

Amador Regional Sanitation Authority

“Servicing Amador City, Martell, & Sutter Creek”

AGENDA

JANUARY 25, 2023

10:00 A.M. SPECIAL Meeting

33 Church Street, Sutter Creek CA 95685

The Agenda can be found on the City of Sutter Creek’s Website: www.cityofsuttercreek.org

THIS MEETING WILL BE CONDUCTED IN-PERSON AT 33 CHURCH STREET

and available by Zoom:

Join Zoom Meeting

<https://us02web.zoom.us/j/9568520224>

or

Dial by phone:

301-715-8592

Meeting ID: 956 852 0224

Public comment will be accepted by email at info@cityofsuttercreek.org. All emails must be received prior to the start of the meeting.

10:00 a.m.

1. REGULAR MEETING: CALL TO ORDER AND ESTABLISH A QUORUM –

2. PLEDGE OF ALLEGIANCE TO THE FLAG

3. PUBLIC FORUM

Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject within the jurisdiction of the Amador Regional Sanitation Authority; however, any matter that requires action may be referred to staff and/or Committee for a report and recommendation for possible action at a subsequent Board meeting. Please note – there is a five (5) minute limit per topic.

4. INFORMATION/CORRESPONDENCE

This section provides informational updates regarding staff activities and operations where no Board action is required.

A. Engineer’s Report

For information only.

5. CONSENT AGENDA

Items listed on the consent agenda are considered routine and may be enacted in one motion. Any item may be removed for discussion at the request of the Board or the Public.

A. Minutes of November 30, 2022

Recommendation: Approve Minutes of November 30, 2022

B. Approval of Warrants

Recommendation: Approve warrants.

C. 2021-22 Budget Update

Recommendation: For information only.

D. System Status Report

Recommendation: For information only.

6. ADMINISTRATIVE AGENDA

A. Inundation Mapping overview

Recommendation: For information and staff direction.

7. GENERAL MANAGER'S REPORT

A. Update regarding City of Sutter Creek wastewater treatment plant activities.

Recommendation: For information only.

B. Amy Gedney's resignation as City Manager

Recommendation: For information and staff direction.

8. BOARD MEMBER REPORTS

9. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION

Pursuant to Gov. Code § 54956.9(d)(1):

Amador Regional Sanitation Authority v. City of Ione, et al.

(Case No. 22-CV-12824)

10. REPORT FROM CLOSED SESSION

ADJOURN

Amador Regional Sanitation Authority

"Servicing Amador City, Martell, & Sutter Creek"

TO: ARSA BOARD OF DIRECTORS
MEETING DATE: OCTOBER 26, 2022
FROM: MATT OSPITAL, PE
SUBJECT: PROJECT STATUS UPDATE

The following is a status update of all projects WGA is currently working on:

1. **Henderson Underdrain Repair** – A second rounds of comments was received from DSOD on 9/28/22. Stantec revised the plans addresses DSOD's comments and I resubmitted the revised plans and a response to comments letter on December 22, 2022. Currently awaiting a response from DSOD.
2. **CIP** – Continuing to work on cost estimates and exhibits for various capital improvement projects. CIP cost estimates are 85% completed. Goal is to complete the draft list of projects, exhibits, estimates by the middle of February. CIP will be presented at the February ARSA board meeting.
3. **Henderson and Preston Reservoir Dam Emergency Action Plans (EAPs)** – On November 29, 2022 Cal OES notified ARSA that both the Henderson and the Preston Reservoir Emergency Action Plans (EAPs) were approved. To closeout this process, the State requires all public outreach be completed and hard copies of each EAP be delivered to the key participants and emergency agencies that were coordinated with to complete the plan. WGA has commenced with completing these final activities.

Amador Regional Sanitation Authority

*“Servicing Amador City,
Martell, & Sutter Creek”*

MINUTES SPECIAL MEETING OF THE BOARD OF DIRECTORS November 30, 2022

Present:

Robin Peters, Chairman
Richard Forster, Vice Chairman
Susan Bragstad, Board Member
Jim Swift, Board Member
Frank Axe, Board Member

Staff Present:

Amy Gedney
Karen Darrow
Corey Stone
Jodi Steneck

1. **REGULAR MEETING: CALL TO ORDER AND ESTABLISH A QUORUM**
Meeting called to order by Chairman Peters at 10:00 A.M.
2. **PLEDGE OF ALLEGIANCE TO THE FLAG**
Chairman Peters led the Pledge of Allegiance.
3. **PUBLIC FORUM- None.**
4. **INFORMATION/CORRESPONDENCE**
 - A. Engineer's Report
For information only.
General Manager Gedney reported that the design plans for the underdrain repair will be submitted on December 7th and she hopes to receive plan approval in February.
5. **CONSENT AGENDA**
Items listed on the consent agenda are considered routine and may be enacted in one motion. Any item may be removed for discussion at the request of the Board or the Public.
 - A. Minutes of October 28, 2022
Recommendation: Approve Minutes of October 28, 2022
 - B. Approval of Warrants
Recommendation: Approve warrants.
 - C. 2021-22 Budget Update
Recommendation: For information only.
 - D. System Status Report
Recommendation: For information only.

6E. AB361 Teleconference Requirements

This item was pulled due to an omission of attachments.

M/S Forster/Axe to Approve the Consent Agenda, with minor edits to the minutes.

AYES: Axe, Bragstad, Forster, Swift and Peters

NOES: None

ABSTAIN: None

ABSENT: None

MOTION CARRIED

6. ADMINISTRATIVE AGENDA

A. Loan Deferment with the City of Sutter Creek

Recommendation: Adopt Resolution 22-23- approving an extension of the contract between ARSA and the City of Sutter Creek for a \$450,000 loan agreement.*

Sutter Creek Accounting Supervisor Jodi Steneck explained that both the principal and interest are currently being deferred and that noted that the interest rate is tied to the LAIF rate.

Board member Bragstad suggested that at least the interest should be paid back per the audit recommendation.

General Manager Gedney noted that eighty percent of the money is Sutter Creek's money that is going to be needed to be put towards ARSA.

Chairman Peters noted that it is not Sutter Creek versus ARSA.

M/S Forster/Axe to Adopt Resolution 22-23-01 approving an extension of the contract between ARSA and the City of Sutter Creek for a \$450,000 loan agreement, as amended.

AYES: Axe, Forster, Swift and Peters

NOES: Bragstad

ABSTAIN: None

ABSENT: None

MOTION CARRIED

7. GENERAL MANAGER'S REPORT

8. BOARD MEMBER REPORTS- None.

Adjourn to closed session at 10:29 a.m.

9. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION

Pursuant to Gov. Code § 54956.9(d)(1):

Amador Regional Sanitation Authority v. City of Ione, et al.

(Case No. 22-CV-12824)

10 REPORT FROM CLOSED SESSION

Direction given to staff.

ADJOURN

The meeting was adjourned at 11:43 a.m.

Karen Darrow, Secretary

Robin Peters, Chairman

Date Approved:

Warrant List

January 2023

Date	Name/Account	Type	Num	Amount
	City of Sutter Creek	Bill Pmt -Check	1712	
01/11/2023	Contract with COSC	Bill	2023-01	20,812.75
01/11/2023	Overtime	Bill	2023-01	3,468.58
TOTAL				24,281.33
	Hunt & Sons, Inc.	Bill Pmt -Check	1713	
12/31/2022	Fuel	Bill	929634	269.51
01/15/2023	Fuel	Bill	942644	312.10
TOTAL				581.61
	Ione ACE Hardware	Bill Pmt -Check	1714	
11/11/2022	Repairs & Maintenance	Bill	A445166	46.95
11/28/2022	Repairs & Maintenance	Bill	A446820	52.11
TOTAL				99.06
	Weber, Ghio & Associates, Inc.	Bill Pmt -Check	1715	
01/09/2023	General Engineering	Bill	11173	2,279.38
01/09/2023	Henderson Dam Repair	Bill	11174	1,063.75
TOTAL				3,343.13

Budget vs. Actual

July through December 2022

	Budget	Jul - Dec 22	% of Budget	YE Projections
Income				
Interest Income	150.00	41.06	27.37%	150.00
Reimbursed Expenses	19,000.00	0.00	0.0%	19,000.00
Use Fee Revenue				
Amador City	18,823.00	9,411.50	50.0%	18,823.00
Amador Water Agency	95,768.00	47,884.00	50.0%	95,768.00
City of Sutter Creek	521,321.00	260,660.50	50.0%	521,321.00
Total Use Fee Revenue	635,912.00	317,956.00	50.0%	635,912.00
Total Income	655,062.00	317,997.06	48.55%	655,062.00
Expense				
Employee Services				
Contract with COSC	249,753.00	118,542.08	47.46%	249,753.00
Overtime	15,000.00	50,303.44	335.36%	65,000.00
Operations				
Audit & Accounting	6,000.00	4,500.00	75.0%	6,000.00
Contingency	50,860.00	0.00	0.0%	50,860.00
Engineering				
Inundation mapping	10,000.00	5,275.75	52.76%	10,000.00
Engineering - Other	25,000.00	17,807.55	71.23%	25,000.00
Flood Control	2,100.00	0.00	0.0%	2,100.00
Fuel	13,000.00	11,552.79	88.87%	15,000.00
General Supplies	500.00	344.75	68.95%	500.00
Legal	50,000.00	110,949.44	221.9%	125,000.00
Membership Dues	1,700.00	1,559.44	91.73%	1,700.00
O&M Building/Structures	1,500.00	1,400.00	93.33%	1,500.00
O&M Equipment	0.00	56,892.93	100.0%	60,000.00
Professional Services	0.00	40,756.40	100.0%	45,000.00
Repairs & Maintenance	20,000.00	9,400.91	47.01%	20,000.00
Risk Management - Liability	21,000.00	21,071.32	100.34%	21,071.32
Taxes/Fees/Licenses	68,000.00	26,089.21	38.37%	68,000.00
Tertiary Treatment Fees	95,000.00	16,992.75	17.89%	95,000.00
Vehicle Maintenance	5,000.00	2,162.18	43.24%	5,000.00
Weed Control	1,500.00	0.00	0.0%	1,500.00
Total Expense	635,913.00	495,600.94	77.94%	867,984.32

10:16 AM

Amador Regional Sanitation Authority (ARSA)

01/18/23

Balance Sheet

Accrual Basis

As of December 31, 2022

	Dec 31, 22
ASSETS	
Current Assets	
Checking/Savings	
10000 · Checking - Umpqua	368,989.98
10010 · Savings - Umpqua	297,138.90
Total Checking/Savings	666,128.88
Accounts Receivable	
11000 · Accounts Receivable	317,956.00
Total Accounts Receivable	317,956.00
Total Current Assets	984,084.88
Fixed Assets	
101707 · Capital Replacement Fund	292,432.03
101708 · ARSA District	15,588.59
150620 · Long Term Assets Structures	1,884,800.13
150621 · Long Term Assets Structures Dep	-1,884,800.15
150630 · Long Term Assets Equipment	151.00
150631 · Long Term Assets Equipment Depr	-151.00
35000 · Investment in Capital Assets	841,648.00
Total Fixed Assets	1,149,668.60
Other Assets	
120000 · Note Receivable	450,000.00
120100 · Accrued Interest Receivable	166,430.19
Total Other Assets	616,430.19
TOTAL ASSETS	2,750,183.67
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
20000 · Accounts Payable	222.83
Total Accounts Payable	222.83
Total Current Liabilities	222.83
Total Liabilities	222.83
Equity	
30000 · Opening Balance Equity	2,956,020.55
32000 · Retained Earnings	-389,647.61
Net Income	183,587.90
Total Equity	2,749,960.84
TOTAL LIABILITIES & EQUITY	2,750,183.67

4:09 PM

01/17/23

Amador Regional Sanitation Authority (ARSA)

Reconciliation Summary

10000 - Checking - Umpqua, Period Ending 12/31/2022

	Dec 31, 22
Beginning Balance	613,650.90
Cleared Transactions	
Checks and Payments - 8 items	-115,755.85
Deposits and Credits - 2 items	23,946.55
Total Cleared Transactions	-91,809.30
Cleared Balance	521,841.60
Uncleared Transactions	
Checks and Payments - 9 items	-152,851.62
Total Uncleared Transactions	-152,851.62
Register Balance as of 12/31/2022	368,989.98
Ending Balance	368,989.98

4:09 PM

01/17/23

Amador Regional Sanitation Authority (ARSA)

Reconciliation Summary

10010 - Savings - Umpqua, Period Ending 12/31/2022

	Dec 31, 22
Beginning Balance	297,131.41
Cleared Transactions	
Deposits and Credits - 1 item	7.49
Total Cleared Transactions	7.49
Cleared Balance	297,138.90
Register Balance as of 12/31/2022	297,138.90
Ending Balance	297,138.90

Date	Sutter Creek WWTP Flow (mg)	Sutter Creek WWTP (ac ft)	Bowers Irrigation (mg)	Bowers Volume irrigated (ac ft)	Henderson Freeboard	Volume in Henderson (af)	Capacity Remaining in Henderson	Henderson Outflow (mg)	Henderson outflow (ac ft)	Hoskins Irrigation (mg)	Hoskins Volume irrigated (ac ft)	Mule Creek Inflow (mg)	Mule Creek Inflow (ac ft)	Preston Freeboard	Volume in Preston (af)	Capacity Remaining in Preston (ac ft)	Outflow to Ione (mg)	Volume sent to Ione (ac ft)	TOTAL Ac Ft of Effluent in the system	TOTAL Remaining Capacity for Winter (ac ft)	TOTAL USED FOR IRRIGATION (ac ft)
2015																				0.0	
1/31/2015	9.7	29.8	0.0	0.0	10'	195.8	254.2	4.2	12.9	0.0	0.0	0.0	0.0	10'5"	105.3	129.7	0.0	0.0		326.8	0.0
2/28/2015	13.3	40.8	0.0	0.0	7'1"	259.5	190.5	6.6	20.3	0.0	0.0	0.0	0.0	8'8"	127.3	107.7	0.0	0.0	386.76	241.2	0.0
3/31/2015	9.7	29.8	0.0	0.0	6'5"	275.3	174.7	12.3	37.7	1.7	5.2	0.1	0.3	6'8"	154.9	80.1	0.0	0.0	430.16	197.8	5.2
4/30/2015	8.5	26.1	0.0	0.0	5'9"	291.5	158.5	19.2	59.0	5.6	17.2	0.0	0.1	5'8"	169.7	65.3	8.8	27.0	461.25	166.8	44.2
5/31/2015	8.2	25.1	0.0	0.0	5'7"	295.7	154.4	12.7	38.9	7.3	22.4	0.0	0.0	9'3"	119.7	115.3	22.6	69.3	415.38	212.6	91.8
6/30/2015	7.2	21.9	5.7	17.4	8'7"	225.7	224.4	20.7	63.5	10.1	30.9	15.8	48.4	8'9"	126.2	108.8	28.3	86.8	351.83	276.2	135.2
7/31/2015	7.2	22.1	6.6	20.3	12'3"	152.8	297.2	22.7	69.7	10.0	30.7	24.8	76.1	8'1"	135.1	100.0	32.6	100.1	287.82	340.2	151.1
8/31/2015	7.5	23.0	7.5	23.0	15'9"	96.2	353.8	16.9	51.9	10.3	31.6	23.3	71.5	7'2"	147.7	87.3	32.6	99.9	243.94	384.1	154.5
9/30/2015	7.6	23.3	5.8	17.8	19'6"	49.7	400.3	14.6	44.8	6.5	19.9	15.6	47.8	8'9"	126.2	108.8	31.4	96.2	175.89	452.1	133.9
10/31/2015	7.8	23.9	4.5	13.8	24'1"	12.7	437.3	19.7	60.5	5.8	17.8	0.0	0.0	10'9"	101.4	133.6	23.0	70.6	114.09	513.9	102.2
11/30/2015	8.4	25.8	0.0	0.0	21'1"	34.5	415.5	3.9	12.1	0.0	0.0	0.0	0.0	14'6"	62.3	172.7	10.9	33.4	96.76	531.2	33.4
12/31/2015	13.4	41.1	0.0	0.0	17'2"	76.9	373.1	9.8	30.1	0.0	0.0	0.0	0.0	14'	67.0	168.0	6.6	20.2	143.89	484.1	20.2
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	108.4	332.6	30.1	92.3				163.4	501.3	57.3	175.8	79.6	244.2				196.6	603.5		0.0	871.6
2016																				0.0	
1/31/2016	19.0	58.2	0.0	0.0	12'1"	155.8	294.2	12.4	38.0	0.0	0.0	0.0	0.0	11'4"	94.7	140.3	3.9	12.1	250.47	377.5	12.1
2/29/2016	10.7	32.8	0.0	0.0	10'9"	180.9	269.1	17.8	54.6	0.0	0.0	0.0	0.0	8'7"	128.4	106.6	4.0	12.4	309.27	318.7	12.4
3/31/2016	17.7	54.2	0.0	0.0	8'7"	225.7	224.4	15.1	46.3	0.0	0.0	0.0	0.0	5'7"	171.0	64.0	3.4	10.3	396.64	231.4	10.3
4/30/2016	10.7	32.8	0.0	0.0	8'5"	229.3	220.7	13.7	42.0	0.0	0.0	0.0	0.0	5'7"	171.0	64.0	9.1	27.8	400.29	227.7	27.8
5/31/2016	9.3	28.5	0.0	0.0	9'9"	201.0	249.1	23.0	70.7	0.0	0.0	0.0	0.0	7'7"	141.9	93.1	27.3	83.8	342.85	285.2	83.8
6/30/2016	8.3	25.3	2.9	8.9	14'4"	117.6	332.4	32.2	99.0	2.2	6.6	0.0	0.0	9'8"	114.5	120.5	36.0	110.4	232.06	395.9	125.9
7/31/2016	9.0	27.6	9.0	27.6	20'1"	43.8	406.2	25.4	78.0	5.3	16.4	35.9	110.3	7'6"	143.1	92.0	40.9	125.6	186.84	441.2	169.5
8/31/2016	9.2	28.2	9.2	28.2	22'3"	24.9	425.1	8.7	26.6	3.2	9.9	32.9	101.0	8'3"	132.8	102.2	44.1	135.4	157.68	470.3	173.6
9/30/2016	8.3	25.5	6.3	19.2	25'8"	5.0	445.0	10.8	33.2	2.2	6.6	10.3	31.6	13'2"	75.1	159.9	37.5	115.1	80.06	547.9	140.9
10/31/2016	11.0	33.8	2.5	7.6	23'2"	18.4	431.7	5.9	18.2	0.0	0.0	4.0	12.3	14'4"	63.8	171.2	6.4	19.5	82.18	545.8	27.2
11/30/2016	11.2	34.5	0.0	0.0	20'8"	38.2	411.8	5.3	16.3	0	0.0	0.0	0.0	14'2"	65.4	169.6	0.0	0.0	103.6	524.4	0.0
12/31/2016	16.5	50.5	0.0	0.0	16'8"	83.5	366.5	10.4	32.0	0.0	0.0	0.0	0.0	11'6"	92.8	142.2	0.0	0.0	176.32	451.7	0.0
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	140.8	432.0	29.8	91.5				180.8	554.9	12.9	39.6	83.2	255.2				212.6	652.5		0.0	783.5

ARSA SYSTEM FLOW AND VOLUME
2014 - Present

Date	Sutter Creek WWTP Flow (mg)	Sutter Creek WWTP (ac ft)	Bowers Irrigation (mg)	Bowers Volume irrigated (ac ft)	Henderson Freeboard	Volume in Henderson (af)	Capacity Remaining in Henderson	Henderson Outflow (mg)	Henderson outflow (ac ft)	Hoskins Irrigation (mg)	Hoskins Volume irrigated (ac ft)	Mule Creek Inflow (mg)	Mule Creek Inflow (ac ft)	Preston Freeboard	Volume in Preston (af)	Capacity Remaining in Preston (ac ft)	Outflow to Ione (mg)	Volume sent to Ione (ac ft)	TOTAL Ac Ft of Effluent in the system	TOTAL Remaining Capacity for Winter (ac ft)	TOTAL USED FOR IRRIGATION (ac ft)
2017																				0.0	
1/31/2017	30.9	94.8	0.0	0.0	9'3"	211.4	238.6	10.7	32.8	0.0	0.0	0.0	0.0	6'8"	154.9	80.1	0.0	0.0	366.25	261.8	0.0
2/28/2017	26.5	81.3	0.0	0.0	4'1"	334.2	115.8	10.2	31.4	0.0	0.0	0.0	0.0	4'4"	190.6	44.4	0.0	0.0	524.72	103.3	0.0
3/31/2017	15.5	47.6	0.0	0.0	1'5"	408.4	41.6	14.1	43.3	0.0	0.0	0.0	0.0	1'5"	240.4	-5.4	1.5	4.7	648.74	-20.7	4.7
4/30/2017	16.1	49.5	0.0	0.0	1'6"	405.9	44.1	34.9	107.3	0.0	0.0	0.0	0.0	1'8"	235.9	-0.9	5.9	18.2	641.82	-13.8	18.2
5/31/2017	9.6	29.4	0.0	0.0	3'7"	347.5	102.5	38.0	116.6	2.7	8.4	0.0	0.0	1'2"	244.9	-9.9	27.4	83.9	592.42	35.6	92.4
6/30/2017	8.9	27.3	8.0	24.6	6'7"	271.3	178.7	36.0	110.5	8.8	27.0	0.0	0.0	3'2"	209.8	25.2	36.2	111.2	481.07	146.9	162.7
7/31/2017	8.6	26.4	8.7	26.7	11'	176.1	274.0	35.0	107.4	10.7	32.8	0.0	0.0	6'11"	151.3	83.7	41.8	128.3	327.34	300.7	187.8
8/31/2017	8.8	27.0	8.7	26.7	13'9"	127.0	323.0	20.6	63.1	8.6	26.4	0.0	0.0	7'6"	143.1	92.0	12.1	37.3	270.02	358.0	90.3
9/30/2017	8.7	26.7	8.7	26.7	16'2"	90.3	359.7	18.3	56.2	11.9	36.5	0.0	0.0	6'10"	152.5	82.5	0.0	0.0	242.81	385.2	63.2
10/31/2017	8.0	24.6	8.1	24.9	17'4"	74.8	375.2	13.8	42.3	9.4	28.8	0.0	0.0	9'7"	115.5	119.5	17.2	52.6	190.33	437.7	106.3
11/30/2017	11.5	35.3	0.9	2.7	14'10"	121.6	328.4	9.7	29.8	7.4	22.7	0.0	0.0	11'1"	97.5	137.5	27.2	83.5	219.1	408.9	108.9
12/31/2017	9.5	29.2	0.0	0.0	12'9"	143.9	306.1		0.0	6.3	19.3	0.0	0.0	10'6"	104.4	130.7	0.0	0.0	248.26	379.7	19.3
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	162.6	499.0	43.1	132.2				241.3		65.8	202.0	0.0	0.0				169.3	519.6		0.0	853.9
2018																				0.0	
1/31/2018	13.6	41.7	0	0.0	9'7"	206.1	243.9	8.4	25.8	0	0	0	0.0	8'8"	128.4	106.6	0.0	0.0	334.5	293.5	0.0
2/28/2018	8.7	26.7	0	0.0	7'10"	240.4	209.6	5.1	15.7	0	0.0	0	0.0	8'3"	133.9	101.1	0.0	0.0	374.3	253.7	0.0
3/31/2018	22.1	67.8	0	0.0	4'1"	332.9	117.1	8.00	24.6	0	0.0	0	0.0	5'11"	164.1	70.9	0.0	0.0	497	131.0	0.0
4/30/2018	14.1	43.3	0	0.0	3'9"	342.6	107.4	23.8	73.0	6.0	18.4	0	0.0	3'3"	200.9	34.1	1.2	3.5	543.5	84.5	21.9
5/31/2018	9.3	28.5	0	0.0	3'10"	340.6	109.4	16.9	51.9	9.9	30.4	0	0.0	8'2"	133.9	101.1	27.7	85.0	474.5	153.5	115.4
6/30/2018	8.4	25.8	5.3	16.3	5'8"	295.1	154.9	21.2	65.1	9.6	29.5	0	0.0	15'1"	59.6	175.4	37.7	115.8	354.7	273.3	161.5
7/31/2018	9.3	28.5	9.2	28.2	10'0"	193.7	256.3	35.4	108.6	9.5	29.2	0	0.0	22'0"	17.0	218.0	42.9	131.5	210.7	417.3	188.9
8/31/2018	9.7	29.8	9.7	29.8	11'7"	163.6	286.4	12	36.8	5.8	17.8	0	0.0	20'9"	22.0	213.0	0.0	0.0	185.6	442.4	47.6
9/30/2018	9	27.6	9	27.6	13'11"	123.9	326.1	16	49.1	10.7	32.8	0	0.0	19'3"	36.2	198.8	0.0	0.0	160.1	467.9	60.5
10/31/2018	8.9	27.3	8.9	27.3	15'2"	106.0	344.0	16.2	49.7	10.0	30.7	0	0.0	11'	45.6	189.4	0.0	0.0	151.6	476.4	58.0
11/30/2018	10.5	32.2	5.8	17.8	15'1"	107.2	342.8	14.9	45.7	5.6	17.2	0	0.0	14'10"	60.9	174.1	0.0	0.0	168.1	459.9	35.0
12/31/2018	11.7	35.9	0	0.0	13'6"	131.2	318.8	15.2	46.6	0	0.0	0	0.0	11'2"	94.9	140.1	0.0	0.0	226.1	401.9	0.0

ARSA SYSTEM FLOW AND VOLUME
2014 - Present

Date	Sutter Creek WWTP Flow (mg)	Sutter Creek WWTP (ac ft)	Bowers Irrigation (mg)	Bowers Volume irrigated (ac ft)	Henderson Freeboard	Volume in Henderson (af)	Capacity Remaining in Henderson	Henderson Outflow (mg)	Henderson outflow (ac ft)	Hoskins Irrigation (mg)	Hoskins Volume irrigated (ac ft)	Mule Creek Inflow (mg)	Mule Creek Inflow (ac ft)	Preston Freeboard	Volume in Preston (af)	Capacity Remaining in Preston (ac ft)	Outflow to Ione (mg)	Volume sent to Ione (ac ft)	TOTAL Ac Ft of Effluent in the system	TOTAL Remaining Capacity for Winter (ac ft)	TOTAL USED FOR IRRIGATION (ac ft)
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	135.3	415.2	47.9	147.0	0			193.1		67.1	205.9	0	0.0	0			109.4	335.9		0.0	688.8
2019																				0.0	
1/31/2019	17.4	53.4	0	0	10'5"	185.4	264.6	36.7	112.6	0	0	0	0.0	8'3"	132.8	102.2	0	0	318.2	309.8	0.0
2/28/2019	23.3	71.5	0	0.0	6'6"	271.9	178.1	4.8	14.7	0	0.0	0	0.0	6'6"	157.3	77.7	0	0.0	429.22	198.8	0.0
3/31/2019	20.2	62.0	0	0.0	3'6"	350.4	99.6	7.6	23.3	0	0.0	0	0.0	4'8"	185.2	49.8	0	0.0	535.64	92.4	0.0
4/30/2019	11.9	36.5	0	0.0	2'9"	271.4	178.6	15.8	48.5	4.2	12.9	0	0.0	3'2"	209.8	25.2	2	6.1	481.19	146.8	19.0
5/31/2019	12.7	39.0	0	0.0	3'6"	350.4	99.6	24.0	73.7	5.8	17.8	0	0.0	4'8"	185.2	49.8	20.9	64.1	535.64	92.4	81.9
6/30/2019	10	30.7	5.2	16.0	5'10"	288.5	161.5	26.5	81.3	12.3	37.7	0	0.0	7'3"	146.6	88.4	29	89.0	435.06	192.9	142.7
7/31/2019	7.6	23.3	9.9	30.4	8'11"	217.9	232.1	22.9	70.3	13.8	42.4	0	0.0	14'7"	61.5	173.5	40.6	124.6	279.44	348.6	197.3
8/31/2019	10	30.7	10	30.7	10'7"	184.2	265.8	13.4	41.1	11.8	36.2	0	0.0	17'2"	40.3	194.7	6.2	19.0	224.52	403.5	85.9
9/30/2019	9.6	29.5	9.4	28.8	12'6"	148.3	301.7	13.7	42.0	10.4	31.9	0	0.0	17'1"	40.9	194.1	0	0.0	189.23	438.8	60.8
10/31/2019	9	27.6	9	27.6	14'3"	119.6	330.4		0.0	12.2	37.4	0	0.0	16'5"	46.0	189.0	0	0.0	165.61	462.4	65.1
11/30/2019	7.2	22.1	5.1	15.7	14'1"	121.6	328.4	9.3	28.5	5.7	17.5	0	0.0	14'11"	58.5	176.5	0	0.0	180.14	447.9	33.1
12/31/2019	12.6	38.7	0	0.0	12'3"	152.2	297.8	0	0.0	0	0.0	0	0.0	13'2"	75.1	159.9	0	0.0	227.3	400.7	0.0
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	151.5	464.9	48.6	149.1	0			174.7		76.2	233.8	0	0.0	0			98.7	302.9		0.0	685.9
2020																				0.0	
1/31/2020	10.3	31.6	0	0.0	11'2"	172.9	277.1	8.5	26.1	0	0	0	0.0	12'2"	85.5	149.5	0	0	258.4	369.6	0.0
2/29/2020	8	24.6	0	0.0	10'7"	184.2	265.8	3.5	10.7	0	0.0	0	0.0	11'7"	91.9	143.1	0	0.0	276.08	351.9	0.0
3/31/2020	12.85	39.4	0	0.0	8'11"	214.9	235.1	7.4	22.7	0	0.0	0	0.0	10'1"	109.4	125.6	0	0.0	324.26	303.7	0.0
4/30/2020	12.61	38.7	0	0.0	7'8"	246.1	203.9	6.3	19.3	0	0.0	0	0.0	10'8"	102.4	132.6	8.84	27.1	348.5	279.5	27.1
5/31/2020	8.2	25.2	1.4	4.3	8'6"	227.5	222.5	4.2	12.9	7.5	23.0	0	0.0	13'11"	67.8	167.2	23.9	73.3	295.3	332.7	100.7
6/30/2020	8.3	25.5	8.3	25.5	11'6"	166.5	283.5	6.3	19.3	5.7	17.5	0	0.0	19'6"	25.1	209.9	28.9	88.7	191.6	436.4	131.7
7/31/2020	8.3	25.5	8.3	25.5	14'11"	108.5	341.5	19.2	58.9	3.9	12.0	0	0.0	15'10"	50.7	184.3	0	0.0	159.2	468.8	37.4
8/31/2020	8.3	25.5	8.3	25.5	17'11"	67.6	382.4	13.3	40.8	2.3	7.1	0	0.0	14'0"	67.0	168.0	0	0.0	134.56	493.4	32.5
9/30/2020	8.2	25.2	8.2	25.2	19'2"	53.3	396.7	8.4	25.8	2.3	7.1	14	43.0	13'0"	76.8	158.2	13.9	42.7	130.09	497.9	74.9
10/31/2020	8.8	27.0	8.8	27.0	21'2"	33.7	416.3	11.9	36.5	2.4	7.4	0	0.0	17'9"	36.2	198.8	23.4	71.8	69.86	558.1	106.2
11/30/2020	9.1	27.9	3.5	10.7	22'	26.8	423.2	7.62	23.4	2.3	7.1	0	0.0	18'8"	30.1	204.9	30.7	94.2	56.89	571.1	112.0
12/31/2020	9.9	30.4	0	0.0	21'0"	35.9	414.1	8.8	27.0	0	0.0	0	0.0	16'8"	44.1	190.9	0	0.0	79.97	548.0	0.0

ARSA SYSTEM FLOW AND VOLUME
2014 - Present

Date	Sutter Creek WWTP Flow (mg)	Sutter Creek WWTP (ac ft)	Bowers Irrigation (mg)	Bowers Volume irrigated (ac ft)	Henderson Freeboard	Volume in Henderson (af)	Capacity Remaining in Henderson	Henderson Outflow (mg)	Henderson outflow (ac ft)	Hoskins Irrigation (mg)	Hoskins Volume irrigated (ac ft)	Mule Creek Inflow (mg)	Mule Creek Inflow (ac ft)	Preston Freeboard	Volume in Preston (af)	Capacity Remaining in Preston (ac ft)	Outflow to Ione (mg)	Volume sent to Ione (ac ft)	TOTAL Ac Ft of Effluent in the system	TOTAL Remaining Capacity for Winter (ac ft)	TOTAL USED FOR IRRIGATION (ac ft)
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	112.86	346.3	46.8	143.6	0			105.42		26.4	81.0	14	43.0	0			129.64	397.8		0.0	622.5
2021																				0.0	
1/31/2021	12.6	38.7	0	0	17'6"	72.7	377.3	3.9	12.0	0	0.0	0	0.0	15'3"	55.6	179.4	0	0	128.3	499.7	0.0
2/29/2021	10.9	33.4	0	0	16'1"	91.5	358.5	2.6	8.0	0	0.0	0	0.0	14'9"	60.0	175.0	0	0.0	151.49	476.5	0.0
3/31/2021	11.9	36.5	0	0	13'1"	138.2	311.9	3.5	10.7	0	0.0	0	0.0	14'7"	61.5	173.5	0	0.0	199.65	428.4	0.0
4/30/2021	10.2	31.3	0	0	14'7"	113.7	336.4		0.0	0	0.0	0	0.0	16'11"	42.2	192.8	20.7	63.5	155.85	472.2	63.5
5/31/2021	10.7	32.8	6.6	20.3	19'10"	46.3	403.7	27.2	83.5	0	0.0	0	0.0	21'4"	15.7	219.3	36.2	111.1	61.97	566.0	131.3
6/30/2021	10.4	31.9	7.4	22.7	21'5"	31.6	418.4	8.7	26.7	0	0.0	0	0.0	20'10"	18.0	217.0	1.9	5.8	49.6	578.4	28.5
7/31/2021	10.2	31.3	7.1	21.8	22'1"	26.2	423.8	3.9	12.0	0.2	0.5	0	0.0	21'0"	17.2	217.8	0	0.0	43.39	584.6	22.3
8/31/2021	10.1	31.0	6.9	21.2	22'6"	23.0	427.0	5.6	17.2	2	6.1	0	0.0	21'6"	15.0	220.1	0	0.0	37.96	590.0	27.3
9/30/2021	9.7	29.8	5.2	16.0	23'8"	15.2	434.9	6.9	21.2	1.7	5.2	0	0.0	21'0"	17.2	217.8	0	0.0	32.38	595.6	21.2
10/31/2021	13.8	42.3	3.6	11.0	20'5"	40.6	409.4	5	15.3	0	0.0	0	0.0	19'1"	27.5	207.5	0	0.0	68.06	559.9	11.0
11/30/2021	11.7	35.9	0	0.0	18'11"	56.0	394.0	7.9	24.2	0	0.0	0	0.0	18'1"	33.9	201.1	0	0.0	89.89	538.1	0.0
12/31/2021	21.2	65.1	0	0.0	14'2"	120.2	329.8		0.0	0	0.0	0	0.0	14'8"	60.8	174.2	0	0.0	180.98	447.0	0.0
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	143	440	37	113				75		4	12	0	0.0	0			59	180		0.0	305.2
2022																				0.0	
1/31/2022	12.9	39.6	0	0	12'9"	142.9	307.1	6.2	19.0	0	0	0	0.0	13'9"	69.4	165.7	0	0	212.25	415.8	0.0
2/29/2022	10.6	32.5	0	0	12'0"	157.3	292.7	5.5	16.9	0	0	0	0.0	12'10"	78.5	156.5	0	0	235.79	392.2	0.0
3/31/2022	11	33.8	0	0	11'8"	163.4	286.6	2.7	8.3	0	0	0	0.0	12'1"	86.4	148.6	1.6	4.9	249.83	378.2	4.9
4/30/2022	12.7	39.0	0	0	11'3"	171.3	278.7	9.1	27.9	0	0	0	0	10'1"	109.4	125.6	0.1	0.2	280.62	347.4	0.2
5/31/2022	12.1	37.1	0	0	12'2"	154.3	295.7	11.7	35.9	0	0	0	0	9'0"	122.9	112.1	1.7	5.2	277.21	350.8	5.2
6/30/2022	11.2	34.4	10.1	31.0	14'3"	118.9	331.1	11.2	34.4	7.2	22.1	0	0	8'11"	124.0	111.0	5	15.3	242.9	385.1	68.4
7/31/2022	11.6	35.60	11.6	35.6	16'3"	89.2	360.8	9.4	28.8	8.1	24.9	0	0	9'3"	119.7	115.3	0	0	208.9	419.1	60.5
8/31/2022	9.8	30.07	9.8	30.1	18'1"	65.6	384.4	8.4	25.8	7.7	23.6	0	0	9'8"	114.5	120.5	0.5	1.5	180.1	447.9	55.2
9/30/2022	8.5	26.08	7.6	23.3	9'8"	48.9	401.1	8.6	26.4	6.5	19.9	0	0	9'9"	113.4	121.6	0.9	2.8	162.3	465.7	46.0
10/31/2022	9.3	28.54	9.3	28.5	22'0"	26.8	423.2	9.8	30.1	8.7	26.7	0	0	11'8"	91.0	144.0	4.5	13.8	117.8	510.2	69.0
11/30/2022	9.9	30.38	0	0.0	19'7"	48.8	401.2	3.3	10.1	0	0.0	0	0	15'2"	56.6	178.4	11.3	34.7	105.4	522.6	34.7
12/31/2022	20.3	62.297	0	0.0	13'10"	125.6	324.4			0	0.0	0	0	13'0"	76.8	158.2	0	0	202.41	425.59	0.0
Total Flow (mg) or Total Annual Volume Irrigated (Ac ft)	139.9	429.3	48.4	148.5						38.2	117.2						25.6	78.5			344.3

Amador Regional Sanitation Authority



"Servicing Amador City, Martell, & Sutter Creek"

SAFETY NOTIFICATION

Attention Downstream Residents of Preston Reservoir (Ione, CA):

You are receiving this notification because you were listed as an owner of property that is downstream from the reservoir/dam listed above. On June 27th, 2017 Governor Brown signed SB 92 into law, which requires dam owners to prepare a Dam Emergency Action Plan and Inundation Map. As part of this process, the Amador Regional Sanitation Authority (ARSA) has chosen to notify the downstream property owners of their proximity to the reservoir/dam inundation area, where to find more information, and how to sign up for emergency notifications.

More information on California inundation maps can be found on the California State Division of Safety of Dams website: <https://fmds.water.ca.gov/maps/damim/>. For additional information regarding Preston Reservoir specifically contact ARSA at (209) 267-5647.

In the event of an emergency involving the above reservoir/dam, emergency responders will be able to more efficiently and quickly notify downstream residents of any problems or evacuation notices if they have a cell phone number registered in their system. **ARSA encourages you to visit <https://www.amadorsheriff.org/administration-division/codered> and sign up to receive CodeRED alerts.**



Figure 1- Preston Reservoir/Dam Vicinity Map

Amador Regional Sanitation Authority



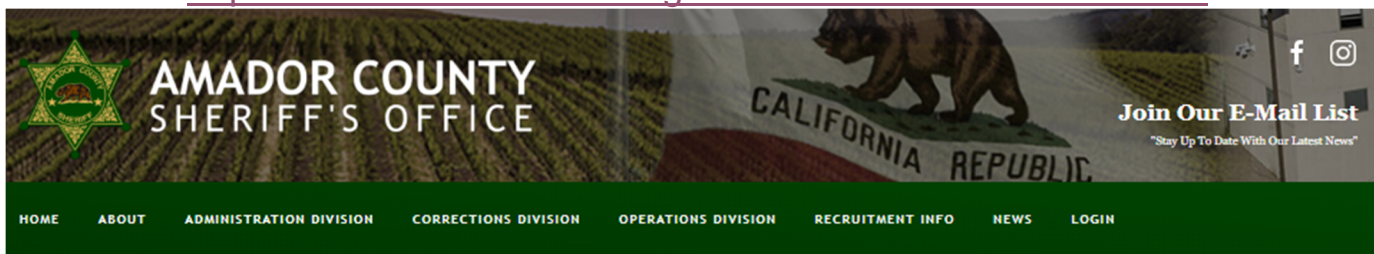
"Servicing Amador City, Martell, & Sutter Creek"

CodeRED

Amador County Sheriff's Office has implemented CodeRED, a high-speed emergency/community notification solution provided by Emergency Communications Network to help keep residents and businesses informed with important information that may immediately impact their safety.

Amador County will use the CodeRED system to notify the entire county or specific areas within the county of important information. The CodeRED system will deliver telephone calls, text messages and emails. Messages may regard evacuations, police activity, missing children, boil water notices or other information.

<https://www.amadorsheriff.org/administration-division/codered>



CodeRED

Amador County Sheriff's Office has implemented CodeRED, a high-speed emergency/community notification solution provided by [Emergency Communications Network](#) to help keep residents and businesses informed with important information that may immediately impact their safety. Watch the video to see how CodeRED works.

[Click here to sign up for CodeRED emergency notifications.](#)

Please note, if you are unsure of whether your contact information is in the database or if you have recently moved or changed your telephone number, it is important to click on the above CodeRED emergency notifications link to add or update your information.

Amador County will use the CodeRED system to notify the entire county or specific areas within the county of important information. The CodeRED system will deliver telephone calls, text messages and emails. Messages may regard evacuations, police activity, missing children, boil water notices or other information. Please listen to each message carefully.

You may opt-in to receive emergency and community notifications by clicking on the above CodeRED emergency notifications link.

IDENTIFYING EMERGENCY NOTIFICATIONS:

Emergency notifications that require your immediate attention will be delivered through this telephone number:

Emergency Communication
866-419-5000

Community notifications NOT requiring your immediate attention will be delivered through this telephone number:

ECN Community
855-969-4636

Please make sure to add the above telephone numbers to your phone's contacts. If you would like to hear the last message delivered to your phone, simply dial the number back.

Email notifications will come from the following email address:

DONOTREPLY@AMADORSHERIFF.ORG