
ALPINE SPRINGS COUNTY WATER DISTRICT

Directors: Janet S. Grant, Janice Ganong, Evan Salke, Dave Smelser, Christine York

General Manager: Joe Mueller

PUBLIC NOTICE

Regular Meeting of the Board of Directors Alpine Springs County Water District

Date: Friday, March 12th, 2021
Location: District Office, Board Room
270 Alpine Meadows Road
Alpine Meadows, CA 96146
Time: 9:00 a.m.

AGENDA

NOTE: THE DISTRICT BOARD OF DIRECTORS MAY TAKE FORMAL ACTION ON ANY OF THE AGENDA ITEMS SHOWN BELOW. AGENDA ITEMS MAY OR MAY NOT BE TAKEN IN THE SEQUENCE PRESENTED BELOW.

NOTE: IF YOU NEED A DISABILITY-RELATED MODIFICATION OR ACCOMMODATION, INCLUDING AUXILIARY AIDS OR SERVICES, TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT THE DISTRICT OFFICE AT THE TELEPHONE NUMBER AND ADDRESS LISTED BELOW PRIOR TO THE MEETING.

Pursuant to the Governor's Executive Order N-29-20, issued March 17, 2020, the Alpine Springs County Water District Board Room will not be accessible to the public for this meeting. The meeting will be accessible via ZOOM only. Public comments will be accepted by the board and should be submitted to the Board Secretary at info@alpinesprings.org; by mail or in person (drop box) 270 Alpine Meadows Rd., Alpine Meadows, by Monday, March 8th, 2021 at 9:00 a.m. and via ZOOM on any item on the agenda until the close of public comment on the item.

ZOOM LINK: At the specified time, 9:00 a.m., connect to the **ZOOM Mtg. ID: 967 8730 8184**; **passcode: 420192**. Please mute yourself unless you are speaking. Times listed are approximate.

A. CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL

B. PUBLIC COMMENT

It is the policy of the Alpine Springs County Water District to give the public the opportunity to address any item of interest, which is relevant to the District's activities. The public may speak on any agenda item at this time or after the Board has discussed the item, but prior to a vote. No action can be taken on items addressed under Public Comment that are not on the agenda. Individual public participation will be limited to five minutes in duration.

ALPINE SPRINGS COUNTY WATER DISTRICT

Directors: Janet S. Grant, Janice Ganong, Evan Salke, Dave Smelser, Christine York

General Manager: Joe Mueller

C. APPROVAL OF MINUTES

C1) FEBRUARY MINUTES

The Board shall review and vote to approve the minutes of the Regular Board meeting of February 12th, 2021.

D. DEPARTMENT REPORTS

D1) FINANCIAL REPORT

Mike Dobrowski, CPA, shall discuss the February 2021 monthly financial statements highlighting outstanding issues. The Chair of the Budget & Finance Committee shall comment on the Committee's review of the month-end statements. The Board shall vote to accept the month-end financial statements and to approve the month's expenditures.

D2) FIRE DEPARTMENT REPORT

Chief Leighton, or his designee, shall report on the activities of North Tahoe Fire Protection District, with special regard to those which impact Alpine Meadows, including February 2021 dispatch report and the staffing of the Alpine Meadows Fire Station 56.

D3) GENERAL MANAGER'S REPORT

Joe Mueller, the General Manager, shall report on his activities during the month of February 2021.

D4) OPERATION & MAINTENANCE DEPARTMENT REPORT

The Operations Staff shall report on issues regarding water, sewer, parks, garbage, and other services provided by the District. Staff shall comment on and answer questions regarding the February 2021 Water/Sewer Report.

D5) TTSA REPORT

Representative David Smelser, shall report on TTSA activities that impact Alpine Meadows, including the TTSA Board meetings. Meeting held on February 17th, 2021.

E. BUSINESS ITEMS FOR BOARD DISCUSSION & ACTION

E1) CSDA UPDATE AND REQUEST FOR SUPPORT LETTER FOR AB 361

Representative Dane Wadle field coordinator from CSDA will give a brief presentation regarding AB 361 which would allow districts to conduct remote/virtual meetings after the pandemic in the cases when there is a local emergency. CSDA would like to ask the Board to approve a support position and submit a letter to your state representatives.

E2) DRAFT STANTEC REPORT ON FIRE FLOW ALTERNATIVES ANALYSIS

Discuss and provide feedback on the Draft Stantec Fire Flow Alternatives Analysis report. Provide direction to staff on outlined options and/or additional data request.

E3) POLICY NUMBER: 6.1.0 PARK POLICY AND POLICY NUMBER 6.2.0 PARK USE AND FEES UPDATES

Consider for approval updates to the District Park Policy and Park Use and Fees.

E4) SDRMA / CSDA 2021 NOMINATION

ALPINE SPRINGS COUNTY WATER DISTRICT

Directors: Janet S. Grant, Janice Ganong, Evan Salke, Dave Smelser, Christine York

General Manager: Joe Mueller

Provide an update to the Board on the possibility of the District General Manager running for an open seat on the SDRMA or CSDA board.

F. COMMITTEE REPORTS

F1) BUDGET & FINANCE COMMITTEE (PRESIDENT GRANT) met March 11th, 2021.

- Discuss, if necessary, non-standard transactions
- Discuss monthly financial reports, status of investments/cash and vote to approve, if necessary, new investments.
- Review discuss and vote to approve, where necessary, requests from customers for adjustments to their bills.
- Review discuss and vote to approve, where necessary, requests for unbudgeted expenses.

F2) PARK, RECREATION & GREENBELT COMMITTEE (DIRECTOR YORK)

Met March 4th, 2021 and discussed upcoming events, park fees and policies.

F3) LONG RANGE PLANNING COMMITTEE (DIRECTOR SMELSER)

Met March 9th, 2021 and discussed Stantec Fire Flow analysis

F4) ADMINISTRATION & PERSONNEL COMMITTEE (DIRECTOR GANONG)

No meeting

G. OPEN ITEMS

The Board shall review the status of outstanding action items from prior Board meetings.

H. CORRESPONDENCE TO THE BOARD

All correspondence to the Board received at the District Office more than 72 hours before the scheduled Board meeting shall be discussed at the meeting. The Board may dispense with any item immediately, direct investigation of any item to a Board or ad-hoc Committee and/or table any item until the next regularly scheduled Board meeting.

I. CLOSED SESSION

NONE

J. DIRECTORS' COMMENTS

In accordance with Government Code Section 54954.2(a), Directors may make brief announcements or brief reports on their own activities. They may ask questions for clarification, make a referral to staff or take action to have staff place a matter of business on a future agenda.

K. ADJOURNMENT

The Board of Directors of Alpine Springs County Water District, as a general rule, would like to complete its regular meetings within four hours. If it appears that the meeting will extend beyond four hours, the Board

ALPINE SPRINGS COUNTY WATER DISTRICT

Directors: Janet S. Grant, Janice Ganong, Evan Salke, Dave Smelser, Christine York

General Manager: Joe Mueller

President shall poll the Directors as to their wishes on finishing Board business. A majority of the Directors shall decide whether to complete all items on the agenda at this meeting, postpone the meeting or move remaining agenda items to the next regularly scheduled meeting.

Next regularly scheduled Board meeting – Friday April 9th, 2021, at 9:00 a.m.

I certify that on or before Tuesday, March 9th, 2021 at 9:00 a.m., I personally posted and forwarded agendas as requested.

Pam Zinn

Pam Zinn, Office Manager.

Exhibit C1

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**ALPINE SPRINGS COUNTY WATER DISTRICT
MINUTES OF THE REGULAR BOARD OF DIRECTORS MEETING
February 12, 2021**

Pursuant to the Governor's Executive Order N-29-20, issued March 17, 2020, the Alpine Springs County Water District Board Room was not accessible to the public for this Board meeting. The meeting was accessible via Zoom. Public comments were accepted by the Board on the call or via mail.

A. CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL

President Grant called the meeting to order at 9:03 AM via Zoom.

Directors Present: Janet S. Grant, President; Dave Smelser, Christine York, and Janice Ganong. Evan Salke joined the call at 9:30 AM

Directors Absent: None

Staff Present: General Manager Joseph Mueller, O&M Supervisor Miguel Ramirez, Office Manager Pam Zinn, District CPA Mike Dobrowski, and Recording Secretary Judy Friedman

Guests attending via teleconference included Vera Kis, Ron Ley, John Mecklenburg, and Liz Zang, and from NTFPD Chief Steve Leighton and Steve McNamara. There may have been others on the call who did not identify themselves.

B. PUBLIC COMMENT

There were no comments on items not on today's agenda.

C. APPROVAL OF MINUTES

C1) JANUARY MINUTES

It was moved by Smelser and seconded by York to approve the minutes of the January 8, 2021 Regular Board meeting as amended. Motion carried unanimously.

D. DEPARTMENT REPORTS

D1) FINANCIAL REPORT

District CPA Mike Dobrowski presented the financial reports as of January 31, 2021. He anticipates sending out more delinquent notices than in previous years.

It was moved by Ganong and seconded by Smelser to approve the financial statements as of January 31, 2021. Motion carried unanimously.

It was moved by Ganong and seconded by Smelser to approve payment of payroll, checks #31719 – 31763, and electronic fund transfers. Motion carried unanimously.

D2) FIRE DEPARTMENT REPORT

Chief Leighton reported:

- Staffing changes and staff that has helped at the hospital with COVID related issues
- Federal grant applications have been submitted for equipment and staffing
- Over 93% of NTFPD staff has received their COVID vaccines and many have received the second dose
- The District responded to 237 calls in January. Twenty-six were in Alpine Meadows, of which 19 were from the ski area
- Station 56 is fully staffed on a daily basis

1
2 Chief McNamara reported:

- 3 • The permit application and review process is being streamlined. There is now software to track
4 how many plan reviews, pre-development reviews, Short Term Rental inspections, and defensible
5 space inspections are conducted
6

7 **a) Information only presentation by Ramon Manzano, NTFPD Inspector for short term**
8 **rentals in Placer County**

9 McNamara described how NTFPD conducts Short Term Rental inspections, which are required to comply
10 with Placer and El Dorado County's ordinances. He answered questions about the ordinances and how the
11 County's identify short term rentals through property management companies, online advertising, and TOT
12 certificates.
13

14 **D3) GENERAL MANAGER'S REPORT**

15 Mueller presented the January 2021 report, which was included in the meeting packets.
16

17 Ganong noted delays from Stantec in getting the Fire Flow Analysis for Juniper Mountain and asked if there
18 are other firms available to do the report. Mueller said the contract for this project has already been awarded.
19 He expects to have the report by February 19 in order for it to be included in the Placer County Water
20 Agency grant request.
21

22 In response from a question, Mueller said Stantec is not under contract to provide information for the White
23 Wolf project. In fact, White Wolf developers have chosen not to move forward with an evaluation from
24 Stantec. If ASCWD determines it does not have the resources to provide water, White Wolf's next step
25 would be to consider drilling a well. There are requirements to be met since the valley shares a water source,
26 but the process would go through Placer County. Determining where the water supply would come from is
27 part of the EIR. The first step is for the developer to determine the demands for day-to-day water use,
28 irrigation, and fire suppression. The second step is determination of the infrastructure needed.
29

30 **D4) OPERATION & MAINTENANCE DEPARTMENT REPORT**

31 O&M Supervisor Miguel Ramirez presented the Water/Waste Water Report for January 2021, including
32 water production and sewer flows. Maintenance included addressing a water leak with Longo. Ramirez said
33 there are 41 additional homeowner leaks.
34

35 **D5) TTSA REPORT**

36 Smelser presented the written report of the January 20, 2021 TTSA Board meeting. Salke noted a letter from
37 Carl Davis. He asked if partner agency Board members can do anything to help address TTSA concerns
38 cited. Smelser said the TTSA Board continues to be apprised of staffing concerns. Mueller added the TTSA
39 issues Davis refers to are personnel issues that its Board addresses in Closed Session. It is not appropriate for
40 this Board to weigh in. The Davis letter was distributed for information only.
41

42 **E. BUSINESS ITEMS FOR BOARD DISCUSSION & ACTION**

43 **E1) FINANCIAL AUDIT FOR THE FISCAL YEAR 2019/2020**

44 Vera Kis and Ron Ley from Damore Hamric & Schneider presented the results of the audit for FY 2020 and
45 2019. They answered questions including clarification of park allocations, the various District funds, and
46 how this information can be used for future budgeting decisions, including funding OPEB post-retirement
47 benefits.
48

1 **It was moved by York and seconded by Smelser to accept the audit for FY 2020 and 2019 as presented.**
2 **Motion carried unanimously.**

3
4 **E2) ADOPT AN EMPLOYEE PUBLICLY APPROVED PAY SCHEDULE**

5 **It was moved by Ganong and seconded by Salke to adopt the Alpine Springs County Water District**
6 **hourly salary schedule as presented. Motion carried unanimously.**

7
8 **E3) DISCUSS PARK, REC AND GREENBELT COMMITTEE**

- 9 a) **Discuss for approval the committees selected community members from interested**
10 **applicants.**

11 Mueller presented the staff report regarding adding community members to the Park, Rec, and Greenbelt
12 Committee. There are four open positions.

- 13
14 b) **Discuss expanding the Park, Rec, and Greenbelt Committee's focus to include**
15 **defensible space on district owned properties.**

16 York reported she and Ganong have heard from eight very qualified community members wanting to join the
17 expanded Committee. She and Ganong considered the Fire Safe Council's request to have an officially
18 designated position on the Committee. They recommend maintaining the current ASCWD Policy 6.6.0 of the
19 Greenbelt Committee. The ASCWD Committee will continue to manage the District's greenbelt lands and
20 the park.

21
22 Discussion followed. There was agreement that the Fire Safe Council should remain a separate committee,
23 but communication between the two should continue. Defensible space is not the main driver of the
24 Greenbelt Committee, although it is taken very seriously. The District partners with NTFPD to address the
25 issue continually on District property. It was agreed that a member of FSC would be invited to Greenbelt
26 Committee meetings.

27
28 The Board agreed to the recommendation to add Justin Reis, Michael Cadre, Felicia Cole, and Ursula
29 Hirsbrunner to the Greenbelt Committee.

30
31 **E4) SDRMA 2021 NOMINATION PACKET CHECKLIST AND GUIDELINES**

32 **E5) CSDA BOARD OF DIRECTORS CALL FOR NOMINATIONS SEAT A**

33 At the next meeting, Mueller will advise the Board if he is interested in joining either or both of these
34 Boards.

35
36 **E6) PCLAFCO CALL FOR NOMINATIONS FOR SPECIAL DISTRICT REP**

37 No candidates were brought forward. During public comment, Friedman said TCPUD may have a candidate
38 for the vacant seat. There are many Tahoe issues that may come up in the next few years and it would be
39 good to have local representation.

40
41 **F. COMMITTEE REPORTS**

42 **F1) BUDGET & FINANCE COMMITTEE (PRESIDENT GRANT) met February 11th, 2021.**

43 Grant presented the report of the Committee's meeting on February 11, 2021. The District's credit card
44 application has not yet been approved. Zinn is paying for the Zoom account in the meantime.

45
46 **It was moved by Salke and seconded by Smelser to approve reimbursement of the unbudgeted expense**
47 **of \$14.99 to Pam Zinn for the Zoom account.**
48

1 Public comment was opened. Liz Zang asked for clarification on how overhead is allocated, particularly for
2 the Park. Mueller agreed to keep logs on how staff spends time for the next several months.

3
4 **F2) PARK, RECREATION & GREENBELT COMMITTEE (DIRECTOR YORK)**

5 See Item E3.

6
7 **F3) LONG RANGE PLANNING COMMITTEE (DIRECTOR SMELSER)**

8 This Committee did not meet.

9
10 **F4) ADMINISTRATION & PERSONNEL COMMITTEE (DIRECTOR GANONG)**

11 This Committee did not meet.

12
13 **G. OPEN ITEMS**

14 No additional items were brought forward.

15
16 **H. CORRESPONDENCE TO THE BOARD**

17 All correspondence was reviewed.

18
19 **I. CLOSED SESSION**

20 Closed Session was not convened.

21
22 **J. DIRECTORS' COMMENTS**

23 Board members appreciated Mueller's reports, including the level of detail and recommendations.

24
25 Salke asked Mueller to investigate appropriate internet service for the District. Salke asked the Park,
26 Recreation, and Greenbelt Committee to consider having a monitor at the Park gate. He asked if a par-course
27 type of amenity might be appropriate at the Park.

28
29 **K. ADJOURNMENT**

30 There being no further business to come before the Board, the meeting was adjourned at 11:50 AM. The next
31 regularly scheduled Board meeting is Friday March 12, 2021 at 9:00 AM.

32
33 Respectfully Submitted,

34 Judy Friedman

35 Recording Secretary

36 THE PAPER TRAIL SECRETARIAL & BUSINESS SOLUTIONS
37

Exhibit D1

Subject: *February 2021 Month End Review*

For: *Alpine Springs County Water District*

To: *The Board of Directors*

Prepared by: *Michael J. Dobrowski, CPA 03/06/21*

On a year to date basis our net income was \$94,265 more than the prior fiscal year. Current month total expenses were \$103,830 which was over budget by \$11,695. Our year to date net income was \$146,239 favorable to budget.

Our cash position has decreased by \$8,490 from the prior fiscal year and has decreased by \$409,355 from the prior month. Accounts receivable are \$14,941 higher than the prior year.

Reports Included: Profit and Loss Previous Year Comparison (Condensed)
Profit and Loss Budget Performance
Balance Sheet Previous Year and Month Comparison
Cash Flow Year to Date
Check Register for Current Month
Subsequent Payments Listing
Quarterly Balanced Fund and P&L Reports (Sept, Dec, Mar, June)

Procedures Performed: Made monthly depreciation entry.
Reconciled Bank Accounts to last available statement.
Payroll entries completed.
Prepaid account adjusted to actual.
Leave accrual adjusted on statements.
Made Wells Fargo Investment entry.
County A/R adjustment.
Accrued items to budget.

Outstanding Information: Placer County & Bank of the West Account – Prior Month statement.

Cash reserved for Capital – **\$0 + \$143,115= \$143,115**

Prior Year + (10% of annual revenues (\$1,677,088-245,942) less Garbage)

Cash available for operations – **\$502,294**

(Remaining balance \$645,599-143,305)

Work in Progress Accounts

	Current Year	Total
Tank 4 & 4a Replacement	80,551	1,669,695
Forest Service Use Permit	0	5,118
AME Well Design	0	19,067
Updating Hydraulic Model / Fire Flow	16,997	16,997
Sewer Easement	<u>0</u>	<u>11,300</u>
Total	\$ 97,548	\$1,722,177

Accounts Payable

NTFPD Contract	<u>\$ 0.00</u>
Total	\$ 0.00

Sick and General Leave

COVID Sick leave	0.00 Hrs.	
Sick leave Hours	217.27 Hrs.	
General leave Hours and Dollars	574.30 Hrs.	\$ 20,499.56

Prepays

Sun Life Dental (5103&04) (68.77+212.89) 1 month	\$ 281.66
Garbage Contract (5404.02) 1 Mo. @ \$11,674.72	\$ 11,674.72
Healthplan Services (51031&41) (134.78+108.79) 0 month	\$ 0.00
SDRMA Insurance (5120.00) 4 months @ 3,057.77	\$ 12,231.03
CALPERS (51031&41) (800.74+3,202.94) 0 month	\$ 0.00
Security Lock & Alarm (5231.00) 0 months @ 32.50	\$ 0.00
Sierra Office Solutions (5232.00) 0 month @ 156.72	\$ 0.00
Principal Life (5103&04) (25.80+51.60) 0 month	\$ 0.00
SDRMA (5120.00) Worker's Comp 4 months @ 664.85	<u>\$ 2,659.35</u>
Total	\$ 26,846.76

Stale-Dated Checks

<u>Date</u>	<u>Check #</u>	<u>Amount</u>	<u>Vendor</u>
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Last disbursement issued from prior month

<u>Date</u>	<u>Check or EFT #</u>	<u>Amount</u>	<u>Vendor</u>
02/03/21	EFT020321	701.62	CalPERS

Benefits Breakdown (YTD)

Health & Life Ins. (Active)	\$33,847.08
Health & Life Ins. (Retired)	11,271.52
Pension (Employee 6.75%)	10,449.40 (Employer 7.732% Effective 07/01/20)
Payroll Taxes	5,419.08
Health plan co-ins.	<u>4,222.61</u>
Total	\$ 65,209.69

Alpine Springs County Water District
Profit & Loss Prev Year Comparison
July 2020 through February 2021

	<u>Jul '20 - Feb 21</u>	<u>Jul '19 - Feb 20</u>	<u>\$ Change</u>
Ordinary Income/Expense			
Income			
Water Revenue	611,069	588,056	23,013
Connection Fees	27,166	12,607	14,559
Sewer Revenue	296,261	279,831	16,430
Garbage Revenue	245,942	240,752	5,190
Park Revenue	13,862	9,504	4,358
Fire Mitigation Fees	8,401	5,951	2,450
Fire Fuel Management Fees	24,124	23,421	703
Property Tax Revenue	419,046	397,553	21,493
Other Revenue	31,218	21,774	9,443
Total Income	<u>1,677,088</u>	<u>1,579,449</u>	<u>97,639</u>
Gross Profit	1,677,088	1,579,449	97,639
Expense			
Salaries and Wages - Admin	50,639	34,162	16,477
Salaries and Wages - O&M	140,310	144,951	(4,641)
Benefits - Office	12,719	10,455	2,264
Benefits - O&M	48,268	48,428	(160)
Health Plan Co-Insurance	4,223	3,110	1,113
Directors' Fees	6,225	5,250	975
Insurance - Administration	30,378	26,970	3,408
Park Expenditures	14,034	5,398	8,635
Parts/Tools/Misc. Equip	9,480	14,396	(4,916)
Postage and Delivery	2,738	3,754	(1,016)
Cleaning	1,545	2,715	(1,170)
Newsletter and Printing	1,318	3,534	(2,216)
Office Expense	11,349	8,790	2,559
Dues and Subscriptions	8,423	8,095	328
Bank and Collection Fees	1,792	1,704	87
Analytical Testing	1,154	2,038	(884)
Accounting Fees	41,622	40,401	1,221
Audit	18,450	2,546	15,904
Legal Fees	5,489	1,485	4,004
Consultants-Management	69,870	91,248	(21,378)
Consultants-Misc.	6,827	3,072	3,755

Alpine Springs County Water District
Profit & Loss Prev Year Comparison
 July 2020 through February 2021

	<u>Jul '20 - Feb 21</u>	<u>Jul '19 - Feb 20</u>	<u>\$ Change</u>
NTFD Contract	347,553	326,382	21,171
Fire Fuel Management Fee	9,554	10,778	(1,224)
Building Maintenance	11,709	6,998	4,711
Equipment Maintenance - Admin	4,868	5,543	(675)
Vehicle Maintenance and Rep.	7,965	1,848	6,117
Maintenance Water and Sewer	59,688	155,351	(95,663)
Gas and Electric - Admin	25,082	16,561	8,521
SCADA System	16,052	22,519	(6,467)
Travel and Entertainment	422	101	321
Education Staff/Board	0	650	(650)
Uniforms	3,239	2,415	824
ASCWD Fuel	1,820	3,823	(2,002)
Telephone - Administration	11,490	5,328	6,162
Government Mandates	14,673	12,952	1,721
Garbage Services	93,398	92,045	1,353
Depreciation Expense	142,232	125,640	16,592
Miscellaneous - O&M	1,665	1,020	645
Total Expense	<u>1,238,261</u>	<u>1,252,454</u>	<u>(14,193)</u>
Net Ordinary Income	438,827	326,995	111,832
Other Income/Expense			
Other Income			
Interest Revenue	1,944	19,511	(17,566)
Total Other Income	<u>1,944</u>	<u>19,511</u>	<u>(17,566)</u>
Net Other Income	<u>1,944</u>	<u>19,511</u>	<u>(17,566)</u>
Net Income	<u><u>440,771</u></u>	<u><u>346,506</u></u>	<u><u>94,265</u></u>

Alpine Springs County Water District
Profit & Loss Budget Performance 2020/2021
February 2021

	Feb 21	Budget	Jul '20 - Feb 21	YTD Budget	Annual Budget
Ordinary Income/Expense					
Income					
Water Revenue	0	0	611,069	601,337	699,862
Connection Fees	0	1,051	27,166	8,405	12,607
Sewer Revenue	0	0	296,261	291,778	291,778
Garbage Revenue	0	0	245,942	249,686	249,686
Park Revenue	-25	0	13,862	15,260	30,520
Fire Mitigation Fees	0	792	8,401	6,336	9,500
Fire Fuel Management Fees	0	0	24,124	23,798	23,798
Property Tax Revenue	0	0	419,046	442,227	737,045
Other Revenue	0	2,362	31,218	18,902	28,350
Total Income	-25	4,205	1,677,088	1,657,729	2,083,146
Gross Profit	-25	4,205	1,677,088	1,657,729	2,083,146
Expense					
Salaries and Wages - Admin	13,567	4,361	50,639	37,067	56,698
Salaries and Wages - O&M	14,192	15,321	140,310	140,864	215,599
Benefits - Office	2,130	1,460	12,719	12,411	18,985
Benefits - O&M	6,052	6,444	48,268	54,773	83,767
Health Plan Co-Insurance	0	583	4,223	4,664	7,000
Directors' Fees	750	720	6,225	5,760	8,650
Insurance - Administration	3,723	3,988	30,378	31,902	47,870
Park Expenditures	0	0	14,034	14,830	20,795
Parts/Tools/Misc. Equip	1,050	0	9,480	13,975	21,020
Postage and Delivery	263	133	2,738	3,901	7,115
Cleaning	0	251	1,545	3,172	5,000
Newsletter and Printing	0	0	1,318	2,360	3,720
Office Expense	691	1,196	11,349	10,567	16,795
Dues and Subscriptions	247	217	8,423	7,816	9,101
Bank and Collection Fees	14	75	1,792	600	1,150
Analytical Testing	60	192	1,154	2,761	3,525
Accounting Fees	5,242	5,205	41,622	41,642	62,482
Audit	18,450	0	18,450	18,800	18,800
Legal Fees	3,485	834	5,489	6,672	10,000
Consultants-Management	0	11,788	69,870	94,303	141,458
Consultants-Misc.	408	271	6,827	3,366	4,435
NTFD Contract	0	0	347,553	353,782	589,636
Fire Fuel Management Fee	0	0	9,554	14,280	23,798
OPEB Trust - Annual Funding	0	0	0	0	30,000
Building Maintenance	629	1,008	11,709	17,225	20,150
Equipment Maintenance - Admin	934	653	4,868	4,874	6,780
Vehicle Maintenance and Rep.	424	376	7,965	3,832	5,600
Maintenance Water and Sewer	0	868	59,688	141,934	147,050
Gas and Electric - Admin	448	4,181	25,082	35,650	52,400

Alpine Springs County Water District
Profit & Loss Budget Performance 2020/2021
 February 2021

	Feb 21	Budget	Jul '20 - Feb 21	YTD Budget	Annual Budget
SCADA System	0	200	16,052	21,250	22,050
Travel and Entertainment	86	25	422	200	300
Education Staff/Board	0	292	0	2,336	3,500
Uniforms	326	292	3,239	2,636	3,800
ASCWD Fuel	0	796	1,820	3,712	5,300
Telephone - Administration	976	813	11,490	6,503	9,750
Government Mandates	160	13	14,673	15,965	21,015
Garbage Services	11,675	11,800	93,398	94,400	141,597
Depreciation Expense	17,779	17,779	142,232	142,232	213,345
Miscellaneous - O&M	71	0	1,665	4,700	4,700
Total Expense	103,830	92,135	1,238,261	1,377,717	2,064,736
Net Ordinary Income	-103,855	-87,930	438,827	280,012	18,410
Other Income/Expense					
Other Income					
Interest Revenue	-1	1,815	1,944	14,520	21,800
Total Other Income	-1	1,815	1,944	14,520	21,800
Net Other Income	-1	1,815	1,944	14,520	21,800
Net Income	-103,855	-86,115	440,771	294,532	40,210

Alpine Springs County Water District
Balance Sheet Previous Year & Month Comparison
As of February 28, 2021

	<u>Feb 28, 21</u>	<u>Jan 31, 21</u>	<u>\$ Change</u>	<u>Feb 29, 20</u>	<u>\$ Change</u>
ASSETS					
Current Assets					
Checking/Savings					
Petty Cash	185	185	0	178	6
Bank of the West	99,949	509,303	(409,354)	38,866	61,083
Placer County - Interest App.	353,898	353,898	0	32,882	321,016
Wells Fargo Advisors	18,592	18,593	(1)	362,392	(343,799)
LAIF Accounts	172,976	172,976	0	189,369	(16,393)
OPEB (CERBT) Prefunding	0	0	0	30,402	(30,402)
Total Checking/Savings	<u>645,599</u>	<u>1,054,954</u>	<u>(409,355)</u>	<u>654,090</u>	<u>(8,490)</u>
Accounts Receivable					
Accounts Receivable	29,089	33,577	(4,487)	14,148	14,941
Total Accounts Receivable	<u>29,089</u>	<u>33,577</u>	<u>(4,487)</u>	<u>14,148</u>	<u>14,941</u>
Other Current Assets					
Placer - Agency Taxes 390-770	60	60	0	0	60
Interfund Receivable - Enterp	0	0	0	0	0
Prepaid Expenses	26,847	42,244	(15,397)	23,735	3,112
Deferred Pension Outflows	35,652	35,652	0	33,411	2,241
Deferred OPEB Outflows	2,694	2,694	0	0	2,694
Total Other Current Assets	<u>65,253</u>	<u>80,650</u>	<u>(15,397)</u>	<u>57,146</u>	<u>8,107</u>
Total Current Assets	<u>739,941</u>	<u>1,169,181</u>	<u>(429,240)</u>	<u>725,383</u>	<u>14,558</u>
Fixed Assets					
Land	360,436	360,436	0	360,436	0
Firehouse	376,338	376,338	0	376,338	0
Firehouse Vehicles & Equipment	343,336	343,336	0	343,336	0
Park	403,391	403,391	0	407,334	(3,943)
Park Improvements Depreciable	19,633	19,633	0	15,690	3,943
Land Improvements	129,444	129,444	0	129,444	0
Alpine Springs Interceptor	58,095	58,095	0	58,095	0
Water System	4,678,719	4,678,719	0	4,678,719	0
SCADA System	146,548	146,548	0	146,548	0
Sewer System	1,022,026	1,022,026	0	1,022,026	0
Building Improvements	357,090	357,090	0	357,090	0
Office Equipment	81,011	81,011	0	81,011	0
Vehicles	128,749	128,749	0	128,749	0
Maintenance Equipment	131,068	131,068	0	131,068	0
Truckee River Interceptor	358,524	358,524	0	358,524	0
Inflow and Infiltration	26,031	26,031	0	26,031	0

Alpine Springs County Water District
Balance Sheet Previous Year & Month Comparison
As of February 28, 2021

	Feb 28, 21	Jan 31, 21	\$ Change	Feb 29, 20	\$ Change
Work in Progress	1,722,177	1,710,356	11,821	1,537,355	184,822
Accumulated Depreciation	(4,851,174)	(4,833,395)	(17,779)	(4,621,459)	(229,715)
Total Fixed Assets	5,491,443	5,497,401	(5,958)	5,536,336	(44,893)
Other Assets					
Land Usage and Easement Right	12,318	12,318	0	12,318	0
Total Other Assets	12,318	12,318	0	12,318	0
TOTAL ASSETS	<u>6,243,702</u>	<u>6,678,899</u>	<u>(435,197)</u>	<u>6,274,037</u>	<u>(30,335)</u>
LIABILITIES & EQUITY					
Liabilities					
Current Liabilities					
Accounts Payable					
Accounts Payable	0	332,110	(332,110)	326,382	(326,382)
Total Accounts Payable	0	332,110	(332,110)	326,382	(326,382)
Other Current Liabilities					
Retention Payable	65,159	65,159	0	0	65,159
OPEB Liability	389,109	389,109	0	374,512	14,597
Accrued Payroll & Payroll Tax	0	0	0	432	(432)
Accrued vacation payable	20,500	19,732	768	10,753	9,747
Deferred Pension Inflows	1,234	1,234	0	2,684	(1,450)
Deferred OPEB Inflows	69,965	69,965	0	103,969	(34,004)
Net Pension Liabilities	8,482	8,482	0	2,372	6,110
Total Other Current Liabilities	554,448	553,680	768	494,722	59,726
Total Current Liabilities	554,448	885,790	(331,342)	821,104	(266,656)
Total Liabilities	554,448	885,790	(331,342)	821,104	(266,656)
Equity					
Retained Earnings	142,060	142,060	0	0	142,060
Retained Earnings - Garbage	378,687	378,687	0	390,340	(11,653)
Retained Earnings - Park	(213,774)	(213,774)	0	(196,650)	(17,124)
Retained Earnings - Sewer	1,129,309	1,129,309	0	1,122,262	7,047
Retained Earnings - Water	(2,258,798)	(2,258,798)	0	(1,150,543)	(1,108,255)
Fund balance Undesignated	352,739	352,739	0	343,325	9,414
Investment in plant & equip	5,570,990	5,570,990	0	4,450,424	1,120,566
Design. for Cap. Outlay	147,269	147,269	0	147,269	0
Net Income	440,771	544,627	(103,855)	346,506	94,265
Total Equity	5,689,254	5,793,109	(103,855)	5,452,934	236,321
TOTAL LIABILITIES & EQUITY	<u>6,243,702</u>	<u>6,678,899</u>	<u>(435,197)</u>	<u>6,274,037</u>	<u>(30,335)</u>

Alpine Springs County Water District
Statement of Cash Flows
July 2020 through February 2021

	<u>Jul '20 - Feb ...</u>
OPERATING ACTIVITIES	
Net Income	440,771
Adjustments to reconcile Net Income to net cash provided by operations:	
1150.00 · Accounts Receivable - 05 Fund	66,293
1240.00 · Interfund Receivable:1240.03 · Due from (to) Interfund - 03	5,858
1240.00 · Interfund Receivable:1240.06 · Due from (to) Interfund - 06	(5,858)
1550.00 · Prepaid Expenses	18,578
1600.05 · County Collection Accts	17,926
1041.00 Placer Co - Taxes 770	(60)
1041.00 Placer Co - Taxes 770:1041.06 Placer Co-Agency Taxes	39,055
1850.00 · Accumulate Depreciation:1850.02 · Accumulated Deprec...	5,904
1850.00 · Accumulate Depreciation:1850.03 · Accumulated Deprec...	5,904
1850.00 · Accumulate Depreciation:1850.04 · Accumulated Deprec...	17,752
1850.00 · Accumulate Depreciation:1850.05 · Accumulated Deprec...	103,544
2010.00 · Accounts Payable - 06 Fund	(36,688)
2010.00 · Accounts Payable - 06 Fund:2010.06 · Accounts Payable...	(252,641)
2075.00 · Accrued Vacation Pay - 05 Fund	7,155
2010.05 · Accounts Payable - 05	(19,067)
Net cash provided by Operating Activities	414,426
INVESTING ACTIVITIES	
1725.00 · Park:1725.03 · Park Assets	3,943
1726.03 · Park Improvements Depreciable	(3,943)
1830.05 · Work in Progress:1835.05 · Tank 4 & 4A Replacement - 05	(80,551)
1830.05 · Work in Progress:1840.05 · Fire Flow Improvements	(16,997)
1850.00 · Accumulate Depreciation:1850.06 · Accumulated Deprec. ...	9,128
Net cash provided by Investing Activities	(88,420)
Net cash increase for period	326,006
Cash at beginning of period	319,593
Cash at end of period	645,599

Alpine Springs County Water District
Check Register for Current Month

February 4 - 28, 2021

Date	Num	Name	Memo	Amount	Balance
02/10/2021	31764	John King {2}	Park Card Refund (Replacement for Ch...	-25.00	-25.00
02/15/2021	31765 *	AmeriGen Power Solutions	Invoice #01-9035	-509.57	-534.57
02/15/2021	31766 *	Aramark	Customer #6728877	-163.02	-697.59
02/15/2021	31767 *	AT&T	Account #530 583 2342 637 3	-465.37	-1,162.96
02/15/2021	31768 *	AT&T	Account #530 583 2320 189 1	-220.16	-1,383.12
02/15/2021	31769	Best Best & Krieger LLP	Invoice 895852	-3,485.00	-4,868.12
02/15/2021	31770	Damore, Hamric & Schneider, Inc.	Client ID: 0501203 001 (FY End 2020)	-18,450.00	-23,318.12
02/15/2021	31771 *	FedEx	Acct #1834-0409-1	-170.57	-23,488.69
02/15/2021	31772 *	Intrado Enterprise Collaboration, Inc.	Account #330049 Invoice #1744813739	-80.02	-23,568.71
02/15/2021	31773 *	Liberty Utilities	Account 88509407-88105912 (Jan 2021)	-344.29	-23,913.00
02/15/2021	31774 *	Longo Inc.	Invoice 9474	-802.81	-24,715.81
02/15/2021	31775 *	Principal Life	Account #1113469-10001	-77.40	-24,793.21
02/15/2021	31776 *	Professional Communications Messaging	Invoice #19307202012021	-42.40	-24,835.61
02/15/2021	31777 *	Sierra Office Solutions	Customer #AS32:900020 (01/28/21-02/...	-179.95	-25,015.56
02/15/2021	31778	Stantec Consulting Services, Inc.	Customer #84664	-6,939.50	-31,955.06
02/15/2021	31779 *	Sun Life Financial	Policy #906384 Dental	-281.66	-32,236.72
02/15/2021	31780 *	SWRCB-DWOCF	Miguel G. Ramirez Grade T1 Operator #...	-55.00	-32,291.72
02/15/2021	31781 *	Tahoe City Chevron, Inc.	Account #147	-25.00	-32,316.72
02/15/2021	31782 *	Tahoe Truckee Sierra Disposal Co., Inc.	Customer #000355	-104.00	-32,420.72
02/15/2021	31783 *	Thatcher Company Of Nevada, Inc.	Customer #3000421	-540.50	-32,961.22
02/28/2021	31784	ACC Business	Account #00001194781 01/11/21 - 02/1...	-476.60	-33,437.82
02/28/2021	31785	Aramark	Customer #6728877	-163.02	-33,600.84
02/28/2021	31786	AT&T	Account #530 583 2320 189 1	-210.41	-33,811.25
02/28/2021	31787	Avaya Financial Services	Contract No. 753-0021553-000 Custom...	-158.91	-33,970.16
02/28/2021	31788	Big Bear Automotive Repair Inc.	Cust ID 5381	-398.96	-34,369.12
02/28/2021	31789	FedEx	Acct #1834-0409-1	-92.05	-34,461.17
02/28/2021	31790	Mallory Safety & Supply LLC	Customer ID: 88275	-70.79	-34,531.96
02/28/2021	31791	North Tahoe FPD		-332,109.82	-366,641.78
02/28/2021	31792	Pam Zinn	Reimbursement	-68.07	-366,709.85
02/28/2021	31793	Professional Communications Messaging	Invoice #19307203032021	-42.40	-366,752.25
02/28/2021	31794	Richard Limbird	Reimbursement	-85.68	-366,837.93
02/28/2021	31795	Sierra Office Solutions	Customer #AS32:900020 (02/28/21-03/...	-213.68	-367,051.61
02/28/2021	31796	Silver State Analytical Laboratories	Water Tests	-60.00	-367,111.61
02/28/2021	31797	Stantec Consulting Services, Inc.	Customer #84664	-4,881.90	-371,993.51
02/28/2021	31798	Swigard's True Value Hardware, Inc.	Account #11050	-82.29	-372,075.80
02/28/2021	31799	The Paper Trail	Invoice 4588	-407.50	-372,483.30
02/28/2021	31800	Verizon Wireless	Account #271135177-00001 (02/16/202...	-297.07	-372,780.37
02/28/2021	31801	Janet Grant	February Budget & Finance and Board ...	-175.00	-372,955.37
02/28/2021	31802	Janice Ganong	Feb Park, Rec & Green Belt and Board...	-150.00	-373,105.37
02/28/2021	31803	Evan Salke {1}	February Budget & Finance and Board ...	-150.00	-373,255.37
02/28/2021	31804	David Smelser {1}	February Budget & Finance and Board ...	-125.00	-373,380.37
02/28/2021	31805	Christine York	Feb Park, Rec & Greenbelt and Board ...	-150.00	-373,530.37

10:59 AM
03/09/21

Alpine Springs County Water District
Subsequent Payments Listing

March 1 - 9, 2021

Date	Num	Name	Memo	Amount	Balance
03/02/2021	31806	Healthplan Services, Inc.	Case #230511	-243.57	-243.57
03/03/2021	31807	Michael J. Dobrowski, CPA, LLC	Inv#21101	-5,241.62	-5,485.19
*** Missing numbers here ***					
03/04/2021	EFT03042021	CalPERS	CalPERS ID: 2668620501 (March 2021)	-159.91	-5,645.10
*** Duplicate document numbers ***					
03/04/2021	EFT03042021	CalPERS (Active)	Customer ID: 2668620501 Health Insurance Mar 2021 (...)	-4,453.96	-10,099.06
*** Duplicate document numbers ***					
03/04/2021	EFT03042021	CalPERS (Retired)	CalPERS ID: 2668620501 Health Insurance Mar 2021 (...)	-701.62	-10,800.68
*** Missing numbers here ***					
03/06/2021	EFT03062021	State of California	Sales Tax Paid 2020	-6.00	-10,806.68

Exhibit D2

**NTPFD Response Calls
February 2021**

Basic Incident Number (FD1)	Basic Incident Date Time	Basic Incident Full Address	Basic Incident Postal Code (FD1.19)	Basic Incident Type (FD1.21)	Basic Apparatus Call Sign List	Basic Primary Action Taken (FD1.48)	Basic Additional Actions Taken 2 (FD1.66)
2021003085	2/3/2021 9:43	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	
2021003110	2/3/2021 13:26	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	
2021003180	2/4/2021 10:55	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Refusal of EMS care	
2021003218	2/4/2021 16:30	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Provide advanced life support (ALS)	
2021003273	2/5/2021 11:43	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Provide advanced life support (ALS)	
2021003363	2/6/2021 9:49	2261 BEAR FALLS Lane	96146	EMS call, excluding vehicle accident with injury	M51	Provide advanced life support (ALS)	Transport person
2021003365	2/6/2021 9:22	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Transport person	
2021003373	2/6/2021 11:08	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	Provide advanced life support (ALS)
2021003458	2/7/2021 9:43	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Provide advanced life support (ALS)	Transport person
2021003482	2/7/2021 14:23	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Provide advanced life support (ALS)	Transport person
2021003740	2/10/2021 16:02	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	
2021003876	2/12/2021 10:39	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	Provide advanced life support (ALS)
2021003907	2/12/2021 16:03	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	Provide advanced life support (ALS)
2021004069	2/14/2021 11:29	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Provide advanced life support (ALS)	
2021004085	2/14/2021 13:43	2600 ALPINE MEADOWS Road	96146	Dispatched and cancelled en route	M51	Cancelled en route	
2021004215	2/16/2021 9:16	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Provide advanced life support (ALS)	
2021004521	2/19/2021 16:35	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Provide advanced life support (ALS)	
2021004573	2/20/2021 9:26	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Provide advanced life support (ALS)	
2021004670	2/21/2021 10:58	2600 ALPINE MEADOWS Road	96146	Dispatched and cancelled en route	M56	Cancelled en route	
2021004838	2/23/2021 12:50	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Transport person	Provide advanced life support (ALS)
2021005009	2/25/2021 10:10	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Provide advanced life support (ALS)	
2021005013	2/25/2021 10:54	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Transport person	
2021005031	2/25/2021 13:52	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M51	Provide advanced life support (ALS)	
2021005190	2/27/2021 10:56	2600 ALPINE MEADOWS Road	96146	EMS call, excluding vehicle accident with injury	M56	Provide advanced life support (ALS)	

Calls = 24

Exhibit D3



AGENDA NO: D3

MEETING DATE: 03/12/2021

General Managers Report

TO: ASCWD Board of Directors **Date:** March 05, 2021
FROM: Joe Mueller, General Manager
SUBJECT: General Manager and Office Activities for the Month of February 2021

Projects

1) White Wolf Subdivision

Had email correspondence with the Development team answering district water system design and infrastructure questions. Provided the Development team with the previous four years of data on district flows and use.

Upcoming project activity

Sauers Engineering will prepare a Scope of work to outline what will be included in the Engineering report to be submitted to the District. The District has agreed to review said scope of work to insure from the start the needed elements will be included for District's review and determination as to available water supply.

The District's team anticipates the need to research and provide documents and studies to Sauers Engineering to allow them to complete their work effort.

A review of the Districts Long Range Water Master Plan (prepared by Lumos and Associates in 2006) pertaining to the current and future known water supply commitments is needed to identify completeness and areas in need of updating.

2) Alpine Sierra Subdivision

No activity this month.

3) Tank 4 and 4A Replacement

No activity this month, to date RDC has not resubmitted for their final payment after their request for payment of \$41,470 had been rejected in December.

Upcoming project activity

Review of invoice for accuracy, completeness, and possible approval.

4) Fire Flow Analysis Juniper Mountain

Reviewed, commented, and answered questions on the draft engineering report form Stantec Engineering (received February 24th).

Upcoming project activity

The draft report has been agendaized on the Long Range Planning Committee Meeting scheduled for March 9th and the Regular Board of Directors Meeting Scheduled for March 12th. Direction and input from both meetings will drive next steps.

5) B2B Gondola Project

Psomas Engineering emailed their preliminary design for review on March 4th to Placer County and the District for review.

Upcoming project activity

A plan set review walk through with Psomas is currently being scheduled after which comments will be provided back to Psomas.

6) Snow Crest Tributary Restoration

Participated in the 65 percent design review of the Snow Crest Tributary Restoration Project being proposed by the Truckee River Watershed Council. The majority of the meadow restoration project would be located on District property at Alpine Meadows Road and Snow Crest Road. Work is still in the planning and design phases with proposed project implementation in Spring/Summer 2022.

Upcoming project activity

A presentation by the Truckee River Watershed Council on the project will be scheduled at an upcoming ASCWD Regular Board of Directors Meeting.

General Business

- Performed initial project upload and description on fire flow improvement into the Placer County Water Agency (PCWA) Financial Assistance Program web site for future grant and / or low interest loan consideration.
- Participated in the Placer County Hazard Mitigation Planning Committee meeting. A list of mitigation actions and projects by hazard were discussed and prioritizing is now underway.
- Researched Park budget performance and Profit and Loss for the past five years, looking at staff allocation and district overhead cost appropriateness.
- Continued implementation of COVID-19 responses for the office. No general public access, observing social distancing, conducting most meetings and business through virtual meetings. Monitoring the rollout of the COVID-19 vaccine as to when District staff will be eligible to sign-up for an appointment.
- Celebrated Employee Appreciation Day with a group outdoor lunch.
- Participated in monthly area General Managers meeting via virtual meeting.

Office Activities Performed by Office Manager

- Continue to update the district's financial institutes on the new General Manager/Treasurer's name on the accounts.
- Continue to work through the process and application for a District credit Card through Bank of the West in the amount of \$2000 dollars.

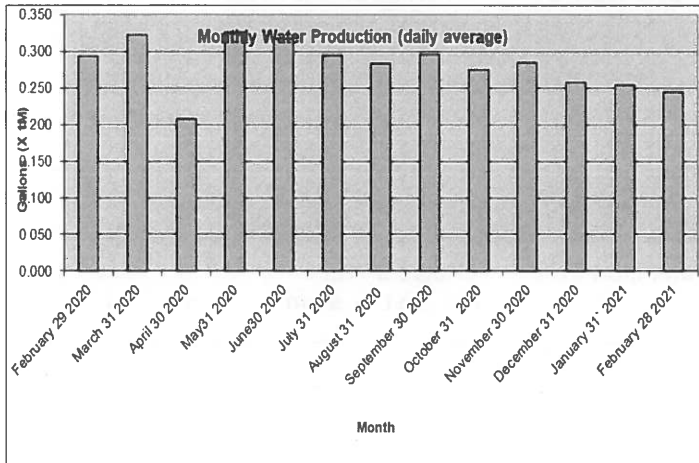
- Worked on finding a workable solution to provide remote Email and calendar conductivity. Currently the district utilizes Go Daddy as an email provider which is proving challenging to integrate to Microsoft office and calendars outside the Districts offices - not providing working meeting links or scheduling abilities.
- Worked with our outside webmaster making minor updates and changes to the District website regarding navigation.
- Completed Office Manager portion on FY21/22 budget items.
- Processed no change of account ownerships, and only had one inquiry from a title company.
- Worked with FedEx to extend longer payment terms, however they do not go beyond Net 15. This was brought to our attention when our account was suspended due to an invoice we did not receive in November.
- USPS delivery problems at Olympic Valley persist. USPS staff stopped putting package pickup notice slips in the district box and began returning incoming mail as "undeliverable as addressed, Return to Sender". I spoke with the clerk without a resolution. As a temporary measure mail was switched to the office managers PO Box in Tahoe City for all orders that come USPS until the issue is resolved, a report was filled with USPS awaiting a response.

Exhibit D4

**WATER/WASTE WATER REPORT
FOR 2-1-21 THRU 3-1-21**

TO: Board of Directors
 DATE: March 12th, 2021
 FROM: Miguel Ramirez, Operations & Maintenance

February 2021



Well#	GPM	Production
H1	58	2,336,899
H2 & H4	100	4,026,598
H3	12	470,670
AMEW	220	0
R-1 Well	240	0
TOTAL GALLONS PRODUCED		6,834,167

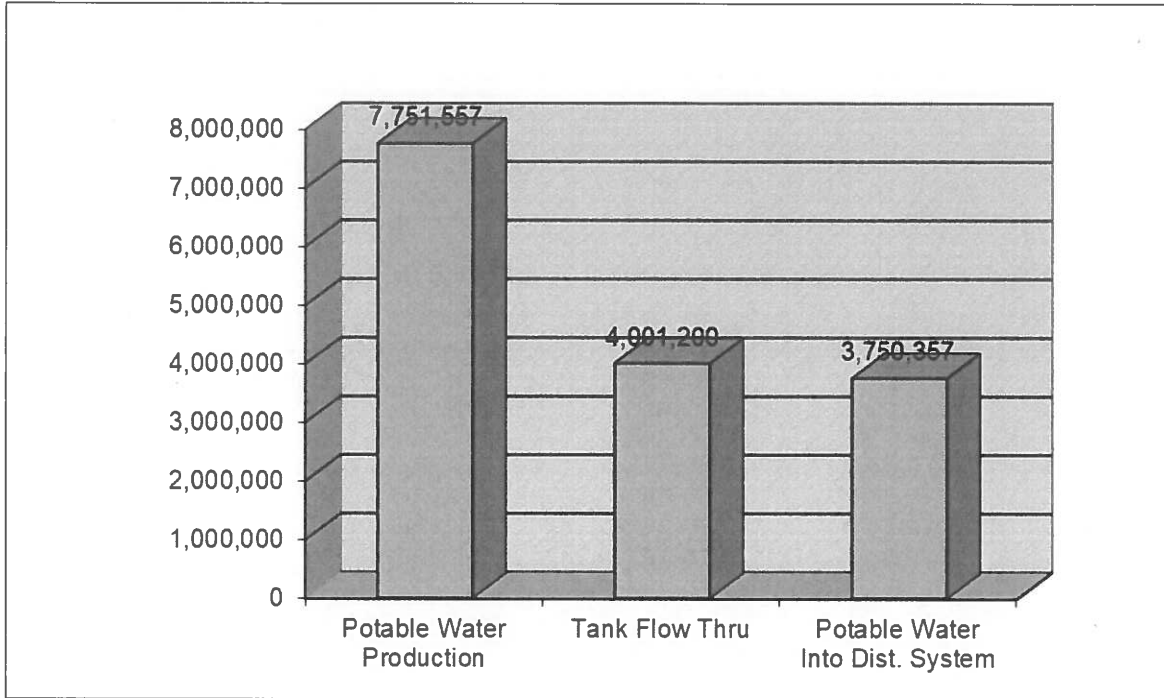
II. Waste Water SYSTEM: Normal
Waste Water Flows for: 29 Day Report February 2021

<u>Minimum Flow</u>	<u>Maximum Flow</u>	<u>Average Flow</u>
.013 MGD	.178 MGD	.059 MGD

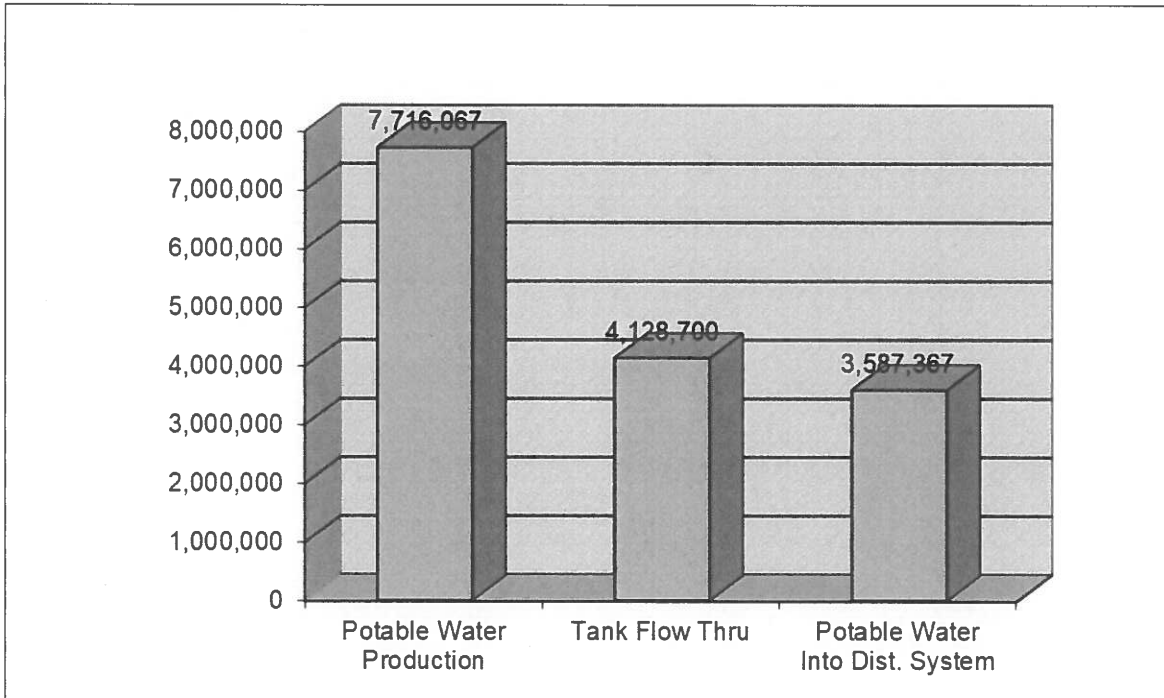
Maintenance performed:

All routine zone samples came back absent from Coliform and E-coli.
 We performed snow removal on Hydrants and our well houses.
 We started back up our leak notification program with enthusiastic interactions from the public.
 We have 46 current homeowner leaks in the valley.
 Scheid has officially passed his Collection 1 Certification for wastewater.
 We had to troubleshoot and repair a blown fuse that operates a valve in R-5 that controls the flow to Zone 4.
 Did a thorough investigation on power consumption from our snowmaking wells compared from this year to the previous year.

III. MASS BALANCE: December 2020



III. MASS BALANCE: November 2020



Large Commercial Service (A3) (Updated 11-1-2020)

(>200 kw demand per month) Rate Codes: Corresponds with Time-Of-Use periods (see below)

RATE CODE	E8OnWIn	E6MidWIn	E8OffWIn	E8SumOn	E8SumOff
TOU PERIOD	Winter - ON Oct 1-May 31 5:01 PM-10:00 PM	Winter - MID Oct 1-May 31 7:01 AM-5:00 PM	Winter - Off All Other	Summer - ON June 1-Sept. 30 10:01 AM-10:00 PM	Summer - OFF All Other
Customer Charge					
Per meter, per month	\$483.29	N/A	N/A	\$483.29	N/A
Facility Charge (per kW of maximum demand)	\$ 5.43	N/A	N/A	\$ 5.43	N/A
Demand Charge (per kW)					
Distribution	\$ 6.69	\$ 1.98	N/A	\$ 2.80	N/A
Generation	\$ 1.74	\$ 1.19	N/A	\$ 11.12	N/A
Total kWh (Usage) Charge	\$ 0.11361	\$ 0.10986	\$ 0.09068	\$ 0.1233	\$ 0.09654
Total Large Commercial kWh (Usage) Charge Breakdown:					
Surcharges (per kWh)					
CPUC	\$ 0.0013	\$ 0.0013	\$ 0.0013	\$ 0.0013	\$ 0.0013
CEC	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0003
Distribution Energy Charge (per kWh)	\$ 0.03015	\$ 0.02575	\$ 0.01358	\$ 0.03993	\$ 0.02157
Public Purpose Programs (PPP) (per kWh)					
CARE	\$ 0.00156	\$ 0.00156	\$ 0.00156	\$ 0.00156	\$ 0.00156
ESA	\$ 0.0013	\$ 0.0013	\$ 0.0013	\$ 0.0013	\$ 0.0013
Energy Efficiency	\$ 0.00081	\$ 0.00081	\$ 0.00081	\$ 0.00081	\$ 0.00081
Energy Cost (ECAC) (per kWh)	\$ 0.03900	\$ 0.03975	\$ 0.03264	\$ 0.03891	\$ 0.03050
Generation Energy Charge (per kWh)	N/A	N/A	N/A	N/A	N/A
ECAC Amortization (per kWh)	\$ 0.00534	\$ 0.00534	\$ 0.00534	\$ 0.00534	\$ 0.00534
Vegetation Management (VM) (flat fee)	\$672.55	N/A	N/A	\$672.55	N/A
Carbon Pollution Permit Cost (per kWh)	\$ 0.00637	\$ 0.00637	\$ 0.00637	\$ 0.00637	\$ 0.00637
Solar Initiative Program (SIP) (per kWh)	\$ 0.00072	\$ 0.00072	\$ 0.00072	\$ 0.00072	\$ 0.00072
Base Revenue Requirement Balancing Account (BRBA) (per kWh)	\$ 0.02102	\$ 0.02102	\$ 0.02102	\$ 0.02102	\$ 0.02102
Catastrophic Event Memorandum Account (CEMA) (per kWh)	\$ 0.00574	\$ 0.00574	\$ 0.00574	\$ 0.00574	\$ 0.00574

Account# 88506626-88105912 – 0 alpine Meadows Rd Unit PMP 1&2

Date	Service Type	Reading	Reading Type	Meter	Days	Consumpti...	Total	Units/Day	S/Day
1/27/2020	88COMME...	21173....	Actual	196897	32	840.00	\$97.37	26.25	\$3.04
12/26/2019	88COMME...	21152....	Actual	196897	31	20520.00	\$2240.80	661.94	\$72.28
11/25/2019	88COMME...	20639....	Actual	196897	31	4240.00	\$1546.48	136.77	\$49.89
10/25/2019	88COMME...	20533....	Actual	196897	29	960.00	\$1114.07	33.10	\$38.42
Date	Service Type	Reading	Reading Type	Meter	Days	Consumpti...	Total	Units/Day	S/Day
1/26/2021	88COMME...	22956....	Actual	196897	33	11000.00	\$2687.45	333.33	\$81.44
12/24/2020	88COMME...	22681....	Actual	196897	30	26680.00	\$4611.15	889.33	\$153.71
11/24/2020	88COMME...	22014....	Actual	196897	29	27040.00	\$4598.88	932.41	\$158.58
10/26/2020	88COMME...	21338....	Actual	196897	31	560.00	\$124.35	18.06	\$4.01

Account# 88549098-88105912 – 270 Meadows Rd Well 1

Date	Service Type	Reading	Reading Type	Meter	Days	Consumpti...	Total	Units/Day	S/Day
1/27/2020	88COMME...	5557.00	Actual	208621	32	1180.00	\$214.29	36.88	\$6.70
12/26/2019	88COMME...	5498.00	Actual	208621	31	2880.00	\$484.76	92.90	\$15.64
11/25/2019	88COMME...	5354.00	Actual	208621	31	1220.00	\$214.17	39.35	\$6.91
10/25/2019	88COMME...	5293.00	Actual	208621	29	800.00	\$145.69	27.59	\$5.02
Date	Service Type	Reading	Reading Type	Meter	Days	Consumpti...	Total	Units/Day	S/Day
1/26/2021	88COMME...	6177.00	Actual	208621	33	1480.00	\$301.33	44.85	\$9.13
12/24/2020	88COMME...	6103.00	Actual	208621	30	1760.00	\$355.30	58.67	\$11.84
11/24/2020	88COMME...	6015.00	Actual	208621	29	3580.00	\$699.68	123.45	\$24.13
10/26/2020	88COMME...	5836.00	Actual	208621	31	500.00	\$107.48	16.13	\$3.47

Broken fuse



R-5 Vault after excavating



Spring 1 chlorination point



R-5 Vault during excavation



AME Well chlorination room



Exhibit D5

ALPINE SPRINGS COUNTY WATER DISTRICT

Directors: Janet S. Grant, Janice Ganong, Evan Salke, Dave Smelser, Christine York
General Manager: Joe Mueller

TAHOE-TRUCKEE SANITATION AGENCY BOARD MEETING **REPORT FOR FEBRUARY 17TH, 2021**

Date: Wednesday, February 17th, 2021

Location: 13720 Joerger Drive
Truckee, CA 96161

Time: 9:00 a.m.

Members: Blake Treasan/Truckee Sanitary District

Dale Cox/SVPSD, President

Lane Lewis/NTPUD

David Smelser/ASCWD

Dan Wilkins/TCPUD

LaRue Griffin, General Manager, TTS-A

1. The flow from Alpine Meadows is unrestricted and in compliance.
2. All wastewater discharge requirements are being met.
3. The Board discussed retirement health and benefit package changes for future employees and looked at costs into the future.
4. Reviewed and accepted the 2019/2020 audit.
5. There are 12 candidates for the position of Lab director, 10 outside applicants and 2 from within TTSA, who will be interviewed before the end of this month.
6. Discussed a temporary sewer service charge relief due to economic hardships caused by COVID-19 for some businesses in our service area.

Respectfully submitted by

David Smelser

Exhibit E1



AGENDA NO: E1

MEETING DATE: 03/12/2021

Staff Report

TO: ASCWD Board of Directors

Date: March 7, 2021

FROM: Joe Mueller, General Manager

SUBJECT: Receive Presentation from California Special District Association Representative Wadle Regarding Assembly Bill 361 and Provide Direction to Staff

DISCUSSION

During times of crisis or emergency, it is essential that public agencies are able to continue to provide critical services to the public. To assist in those efforts California Special Districts Association (CSDA) is sponsoring Assembly Bill (AB) 361 (Rivas), which will allow public agencies to meet remotely, as they do now under the Governor's Executive Orders related to COVID-19.

If passed by the Legislature, AB 361 (Rivas) would allow the following:

- While maintaining transparency and public access, local agencies would be able to meet remotely during a declared state of emergency or a declared local emergency
- While agencies would still be required to post agendas and meeting information, agencies would not be required to post meeting notices and/or agendas in physical locations when remotely meeting during an emergency
- While the public must continue to have access to the remote meeting and provided the ability to make public comment, agencies would not be required to make all remote meeting sites accessible to the public, nor include the remote location details in the meeting notice or agenda during a declared state of emergency or a declared local emergency
- Additionally, agency board members would not be required to be at remote sites within the territorial bounds of the agency during a declared state of emergency or a declared local emergency

For more information on AB 361 a fact sheet from CSDA is provided as Attachment I.

Representative Dane Wadle, field coordinator from CSDA, will give a brief presentation regarding AB 361 as CSDA would like the Board to approve a support position and submit a letter indicating such to our state representatives. If authorized by the Board, the support letter provided as Attachment II would be submitted to area representatives.

FISCAL IMPACT

There is no fiscal impact to this action.

Attachments:

- 1- AB 361 Fact Sheet
- 2- Draft Letter of Support for AB 361



Assemblymember Robert Rivas, 30th Assembly District

AB 361 – Brown Act: Remote Meetings During Emergencies

SUMMARY

As amended, Assembly Bill 361 will provide additional flexibility for local city councils, boards, commissions, and other agencies to meet remotely via video and teleconference during a local emergency that makes meeting in person unsafe, while still maintaining high levels of public access and transparency. This legislation will not allow local agencies to meet remotely during emergencies that would not prevent the local agency board from meeting in person, nor will this legislation create any new authorization for a local agency to declare a local emergency.

BACKGROUND

In 1953, the Ralph M. Brown Act, known simply as the “Brown Act” ever since, guaranteed the public's right to attend and participate in meetings of local legislative bodies. To meet this objective, the Brown Act drew up requirements regarding public notices of meetings, the posting of agendas, and physical access to those meetings.

In 1988, AB 3191 (Frazee) updated the Brown Act by authorizing local legislative bodies to use video teleconferencing in connection with any meeting or proceeding authorized by law, for the benefit of the public. However, AB 3191 also required that the public had to have physical access to each remote meeting location. Subsequently, in 1998, SB 138 (Kopp) expanded the allowable uses of teleconferencing even further.

When the COVID-19 pandemic started, local agency boards struggled to conduct their meetings in compliance with the Brown Act’s public accessibility requirements while still abiding by stay-at-home orders. As a result, Governor Newsom signed Orders [N-25-20](#), [N-29-20](#), and [N-35-20](#) to grant local agencies the flexibility to meet remotely during the COVID-19 pandemic.

PROBLEM

The Governor’s executive orders allowed public agencies to meet remotely and did not require physical public access to those meeting locations. Unfortunately, those Executive Orders only apply to the current health pandemic and do not contemplate future health, fire, flood, or other unforeseen emergencies.

SOLUTION

AB 361 will provide additional flexibility for local agencies looking to meet remotely in order to continue providing the public with essential services during a proclaimed state of emergency or local emergency. In doing so, local agency boards will not have to rely on an Executive Order from the Governor.

While maintaining high standards of public transparency and access, AB 361 will allow public agencies to meet remotely to continue providing services to the public without jeopardizing the safety of the public, local agency personnel, or board members. Local agencies will accommodate both internet video conferencing platforms and phone lines to ensure that the public can access these meetings with or without an internet connection. This means that if a specified state or local emergency is declared, a local city council would be allowed to meet via a videoconferencing platform and/or phone. The public would be able to participate through such online and telephonic platforms, too.

Most importantly, if a meeting could still be held in-person without endangering local agency board members or personnel, then the local agency will not be entitled to meet remotely.

Local agencies looking to meet remotely pursuant to these provisions will have to do so in accordance with a locally declared emergency or an emergency declared by the Governor of California. A local emergency could include a toxic leak or wildfire evacuation that inhibits the local body from meeting in person. Together, these important provisions will provide local agencies with the flexibility necessary to meet remotely while preserving public access during a specified emergency.

SUPPORT

- California Special Districts Association (Sponsor)
- Rural County Representatives of California
- California Association of Joint Powers Authorities
- Association of California Healthcare Districts

FOR MORE INFORMATION

Julio Mendez Vargas, *Associate Consultant*
Email: Julio.MendezVargas@asm.ca.gov
Phone: (760) 848-8224

ALPINE SPRINGS COUNTY WATER DISTRICT

Directors: Janet S. Grant, Janice Ganong, Evan Salke, Dave Smelser, Christine York
General Manager: Joe Mueller

Assembly Member Robert Rivas
California State Assembly
State Capitol, Room 5158
Sacramento, CA 95814

RE: Assembly Bill 361 (Rivas) – Support [As Introduced]

Dear Assembly Member Rivas:

The Alpine Springs County Water District is pleased to support your Assembly Bill 361, related to the Ralph M. Brown Act (“the Brown Act”). Alpine Springs County Water District is a small special district located in Placer County in the Tahoe area. As a smaller special district with limited staffing, flexibility in meeting requirements during emergency times is important for continuity of service and public transparency.

In light of a stay-at-home order and the need to keep individuals physically distanced from one another, Governor Newsom issued a number of subsequent executive orders (N-25-20, N-29-20, N-35-20) modifying the requirements of the Brown Act. AB 361 seeks to codify several provisions from within the executive orders.

AB 361 would allow local agencies to safely meet remotely during an emergency. The changes to law included in AB 361 are what have allowed local agencies to continue to operate while also complying with important public health directives issued by officials during the COVID-19 pandemic; by enshrining these provisions in statute, this bill ensures that local agencies would continue to be able to remain safe in future emergencies that threaten public health.

AB 361 will include important safeguards that ensure public agency transparency and public access. For a public agency to utilize these provisions to meet remotely, a local agency must meet subsequent or concurrent to a proclaimed state of emergency or declared local emergency and declare that the nature of the emergency would prevent them from safely meeting in-person. This bill would specifically prohibit local agencies from requiring members of the public to submit their comments in advance, guaranteeing that the public has the opportunity to observe and offer comment during the meeting.

AB 361 would afford our District the ability to continue to provide services to our community in a transparent and safe manner – this has proven to be invaluable during the COVID pandemic and it would be of benefit to our community to know there is a process in place to continue providing transparent and open Board and District work in future emergencies.

For these reasons, Alpine Springs County Water District is pleased to support Assembly Bill 361 (Rivas). Please feel free to contact us if you have any questions.

Joe Mueller,
General Manager

Exhibit E2



AGENDA NO: E2
MEETING DATE: 03/12/2021

Staff Report

TO: ASCWD Board of Directors **Date:** March 7, 2021
FROM: Joe Mueller, General Manager
SUBJECT: Discussion of the Draft Stantec Fire Flow Alternative Analysis

BACKGROUND

Since 2008 three studies and or technical reports have been prepared regarding the fire flow conditions in Zone 3 (Juniper Mountain area). 1) Fire Flow Feasibility Study for Juniper Mountain prepared by Lumos and Associates, December 2008. 2) Alpine Springs Fire Flow Analysis and Hydraulic Model Update performed by Stantec, October 2020. 3) Alpine Springs Fire Flow Alternatives Analysis performed by Stantec Draft Analysis February 24, 2021. The above listed studies, reports, and analysis have been prepared to inform the ASCWD Staff and Board Directors to the current conditions, system deficiencies and possible options to address low flow situations in some parts of the ASCWD system. The Draft Stantec Fire Flow Alternatives Analysis provides three distinct alternatives to consider improving fire flow conditions. These alternatives are similar to the four alternatives provided by the Lumos and Associates study in 2008 but refined and update for current conditions.

DISCUSSION

This is the initial review of the Draft Stantec Report and is provided for Open Discussion and Questions.

The Draft Stantec Fire Flow Alternatives Analysis provides three alternatives to consider improving fire flow conditions.

Alternative	Lowest available Fire Flow	Number of Hydrants with Fire Flow below 1,000 GPM	Concerns	Resilience Benefits	Estimated Cost
Alternative 1 Juniper Mountain Booster Pump	935 gpm (Hydrant 57)	14	Increased pressure to 50 services and booster pump maintenance & operation	New looping at Snow Crest Road and Cub Lane	\$2,258,000
Alternative 2 New Tank 6	935 gpm (Hydrant 57)	14	Issues managing chlorine residual and booster pump	New looping at Snow Crest Road and Cub Lane. Additional fire flow storage volume.	\$1,742,000

			maintenance & operation		
Alternative 3 New Pressure Zone 2A	922 gpm (Hydrant 61)	17	Increased pressure to 120 services.	New looping at Snow Crest Road and Cub Lane. Water line replacement.	\$3,504,000

FISCAL IMPACT

All Alternatives are large Construction Capital Improvement Projects and would have a significant impact.

Attachments

1. Draft Stantec Alpine Springs Fire Flow Alternatives Analysis



**Alpine Springs Fire Flow
Alternatives Analysis**

Analysis of alternatives to address fire
flow deficiencies in Zone 3

February 24, 2021

Prepared for:

Alpine Springs County Water District

Prepared by:

Stantec Consulting Services Inc.



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Revision	Description	Author		Quality Check		Independent Review	

DRAFT



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

This document entitled Alpine Springs Fire Flow Alternatives Analysis was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of Alpine Springs County Water District (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by _____
(signature)

Poyom Riles, PE

Reviewed by _____
(signature)

Michael Georgalis

Approved by _____
(signature)

John Buzzone



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

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ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Abbreviations

ADD	Average Day Demand
gpm	Gallons Per Minute
HGL	Hydraulic Grade Line
hp	Horsepower
HWL	High Water Level
MDD	Maximum Day Demand
psi	Pounds Per Square Inch
PRV	Pressure Reducing Valve
PSV	Pressure Sustaining Valve



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Introduction

1.0 INTRODUCTION

A recent fire flow analysis (Alpine Springs Fire Flow Analysis, October 2020) has shown that the Alpine Springs County Water District (ASCWD) water system does not meet fire flow requirements at several locations within Pressure Zone 3. Specific attention has been called to the Juniper Mountain area where fire flow is particularly low. There are several factors that contribute to fire flow deficiencies in Zone 3. This technical memorandum (TM) presents an assessment of the contributing factors and describes three alternatives developed to improve the fire flows in the Zone 3. This TM also includes an evaluation of the alternatives and the selection of a recommended alternative.

2.0 ASCWD WATER DISTRIBUTION SYSTEM

The ASCWD is divided into five pressure zones: Zone 1, Zone 2, Zone 3, Zone 3B, and Zone 4. Pressure Zone 1 is the upper most pressure zone, and Zone 4 is the lowest. Each pressure zone is connected to the zone below it through a series of pressure regulating stations that allow water to move through the system. There are multiple sources of supply to the system. The primary supply sources include three horizontal gravity flow wells (Well 1, Well 2 and Well 4) that supply Zone 1. Supply also enters Zone 3 from a horizontal gravity flow well (Well 3) as well as a vertical production well (AME Well). At the bottom of the system there is another vertical production well (Well R1) that supplies Zone 4. There are six storage tanks in the system. Tank 1, Tank 4, and Tank 4a serve Zone 1; Tank 2 serves Zone 2; Tank 3 serves Zone 3; and Tank 5 serves Zone 4. There are three booster pumps serving the existing system. Pump Station A fills the Zone 1 tanks, Pump Station B fills the Zone 2 tank, and the Juniper Mountain Pump Station delivers supply to the houses at the top of the Juniper Mountain Subdivision. The existing system components are summarized in **Table 1**. Distribution piping is predominantly 6 inches in diameter, although there is also some 8-inch piping as well.

Table 1 Existing System Summary

Zone	Supply Source	Available Supply (gpm)	Storage	Approx. Available Storage (gal)
Zone 1	Wells 1, Well 2, Well 4	178	Tank 1, Tank 4, Tank 4A	700,000
Zone 2			Tank 2	100,000
Zone 3	Well 3, AME Well	39	Tank 3	100,000
Zone 3A				
Zone 4	Well R1	350	Tank 5	100,000

The components of the existing system, existing demand values, and some existing deficiencies are described in the Proposed Alpine Springs Sierra Development Water and Sewer Facility Evaluation



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

ASCWD Water Distribution System

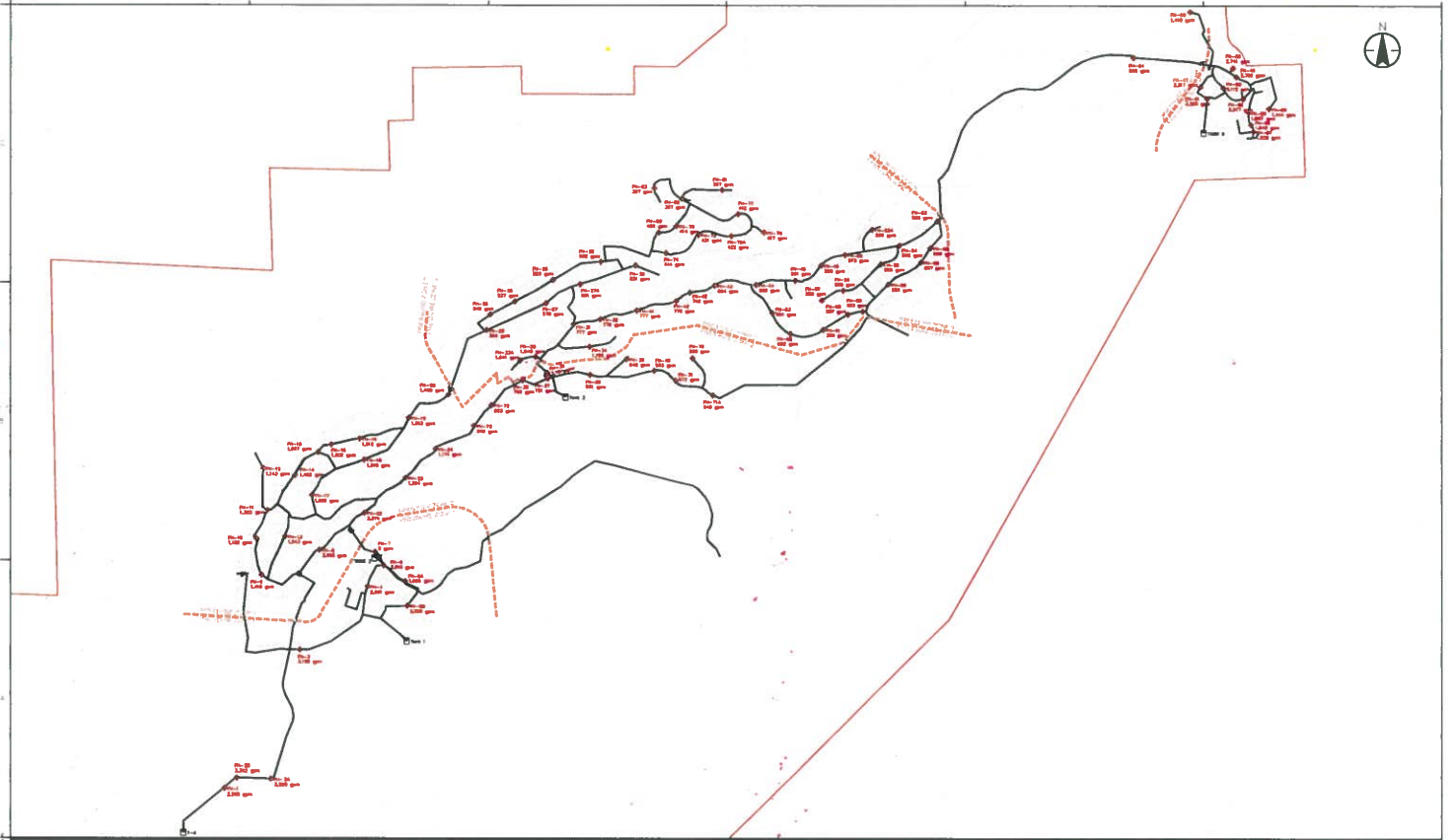
(March 2011). The main purpose of the memorandum was to describe the improvements required to serve the proposed Alpine Sierra Development; however, it also discussed some of the existing system deficiencies. The memorandum identified a supply deficiency in Zone 2 (deficit of 7 gpm under MDD) and Zone 3 (deficit of 189 gpm under MDD). The memorandum also identified fire flow deficiencies in the Juniper Mountain, Bear Creek, and Alpine Estates areas. System improvements to address these deficiencies were described as well. Additional booster pump stations were proposed to move excess supply in Zone 4 up to Zone 2 and Zone 3 to relieve the supply deficiency in those zones. The following alternatives evaluation does not address these supply deficiencies and assumes that the supply improvements presented in the 2011 memo will be implemented to address these supply deficits.

The ASCWD fire flow objective is to provide 1,000 gpm for two hours while maintaining a minimum system pressure of 20 psi. A follow up fire flow analysis (Alpine Springs Fire Flow Analysis, October 2020) was completed to calibrate and update the existing hydraulic model and assess fire flows throughout the system. The results of that analysis are shown in **Figure 1**. The fire flow analysis identified 49 hydrants with an available fire flow below 1,000 gpm. All the fire hydrants in the Juniper Mountain area (Hydrants 74 – 83) have an available fire flow of less than 500 gpm. Three of these fire hydrants (81-83) are fed by a booster pump and have an available fire flow of less than 400 gpm. The 2020 memo identifies Juniper Mountain as the most vulnerable area.

The hydraulic model described in the 2020 technical memorandum was used to evaluate the existing fire flow deficiencies. Fire flow deficiencies exist throughout Zone 3 for a variety of reasons. The northern portion of Zone 3 is supplied by a single 6-inch line along John Scott Trail. This small single line limits the available flows to this area. There is an additional connection between Zone 2 and this portion of Zone 3 (from Cub Lane to Deer Park), but the line is closed by a 3-inch valve and does not supply water to Zone 3. The fire flows for Zone 3 are supplied by Tank-3, which provides a hydraulic grade line (HGL) of 6,674 feet at its normal operating level. The ground elevation at the end of Zurs Court, which is at the top of the Juniper Mountain area, is 6,640 feet. The HGL in the system is too low to provide adequate fire flow to this part of the system, even ignoring the restrictions caused by line size and lack of looping. The booster pump station on Juniper Mountain Road between Cortina Court and Kloster Court is sized to supply the MDD to the upper portion of the subdivision, but is inadequate to meet the fire flow objective.

Similar to the northern portion of Zone 3, there is a single 6-inch line along Mineral Springs Trail that supplies all of the western portion of Zone 3. Low fire flows in this portion of Zone 3 are also due to limited line size and lack of looping in the system. It should be noted that there is no connection between Zone 2 and Zone 3 at the end of Snow Crest Road, where Well 3 supplies Zone 3.





<p>Figure 1</p>	<p>Scale</p>	<p>Permit/Issued</p> <p>PRELIMINARY NOT FOR CONSTRUCTION</p> <p>Not for permit, pricing or other efforts. This document has not been completed or checked and shall not be used for permit or construction purposes.</p>	<p>Consultant</p>	<p>Stantec</p> <p>Stantec Consulting, Inc. 1000 15th Street, Suite 1000 Alpine, CA 91501 Tel: 970.885.5177 www.stantec.com</p> <p>Copyright Reserved</p>	<p>Client/Project/Logo</p>	<p>Team/Project</p> <p>Alpine Springs County Water District</p> <p>ASCWD Fire Flow Analysis</p> <p>Alpine Meadows, CA</p>	<p>Title</p> <p>Figure 1 Existing System Fire Flow</p> <p>Project No. _____</p> <p>Revision _____</p> <p>Revision _____</p> <p>Revision _____</p>
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ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

2.1 SYSTEM CRITERIA

System criteria relevant to this evaluation are presented here. Water system criteria are established by a combination of good operational practice and regulatory codes at the county, state, local, and national level. This includes water-related regulations in Titles 17 and 22 of the California Code of Regulations (CCR), and Section 508, Appendix B and Appendix C of the California Fire Code regarding fire flow. The distribution system criteria used to guide this analysis are as follows:

- Supply an available fire flow of 1,000 gpm for 2 hours
- Maintain a minimum operating pressure of 20 psi throughout the distribution system during a fire flow event
- Meet MDD demands at all times while also maintaining a minimum system pressure of 40 psi (excluding fire flow event)
- Do not exceed a maximum system pressure of 120 psi
- PRVs are required on service lines when system pressure exceeds 80 psi

3.0 ALTERNATIVES

Three alternatives were developed that would improve fire flow in Zone 3. The alternatives include installing a new booster pump to serve the Juniper Mountain area (Alternative 1), installing a new tank above the Juniper Mountain area (Alternative 2), and creating another pressure zone within Zone 3 (Alternative 3). These alternatives are discussed in the following sections.

3.1 ALTERNATIVE 1 – JUNIPER MOUNTAIN BOOSTER PUMP

Alternative 1 involves building a booster pump station that would alleviate the fire flow limitations in the Juniper Mountain area. The new booster pump station, which would be located at the intersection of Alpine Meadows Road and Juniper Mountain Road, would increase pressures in the mains serving the Juniper Mountain area by up to 57 psi.

ASCWD reports that approximately 95% of the piping is asbestos concrete (AC) pipe installed in the 1950s and that the pressure class of the AC piping is unknown. The ability of this type of pipe to accommodate a pressure increase on the order of 57 psi could lead to wide-spread failures. As such, this alternative includes replacing AC pipe in areas where the increase in system pressure exceeds 20 psi. Stantec estimates that approximately 4,900 feet of pipe would need to be replaced. A more detailed analysis that includes exposing pipe to determine the pressure class of the existing piping and to assess its condition would be strongly recommended to better estimate the amount of piping that would need to be replaced if Alternative 1 were more deeply considered. Further, pressure testing the pipe could also provide information that would help refine the estimate of pipe replacement.



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

The new booster pump station would effectively create a new pressure Zone 3A with a hydraulic grade of 6,750 feet, compared to the Zone 3 HWL of 6,679 feet. Approximately 4,900 feet of pipe will be replaced in the new pressure Zone 3A. Some of this pipe would be replaced with 8-inch line to increase system capacity. In addition to the new booster pump station, the existing 3-inch closed valve zone boundary at Cub Lane would be upgraded to a 6-inch PRV and a new PSV/PRV would be installed at Snow Crest Road. The addition of these PRVs would provide new connections between Zone 2 and Zone 3, further improving fire flow and system resilience. The new system components and available fire flow with the Alternative 1 improvements are shown in **Figure 2**. These improvements would increase fire flow throughout Zone 3 from a range of 397 gpm - 1641 gpm to a range of 935 gpm - 2979 gpm. The majority of the available fire flow throughout Zone 3 would exceed 1,000 gpm under this alternative. The lowest available fire flow would be 935 gpm, which would occur at Fire Hydrant 57 located at the end of Pine Trail.

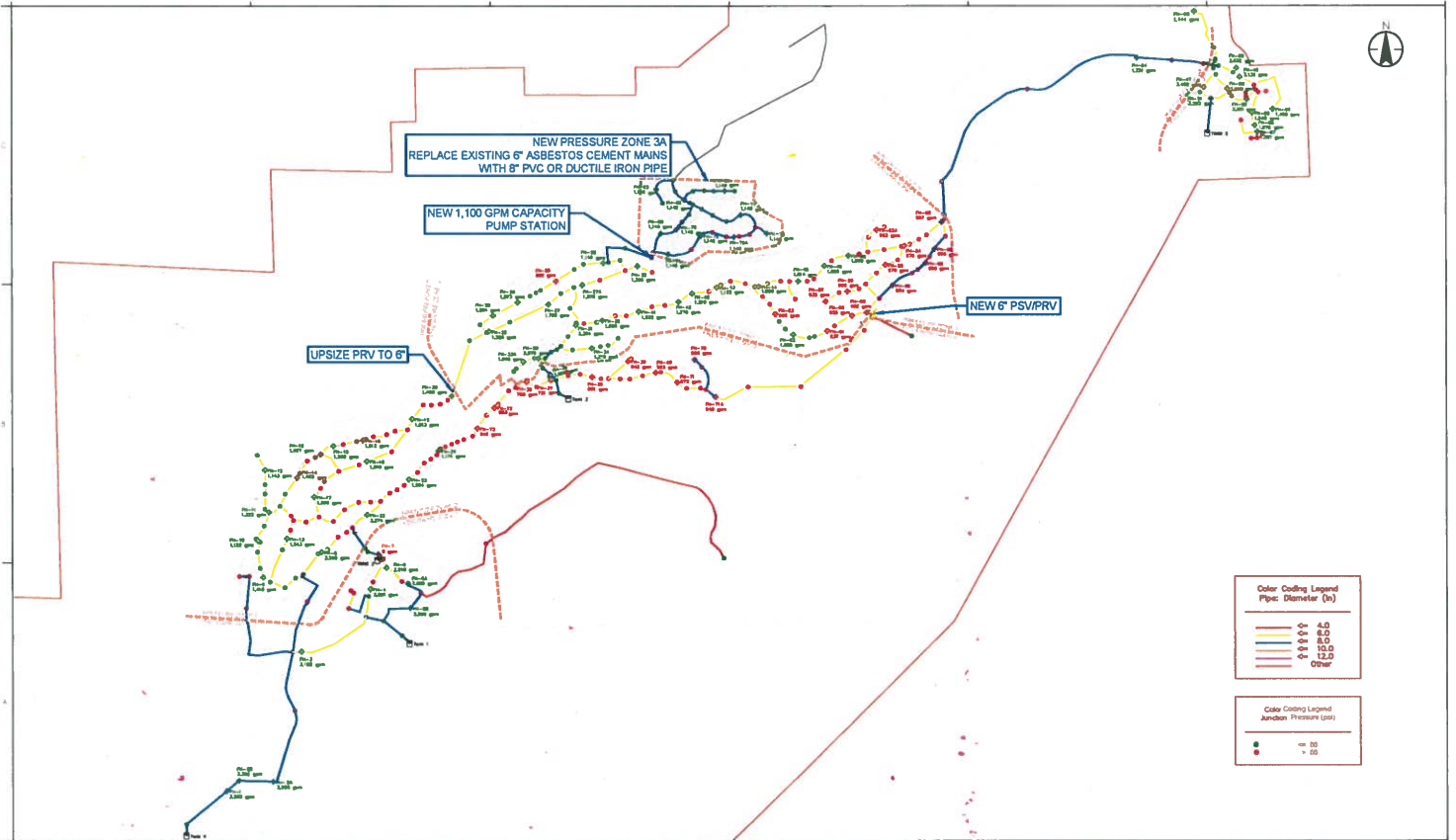
3.1.1 Juniper Ridge Booster Pump Station

The booster pump station at the base of Juniper Mountain Road would require multiple pumps, a jockey pump to maintain pressure and meet normal daily demands and a larger fire pump that would activate upon a fire flow condition. The pump station would require redundancy features, including redundant pumps and a standby generator. The pump station would have a pressure relief valve installed to route pump outflow back to the pump intake to avoid high pressures within the Juniper Mountain area.

All pump station components would be housed within a small pump house with vehicle parking. Some surface grading and a retaining wall may need to be constructed to provide adequate space for the pump house. The proposed location of the new booster pump station is shown in **Figure 3**. A programmable logic controller (PLC) would be installed in the pump station with radio telemetry communications to signal an alarm at the main office in the event of a failure. The existing booster pump station would be removed from service.

Pressurizing the new Zone 3A would require some modifications to the existing infrastructure in the Juniper Mountain area. In order to provide adequate fire flow to Fire Hydrant 83 at the top of Zurs Court, the new booster pump station would need to increase system pressures for a large portion of Zone 3A. As established in Section 2.1, service lines with pressures over 80 psi be equipped with pressure reducing valves to limit the pressure on household plumbing to 45 psi. The model indicates that approximately 50 services in the Juniper Mountain area could have pressures exceeding 80 psi and require retrofitting with PRVs. Additionally, this alternative assumes the existing watermains will be replaced to accommodate the increase in system pressure.





Color Coding Legend Pipe Diameter (in)	
Blue	4.0
Green	6.0
Yellow	8.0
Orange	10.0
Red	12.0
Black	Other

Color Coding Legend Junction Pressure (psi)	
Red	100
Blue	140

<p>Figure 2</p>	<p>Scale</p>	<p>Revision</p>	<p>Project Name</p>	<p>Client/Project Logo</p>	<p>Client/Project</p>	<p>Figure 2 Alternative 1 Improvements New Booster Pump Station, Zone 3 to Zone 2 PRV Upgrade, and New Zone 3 to Zone 2 PRV</p>
<p>PRELIMINARY NOT FOR CONSTRUCTION</p> <p>Not for permit, pricing or to be relied upon. The information herein is intended for informational purposes only.</p>			<p>Stantec</p> <p>10000 North Central Expressway Suite 1000 Dallas, TX 75243 Phone: 972.382.2200 www.stantec.com</p> <p>© 2017 Stantec</p>	<p>Alpine Springs County Water District</p> <p>ASCWD Fire Flow Analysis</p> <p>Alpine, California, CA</p>	<p>Project Title: Figure 2 Alternative 1 Improvements</p> <p>Project No: 15161127</p> <p>Revision: 01 of 1 Drawing: 103</p>	

ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

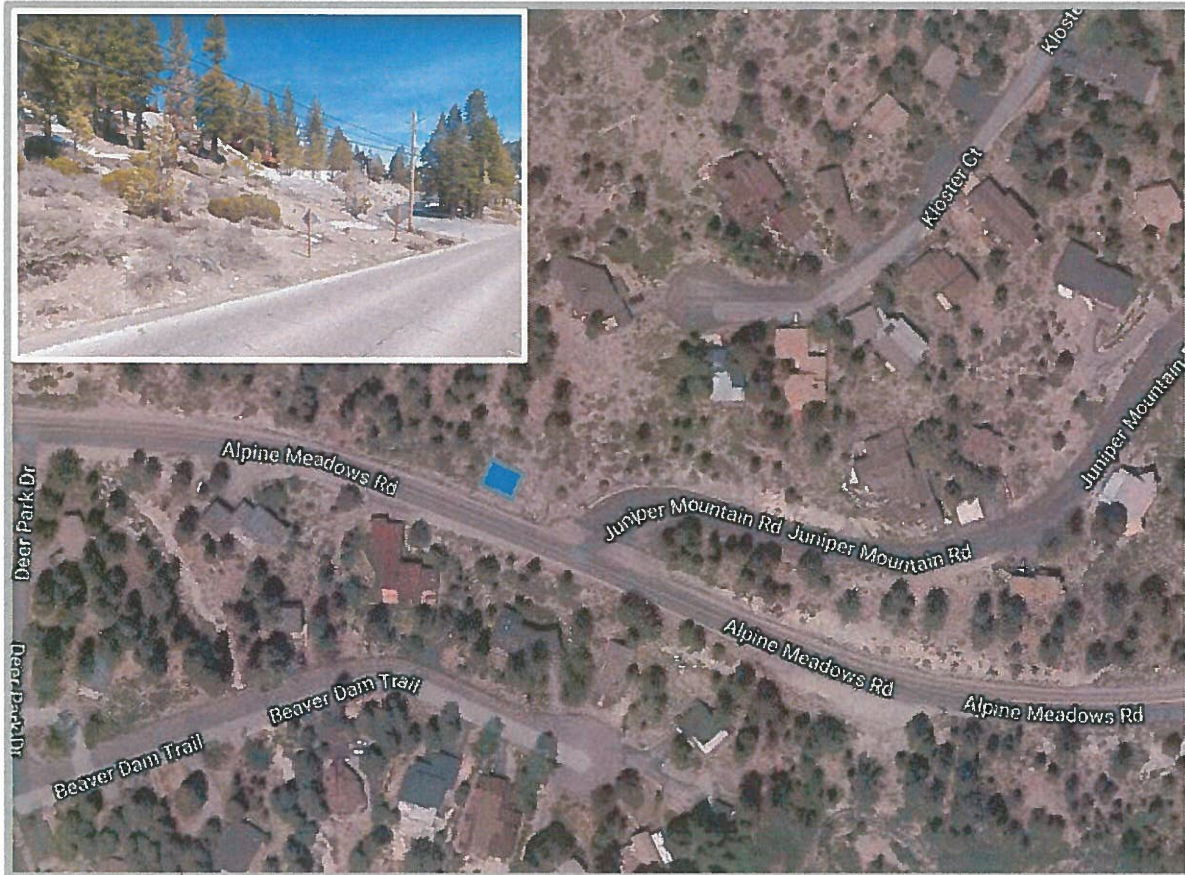


Figure 3 Juniper Mountain Pump Station Location

3.1.2 Valve Modifications

To address the fire flow deficiencies in the Mineral Springs and Snow Crest portions of Zone 3, a new 6-inch PSV/PRV valve would be installed to create an additional connection between Zone 2 and Zone 3. This modification increases the fire flow in this area from a range of 553 gpm – 609 gpm under existing conditions to a range of 937 gpm – 1,068 gpm. To address the fire flow deficiencies along Deer Park Drive and Beaver Dam Trail, as well as provide adequate flow to the proposed pump station at the bottom of Juniper Mountain Road, the closed 3-inch valve on Cub Lane would be upsized to a 6-inch PRV. This new PRV would provide another new connection between Zone 2 and Zone 3. The combination of this new valve and the removal of the Juniper Mountain area from Zone 3 increases available fire flow to above 1,000 gpm for all fire hydrants along Deer Park Drive and Beaver Dam Trail, except Fire Hydrant 28, which would have an available fire flow of 992 gpm.



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

3.1.3 Alternative 1 Costs

The estimated costs for Alternative 1 are summarized in **Table 2**.

Table 2 Alternative 1 Estimated Cost

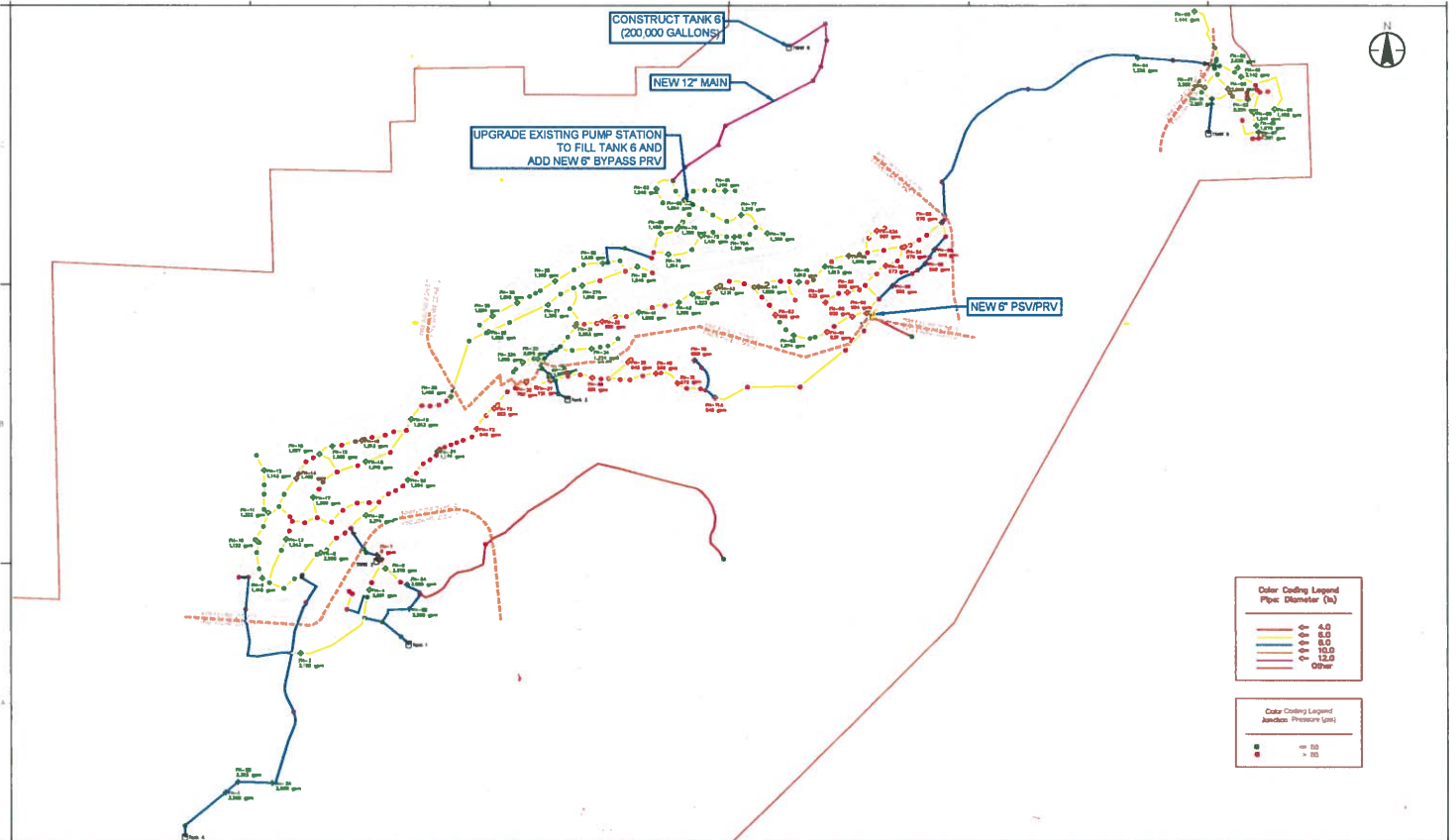
Description	Qty	Unit Cost	Cost ¹
Juniper Mountain Pump Station	1	LS	\$500,000
6 & 8-Inch Main Replacement	4,900	\$160 per LF	\$784,000
Demolition of Existing Booster Pump Station	1	LS	\$10,000
Service Line Pressure Regulators	50	\$750 EA	\$38,000
Snow Crest PRV/PSV	1	LS	\$75,000
Cub Lane PRV	1	LS	\$50,000
Subtotal			\$1,457,000
Contingency		30%	\$437,000
Construction Costs			\$1,894,000
Engineering, Environmental, Admin		25%	\$364,000
Total Project Costs			\$2,258,000
Notes:			
1. All costs have been rounded to the nearest \$1,000			

These cost estimates are planning level only and based on assumptions regarding the design and feasibility of the alternative and a more detailed evaluation is necessary to confirm the feasibility of the alternative and to refine the cost estimate. Additionally, the above cost estimate does not include any allowance for land acquisition. It is assumed that the HOA would provide any lands needed to implement Alternative 1 and there would only be incidental administration costs. For the cost estimate, Stantec assumed a concrete masonry block pump house building with standing seam roof.

3.2 ALTERNATIVE 2 – NEW TANK 6

This alternative involves the installation of a new storage tank (Tank 6) at an elevation that would provide fire flow to the upper Juniper Mountain area. This alternative would also include looping improvements that would increase fire flow in the rest of Zone 3. The existing booster pump station at Juniper Mountain Road and Cortina Court would be upsized to fill the new Tank 6. A new PSV/PRV would be installed at Snow Crest Road to provide an additional connection between Zone 2 and Zone 3, further improving fire flow and system resilience. The new system components and fire flow estimates for Alternative 2 are shown in **Figure 4**. These proposed improvements would improve fire flow deficiencies throughout Zone 3. The hydraulic model indicates that the available fire flow in the majority of the Zone 3 fire hydrants would be 1,000 gpm or greater. A few fire hydrants would have fire flows of less than 1,000 gpm, with the lowest available flow at Fire Hydrant 57 (935 gpm) on Pine Trail.





Color Coding Legend Pipe Diameter (in)	
Blue	4.0
Green	6.0
Yellow	8.0
Orange	10.0
Red	12.0
Other	Other

Color Coding Legend Valves (Pressure (psi))	
Black	10
Red	20

		<p>PRELIMINARY NOT FOR CONSTRUCTION</p> <p><small>Not for permit, pricing or other official purposes. The user must verify all items constructed or checked on site for general information or comment only.</small></p>	<p>Stantec</p> <p><small>101 W. Cambridge Ave. #100 47511, 47512, 47513, 47514 P.O. Box 101010 Denver, CO 80201-0101 Tel: 303.427.4000 www.stantec.com</small></p> <p><small>Copyright Reserved</small></p> <p><small>All intellectual property rights are reserved by Stantec. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Stantec.</small></p>	<p>Client/Project Logo</p> <p>Client/Project Alpine Springs County Water District ASCWD Fire Flow Analysis</p> <p>Alpine, Nevada, CA</p>	<p>Title Figure 4 Alternative 2 Improvements New Tank, with PRV Bypass and New Zone 3 to Zone 2 PRV</p> <p>Project No. _____ Scale _____ Revision _____ Revision _____ Drawing No. _____</p>
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ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

3.2.1 Tank 6

Options for siting a new tank are limited due to the steep terrain at the target elevation. A minimum tank elevation of 6,740 feet is required to maintain a system pressure of 40 psi under MDD conditions. A preliminary siting analysis identified one possible location north of Zurs Court on a property owned by Squaw Creek Associates LLC (Assessor's Parcel Number 095-060-012-000). The site would be accessed from an existing unimproved access road crossing multiple parcels. Approximately 500 feet of new access road would need to be constructed and improvements to the existing access road. The location of the tank and access road is shown on **Figure 5**. The tank would be connected to the existing water system by approximately 3,500 feet of new 12-inch pipeline.

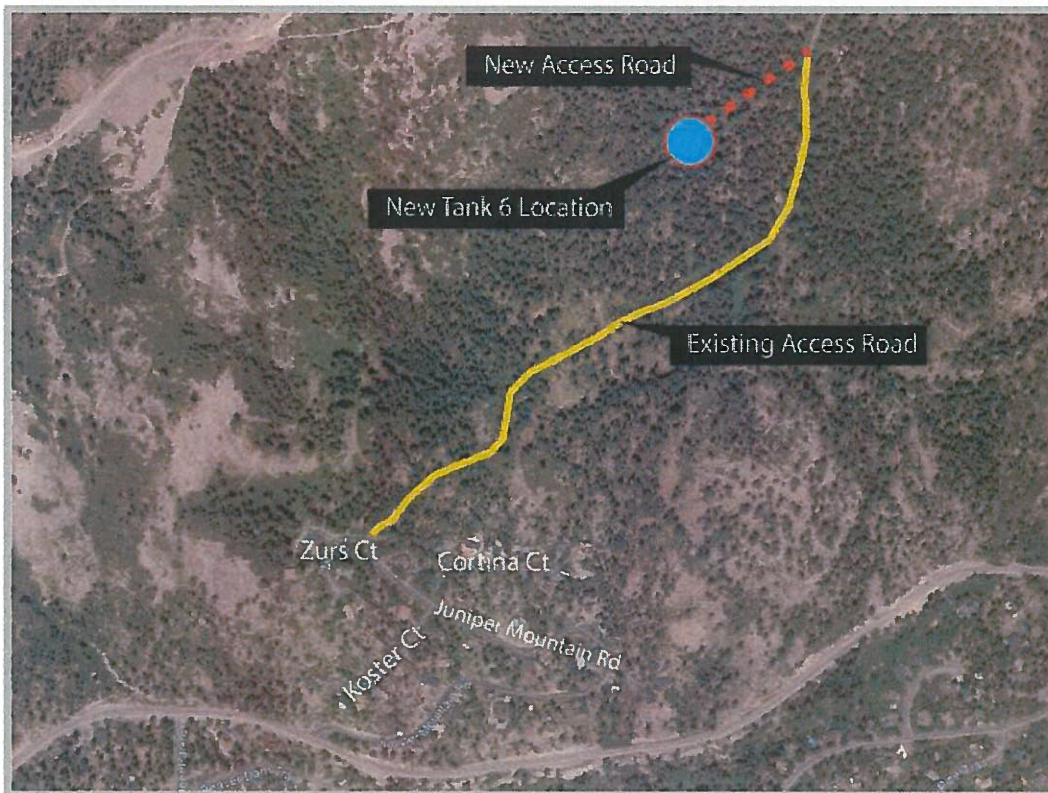


Figure 5 Proposed Tank 6 Location

The tank would be approximately 200,000 gallons. This size would provide storage for 2 hours of fire flow and 24 hours of MDD for approximately 25 homes. Because the tank size requirements are high relative to the low average daily demand, there is a potential for challenges with maintaining adequate chlorine residuals in the tank, which could represent an operational difficulty. This would be exacerbated by the tank's remote location and limited access (particularly during winter conditions).



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

The existing booster pumps at Cortina Court and Jupiter Mountain Road would be replaced with an upsized 100 gpm pump to fill the new tank. Additionally, a bypass with a PRV would be installed at the pump station so the tank could serve as an additional source of fire flow back to Zone 3. The pump station would consist of a below grade submersible pump with a pitless adapter. A new above grade control panel would also be installed at the booster station. The pump station could include a transfer switch to allow use of a portable generator in the event of a power outage. Further redundancy could be achieved by having a spare pump that could be installed on relatively short notice.

3.2.2 Valve Modifications

To address the fire flow deficiencies in the Mineral Springs and Snow Crest portions of Zone 3, a new 6-inch PSV/PRV valve would be installed to create an additional connection between Zone 2 and Zone 3. This modification increases the fire flow in this area from a range of 553 gpm – 609 gpm under existing conditions to a range of 935 gpm - 1074 gpm.

3.2.3 Alternative 2 Costs

The estimated costs for alternative 2 are shown in Table 3.

Table 3 Alternative 2 Estimated Cost

Description	Qty	Unit Cost	Cost
Install Tank 6	200,000 Gallons	\$1.5 per GAL	\$300,000
New Gravel Access Road	500	\$100 per LF	\$50,000
12 Inch Water Main	3,500	\$120 per LF	\$420,000
Improvements to Existing Access Road	1	LS	\$50,000
Replace existing Booster Pump Station (100 gpm)	1	LS	\$100,000
Bypass PRV	1	LS	\$70,000
Portable Generator	1	LS	\$10,000
Snow Crest PRV/PSV	1	LS	\$75,000
Subtotal			\$1,075,000
Contingency		30%	\$323,000
Construction Costs			\$1,398,000
Land Acquisition – Admin. and Permitting			\$75,000
Engineering, Environmental, Admin		25%	\$269,000
Total Project Costs			\$1,742,000

Again, these cost estimates are planning level only and based on assumptions regarding the design and feasibility of the alternative and a more detailed evaluation is necessary to confirm the feasibility of the alternative and to refine the cost estimate. The estimate presented for land acquisition is for



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives

administrative and permitting costs only. The purchase of easements or land would be additional to the cost presented above.

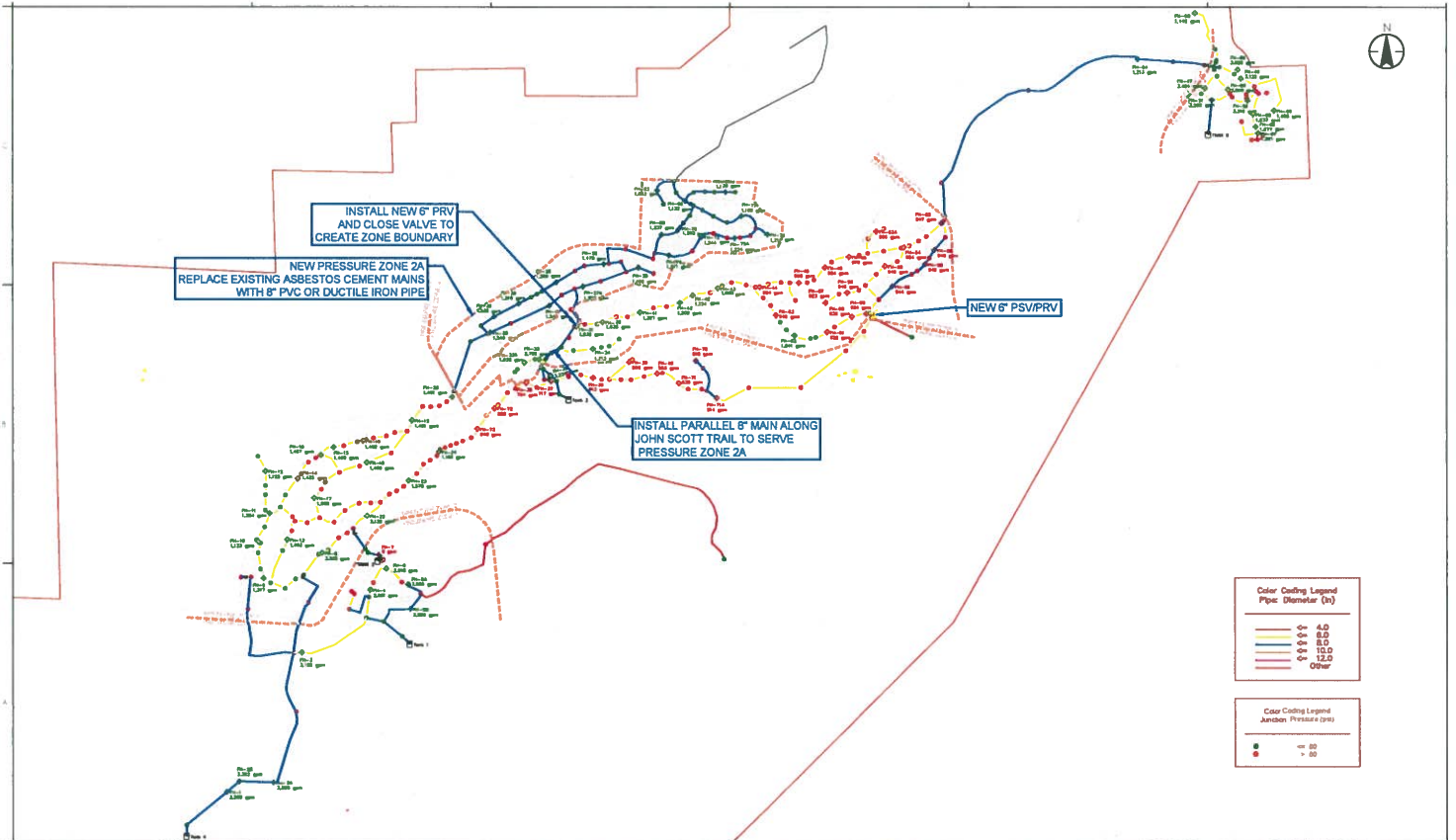
3.3 ALTERNATIVE 3 – NEW PRESSURE ZONE 2A

Alternative 3 would modify the existing pressure zones to create a new pressure Zone 2A to provide a mechanism to increase the system pressures in Zone 3. This new zone would be supplied from Zone 2. A new 8-inch line would be installed along John Scott Trail from Upper Bench Road in Zone 2 to the intersection of John Scott Trail and Mineral Springs in Zone 3. A new PRV would be installed at John Scott and Mineral Springs, and a closed valve zone boundary would be created at John Scott Trail. The new PRV would be set to a HGL of 6,732 feet (as compared to the existing Zone 3 HWL of 6,679 feet) in order to provide adequate fire flow to Fire Hydrant 83 at the top of Zurs Court. This resulting increase in system static pressure 53 feet (23 psi) would cause the pressure to services to exceed 80 psi. As such, individual pressure reducing valves would need to be installed on approximately 120 services.

The ability of the existing pipe to accommodate a pressure increase on the order of 23 psi is unknown. As such, this alternative includes replacing AC pipe in areas where the increase in system pressure exceeds 20 psi. Stantec estimates that approximately 11,300 feet of pipe would need to be replaced. A more detailed analysis that includes exposing pipe to determine its pressure class and assess its condition would be strongly recommended to better estimate the amount of piping that would need to be replaced if Alternative 3 were more deeply considered. Further, pressure testing of the pipe could also provide information that would help refine the estimate of pipe replacement.

Alternative 3 also includes upsizing the existing 3-inch closed valve zone boundary at Cub Lane to a 6-inch PRV (this will now be a Zone 2/2A Zone boundary) and installing a new PSV/PRV at the end of Snow Crest Road. These new valves will provide new connections between Zone 2, Zone 2A, and Zone 3, further improving fire flow and system resilience. Some of the 6-inch water main would need to be upsized to 8-inch. The new system components and fire flow estimates for Alternative 3 are shown in **Figure 6**. The majority of the available fire flows throughout Zone 3 and Zone 2A would exceed 1,000 gpm under this alternative. Where 1,000 gpm is not available, the fire flow would exceed 900 gpm, and the lowest available flow would be at Fire Hydrant 61 (922 gpm) on Snow Crest Road.





<p>Figure 6 Alternative 3 Improvements Pressure Zone 2A with PRV Upgrade, New Zone 3 to Zone 2 PRV, and New Zone 3 to Zone 2 PRV</p>	<p>PRELIMINARY NOT FOR CONSTRUCTION</p> <p>Not for permit, pricing or final official design. The user assumes all responsibility of use and shall be liable for general expansion or improvement work.</p>	<p>Stantec</p> <p>1000 Corporate Center Drive, Suite 100 Alhambra, CA 91801 Tel: 626 444 4444 www.stantec.com</p> <p>Copyright Reserved</p>	<p>Client/Project Logo</p> <p>Client/Project Alhambra Springs County Water District ASCWD Fire Flow Analysis</p> <p>Alhambra, CA November 17, 2016</p>	<p>Figure 6 Alternative 3 Improvements Pressure Zone 2A with PRV Upgrade, New Zone 3 to Zone 2 PRV, and New Zone 3 to Zone 2 PRV</p> <p>Project No. 161101127 Revision: 01 Drawing No.</p>
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ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives Evaluation

3.3.1 Alternative 3 Costs

The estimated costs for alternative 3 are shown in Table 4.

Table 4 Alternative 3 Estimated Cost

Description	Qty	Unit Cost	Cost
6-Inch PRV John Scott Trail	1	LS	\$70,000
6 & 8-Inch Pipe Replacement	11,300	\$160 per LF	\$1,808,000
Demolition of Existing Booster Pump Station	1	LS	\$10,000
Close Existing 6 Inch Main	1	LS	\$10,000
Service Line Pressure Regulators	120	\$750 EA	\$90,000
Additional 8-Inch Water Main	800	\$160 per LF	\$128,000
6-Inch PRV/PSV Snow Crest Road	1	LS	\$75,000
Replace 6" PRV Cub Lane	1	LS	\$70,000
Subtotal			\$2,261,000
Contingency		30%	\$678,000
Construction Costs			\$2,939,000
Engineering, Environmental, Admin		25%	\$565,000
Total Project Costs			\$3,504,000

As previously noted, these cost estimates are planning level only and based on assumptions regarding the design and feasibility of the alternative and a more detailed evaluation is necessary to confirm the feasibility of the alternative and to refine the cost estimate. It is assumed that the HOA would provide any lands needed to implement Alternative 3 and there would only be incidental administration costs.

Stantec estimated the amount of pipe replacement using very limited information. A more detailed analysis is needed to confirm the amount of piping that would need to be replaced. The unit cost of line replacement assumed installing a parallel line with new service tie-ins and abandoning the existing line in place.

4.0 ALTERNATIVES EVALUATION

In this section, the three alternatives developed above are discussed with regard to their ability to meet fire flow objectives, maintenance requirements, and effect on overall system resilience.

4.1 FIRE FLOW IMPROVEMENTS

All three alternatives substantially improve fire flows and significantly address the deficiencies identified in Zone 3. The resulting available fire flow for the three alternatives are very similar. As such, there is no



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives Evaluation

appreciable difference between the three. However, the addition of the storage tank in Alternative 2 has the added benefit of increasing the volume of fire flow available to Zone 3.

4.2 MAINTENANCE AND SYSTEM RESILIENCE

Alternatives 1 and 2 include pump stations. The Alternative 1 pump station would be more a more complex pumping system and include a standby generator as compared to Alternative 2. Both alternatives would require more effort to operate and maintain in proper working condition compared to Alternative 3. Alternative 1 would require a little more effort than Alternative 2. Alternative 3, however, would require the least maintenance of the three alternatives.

Stantec assumes the individual pressure reducing valve installed at each service in areas where the system pressure exceeds 80 psi would be installed by ASCWD, but owned and maintained by the property owner.

Alternative 2 may require on-going monitoring and maintenance to maintain adequate chlorine residuals within the new Tank 6. However, the remote location of the tank presents access challenges, particularly during the winter.

Alternative 2 improves system resilience by increasing the amount of storage. However, any alternative that relies on pumping to maintain system pressure or supply water represents a general decrease in resiliency. As such, none of the three alternatives provide a significant improvement to overall resiliency, so none of the alternatives present a clear advantage with regard to resiliency.

All three alternatives would increase connection points between Zone 2 and Zone 3 with the new PRV/PSV installed at Snow Crest Road. Alternatives 1 and 3 also include an additional point of connection with the upsizing of the PRV on Cub Lane. This additional looping adds redundancy and additional resilience to the system.

Alternatives 1 and 3 include the replacement of AC water line. Replacing this water line with a stronger and more robust pipe material would improve resiliency. The existing water line is nearly 70 years old and will likely need to be replaced in the relatively near future.

Alternative 3 could be completed in phases with the replacement of water line occurring over several years with the project culminating in the creation of the higher pressure zone at the completion of the project.

4.3 COST COMPARISON

The estimated costs for all three alternatives are presented in sections 3.1.3, 3.2.3, and 3.3.1 and summarized in Table 5.



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives Comparison and Recommendations

Table 5 Estimated Cost Summary

Alternative	Estimated Cost
Alternative 1 Juniper Mountain Booster Pump	\$2,258,000
Alternative 2 New Tank 6	\$1,742,000
Alternative 3 New Pressure Zone 2A	\$3,504,000

Based on the above costs estimates, Alternative 2 is the lowest cost alternative. However, \$1,808,000 (or approximately 80%) of the cost for Alternatives 3 is for the replacement of water line that will need to be replaced in the near future. Thus, only 20% (or \$453,000) of the construction cost for Alternative 3 is for new facilities.

5.0 ALTERNATIVES COMPARISON AND RECCOMENDATIONS

Table 6 provides a summary of the alternatives.

Table 6 Alternatives Comparison

Alternative	Lowest available Fire Flow	Number of Hydrants with Fire Flow below 1,000 GPM	Concerns	Resilience Benefits	Estimated Cost
Alternative 1 Juniper Mountain Booster Pump	935 gpm (Hydrant 57)	14	Increased pressure to 50 services and booster pump maintenance & operation	New looping at Snow Crest Road and Cub Lane	\$2,258,000
Alternative 2 New Tank 6	935 gpm (Hydrant 57)	14	Issues managing chlorine residual and booster pump maintenance & operation	New looping at Snow Crest Road and Cub Lane. Additional fire flow storage volume.	\$1,742,000
Alternative 3 New Pressure Zone 2A	922 gpm (Hydrant 61)	17	Increased pressure to 120 services.	New looping at Snow Crest Road and Cub Lane. Water line replacement.	\$3,504,000

While Alternative 2 has the lowest overall cost, it also presents the greatest increase in operational demand and presents challenges with winter access and maintaining chlorine residuals. Alternative 2 provides additional storage volume, that improves resiliency. Alternative 3 presented the least operational and maintenance demand of the alternatives and includes replacement of a significant amount of aging pipe that will need to be replaced in the relatively near future.



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

Alternatives Comparison and Recommendations

Based on the above, Stantec recommends ASCWD consider Alternative 3 because of its lower operational and maintenance requirements and its replacement of water line that will be needed in the relatively near future.

DRAFT



ALPINE SPRINGS FIRE FLOW ALTERNATIVES ANALYSIS

References

6.0 REFERENCES

California Code of Regulations, Title 17

California Code of Regulations, Title 22

California Fire Code, Section 508, Appendix B, Appendix C

Stantec, Proposed Alpine Sierra development Water & Sewer facility Evaluation, Technical Memorandum, March 17, 2011

Stantec, Alpine Springs Fire Flow Analysis, Technical Memorandum, October 15, 2020

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Exhibit E3



AGENDA NO: E3

MEETING DATE: 03/12/2021

Staff Report

TO: ASCWD Board of Directors Date: March 7, 2021
FROM: Joe Mueller, General Manager
SUBJECT: Consider for approval updates to the District Park Policy and Park Use and Fees.

DISCUSSION

The Parks, Recreation and Greenbelt Committee met on Thursday, March 4th to discuss the District's Park Policy and Park Use and Fees. During this discussion the Committee suggested modifications to the District's current Park Policy and Park Use and Fees. A redlined version of the District's Park Policy and Park Use and Fees is provided as Attachment I for the Board to review and easily identify Committee recommended changes. A clean version of both policies reflecting the recommended changes is provided as Attachment II for reference.

In general, the Committee is recommending modifications to the Introduction section of the Park Policy, to more accurately reflect the Parks history. In addition, the Committee recommends increasing Park fees, redefining the large group designation, and that that skim boarding be a disallowed use. The Park is generally operated at a loss each year and incremental fee increases could gradually move the District towards a more cost recovery model.

Staff recommends that the Board review the recommended changes proposed by the Parks, Recreation and Greenbelt Committee and provide direction to staff. Staff concurs with the Committee's recommendations and feel they are reasonable and appropriate.

FISCAL IMPACT

The Committee is recommending an increase to the Park Use Fees of approximately 20%. If approved this would generate 20% more revenue for the Parks fund.

Attachments:

1. Redlined Version of Park Policy and Park Use and Fees
2. Proposed Park Policy and Park Use and Fees

Policy Number: 6.1.0

Title:
PARK POLICY

Introduction:

An element of the Alpine Springs County Water District's mission statement is the "protection, preservation and enhancement of the urban forest setting with consideration for the property owner's continued use and enjoyment".

The District acquired the parcel of land upon which the Park is located from the United States Forest Service in 1992~~3~~. Alpine Meadows property owners were assessed an annual fee of \$63.00 per parcel for 13 years for payment for the land in the exchange. Later the District accepted \$104,142.00 from Placer County in Park Dedication fees to complete the Park. As a condition of accepting the Placer County Park Dedication fees ~~the transfer of the public lands from the Forest Service to the District~~, the District is required to make the Park available to the general public on the same terms and conditions as it is to District customers. The District charges user fees to the residents of the District and the general public who wish to use the Park.

Ends:

In setting Park user fees annually, the District balances its need for revenues with its desire to open the Park to all members of the public who wish to use it. Initially, the District believed that these user fees would cover the cost of Park operations. Over time, it has become clear that the user fees which the District collects are not now and will probably never be sufficient to cover the full cost of Park operations. As a result, approximately 20 percent of the property taxes paid by Alpine Meadows property owners have subsidized the cost of Park operations. The District plans to continue subsidizing the Park by using property taxes for as long as property tax revenues are available for this purpose.

The District does not plan to actively pursue a plan to increase the number of Park users, and thus increase Park revenues, by advertising the Park outside the Alpine Meadows community. This does not preclude the possibly of advertising the Park inside the District. Although the Park is not for the exclusive use of the Alpine Meadows community, the District's primary responsibility is to preserve this precious resource for the benefit of the Alpine Meadows residents and property owners who subsidize the Park's operations.

Responsibility:

It is the responsibility of the Board of Directors, with counsel from the Park, Recreation and Greenbelt Committee to set user fees, annually, on the bases set forth above.

Policy Number: 6.1.0

Title:
PARK POLICY

Introduction:

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Responsibility:

It is the responsibility of the Board of Directors, with counsel from the Park, Recreation and Greenbelt Committee to set user fees, annually, on the bases set forth above.

Policy Number 6.2.0

Title:

PARK USE AND FEES

Introduction:

This policy has been developed to establish a use and fee policy for the park.

Ends:

1. General Use:
 - a. The park shall be open to the public on a pay-to-use basis.
 - b. There shall be no exclusive use of the park.
 - c. The park shall be open during daylight hours.
 - d. All users shall adhere to the Park Rules.
 - e. Use of the park is at the user's own risk. Each park user, individual, family, group or organization, is required to sign a waiver and release form for all claims for damages, death, personal injury, or property damages against ASCWD.
 - f. No music or amplifiers louder than 60 dB metered at the front gate shall be allowed
2. Guest Use:
 - a. Household guests who are staying at the home of a season pass_-holder may use the park at no extra cost when accompanied by a pass holder-
 - b. Only household members may share a Season Pass. Adults from different households must purchase their own pass.
 - c. Renters are not considered household guests and must purchase their own passes
3. Fees (see Annual Fee Schedule):
 - a. The Fee Schedule will be reviewed annually by the Park Committee and approved by the ASCWD Board of Directors.
 - b. The fees will be determined based on the cost of maintaining the park.
 - c. Group fees will be determined based on the size of the group.
 - d. The Fee Schedule will be posted at the District Office by April of each year, announced in the spring newsletter, on the District website www.alpinesprings.org and included with the Park Use contract.
4. Group Use:
 - a. Prior reservations are required for group use.
 - b. No more than two groups of 25 or fewer persons or one group of 26 or more persons shall be scheduled during any one day.
 - c. A damage deposit will be required and shall be used to reimburse the District for the following work tasks, if required:
 - i. Clean up and disposal of trash.
 - ii. BBQ cleaning or repair.
 - iii. Amenity repairs including, but not limited to, tables, volley ball facility, bocce ball court, grass, walkways, fencing, bathroom facilities, etc.
 - d. Unused monies from the damage deposit will be refunded.
 - e. No music or amplifiers louder than 60 dB metered at the front gate shall be allowed

ALPINE SPRINGS COUNTY WATER DISTRICT

f. If a reservation is cancelled less than seven days before the event, 10% of the damage deposit will be forfeited.

5. Large Group Use:

“Large Groups” consist of parties of ~~10076~~ to ~~120000~~ persons.

- a. Prior to June 15 and after August ~~15~~, one Large Group may be scheduled per weekend. (Saturdays or Sundays) after 3 pm ~~AFTER 3 PM~~.
- b. From June 15 to August ~~15~~, no Large Groups will be allowed to use the Park on weekends (Saturdays and Sundays).
- c. Large Groups may be scheduled Monday through Friday after 3:00 p.m.
- d. No Large Group shall be allowed to use the Park during the three day weekends of Memorial Day, Labor Day or 4th of July.
- e. No music or amplifiers louder than 60 Db metered at the front gate shall be allowed.
 - i. Music or amplifiers must be set up on lower lawn in the vicinity of the Bocce Ball Court.
- f. See the annual Fee Schedule for charges.
- g. In addition, a damage deposit shall be required and shall be used to reimburse the District for the following work tasks, if required:
 - i. Clean up and disposal of trash.
 - ii. BBQ cleaning or repair.
 - iii. Amenity repair including but not limited to tables, volley ball facility, bocce ball court, grass, walkways, fencing, bathroom facilities, etc.
- h. Unused monies from the damage deposit will be refunded.
- i. If a reservation is cancelled less than seven days before the event, 10% of the damage deposit will be forfeited.

6. Passes:

- a. See the Annual Fee Schedule for a list of fees.
- b. The park passes that will be made available to the general public are as follows:
 - i. Single User Day Pass
 - ii. Family Day Pass
 - iii. Family Week Pass
 - iv. Family Season Pass (one pass card)
- c. A refundable deposit per card will be charged for all passes and returned upon receipt of the pass card.

Responsibility:

It is the responsibility of the General Manager to implement this policy.

Policy Number 6.2.0

Title:

PARK USE AND FEES

Introduction:

This policy has been developed to establish a use and fee policy for the park.

Ends:

1. General Use:
 - a. The park shall be open to the public on a pay-to-use basis.
 - b. There shall be no exclusive use of the park.
 - c. The park shall be open during daylight hours.
 - d. All users shall adhere to the Park Rules.
 - e. Use of the park is at the user's own risk. Each park user, individual, family, group, or organization, is required to sign a waiver and release form for all claims for damages, death, personal injury, or property damages against ASCWD.
 - f. No music or amplifiers louder than 60 dB metered at the front gate shall be allowed.
2. Guest Use:
 - a. Household guests who are staying at the home of a season pass holder may use the park at no extra cost when accompanied by a pass holder.
 - b. Only household members may share a Season Pass. Adults from different households must purchase their own pass.
 - c. Renters are not considered household guests and must purchase their own passes.
3. Fees (see Annual Fee Schedule):
 - a. The Fee Schedule will be reviewed annually by the Park Committee and approved by the ASCWD Board of Directors.
 - b. The fees will be determined based on the cost of maintaining the park.
 - c. Group fees will be determined based on the size of the group.
 - d. The Fee Schedule will be posted at the District Office by April of each year, announced in the spring newsletter, on the District website www.alpinesprings.org and included with the Park Use contract.
4. Group Use:
 - a. Prior reservations are required for group use.
 - b. No more than two groups of 25 or fewer persons or one group of 26 or more persons shall be scheduled during any one day.
 - c. A damage deposit will be required and shall be used to reimburse the District for the following work tasks, if required:
 - i. Clean up and disposal of trash.
 - ii. BBQ cleaning or repair.
 - iii. Amenity repairs including, but not limited to, tables, volleyball facility, bocce ball court, grass, walkways, fencing, bathroom facilities, etc.
 - d. Unused monies from the damage deposit will be refunded.
 - e. No music or amplifiers louder than 60 dB metered at the front gate shall be allowed.
 - f. If a reservation is cancelled less than seven days before the event, 10% of the damage deposit will be forfeited.

5. Large Group Use:

“Large Groups” consist of parties of 76 to 100 persons.

- a. Prior to June 15 and after August 1, one Large Group may be scheduled per weekend. (Saturdays or Sundays) after 3 pm.
- b. From June 15 to August 1, no Large Groups will be allowed to use the Park on weekends (Saturdays and Sundays).
- c. Large Groups may be scheduled Monday through Friday after 3:00 p.m.
- d. No Large Group shall be allowed to use the Park during the three-day weekends of Memorial Day, Labor Day or 4th of July.
- e. No music or amplifiers louder than 60 Db metered at the front gate shall be allowed.
 - i. Music or amplifiers must be set up on lower lawn in the vicinity of the Bocce Ball Court.
- f. See the annual Fee Schedule for charges.
- g. In addition, a damage deposit shall be required and shall be used to reimburse the District for the following work tasks, if required:
 - i. Clean up and disposal of trash.
 - ii. BBQ cleaning or repair.
 - iii. Amenity repair including but not limited to tables, volleyball facility, bocce ball court, grass, walkways, fencing, bathroom facilities, etc.
- h. Unused monies from the damage deposit will be refunded.
- i. If a reservation is cancelled less than seven days before the event, 10% of the damage deposit will be forfeited.

6. Passes:

- a. See the Annual Fee Schedule for a list of fees.
- b. The park passes that will be made available to the general public are as follows:
 - i. Single User Day Pass
 - ii. Family Day Pass
 - iii. Family Week Pass
 - iv. Family Season Pass (one pass card)
- c. A refundable deposit per card will be charged for all passes and returned upon receipt of the pass card.

Responsibility:

It is the responsibility of the General Manager to implement this policy.

2021~~0~~ PARK PASS APPLICATION

Name _____

Local Address _____

Mailing Address _____

Local Phone _____ Other Phone (____) _____

SEASON PASSES ARE FOR THE USE OF ONE HOUSEHOLD ONLY!!!

Park Pass Options: Single User Day Pass \$ 10 Family Week Pass \$ ~~60~~75
 Family Day Use Pass \$ 20 Family Season Pass \$~~150~~180

A **\$25.00** deposit is required for the pass card, which is refunded when the card is returned. Complete the application and sign below. **Limit of one card for each Family Season Pass. Make your check payable to ASCWD** and mail or bring it to: ASCWD, 270 Alpine Meadows Road, Alpine Meadows, CA 96146.

ALPINE SPRINGS COMMUNITY PARK – RULES

OPEN DURING DAYLIGHT HOURS

Swim at your own risk – no lifeguard on duty

CHILDREN UNDER 12 MUST BE SUPERVISED BY AN ADULT

NO: •Dogs •Skateboards ~~or~~ •Skimboards •Smoking •Open fires

DO NOT PROP THE GATE OPEN

Anyone caught vandalizing this property will be prosecuted to the full extent of the law.

GUEST POLICY

- Season pass holders may bring “household guests” **who are staying in their home** at no extra cost when accompanied by a pass holder.
- Renters are not considered household guests and must purchase their own passes

I, _____ (insert your name here) hereby acknowledge that I have read the Alpine Springs Community Park Rules. I understand that I and members of my household are responsible for abiding by the rules and that violation of the rules may result in forfeiture of my/our pass privileges.

Signature _____ Date _____

WAIVER & RELEASE: READ THIS CAREFULLY BEFORE YOU SIGN. In consideration of the acceptance of my park pass application, I hereby waive, release and discharge any and all claims for damages, death, personal injury or property damage which I may have against the Alpine Springs County Water District, its officers, agents and employees arising out of, related to or in any way connected with this park pass or the use of the Alpine Springs Community Park (“Park”) pursuant to this pass. I further understand that accidents and injuries can arise out of use of the Park; knowing those risks, nevertheless, I hereby agree to assume those risks and to release and hold harmless all of the entities and persons mentioned above who might otherwise be liable to me, my heirs or assigns. I further agree to indemnify, defend and hold harmless the District, its officers, agents and employees from any and all claims resulting from damages, death, personal injury or property damage arising out of, related to or in any way connected with this park pass or the use of the Park pursuant to this pass. I further understand that this waiver, release and assumption of risk is to be binding on my heirs and assigns. **I HAVE READ THIS RELEASE CAREFULLY. I UNDERSTAND AND VOLUNTARILY ASSUME THE RISKS INVOLVED.**

Signature _____ Date _____

Pass card Number _____ (To be filled in by District staff)

2021 PARK PASS APPLICATION

Name _____

Local Address _____

Mailing Address _____

Local Phone _____ Other Phone (____) _____

SEASON PASSES ARE FOR THE USE OF ONE HOUSEHOLD ONLY!!!

Park Pass Options: Single User Day Pass \$ 10 Family Week Pass \$ 75
 Family Day Use Pass \$ 20 Family Season Pass \$180

A **\$25.00** deposit is required for the pass card, which is refunded when the card is returned. Complete the application and sign below. **Limit of one card for each Family Season Pass. Make your check payable to ASCWD** and mail or bring it to: ASCWD, 270 Alpine Meadows Road, Alpine Meadows, CA 96146.

ALPINE SPRINGS COMMUNITY PARK – RULES

OPEN DURING DAYLIGHT HOURS

Swim at your own risk – no lifeguard on duty

CHILDREN UNDER 12 MUST BE SUPERVISED BY AN ADULT

NO: •Dogs •Skateboards •Skimboards •Smoking •Open fires

DO NOT PROP THE GATE OPEN

Anyone caught vandalizing this property will be prosecuted to the full extent of the law.

GUEST POLICY

- Season pass holders may bring “household guests” **who are staying in their home** at no extra cost when accompanied by a pass holder.
- Renters are not considered household guests and must purchase their own pass.

I, _____ (insert your name here) hereby acknowledge that I have read the Alpine Springs Community Park Rules. I understand that I and members of my household are responsible for abiding by the rules and that violation of the rules may result in forfeiture of my/our pass privileges.

Signature _____ Date _____

WAIVER & RELEASE: READ THIS CAREFULLY BEFORE YOU SIGN. In consideration of the acceptance of my park pass application, I hereby waive, release and discharge any and all claims for damages, death, personal injury or property damage which I may have against the Alpine Springs County Water District, its officers, agents and employees arising out of, related to or in any way connected with this park pass or the use of the Alpine Springs Community Park (“Park”) pursuant to this pass. I further understand that accidents and injuries can arise out of use of the Park; knowing those risks, nevertheless, I hereby agree to assume those risks and to release and hold harmless all of the entities and persons mentioned above who might otherwise be liable to me, my heirs or assigns. I further agree to indemnify, defend and hold harmless the District, its officers, agents and employees from any and all claims resulting from damages, death, personal injury or property damage arising out of, related to or in any way connected with this park pass or the use of the Park pursuant to this pass. I further understand that this waiver, release and assumption of risk is to be binding on my heirs and assigns. **I HAVE READ THIS RELEASE CAREFULLY. I UNDERSTAND AND VOLUNTARILY ASSUME THE RISKS INVOLVED.**

Signature _____ Date _____

Pass card Number _____ (To be filled in by District staff)

PARK, RECREATION & GREENBELT COMMITTEE
FEE SCHEDULE
For the 20210 Season

Pass Fees:

- Single User Day Pass - \$10.00
- Family Day Pass – \$20.00
- Family Week Pass – ~~\$60~~75.00
- Family Season Pass – ~~\$150~~180.00

A refundable deposit of \$25.00 per each pass card will be charged and returned upon receipt of the pass card. Limit of one card for each Family Season Pass.

Group Fees:

- 1-10 persons – \$25
- 11 to 25 persons – \$50.00
- 26 to 50 persons – \$100.00
- 51 to 75 persons – \$200.00
- 76 to ~~99~~100 persons - \$400.00
- ~~100 to 150 persons – \$1,250.00~~
- ~~151 to 200 persons – \$2,500.00~~

For groups 1 persons to ~~150~~50 persons, ~~\$200~~250.00 damage deposit will be charged for clean-up/breakage/repairs.

For groups ~~151-200~~51-100 persons, ~~\$1,000~~500.00 damage deposit will be charged for clean-up/breakage/repairs.

Unused monies from the damage deposit will be refunded.

Additional fees may apply depending on group activity.

If a reservation is cancelled less than seven days before the event, 10% of the damage deposit will be forfeited.

BBQ use fee – extra \$10.00 per BBQ

PARK, RECREATION & GREENBELT COMMITTEE
FEE SCHEDULE
For the 2021 Season

Pass Fees:

- **Single User Day Pass - \$10.00**
- **Family Day Pass – \$20.00**
- **Family Week Pass – \$75.00**
- **Family Season Pass – \$180.00**

A refundable deposit of \$25.00 per each pass card will be charged and returned upon receipt of the pass card. Limit of one card for each Family Season Pass.

Group Fees:

- **1-10 persons – \$25**
- **11 to 25 persons – \$50.00**
- **26 to 50 persons – \$100.00**
- **51 to 75 persons – \$200.00**
- **76 to 100 persons - \$400.00**

For groups 1 persons to 50 persons, \$250.00 damage deposit will be charged for clean-up/breakage/repairs.

For groups 51-100 persons, \$500.00 damage deposit will be charged for clean-up/breakage/repairs.

Unused monies from the damage deposit will be refunded.

Additional fees may apply depending on group activity.

If a reservation is cancelled less than seven days before the event, 10% of the damage deposit will be forfeited.

BBQ use fee – extra \$10.00 per BBQ

Exhibit E4



AGENDA NO: E4

MEETING DATE: 03/12/2021

Staff Report

TO: ASCWD Board of Directors

Date: March 7, 2021

FROM: Joe Mueller, General Manager

SUBJECT: Discuss Alpine Springs County Water District General Manager Inclusion on Discretionary Boards.

BACKGROUND

At the February 12, 2021 Board Meeting, District staff presented notice of three opportunities for District Board of Director inclusion on discretionary boards. The opportunities were with the following agencies:

1. Special District Risk Management Authority (SDRMA) for the January 1, 2022 through December 31, 2025 term
2. California Special Districts Association (CSDA) for the 2022-24 term.
3. Placer County Local Agency Formation Commission (PLAFCO) for a four-year term expiring in May 2024

As a result of the Board's discussion of these opportunities, the Board requested that the General Manager consider the opportunity to serve on the CSDA board and/or the SDRMA Board.

DISCUSSION

In response to Board direction to explore the General Manager serving on the CSDA and/or SDRMA Boards, staff spoke to agency staff and special district colleagues in the Truckee/Tahoe area. Staff have learned that the incumbent for the CSDA Board, Noelle Mattock from El Dorado Hills CSD is running and the general consensus is he has done a good job representing the interest of District's in our area. As such, staff does not recommend challenging a respected incumbent who is already providing quality representation to our region. When a future opportunity arise with CSDA staff would reconsider seeking representation on this Board.

With respect to the SDRMA Board, staff is not recommending having the General Manager seek inclusion on this Board. As a small district Risk Management as it pertains to property / liability, worker's compensation, health benefits coverages and comprehensive risk management is not an area that the District and General Manager deals with frequently to be well versed. As such staff feels the District and SDRMA would be better served to have the General Manager focus on local District needs and continuing to learn the District, past policies and actions as well as focusing on the future. As the General Manager becomes more tenured it may be appropriate to reconsider inclusion on this Board at a future date.

FISCAL IMPACT

There is no fiscal impact to this action.

Exhibit F1

EXHIBIT WILL
BE ISSUED AT
THE BOARD
MEETING

TREASURER REPORT FEBUARY 2021

				Period Ending	
				28-Feb-21	Interest Rate
1. Wells Fargo Advisors					
	A. Money Market			\$1,590	0.01%
	B. CD's				
	Amount	Rate	Maturity Date		
	\$17,000	0.10%	April 29, 2021		
	<u>\$17,000</u>	0.10%		\$17,000	0.10%
	Total			<u>\$18,590</u>	0.09%
2. Bank of the West					
	A. Checking			\$451,370	0.00%
	Total			<u>\$451,370</u>	0.00%
3. LAIF					
	Total			<u>\$172,976</u>	0.407%
4. Placer County Treasurer					
January 2021 data					
	Total			<u>\$353,898</u>	0.29%
5. CERBT Account interest is calculated as rate of return					
	Total			<u>\$33,566</u>	-1.91%
	Total			<u>\$1,030,400</u>	0.11%

Exhibit F2

EXHIBIT WILL
BE ISSUED AT
THE BOARD
MEETING

Exhibit F3

EXHIBIT WILL
BE ISSUED AT
THE BOARD
MEETING