of Directors (BOD) asked that Mr. Feeney provide updated information related to this report that would assist the BOD in assessing whether to use the Marshall well site as a new water supply source, or otherwise direct staff to seek out another well site option. Subsequently, Mr. Feeney has reviewed the TM and has indicated that the report is still in good standing; so, he has offered to be available during the BOD meeting to answer any questions from the BOD regarding the TM and the well itself.

The report was produced about five years ago, so staff is attaching it to this report for the BOD's review before the meeting. This way, everyone will have the same foundational knowledge upon which questions can be asked and progress moving forward can be made.

Staff will develop a short PowerPoint slideshow to provide some basic information from the report as a primer for the questions and discussion.

Staff Recommendation

Based upon the review and BOD discussion of the Marshall Well TM at the BOD meeting, provide direction to staff as to next steps, if any.

Submitted by:

Robert Johnson
General Manager

TECHNICAL MEMORANDUM

To: Aromas Water District **Date:** July 11, 2016
From: Martin Feeney, PG, CHg
Subject: Aromas Water District – Marshall Well Site Assessment

INTRODUCTION:

This technical memorandum (TM) presents an evaluation of the opportunities that exist for Aromas Water District (District) to utilize the Marshall Well Site as a way of improving the District's overall water supply and redundancy. Specifically, the TM focuses on an assessment of the physical condition of the existing well at the site and confirmation of its water quality. The TM also presents a "reconnaissance-level" estimate of the cost to treat water from the existing well for use as water supply. Finally, the TM evaluates the potential to repurpose the well site as a site for a new and deeper well that may have increased yield and improved water quality.

The scope of work for the evaluation included:

- Video survey of the well
- Installation of a test pump
- Performance of a pumping test and collection of water samples
- Evaluate water quality/assess treatability and costs
- Evaluate hydrogeologic conditions as to potential for deeper well
- Preparation of this tm documenting findings and presenting conclusion and recommendation as to the future use of the well and the well site

BACKGROUND:

The Marshall well is located in the community of Aromas at the eastern end of Marshall Lane. The well was reportedly drilled in 1954 to a depth of 237 feet and is 12-inches in diameter perforated from 219 to 224 feet. Available well performance data documents the well discharge rate at one time to be as much as 200 gpm with a specific capacity¹ of about 8 gpm/ft. The depth to water at the site in the 1970s/1980s ranged between approximately 50 feet and 70 feet below ground surface. Based on available data and interpretation of relevant hydrogeologic references, the well is perforated in the upper portion of the Purisima Formation. There is no documentation as to whether there is a sanitary seal.

Historical water quality data available for the well documents poor water quality from the Marshall Well, with exceedences of drinking water quality standards for total dissolved solids (TDS), iron, and manganese. Additionally, previous reports document the presence of hydrogen sulfide in water produced from the well. The conclusion of a previous water treatment feasibility report from 1983 stated that the water was difficult and expensive to treat, primarily because of the elevated total dissolved solids (TDS) and hardness. Because of the poor water quality, the well has not been used in decades. The existing pump installed in the well is inoperable.

¹ Specific Capacity is the ratio of discharge to drawdown. The conventional units are gallons per minute to feet of drawdown (gpm/foot). Specific capacity is useful to compare well performance between wells and individual well performance over time.

WELL ASSESSMENT - WORK PERFORMED

Video Inspection – After removal of the pump from the well by the District, the well was video surveyed to assess the well’s condition and confirm the reported construction details. Video survey was performed on January 12, 2016 by Newman Well Surveys, Inc. of Salinas California. Prior to video survey, water was introduced into the well to improve clarity. The video was successfully completed to a depth of 221 feet, below ground surface (bgs). The original construction records state the original well depth as 237 feet, bgs, suggesting approximately 16 feet of fill. As also reported on the construction records, vertical slot perforations, although barely visible, were confirmed below a depth of 219 feet bgs and bottom. The general condition of the well was poor with significant visible corrosion and encrustation. Observed encrustation was predominately black in color, indicative of elevated manganese concentrations. A summary of the video survey is attached.

Well Testing/Sampling – After completion of the video survey, a 20-HP submersible pump was installed in the well to allow assessment of well performance and the collection of representative water quality samples. The pump was installed to a depth of approximately 200 feet. After installation, the well was pumped for a period of 4.2 hours at an average discharge rate of approximately 60 gallons per minute (gpm). The initial discharge rate was close to 200 gpm, but pumping water level quickly approached the pump and discharge was reduced to approximately 60 gpm through the remainder of the pumping period. At the completion of pumping, a total of approximately 14,700 gallons had been pumped or approximately 18 casing volumes.

Water Quality Sampling – Water quality samples were collected at approximately 10 minutes and 180 minutes after start up and at the conclusion of the pumping period (254 minutes). All samples were taken to Monterey Bay Analytical Laboratory for analysis. The first two samples were analyzed for only iron and manganese ion concentrations, the final sample for a full inorganic Title 22 analysis. Table 1 presents the time-series data. The results of the water quality analysis are presented graphically in Figures 1 and 2. Figure 1 presents the available historical data. Figure 2 presents the recent Title 22 results. The laboratory reports are attached.

Figure 1 - Marshall Well - Historical Water Quality

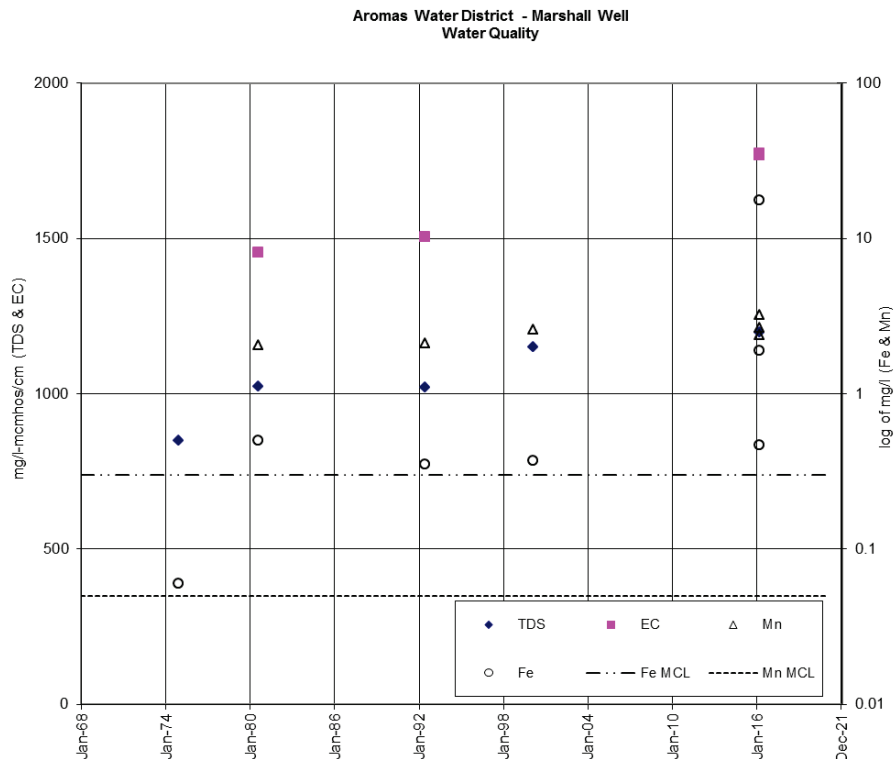
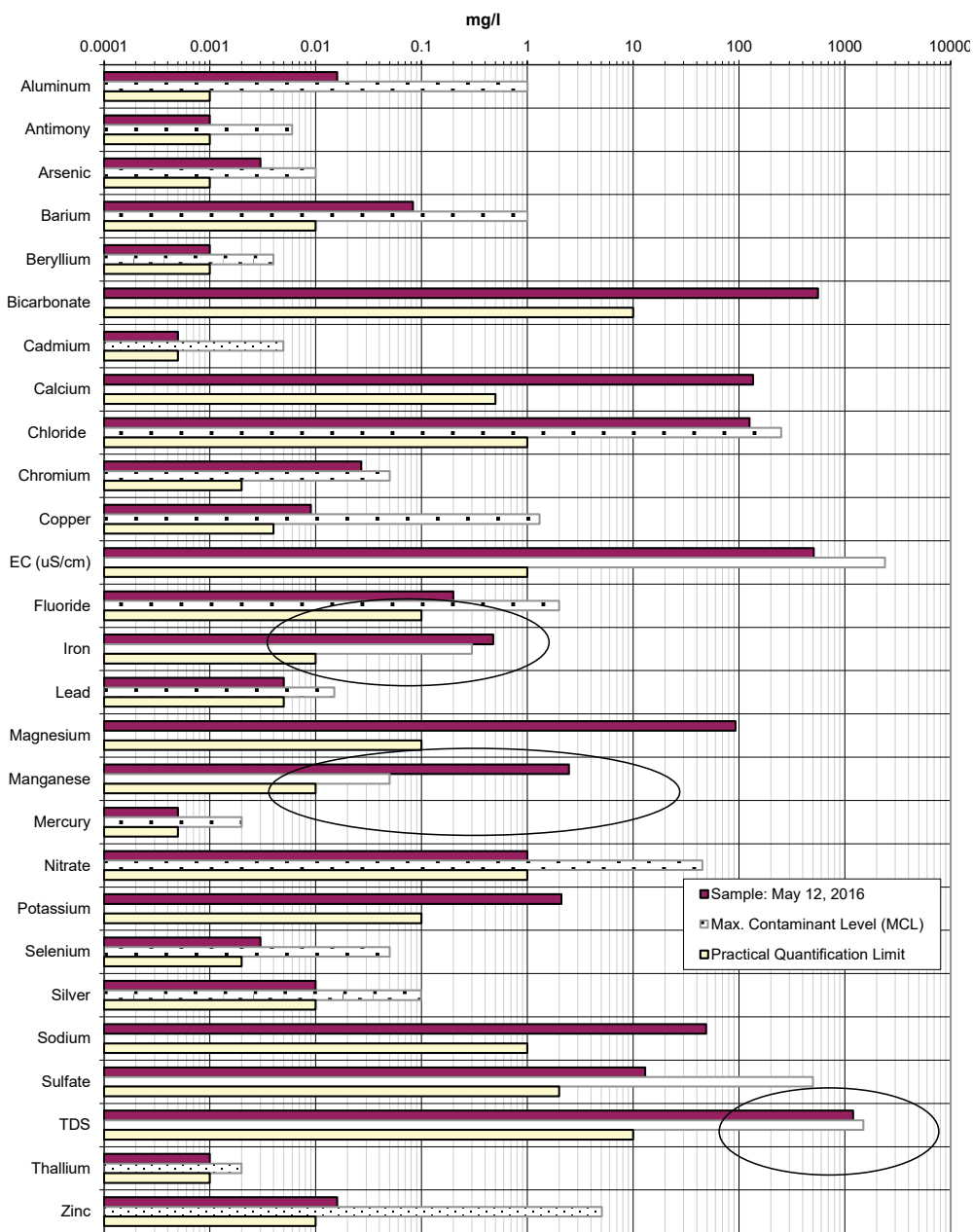


Table 1 - Marshall Well - Time Series Water Quality Data

Sample Time (mins)	Iron (mg/l)	Manganese (mg/l)	Specific Conductance (umhos/cm)
8	17.5	3.2	1773
200	1.9	2.65	1770
254	0.47	2.4	1767

Figure 2 - Marshall Well - Inorganic Water Quality



Stippled MCL = primary standard
Unstippled MCL = secondary (esthetic) standards
Not detected plotted at Practical Quantification Limit, value is likely lower.

Recent water quality data are generally consistent with the historical data. Data are limited, but compared to previous data, total dissolved solids concentrations appear to have slightly increased. Although water from well meets all primary (health-based) drinking water standards for constituents analyzed, the water exceeds secondary (esthetics-based) drinking water standards for total dissolved solids (TDS), iron and manganese.

Consistent with previous data, manganese level remains exceptionally elevated. Iron concentrations declined significantly during the pumping period falling from approximately 17 milligrams per liter (mg/l) to approximately 0.47 mg/l at the completion of pumping. This decline with the duration of pumping is not uncommon in wells with corrosion which have been idle for long periods. Manganese concentrations were relatively insensitive to pumping duration.

TREATMENT

The water produced from the well has always been of poor quality and recent sampling confirms the historical data. To meet drinking water standards and for customer acceptance, the water would need to be treated to reduce TDS, lower hardness, and reduce iron and manganese concentrations.

Given the water quality, achievement of these improvements would likely require installation of a lime softening facility to treat the water. Lime softening would reduce the hardness, TDS and likely reduce both iron and manganese to below the MCLs. Reverse osmosis or electro-dialysis-reversal technologies cannot be used due to the elevated alkalinity and hardness of the water. Based on discussions with several vendors, cost of such a facility would be on the order of \$1M. There would be operational costs associated with disposal of the lime sludge. Design of such a facility would require pilot testing to refine the processes. The cost of a pilot study is estimated at \$100,000.

CONCLUSIONS FROM WELL ASSESSMENT WORK:

- The Marshall Well is more than 60 years old, and has significant corrosion and fill. The construction of the well is undocumented, and although it evidently was previously permitted as a water supply source for the District, it is not likely it would be re-permitted as a new source regardless of water quality.
- Treating the water to meet drinking water standards will be very expensive. In addition, to the capital costs associated with the treatment facilities the existing well would need to be replaced to assure the long term operation of the overall facility. Estimated cost of a well of similar depth and of modern design, inclusive of engineering, above ground appurtenances and controls/power, is \$800,000.

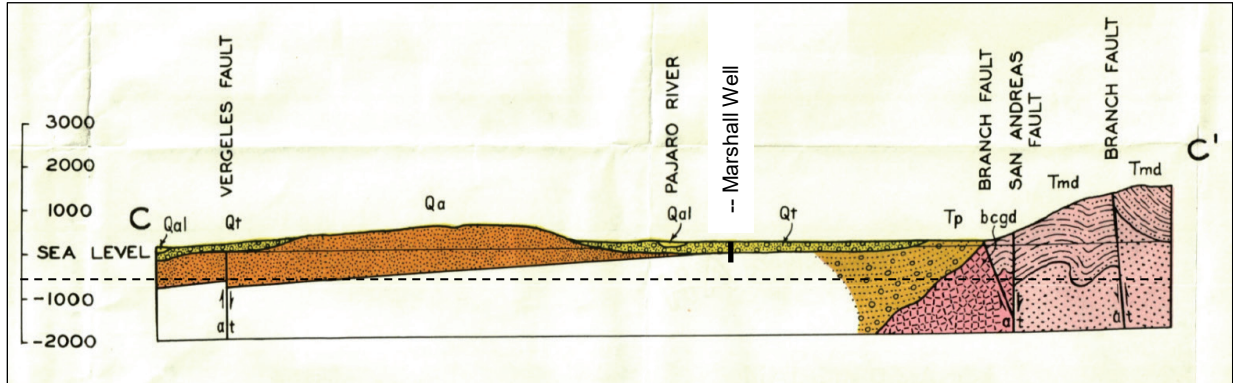
HYDROGEOLOGIC REVIEW:

Hydrogeologic Literature Review – The Aromas area is located in the southeastern portion of the Pajaro Groundwater Basin. The Pajaro Groundwater Basin has been the focus of numerous hydrogeologic investigations. Most useful for purposes of this TM is the work performed by the State of California Water Resources Board (Bulletin 5, 1953) and the more recent work performed by the United States Geological Survey (Survey) in developing the Pajaro Valley Integrated Hydraulic Model (PVIHM). Also useful is the work performed by Luhdorff and Scalimanini (1987)

All of these investigators describe the Aromas area to be underlain by a thick sequence of sedimentary materials. From the surface to depth, these materials include surficial alluvial deposits, underlain by terrace deposits (locally described as Aromas Formation), underlain by the Purisima Formation. The Purisima Formation is a thick sequence of clay/siltstone units interbedded with fine-grained sandstone units. When perforated in the sandstone units the formation can yield significant water to wells. At depth, the Purisima Formation is believed to overlie granitic bedrock.

The work performed by the State in 1953 (Bulletin 5) provides a relevant cross-section which is helpful. The cross-section is presented below as Figure 3 with the Marshall Well added for reference. The cross-section line is shown on Figure 4. This cross-section shows the sequence of materials underlying the site with the Marshall Well extending into the Purisima Formation.

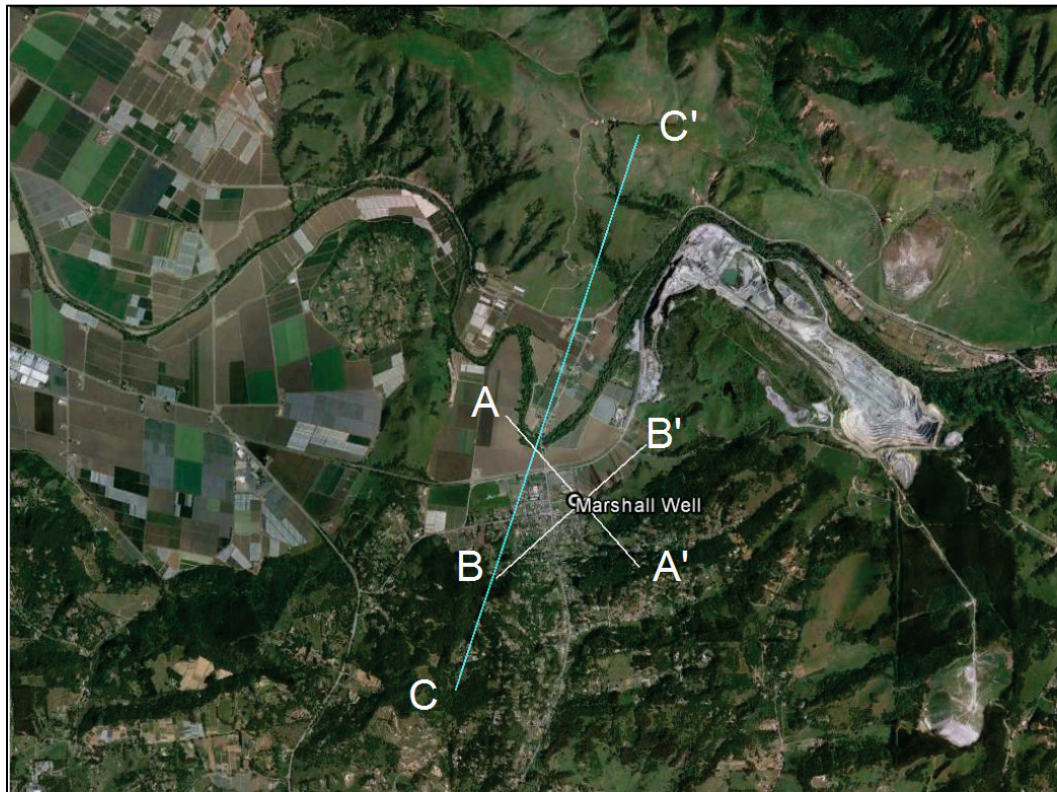
Figure 3 - Cross-Section (from Bulletin 5)

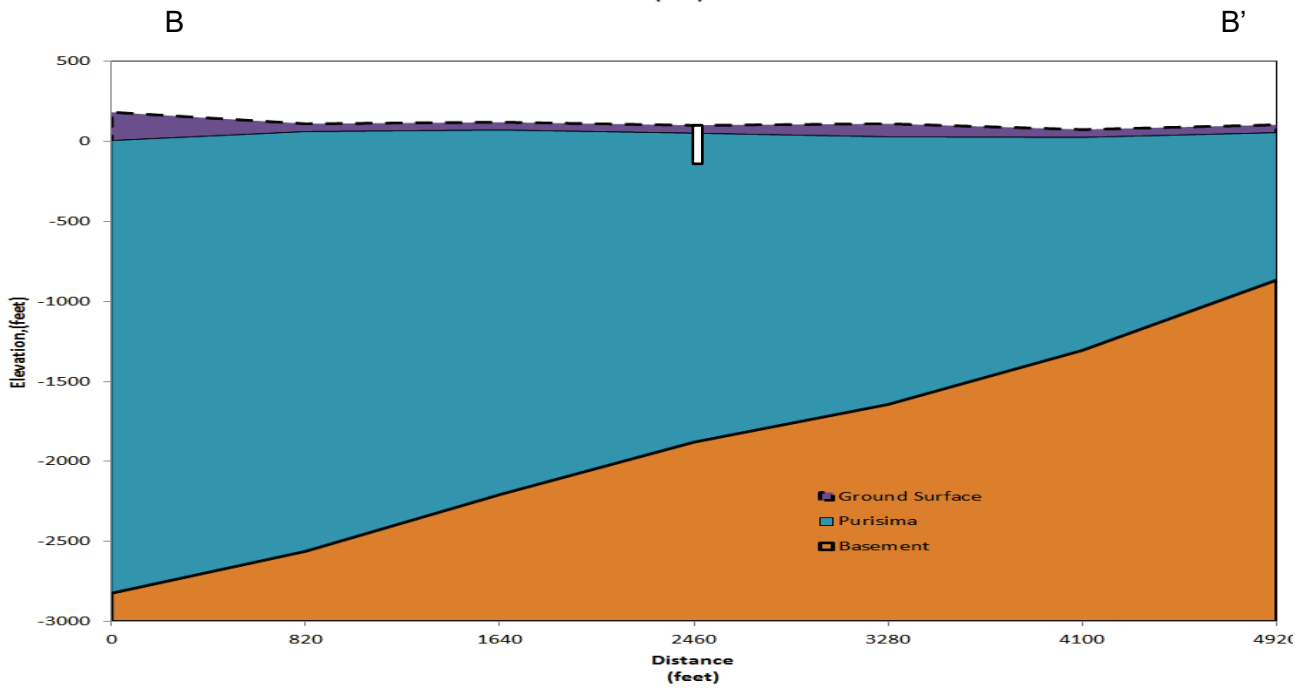
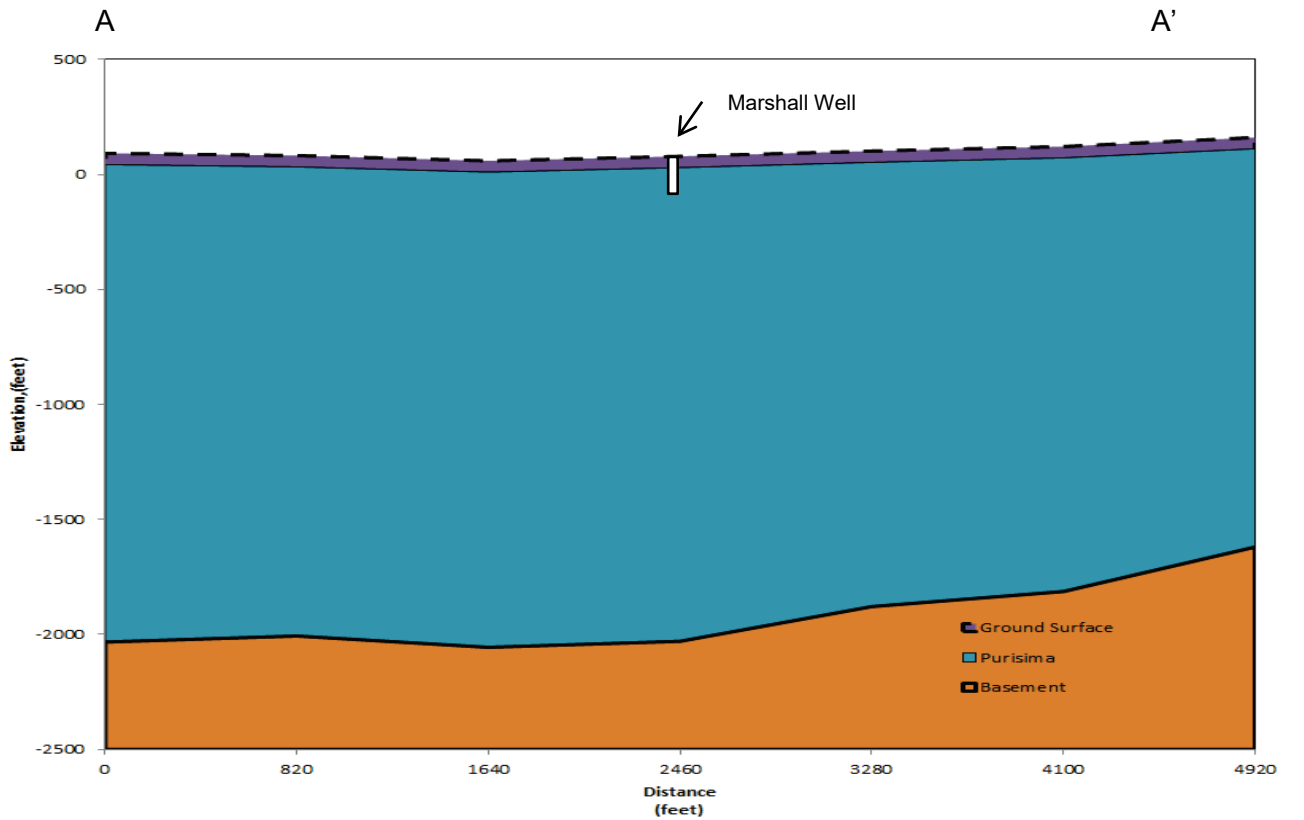


The cross-section shown as Figure 3 does not provide much detail regarding the vertical extent of the Purisima Formation and is of quite a large scale. A more detailed understanding of the site-specific hydrogeology can be derived from the recently developed groundwater model of the Pajaro Groundwater Basin. As part of the development of the model, the 3-D distribution of the various aquifer units was developed. This was accomplished by reviewing all the available well log data, determining the tops and bottoms of each aquifer unit and developing surfaces of the top and bottom of each aquifer unit at every location with the model area. This work was performed by both USGS staff and professional geologists working at the Pajaro Valley Water Management Agency and represents the most detailed understanding of the hydrostratigraphy available.

Data extracted from layering of the groundwater model allows development of more focused cross-sections that trend through the Marshall Well site. These are presented below and the cross-section lines are also shown on Figure 4. Again, the existing Marshall Well has been added for reference.

Figure 4 - Cross-Section Lines





From Pajaro Valley Integrated Hydrologic Model (PVIHM)

Inventory of Proximate Wells- Review of the geologic literature and the cross-sections presented above suggest that below the thin surficial deposits at least 2000 feet of Purisima Formation underlay the subject site. Not all strata within the Purisima Formation are sufficiently productive to merit the development of a municipal well. The Purisima Formation is used as a primary aquifer by the Soquel Creek Water District. In the Pajaro Basin, its use is more limited because there is a significant thickness of highly productive Aromas Sand deposits overlying it in most parts of the basin. The largest concentration of use of the Purisima Formation in the Pajaro Basin is in the foothills and area proximate to the Aromas area.

Figure 5 presents the location of wells proximate to the Marshall Well site known to the PVWMA. Available information on each well is presented in Table 2. Information on the wells is limited – the PVWMA does not have drillers’ logs on file for more than half of the wells.

Figure 5 - Proximate Wells



1/237' = Map Number/Well Depth in feet

Table 2 - Summary of Proximate Wells

Map Number	Name	Year Drilled	Borehole Depth (feet, bgs)	Well Depth (feet, bgs)	Perforations (feet, bgs)	Discharge Rate (gpm)	Producing Aquifer
1	Marshall Well	1954	237	237	219-237	200?	Purisima
2	Granite Rock	1992	520	300	60-300	3500	Purisima
3	Driscoll	1983/2006*	500	400	200-390	2200	Purisima
4	Driscoll	1996	715	560	220-560	3020	Purisima
5	Aromas School	1952	236	236	170-230	700	Purisima
6							
7				No Data			
8							
9							
10							

*liner installed

Although limited, several things can be inferred from these data. Firstly, high capacity wells have been successfully drilled and operated producing water from the Purisima Formation. Secondly, several proximate

wells have attempted to go more than 500 feet into the Purisima Formation; however, most were completed as a shallower well implying that materials encountered below 500 feet were deemed not suitable to perforate. Thirdly, there may be better materials available at greater depth in the Purisima Formation. At other locations, there are subunits of clay/siltstone in the Purisima Formation that are as much as 300 feet in thickness, underlain by a sandstone unit. Deeper exploration may be worthwhile.

Water Quality – Whereas there are sufficient data to confirm that a high-capacity well completed in the Purisima Formation is probable, there are limited data to characterize probable water quality. Although the PVWMA collects water quality data from several nearby wells, these data are treated as confidential and site-specific data are not available. However, in discussions with the Agency, the water quality in the Purisima Formation in this portion of the basin can be generally characterized as fair. Water typically has chloride ion levels around 120 mg/l, sulfate ions at around 150 mg/l and TDS of about 900 mg/l. The Agency’s analytical program does not include analysis for iron or manganese. However, at most locations where the Purisima Formation is used for municipal supply, iron and manganese removal is required.

Well Construction Costs – Data from proximate wells suggest that a 500-foot deep well into the Purisima Formation at the site may be successful; however, it can be assumed that treatment for iron and manganese will be required. Drilling a municipal quality well in a developed area has significant logistical challenges which add to overall construction costs. The most challenging is the legal disposal of drill cuttings, development water and test pumping water. All of these activities must be permitted with the Regional Water Quality Control Board and monitored. Allowing for the cost of these logistical issues and assuming a 500-foot deep, stainless steel 12-inch diameter well construction costs are estimated at \$500,000. This estimate is solely for well construction costs, equipping the well would be in addition. It is possible that, after the test hole program, there may be a motivation to construct well to a greater depth, however, given the logistical challenges discussed above, the overall cost of constructing, testing and equipping a well is not very sensitive to increased depth.

CONCLUSIONS

- The quality of water produced from the Marshall Well is of poor quality. Historical data were confirmed with recent sampling. The Marshall Well produces from the upper portion of the Purisima Formation. The reason for the poor quality is unknown.
- Treatment of the water from the existing Marshall Well to drinking water standards would be expensive. Reducing TDS, hardness, iron and manganese to below drinking water standards would likely require a lime softening treatment facility. Cost for such a facility to treat a flow of 500 gpm is estimated at more than \$1,000,000.
- Although no structural problems were found with the well, the well is more than 60 years old and significantly past the expected service life for a well built of mild steel casing. Should treatment of the water be considered cost-effective, the existing well would need to be replaced to justify the capital improvements associated with the treatment system
- The existing well meets the legal definition of an “abandoned” well. If the District does not have plans to use the well, the well should be formally destroyed to prevent aquifer contamination. Destruction of the well will entail ripping the casing and pumping the well full of concrete. Cost to destroy the well, including permitting, is estimated at \$5,000.
- Although unexplored to any significant depth in the area, available data suggests significant thickness of the Purisima Formation underlying the site. Multiple successful wells have been drilled to depths of approximately 500 feet proximate to the site and these wells are reportedly high producers. The existing well could be replaced with a well designed to produce from the deeper portions of the Purisima Formation.
- There are limited producing wells in the Purisima Formation in Pajaro Basin, so water quality data are sparse. Available water quality data suggest that the water is relatively good, meeting primary drinking water standards for all constituents. However, wells completed in the Purisima Formation typically need treatment to remove iron and manganese to meet secondary drinking water standards. Any plan to move forward with a new supply well in the Purisima Formation should include a consideration for iron and manganese treatment.
- Cost for a new well at the site of modern design completed to a depth of 500 feet is estimated at \$500,000. Equipping the well and allowing for iron and manganese treatment overall project cost is estimated at \$1.2M.

RECOMMENDATIONS

- To fully understand the potential of the subject site for a water supply well, a test well will be necessary. The most important question to be answered is what would be the water quality of a new, deeper well at the site and the type of treatment that will be necessary. The test well should be a 6-inch diameter well to depth of approximately 1000 feet. The well should be lithologically and geophysically logged. Test well should have screens placed in all water-bearing zones below 300 feet with blank casing between the screened intervals. Bentonite pellets should be placed in the gravel pack behind the blank casing to allow discrete water quality sampling of the isolated zones. For budgetary purposes it can be estimated that this effort would cost \$200,000 inclusive of drilling and consulting.
- A variant to the above recommendation would be to move ahead with the construction of a new deeper well designed for municipal use. This would avoid the cost of the test well, but would entail the risk of developing a well with water quality that is difficult or costly to treat to drinking water standards.

- Limited data are available on many of the proximate wells to the project site. It can be inferred from their locations that they are completed and produce from the Purisima Formation. It can also be inferred from their use supporting agricultural operations that most of these wells produce significant amounts of water. What cannot be inferred is the quality of the water produced from these wells. It is recommended that the District coordinate with adjacent well owners to collect and analyze water samples from some of these wells. These data will be essential in estimating the water quality from a deeper well into the Purisima Formation at the site.

REFERENCES

California State Water Resources Board,, 1953 Santa Cruz–Monterey Counties Investigation: California State Water Resources Board, Bulletin No. 5, 230 p.

Hansen, R. T. et al, 2014, Integrated Hydrologic Model of Pajaro Valley, Santa Cruz and Monterey Counties, California: US Geological Survey Scientific Investigations Report 2014-5111

Luhdorff and Scalmanini (LSCE), 1987, Pajaro Valley ground-water investigations—Phase I: Consultants report to Pajaro Valley Water Management Agency by January 1987 [variously paged] 33 p.

ATTACHMENTS

Newman Well Surveys

Video Survey Report

Company: Martin Feeney	Date: 12-Jan-16
Well: Marshall Well	Run No.: One
Field: Aromas	Job Ticket: 73607
State: California	Total Depth: 221.0 ft
Location: Marshall Ln.	Water Level: 77.3 ft
	Elevation: 114.0 ft
	36° 53' 23.89" N 121° 38' 26.48" W
Zero Datum: Top of casing	Tool Zero: Side view lens (Add 1.5 ft. to downward view)
Reason for Survey: General Inspection	

Depth	Remarks				
0.0 ft	12 1/4" Steel casing.				
77.3 ft	Water level. 8 ft. of oil on water level.				
184.0 ft	Bowl mark.				
221.0 ft	Total depth.				

Notes: Moderate scale throughout well. No perforations were visible. 8 ft. of oil on water level.



Monterey Bay Analytical Services

4 Justin Court Suite D, Monterey, CA 93940

831.375.MBAS

www.MBASinc.com

ELAP Certification Number: 2385

Monday, May 23, 2016

Martin Feeney
P. O. Box 30020
Santa Barbara, Ca 93130

Lab Number: AB47178

Collection Date/Time: 5/12/2016 10:00
Submittal Date/Time: 5/12/2016 12:30

Sample Collector: FEENEY M
Sample ID

Client Sample #:
Coliform Designation:

Sample Description: Marshall Well

Analyte	Method	Unit	Result	Qual	PQL	MCL	Date Analyzed	Analyst
Aggressivity Index	Calculation		12.6				5/20/2016	MWV
Alkalinity, Total (as CaCO ₃)	SM2320B	mg/L	458		10		5/13/2016	BS
Aluminum, Total	EPA200.8	µg/L	16		10	1000	5/18/2016	SM
Antimony, Total	EPA200.8	µg/L	Not Detected		1.0	6	5/18/2016	SM
Arsenic, Total	EPA200.8	µg/L	3		1	10	5/18/2016	SM
Barium, Total	EPA200.8	µg/L	83		10	1000	5/18/2016	SM
Beryllium, Total	EPA200.8	µg/L	Not Detected		1	4	5/18/2016	SM
Bicarbonate (as HCO ₃ ⁻)	SM2320B	mg/L	559		10		5/16/2016	LRH
Bromide	EPA300.0	mg/L	0.5		0.1		5/12/2016	HM
Cadmium, Total	EPA200.8	µg/L	Not Detected		0.5	5	5/18/2016	SM
Calcium	EPA200.7	mg/L	136		0.5		5/19/2016	MWV
Carbonate as CaCO ₃	SM2320B	mg/L	Not Detected		10		5/16/2016	LRH
Chloride	EPA300.0	mg/L	126		1	250	5/12/2016	HM
Chromium, Total	EPA200.8	µg/L	27		2	50	5/18/2016	SM
Color, Apparent (Unfiltered)	SM2120B	Color Units	6		3	15	5/13/2016	LRH
Copper, Total	EPA200.8	µg/L	9		4	1300	5/18/2016	SM
Cyanide	QuikChem 10-204	µg/L	Not Detected		5	200	5/16/2016	LRH
Fluoride	EPA300.0	mg/L	0.2		0.1	2.0	5/12/2016	HM
Hardness (as CaCO ₃)	SM2340B/Calc	mg/L	723		10		5/20/2016	MWV
Hydroxide	SM2320B	mg/L	Not Detected		10		5/16/2016	LRH
Iron	EPA200.7	µg/L	471		10	300	5/19/2016	MWV
Langlier Index, 15°C	SM2330B		0.57				5/20/2016	MWV
Langlier Index, 60°C	SM2330B		1.15				5/20/2016	MWV
Lead, Total	EPA200.8	µg/L	5		5	15	5/18/2016	SM
Magnesium	EPA200.7	mg/L	93		0.5		5/19/2016	MWV
Manganese, Total	EPA200.7	µg/L	2470		10	50	5/19/2016	MWV
MBAS (Surfactants)	SM5540C	mg/L	Not Detected		0.05	0.50	5/13/2016	HM
Mercury, Total	EPA200.8	µg/L	Not Detected		0.5	2	5/18/2016	SM
Nickel, Total	EPA200.8	µg/L	Not Detected		10	100	5/18/2016	SM
Nitrate as NO ₃	EPA300.0	mg/L	Not Detected		1	45	5/12/2016	HM
Nitrate as NO ₃ -N	EPA300.0	mg/L	0.1		0.1	10	5/12/2016	HM

mg/L: Milligrams per liter (=ppm)

µg/L: Micrograms per liter (=ppb)

PQL: Practical Quantitation Limit

H = Analyzed outside of hold time

E = Analysis performed by External Laboratory, See External Laboratory Report attachments.

D = Method deviates from standard method due to insufficient sample for MS/MSD

T = Temperature Exceedance



Monterey Bay Analytical Services

4 Justin Court Suite D, Monterey, CA 93940
831.375.MBAS

www.MBASinc.com

ELAP Certification Number: 2385

Monday, May 23, 2016

Martin Feeney
P.O. Box 30020
Santa Barbara, Ca 93130

Lab Number: AB47178

Collection Date/Time: 5/12/2016 10:00
Submittal Date/Time: 5/12/2016 12:30

Sample Collector: FEENEY M
Sample ID:

Client Sample #:
Coliform Designation:

Sample Description: Marshall Well

Analyte	Method	Unit	Result	Qual	PQL	MCL	Date Analyzed	Analyst
Nitrate+Nitrite as N	EPA300.0	mg/L	0.6		0.1		5/12/2016	HM
Nitrite as NO ₂ -N	EPA300.0	mg/L	0.5		0.1	1.0	5/12/2016	HM
Odor Threshold at 60 C	SM2150B	TON	2	H	1	3	5/13/2016	MP
o-Phosphate-P, Dissolved	EPA300.0	mg/L	Not Detected		0.1		5/12/2016	HM
pH (Laboratory)	SM4500-H+B	pH (H)	7.4		0.1		5/12/2016	MP
Potassium	EPA200.7	mg/L	2.1		0.5		5/19/2016	MWV
QC Anion Sum x 100	Calculation	%	117%				5/16/2016	LRH
QC Anion-Cation Balance	Calculation	%	1				5/20/2016	MWV
QC Cation Sum x 100	Calculation	%	119%				5/20/2016	MWV
QC Ratio TDS/SEC	Calculation		0.68				5/19/2016	MP
Selenium, Total	EPA200.8	µg/L	3	LM	2	50	5/18/2016	SM
Silver, Total	EPA200.8	µg/L	Not Detected		10	100	5/18/2016	SM
Sodium	EPA200.7	mg/L	149		0.5		5/19/2016	MWV
Specific Conductance (E.C)	SM2510B	µmhos/cm	1767		1	900	5/12/2016	LJ
Sulfate	EPA300.0	mg/L	386		1	250	5/12/2016	HM
Thallium, Total	EPA200.8	µg/L	Not Detected		1.0	2	5/18/2016	SM
Total Diss. Solids	SM2540C	mg/L	1197		10	500	5/17/2016	MP
Turbidity	EPA180.1	NTU	2.0		0.05	5.0	5/13/2016	BS
Zinc	EPA200.7	µg/L	16		10		5/19/2016	MWV

Sample Comments: Odor.oil; LM: MS and/or MSD above acceptance limits.

Report Approved by:

David Holland, Laboratory Director

mg/L: Milligrams per liter (=ppm)

µg/L: Micrograms per liter (=ppb)

PQL: Practical Quantitation Limit

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D = Method deviates from standard method due to insufficient sample for MS/MSD

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ELAP Certification Number: 2385

Monday, May 23, 2016

Martin Feeney
P.O. Box 30020
Santa Barbara, Ca 93130

Lab Number: AB47179

Collection Date/Time: 5/12/2016 11:00
Submittal Date/Time: 5/12/2016 12:30

Sample Collector: FEENEYM
Sample ID

Client Sample #:
Coliform Designation:

Sample Description: Marshall Well

Analyte	Method	Unit	Result	Qual	PQL	MCL	Date Analyzed	Analyst
Iron	EPA200.7	µg/L	1932		10	300	5/19/2016	MW
Manganese, Total	EPA200.7	µg/L	2650		10	50	5/19/2016	MW
Specific Conductance (E.C)	SM2510B	µmhos/cm	1770		1	900	5/12/2016	LJ

Sample Comments:

Report Approved by:

David Holland, Laboratory Director

mg/L: Milligrams per liter (=ppm)

µg/L: Micrograms per liter (=ppb)

PQL: Practical Quantitation Limit

H = Analyzed outside of hold time

E = Analysis performed by External Laboratory, See External Laboratory Report attachments.

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ELAP Certification Number: 2385

Monday, May 23, 2016

Martin Feeney
P.O. Box 30020
Santa Barbara, Ca 93130

Lab Number: AB47180

Collection Date/Time: 5/12/2016 8:30
Submittal Date/Time: 5/12/2016 12:30

Sample Collector: FEENEY M
Sample ID

Client Sample #:
Coliform Designation:

Sample Description: Marshall Well

Analyte	Method	Unit	Result	Qual	PQL	MCL	Date Analyzed	Analyst
Iron	EPA200.7	µg/L	17449		10	300	5/19/2016	MW
Manganese, Total	EPA200.7	µg/L	3220		10	50	5/19/2016	MW
Specific Conductance (E.C)	SM2510B	µmhos/cm	1773		1	900	5/12/2016	LJ

Sample Comments:

Report Approved by:

David Holland, Laboratory Director

mg/L: Milligrams per liter (=ppm)

µg/L: Micrograms per liter (=ppb)

PQL: Practical Quantitation Limit

H = Analyzed outside of hold time

E = Analysis performed by External Laboratory, See External Laboratory Report attachments.

D = Method deviates from standard method due to insufficient sample for MS/MSD

T = Temperature Exceedance

Staff Report



To: Board of Directors

Re: Item X.B – Consider adopting the Proposed Capital Budget of \$431,240 for Fiscal Year 2021-2022

Date: May 18, 2021

Summary / Discussion

The Proposed Capital Budget is adopted annually by the Board of Directors as the financial guide for the District’s capital expenses; documenting the Capital Projects and Capital Purchases District staff proposes to complete this fiscal year.

The Proposed Capital Budget worksheet includes the proposed capital expenses for Fiscal Year (FY) 2021-22, and how those Capital Projects line up with the District’s Strategic Plan Categories and Goals. The worksheet also shows the capital budgets from the previous two years.

The Proposed FY 2021-2022 Capital Projects Budget breaks out with the following expenditures:

- Principal payments of the Capital Asset Loan (solar portion of this loan is paid off) - \$110,240
- Complete renovations to Operations Headquarters - \$5,000
- Purchase of Radio-read water meters - \$35,000
- Installation of transfer switches at Carr and Oakridge Booster Stations - \$10,000
- Design and implement the Ballantree Tanks Replacement Project - \$150,000 (Rate Study)
- Install alternative energy (solar power) at the District’s office facility - \$41,000
- Purchase of a towable generator for back-up power to booster stations - \$80,000

Planned Capital Expenditures that did not occur from last year’s Capital Budget were: 1) the installation of alternative energy (solar power) at the District office (this money was reappropriated for the Carpenteria Well Rehabilitation Project, and 2) the renovations to the Operations Headquarters (that is why they are repeated in this year’s budget). The items identified with Rate Study are called out in the Rate Study as projects to be completed within the five-year Rate Study horizon.

A towable generator was applied for and not received from the CalOES grant earlier this FY. It is included in the Capital Budget since PG&E’s is using its Public Safety Power Shutoffs (PSPS) management protocol on a more regular basis, therefore towable generators are harder to acquire during emergency situations, because additional entities are also trying to rent them. As a result, having one for the District is critical, to facilitate the use of our booster pumps in the midst of a planned PSPS, or any other unplanned power outage.

Staff Recommendation

Adopt the Proposed Capital Budget of \$431,240 for Fiscal Year 2021-2022.

Submitted by:

Robert Johnson
General Manager

AWD Capital Budget
FY 2021 - 2022
PROPOSED



AWD Capital Budget for FY 2021 - 2022		
#	Strategic Plan Category / Goal	Estimated Cost (\$)
1	Finance	
2	Maintain a balanced annual Expense Budget	
3	Enhance Financial Health with additional funding opportunities	on-going
4	Execute and implement Rate Study - FY 2019 - 2024 (in FY 2018-19)	completed
5	Principal Payments: 2015 Refinance + Solar	110,240
6	Environmental and Resource Stewardship	
7	Maintain, enhance and increase understanding of District's water resources	
8	Encourage infill of existing infrastructure	
9	Research and evaluate opportunities for developing new water sources	
10	Maintain local independent jurisdictional control	
11		
12	Community and Communication	
13	Achieve District of Distinction by 2021	
14	Achieve Special District Administrator (GM) by 2021	
15	Develop a social media presence strategy	
16	Participate in appropriate community events	on-going
17	Investigate and secure new water source	
18	Facilities and Infrastructure	
19	Purchase RR meters annually (2018 - up to 10% of system)	35,000
20	Remodel Operations Headquarters (apartment)	5,000
21	Design and implement the District Facility Alternative Energy Project	41,000
22	Investigate security options for Marshall Shop area	completed
23	Add baserock to and around Carr Tank driveway	
24	Install transfer switches at Carr and Oakridge Booster Stations	10,000
25	Interim backup power solution - portable generator	
26	Incorporate AWD infrastructure into Rocks Road Bridge Project (SBC)	Unknown
27	Incorporate AWD infrastructure into Carr Avenue Bridge Project (SBC)	Unknown
28	Design and implement the School Road Tank Replacement Project	
29	Upgrade District Storage Shed	
30	Design and implement the Marshall Facility Improvement Project	
31	Security Fencing, new well, WTP, Maintenance Shop, Solar power - or other configuration	
32	Design and implement Ballantree Tank Replacement Project	150,000
33	Develop, design and implement Water Main Looping Program	
34	Design and implement Pleasant Acres Mainline Replacement Project	
35	XiO Tow Gen.	80,000
36	District Operations, Personnel and Management	
37	Maintain and improve delivered water quality to meet and exceed current standards	
38	Maintain and enhance District Customer Service	
39	Maintain and enhance District Technology	on-going
40	Develop District Technology Utilization Plan	
41	Maintain and enhance District's preparedness for emergencies	
42	Maintain and enhance District employee training opportunities	on-going
43	Maintain and improve District policies for operations and office personnel	
44	Continue to utilize internships to facilitate learning opportunities	
45		
46	Board of Directors	
47	Maintain and enhance District Board of Directors culture	on-going
48	Provide clear guidance to management	
		\$431,240

Staff Report



To: Board of Directors

Re: Item X.C – Consider adopting the Proposed Expense Budget of \$1,812,600 for Fiscal Year 2021-2022

Date: May 18, 2021

Summary / Discussion

The Proposed Expense Budget is adopted annually by the Board of Directors as the financial guide for District expenses, including all annually-recurring income and expenses. At this Board meeting the Proposed Capital Budget is also being presented.

The Proposed Expense Budget worksheet includes the adopted revenues and expenses for Fiscal Year (FY) 2019-20, the approved FY 2020-21 Budget, as well as the current actual expenses for the first nine months of FY 2020-21.

The total revenue projection is estimated to be \$1,812,600, which includes water revenue, two (estimated) new connection charges, property taxes and miscellaneous interest and grants. The water use is projected to be comparable to this year, so assuming the same water use, the increase in budgeted revenue is coming from the 6% increase presented in the most Rate Study approved and adopted May 2019.

Changes to the expenses from the FY 2020-21 Budget are estimated for each line item; and presented in the column to the right of the budget table. An important line to identify is the depreciation reserve, which reserves monies for system repairs and replacement. This Proposed Expense Budget builds this reserve by approximately \$144,000 over the previous FY. The proposed personnel salaries are increased by 2%, (based on the CPI of 1.6%). Also included in this year's Expense Budget is an additional \$26,500 for a Hydrologic Study to investigate a new water source for the District.

Staff Recommendation

Adopt the Proposed Expense Budget of \$1,812,600 for Fiscal Year 2021-2022.

Submitted by:

Robert Johnson
General Manager

Aromas Water District
Expense Budget
FY 2021-2022
PROPOSED

AROMAS WATER DISTRICT EXPENSE BUDGETS	APPROVED 2019 - 2020 BUDGET	APPROVED 2020 - 2021 BUDGET	FY 2020-21 THROUGH 3.31.2021	2021 - 2022 BUDGET PROPOSED	Difference between FY2020 and FY2021
	ADOPTED	ADOPTED	Actual	PROPOSED	
REVENUE					
303 · Water Revenue	1,207,500	1,344,000	1,031,985	1,495,000	* 151,000
307 · Bulk Water	7,000	7,000	6,252	8,000	1,000
302 · Connection	41,820	27,880	14,640	30,800	2,920
301 · Taxes Received	66,000	66,000	-	76,000	* 10,000
Oakridge/OAWA	194,200	194,200	146,359	195,000	800
304 · Other Office Income	500	500	3,424	1,500	1,000
306 · Interest	20,000	20,000	1,452	4,800	(15,200)
312 · Grant Revenue	2,000	2,000	1,000	1,500	(500)
Total Revenue	\$ 1,539,020	\$ 1,661,580	\$ 1,205,112	\$ 1,812,600	151,020
EXPENSES					
Administrative & General					
4593 - Bond Issue Cost	-	-	-	-	-
4592 - Professional Fees	-	-	-	-	-
4591 - Bond Admin Fee	5,000	5,200	2,750	5,200	-
4590 - Bond Interest Asses.	128,000	128,000	123,335	128,000	-
Int Pymnts/Loans - CapProj	-	-	-	-	-
467 - Depreciation/Reserve	443,770	498,053	415,040	642,036	143,983
405 · Election	-	1,000	400	-	(1,000)
406 · Liability Ins	20,000	20,000	14,898	20,000	-
417 · Capital Interest Payment	35,000	30,000	14,690	26,000	* (4,000)
420 · Legal Fees	16,000	16,000	11,700	17,000	1,000
423 · Litigation Contingency	10,000	10,000	-	10,000	-
422 · Bank Charges	1,900	1,900	1,157	1,900	-
425 · Audit	12,500	12,500	8,219	13,125	* 625
471 · Bad Debts	500	500	211	500	-
473 · Memberships	17,000	20,000	19,324	20,000	-
Total Administrative & General	689,670	743,153	611,723	883,761	140,608
Communications					
455 · Phone, Off	4,000	4,000	3,223	4,200	200
456 · Telemetry	3,600	6,500	6,391	8,124	* 1,624
457 · Answ Serv/Cell Phone	3,600	3,600	3,681	4,000	400
Total Communications	11,200	14,100	13,295	16,324	2,224
Payroll					
Gross	406,233	409,308	339,566	424,969	15,661
Comp FICA	25,156	25,377	20,028	26,348	971
Comp MCARE	5,890	5,935	5,047	6,162	227
Comp SUI & SDI	2,335	2,188	1,194	2,188	-
Total Payroll	439,614	442,808	365,835	459,667	16,860
Employee Costs					
407 · Outside Services	6,000	6,000	3,151	6,000	-
408 · Uniform Allowance	3,000	3,000	916	4,000	1,000
409 · Workers Comp	12,306	12,288	7,843	12,691	402
410 · Health Ins	70,842	72,287	65,915	71,387	(900)
474 · Education	7,500	7,500	667	7,500	-
477 · Retirement Contrib	73,874	85,693	73,748	86,446	753
Total Employee Costs	173,522	186,768	152,240	188,023	1,256

Aromas Water District
Expense Budget
FY 2021-2022
PROPOSED

	APPROVED 2019 - 2020 BUDGET	APPROVED 2020 - 2021 BUDGET	FY 2020-21 THROUGH 11.30.2020	2021 - 2022 BUDGET PROPOSED	
	ADOPTED	ADOPTED	Actual	PROPOSED	
Office					
440 · Misc Exp	4,000	4,000	2,619	4,000	-
444 · Postage	4,000	4,000	2,575	4,000	-
445 · Office Supplies	4,000	4,000	1,983	4,000	-
446 · Office Eqpmt Maint	20,000	15,000	4,910	15,000	-
Total Office	32,000	27,000	12,086	27,000	-
Operations					
403 · Fuel	14,500	14,500	11,495	15,000	500
404 · Truck Maint	6,000	7,000	5,738	7,500	500
431 · System Repair & Maint	65,000	70,000	54,951	70,000	-
463 · Water Analysis	6,000	6,000	6,954	6,500	500
464 · Water Treatment	13,000	20,000	15,349	20,000	-
468 · Tools	7,000	7,500	4,490	7,500	-
470 · PI / Annex / Conserv	2,500	3,500	1,097	30,000	26,500
Total Operations	114,000	128,500	100,075	156,500	28,000
Power					
449.75 388 Blohm #C	400	400	282	400	-
449.5-388 Blohm A & B	1,700	1,700	1,146	1,700	-
447 · Leo Ln Booster	400	450	566	600	150
448 · Aimee Mdws Well	150	150	96	150	-
451 · Marshall Corp Yard	500	500	378	500	-
452 · Rea Booster @ Seely	450	500	489	625	125
454 · Carr Booster	5,000	5,500	5,249	6,900	1,400
458 · Pleasant Acres Well	13,000	13,000	976	4,000	(9,000)
459 · Seely Pump & Carpenteria	500	500	231	500	-
460 · San Juan Well	49,000	51,000	50,160	63,000	12,000
461.5 RLS Tank	150	150	97	150	-
461 · Cole Tank	200	200	131	200	-
462 · Rea Tank	200	200	137	200	-
465 · Lwr Oakridge Bstr	1,000	1,500	1,087	1,500	-
465.5 · Upr Oakridge Bstr	700	700	300	700	-
466 · Pine Tree Tank	200	200	135	200	-
Total Power	73,550	76,650	61,457	81,325	4,675
TOTAL EXP	1,533,555	1,618,978	1,316,712	1,812,600	193,622
NET INCOME	5,465	(0)	(111,600)	(0)	
Add back in Depreciation/Reserve	443,770	498,053	415,040	642,036	143,983
Net incl. Depreciation	449,235	498,053	303,440	642,036	143,983

Aromas Water District
 PROPOSED Expense Budget
 FY 2021 - 2022
 Payroll Portion

JobTitle	Yrs w/ AWD	Hrs p/yr	% of increase	Hourly 2021-2022	PROPOSED 2021-2022	FICA	MCare	SDI 1.0% SUI 2.9%	Health	CalPERS	Workers Comp
General Mgr - R Johnson	4	2080	2.0%		\$ 158,321	6.20% 9,816	1.45% 2,296	<\$7000 273	25,313	17,225	3,119
											\$ 1.97 W/C rate
Admin Services Officer	6	1248	2.0%	\$ 26.39	\$ 32,931	2,042	478	273	0	2,499	188
											\$ 0.57 W/C rate
Water Utility Specialist	5	1664	2.0%	\$ 24.48	\$ 40,735	2,526	591	273	0	3,092	232
CSR	2	1248	2.0%	\$ 17.04	\$ 21,271	1,319	308	273	0	1,614	121
											\$ 0.57 W/C rate
Chief Operator	15	2080	2.0%	\$ 45.89	\$ 95,451	5,918	1,384	273	33,364	10,385	5,393
o/call & OT		220	2.0%	\$ 45.89	\$ 10,096	626	146			1,098	570
											\$ 5.65 WC rate
Operator I	2	2080	2.0%	\$ 22.06	\$ 45,890	2,845	665	273	12,710	3,483	2,593
o/call & OT		220	2.0%	\$ 22.06	\$ 4,854	301	70			368	274
											\$ 5.65 WC rate
Directors (5)	34										\$ 0.65 WC rateDir
+CalPERS addl unfunded liab		72	\$5.00	\$ 257.00	\$ 15,420	956	224	550	0	0	100
Interns				\$ -						46680	0
	34				\$ 424,969	26,348	6,162	2,188	71,387	86,446	12,691
					ee contrib	4.20%	1.45%	1.20%	20% co-py	7.00%	

Aromas Water District
Balance Sheet Prev Year Comparison
As of April 30, 2021

	Apr 30, 21	Apr 30, 20
ASSETS		
Current Assets		
Checking/Savings		
UB Checking	123,875.50	178,661.97
UB Bk Money Market xxxx7853	680,631.42	381,291.34
LAIF-State of Ca xx-05	835,583.28	829,262.26
Petty Cash	100.00	100.00
Assessment District Banks		
OAWA Union Bank Checking 7741	45,800.85	24,724.47
OAWA Union Bank 101 Redemption	0.14	0.00
OAWA Union Bank 102 Reserve	35,558.32	35,762.19
Oakridge Union Checking 5587	359,355.49	410,099.05
Total Assessment District Banks	440,714.80	470,585.71
Total Checking/Savings	2,080,905.00	1,859,901.28
Accounts Receivable		
1200 · Accounts Rec - Spec Proj/Taxes	2,220.00	0.00
Total Accounts Receivable	2,220.00	0.00
Other Current Assets		
ACWA Deposit	2,080.80	2,080.80
1292 · Accounts Rec - USDA Loan	2,095,834.27	2,176,644.30
1291 · Accounts Rec - Orchard Acres	311,692.98	323,112.17
Prepaid Insurance	7,400.42	8,609.80
128 · Inventory	49,921.56	49,460.11
1200.1 · Accounts Receivable--UBMax	140,905.27	102,398.64
1201.9 · Less Allowance for doubtful ...	-500.00	-500.00
Total Other Current Assets	2,607,335.30	2,661,805.82
Total Current Assets	4,690,460.30	4,521,707.10
Fixed Assets		
1900 · Water System	12,011,946.47	11,818,908.82
1915 · Office Building & Improvements	398,442.54	398,261.43
1970 · Office Equipment & Fixtures	93,467.05	93,467.05
1980 · District Vehicles	117,577.39	117,577.39
1990 · Land and Easements	331,195.78	331,195.78
1995 · Idle Assets	43,400.00	43,400.00
1998 · Less Accum Depr Idle Assets	-42,400.00	-42,400.00
1999 · Less Accumuated Depreciation	-6,766,204.75	-6,260,583.75
Total Fixed Assets	6,187,424.48	6,499,826.72
Other Assets		
Deferred Outflow of Resources	140,939.00	138,369.00
Total Other Assets	140,939.00	138,369.00
TOTAL ASSETS	11,018,823.78	11,159,902.82

Aromas Water District
Balance Sheet Prev Year Comparison
As of April 30, 2021

	Apr 30, 21	Apr 30, 20
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
2000 · Accounts Payable	19,743.22	13,718.98
Total Accounts Payable	19,743.22	13,718.98
Credit Cards		
First Bankcard - S Smith #0239	381.03	208.66
First Bankcard - E Giron #1086	112.03	0.00
First Bankcard -R.Johnson #9031	0.00	54.99
First Bankcard-L Coombes #3294	31.20	72.08
First Bankcard - D DeAlba #2486	362.59	558.48
Valero Fleet	225.28	492.73
Total Credit Cards	1,112.13	1,386.94
Other Current Liabilities		
Current Portion UB OAWA	10,000.00	0.00
Current Portion USDA Oakridge	37,000.00	0.00
Current Portion City National	57,899.79	57,954.10
2100 · Payroll Liabilities	92.31	68.77
Deferred Inflows- Actuarial	10,090.00	0.00
CUSTOMER DEPOSITS		
Connection Deposits Payable	2,500.00	2,000.00
Hydrant Meter Deposit	0.00	800.00
Total CUSTOMER DEPOSITS	2,500.00	2,800.00
Accrued Vacation Payable	27,815.70	17,907.50
Interest Payable	47,596.19	20,153.44
PVWMA Payable	12,206.59	-1,283.80
Total Other Current Liabilities	205,200.58	97,600.01
Total Current Liabilities	226,055.93	112,705.93
Long Term Liabilities		
2392 · Long-term Debt - USDA (Oakr...	2,432,999.90	2,544,240.00
2391 · Long-term Debt - Orchard Acres	370,000.00	390,000.00
GASB 68 Pension Liability	577,103.00	544,625.00
City National Bank	865,611.99	982,313.10
Total Long Term Liabilities	4,245,714.89	4,461,178.10
Total Liabilities	4,471,770.82	4,573,884.03
Equity		
Investment in Capital Assets	6,420,006.53	6,420,006.53
Unrestricted Net Assets	2,687,889.75	2,791,376.36
Allocation of Net Assets	-2,637,574.59	-2,637,574.59
Net Income	76,731.27	12,210.49
Total Equity	6,547,052.96	6,586,018.79
TOTAL LIABILITIES & EQUITY	11,018,823.78	11,159,902.82

Aromas Water District
Profit & Loss Budget Performance

Accrual Basis

April 2021

	Apr 21	Budget	Jul '20 - Apr 21	YTD Budget	Annual Budget
Ordinary Income/Expense					
Income					
303 · Water Revenue	118,585.15	115,000.00	1,148,603.64	1,071,500.00	1,344,000.00
307 · Bulk Water	482.31	500.00	6,734.18	5,000.00	7,000.00
302 · Connection	0.00	0.00	14,640.00	14,640.00	27,880.00
301 · Taxes Rcvd - AWD					
3090 · Oakridge / OAWA Assessments	65,807.91	64,800.00	166,485.46	176,900.00	194,200.00
301 · Taxes Rcvd - AWD - Other	14,182.81	12,000.00	59,864.27	54,000.00	66,000.00
Total 301 · Taxes Rcvd - AWD	79,990.72	76,800.00	226,349.73	230,900.00	260,200.00
304 · Other Office Income & Reimburse	0.00	40.00	3,423.76	400.00	500.00
306 · Interest	264.55	650.00	1,716.04	11,500.00	20,000.00
312 · Grant Revenue	0.00	0.00	1,000.00	1,000.00	2,000.00
Total Income	199,322.73	192,990.00	1,402,467.35	1,334,940.00	1,661,580.00
Gross Profit	199,322.73	192,990.00	1,402,467.35	1,334,940.00	1,661,580.00
Expense					
Operations					
403 · Fuel	1,209.09	1,208.00	11,845.70	12,080.00	14,500.00
404 · Truck Maint	0.00	614.00	5,738.42	5,770.00	7,000.00
431 · System Repair & Maint	1,554.44	6,100.00	55,139.33	57,500.00	70,000.00
463 · Water Analysis	332.00	400.00	6,954.00	5,000.00	6,000.00
464 · Water Treatment	2,195.52	1,600.00	16,171.84	15,400.00	20,000.00
468 · Tools	0.00	625.00	4,490.33	6,250.00	7,500.00
470 · Public Outreach / Annexation	225.88	300.00	852.44	3,000.00	3,500.00
Total Operations	5,516.93	10,847.00	101,192.06	105,000.00	128,500.00
Power					
449.75 · 388 Blohm, # C	-8.20	33.00	281.54	330.00	400.00
449.5 · 388 Blohm, A & B Office	108.54	140.00	1,145.66	1,400.00	1,700.00
461.5 · RLS Tank Booster	9.86	12.50	96.59	125.00	150.00
447 · Leo Ln Booster	64.49	37.50	565.54	375.00	450.00
448 · Aimee Mdws Well	10.51	12.50	95.93	125.00	150.00
449 · Office, Pwr	0.00		0.00		
451 · Marshall Corp Yard	42.55	41.50	378.13	415.00	500.00
452 · Rea Booster @ Seely	60.00	41.50	489.46	415.00	500.00
454 · Carr Booster	535.35	350.00	5,249.21	4,215.00	5,500.00
458 · Pleasant Acres Well	77.31	1,000.00	975.67	10,600.00	13,000.00
459 · Seely Booster @ Carpenteria	26.28	41.50	256.80	415.00	500.00
460 · San Juan Well	4,749.14	4,500.00	50,159.58	41,000.00	51,000.00
461 · Cole Tank	8.09	16.00	130.63	160.00	200.00
462 · Rea Tank	15.75	16.00	137.19	160.00	200.00
465 - Lwr Oakridge Boost	89.70	80.00	1,087.19	1,255.00	1,500.00
465.5 - Upper Oakridge Booster	0.00	0.00	300.00	525.00	700.00
466 · Pine Tree Tank	14.29	16.00	134.53	160.00	200.00
Total Power	5,803.66	6,338.00	61,483.65	61,675.00	76,650.00
Payroll					
Covid Sick Supp.	737.12		737.12		
Gross	30,071.23	34,040.00	339,566.05	341,210.00	409,308.00
Comp FICA	1,977.96	2,111.00	20,028.15	21,152.00	25,377.00
Comp MCARE	466.27	494.00	5,047.17	4,946.00	5,935.00
Comp SUI	65.30	159.50	1,378.99	1,868.00	2,188.00
Payroll Expenses	1,193.98		1,193.98		
Payroll - Other	0.00		0.00		
Total Payroll	34,511.86	36,804.50	367,951.46	369,176.00	442,808.00
Employee / Labor Costs					
407 · Outside Services	71.66	500.00	3,151.48	5,000.00	6,000.00
408 · Uniform Allowance	107.75	250.00	915.81	2,500.00	3,000.00
409 · Workers Comp	887.96	1,004.00	7,843.25	10,274.00	12,288.00
410 · Health Ins	6,081.46	6,099.00	65,915.38	60,089.00	72,287.00
474 · Education	375.00	625.00	666.66	6,250.00	7,500.00
477 · Retirement	7,171.07	7,188.00	73,747.72	71,316.00	85,693.00
Total Employee / Labor Costs	14,694.90	15,666.00	152,240.30	155,429.00	186,768.00
Office					
440 · Misc Exp	245.00	330.00	2,863.58	3,300.00	4,000.00
444 · Postage	475.76	330.00	3,018.12	3,300.00	4,000.00
445 · Office Supplies	1,259.69	330.00	3,178.86	3,300.00	4,000.00
446 · Office Eqpmnt and Maint	131.97	200.00	4,909.70	5,300.00	15,000.00
Total Office	2,112.42	1,190.00	13,970.26	15,200.00	27,000.00
Communications					
455 · Phone, Off	358.39	330.00	3,645.34	3,300.00	4,000.00
456 · Telemetry	677.96	540.00	6,766.72	5,400.00	6,500.00
457 · Answ Serv/Cellular Phone	333.55	300.00	3,824.83	3,000.00	3,600.00

Aromas Water District
Profit & Loss Budget Performance

Accrual Basis

April 2021

	Apr 21	Budget	Jul '20 - Apr 21	YTD Budget	Annual Budget
Total Communications	1,369.90	1,170.00	14,236.89	11,700.00	14,100.00
Administrative & General					
4593 · Bond Issue Cost	0.00	0.00	0.00	0.00	0.00
4592 · Professional Fees	0.00	0.00	0.00	0.00	0.00
4591 · Admin Fee (Bond Admin NBS)	1,338.53	1,400.00	4,088.35	4,250.00	5,200.00
4590 · Bond Interest Exp - Assess Dist	0.00	0.00	123,334.98	128,000.00	128,000.00
Int Pymts LoansCapital Projects	0.00		0.00	0.00	0.00
417 · Capital Loan Interest	0.00	0.00	14,689.70	15,000.00	30,000.00
467.5 · Amortization Exp	0.00	0.00	0.00	0.00	0.00
467 - Depreciation Reserve	41,504.00	47,732.00	415,040.00	446,180.00	541,654.00
405 · Election	0.00	0.00	400.00	0.00	0.00
406 · Liability Ins	-712.35	1,665.00	14,898.19	16,650.00	20,000.00
420 · Legal Fees	1,300.00	1,300.00	13,000.00	13,000.00	16,000.00
422 · Bank Charges	119.76	158.00	1,292.01	1,580.00	1,900.00
423 · Litigation Contingency	0.00	800.00	0.00	8,000.00	10,000.00
425 · Audit	165.00	1,200.00	8,384.00	10,220.00	12,500.00
471 · Bad Debts	0.00	40.00	210.69	400.00	500.00
473 · Memberships	60.00	0.00	19,323.54	19,430.00	20,000.00
Total Administrative & General	43,774.94	54,295.00	614,661.46	662,710.00	785,754.00
Total Expense	107,784.61	126,310.50	1,325,736.08	1,380,890.00	1,661,580.00
Net Ordinary Income	91,538.12	66,679.50	76,731.27	-45,950.00	0.00
Net Income	91,538.12	66,679.50	76,731.27	-45,950.00	0.00

Aromas Water District
Monthly Expenditures
 April 20 through May 18, 2021

Date	Num	Name	Amount
UB Checking			
04/21/2021	E-pay	Employment Development Dept	-719.11
04/21/2021	E-pay	United States Treasury (EFTPS)	-4,044.70
04/22/2021	EFT	QuickBooks Payroll Service	-6,806.49
04/22/2021	Pd Online	P G & E	-60.00
04/23/2021	DD1644	Coombes (P), Louise P	0.00
04/23/2021	18227	DeAlba (P), David	-2,675.60
04/23/2021	DD1645	Giron (P), Ester	0.00
04/23/2021	DD1646	Johnson (P), Robert L	0.00
04/23/2021	18228	Smith (P), Shaun	-1,488.43
04/23/2021	DD1643	Bowman (P), Naomi	0.00
04/23/2021	18229	Holman (P), Wayne R	-229.68
04/23/2021	DD1647	Leap (P), James E	0.00
04/23/2021	DD1648	Morris (P), Vicki	0.00
04/23/2021	DD1649	Smith (P), Richard	0.00
04/23/2021	EFT	CalPERS	-2,494.42
04/23/2021	EFT	CalPERS	-796.82
04/30/2021	EFT	Bank Service Fees	-134.76
05/04/2021	18231	USPO	-55.00
05/04/2021	18230	Gilroy Car Care	-821.51
05/04/2021	18232	ACE Hardware Prunedale	-152.90
05/04/2021	18233	BAVCO	-376.39
05/04/2021	18234	CALNET3	-660.35
05/04/2021	18235	City National Bank	-73,491.07
05/04/2021	18236	CSSC	-93.58
05/04/2021	18237	Fastenal Company	-55.00
05/04/2021	18238	Mid Valley Supply	-2,195.52
05/04/2021	18239	Monterey Bay Analytical Services Inc	-60.00
05/04/2021	18240	P G & E	0.00
05/04/2021	18241	Rob Johnson	-50.00
05/04/2021	18242	Shaun Smith	-49.51
05/04/2021	18243	United Rentals Inc	-1,243.28
05/04/2021	18244	United Way serving San Benito County	-32.00
05/04/2021	18245	USA BlueBook	-410.80
05/04/2021	18246	USPO	-443.36
05/04/2021	18247	XIO, INC.	-376.00
05/04/2021	Paid Online	P G & E	-5,811.86
05/04/2021	Pd Online	Verizon Wireless	-189.97
05/04/2021	Pd Online	Valero Fleet	-1,041.66
05/04/2021	Pd Online	First Bankcard	-2,352.52
05/05/2021	E-pay	Employment Development Dept	-702.84
05/05/2021	E-pay	United States Treasury (EFTPS)	-3,913.98
05/05/2021	EFT	CalPERS	-4,236.27
05/06/2021	EFT	QuickBooks Payroll Service	-6,108.60
05/07/2021	DD1651	Coombes (P), Louise P	0.00
05/07/2021	18248	DeAlba (P), David	-2,759.72
05/07/2021	DD1652	Giron (P), Ester	0.00
05/07/2021	DD1653	Johnson (P), Robert L	0.00
05/07/2021	18249	Smith (P), Shaun	-1,377.69
05/07/2021	DD1650	Bowman (P), Naomi	0.00
05/07/2021	EFT	CalPERS	-2,500.70
05/07/2021	EFT	CalPERS	-825.84

05/20/21

Aromas Water District
Monthly Expenditures
April 20 through May 18, 2021

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Amount</u>
05/18/2021	18250	ACE Hardware Prunedale	-172.52
05/18/2021	18251	ACWA JPIA, Emp. Ben. Prog.	-5,929.54
05/18/2021	18252	ADT Security Services, Inc.	-388.26
05/18/2021	18253	Central Electric	-41.60
05/18/2021	18254	ConnectXtreme	-120.00
05/18/2021	18255	Fedak & Brown LLP	-165.00
05/18/2021	18256	Monterey Bay Analytical Services Inc	-154.00
05/18/2021	18257	Recology San Benito County	-55.59
05/18/2021	18258	Robert E. Bosso	-1,300.00
05/18/2021	18259	Softline Data, Inc.	-1,371.00
05/18/2021	18260	USPO	-322.00
05/18/2021	18261	Xerox Corp	-12.35
Total UB Checking			-141,869.79
TOTAL			<u><u>-141,869.79</u></u>