

# Amador Regional Sanitation Authority



"Servicing Amador City, Martell, & Sutter Creek"

## MONITORING REPORT SUBMITTAL TRANSMITTAL FORM

Attn: Kenny Croyle (916) 464-4676  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670-6114

Discharger: Amador Regional Sanitation Authority  
Name of Facility: Amador County Regional Outfall  
WDRs Order Number: R5-1993-0240  
WDID: 5B030109001  
County: Amador

I am hereby submitting to the Central Valley Water Board the following information:

### **CHECK ALL THAT APPLY:**

Monthly Monitoring Report for the month of: February 2025

1<sup>st</sup> / 2<sup>nd</sup> / 3<sup>rd</sup> / 4<sup>th</sup> (**circle one**) Quarterly Monitoring Report for the year of: \_\_\_\_\_

1<sup>st</sup> / 2<sup>nd</sup> (**circle one**) Semi-annual Monitoring Report for the year of: \_\_\_\_\_

Annual Monitoring Report for the year of: \_\_\_\_\_.

### **VIOLATION NOTIFICATION**

During the monitoring period, **there were** / were not (**circle one**) any violations of the WDRs.

1. The violations were: There was no collection of data on weekends due to management decision to not have ARSA staff work on weekends, starting November 1, 2024 and continuing indefinitely.
2. Have the violations been corrected? Yes / **No** (**circle one**). If no, what will be done to correct the violations:

### **CERTIFICATION STATEMENT**

***"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."***

Signature: Steven C Stone (209) 267-5647  
Phone

3/27/2025  
Date

cc: Tom DuBois, ARSA Manager and CofSC City Manager (email), Grant Reynolds, Sanitary Engineer (email), Gary Ghio, ARSA Engineer (email), City of Ione, (email), File



Preston Forebay

Month Feb-25

Operator: Steven Stone

Page 1 of 1

Date	Free Board Ft Dn	Est. Flow Gallons Per Minute Out	Est. Flow Gallons Per Day Out	D.O. MG/L weekly	P.H. monthly	Distrib. System
1	14 ' 9 "	100	144,000			OK
2	15 ' 0 "	100	144,000			OK
3	15 ' 0 "	100	144,000			OK
4	14 ' 8 "	100	144,000			OK
5	13 ' 0 "	100	144,000			OK
6	12 ' 6 "	100	144,000	3.60		OK
7	12 ' 2 "	100	144,000			OK
8	' "					
9	' "					
10	10 ' 10 "	100	144,000			OK
11	11 ' 0 "	100	144,000			OK
12	11 ' 2 "	100	144,000			OK
13	11 ' 2 "	100	144,000	3.42	8.12	OK
14	10 ' 2 "	100	144,000			OK
15	9 ' 6 "	150	216,000			OK
16	' "					
17	9 ' 2 "	150	216,000			OK
18	12 ' 1 "	150	216,000	3.62		OK
19	13 ' 0 "	150	216,000			OK
20	13 ' 0 "	100	144,000			OK
21	13 ' 0 "	100	144,000			OK
22	' "					
23	' "					
24	13 ' 2 "	75	108,000			OK
25	13 ' 2 "	75	108,000	3.48		OK
26	13 ' 4 "	75	108,000			OK
27	13 ' 4 "	75	108,000			OK
28	13 ' 6 "	75	108,000			OK
29	' "					
30	' "					
31	' "					
TOTALS						
Comments:		AVG / DAY	148,695.65			

# Preston Reservoir

Month Feb-25

Operator: Steven Stone

Page 1 of 1

Date	Free Board Ft Dn	D.O. MG/L weekly	P.H. monthly	Distrib. System	Preston School of Industry Backwash Gals In	Mule Cr. Prison In Flow Gals	Flow Out to lone Tertiary Gallons Per Day
1	16 ' 10 "			OK	-	OFF	OFF
2	16 ' 9 "			OK	-	OFF	OFF
3	16 ' 8 "			OK	-	OFF	OFF
4	16 ' 7 "			OK	-	OFF	OFF
5	16 ' 6 "			OK	-	OFF	OFF
6	16 ' 6 "	6.20		OK	-	OFF	OFF
7	16 ' 6 "			OK	-	OFF	OFF
8	' "				-	OFF	OFF
9	' "				-	OFF	OFF
10	16 ' 3 "			OK	-	OFF	OFF
11	16 ' 2 "			OK	-	OFF	OFF
12	16 ' 1 "			OK	-	OFF	OFF
13	15 ' 11 "	6.44	8.25	OK	-	OFF	OFF
14	15 ' 6 "			OK	-	OFF	OFF
15	15 ' 4 "			OK	-	OFF	OFF
16	' "				-	OFF	OFF
17	15 ' 2 "			OK	-	OFF	OFF
18	15 ' 1 "	6.12		OK	-	OFF	OFF
19	14 ' 11 "			OK	-	OFF	OFF
20	14 ' 10 "			OK	-	OFF	OFF
21	14 ' 8 "			OK	-	OFF	OFF
22	' "				-	OFF	OFF
23	' "				-	OFF	OFF
24	14 ' 9 "			OK	-	OFF	OFF
25	14 ' 9 "	6.22		OK	-	OFF	OFF
26	14 ' 9 "			OK	-	OFF	OFF
27	14 ' 9 "			OK	-	OFF	OFF
28	14 ' 9 "			OK	-	OFF	OFF
29	' "				-		
30	' "				-		
31	' "				-		
TOTAL					-	-	-

Comments:

---



---



---



---

February-25

Operator: Steven Stone

ARSA Bowers Irrigation
------------------------

Page 1 of 1

Date	Sections A Thru E	Odor	Rainfall (in.) (daily)	Acreage Applied (daily)	Total Nitrogen (mg/l) (monthly)	Water Application Rate (in/day)	Average Total Gallons per Day
1	OFF	NONE				0	0
2	OFF	NONE				0	0
3	OFF	NONE				0	0
4	OFF	NONE				0	0
5	OFF	NONE				0	0
6	OFF	NONE				0	0
7	OFF	NONE				0	0
8	OFF	NONE				0	0
9	OFF	NONE				0	0
10	OFF	NONE				0	0
11	OFF	NONE				0	0
12	OFF	NONE				0	0
13	OFF	NONE				0	0
14	OFF	NONE				0	0
15	OFF	NONE				0	0
16	OFF	NONE				0	0
17	OFF	NONE				0	0
18	OFF	NONE				0	0
19	OFF	NONE				0	0
20	OFF	NONE				0	0
21	OFF	NONE				0	0
22	OFF	NONE				0	0
23	OFF	NONE				0	0
24	OFF	NONE				0	0
25	OFF	NONE				0	0
26	OFF	NONE				0	0
27	OFF	NONE				0	0
28	OFF	NONE				0	0
29							
30							
31							

#DIV/0! #DIV/0!

Average

Total Gallons Used:

-

Total Nitrogen Loading Rate (lbs/ac/mo): #DIV/0!

Comments:

ARSA Hoskins Irrigation

Date	GRAVITY SECTION	PRESSURE SECTION	Odor	Run Off	Rainfall (in.) (daily)	Acreage Applied (daily)	Total Nitrogen (mg/l) (monthly)	Water Application Rate (in/day)	Avg. Total Gallons per Day (gal)
1	OFF	OFF	OFF	OFF		0		0	0
2	OFF	OFF	OFF	OFF		0		0	0
3	OFF	OFF	OFF	OFF		0		0	0
4	OFF	OFF	OFF	OFF		0		0	0
5	OFF	OFF	OFF	OFF		0		0	0
6	OFF	OFF	OFF	OFF		0		0	0
7	OFF	OFF	OFF	OFF		0		0	0
8	OFF	OFF	OFF	OFF		0		0	0
9	OFF	OFF	OFF	OFF		0		0	0
10	OFF	OFF	OFF	OFF		0		0	0
11	OFF	OFF	OFF	OFF		0		0	0
12	OFF	OFF	OFF	OFF		0		0	0
13	OFF	OFF	OFF	OFF		0		0	0
14	OFF	OFF	OFF	OFF		0		0	0
15	OFF	OFF	OFF	OFF		0		0	0
16	OFF	OFF	OFF	OFF		0		0	0
17	OFF	OFF	OFF	OFF		0		0	0
18	OFF	OFF	OFF	OFF		0		0	0
19	OFF	OFF	OFF	OFF		0		0	0
20	OFF	OFF	OFF	OFF		0		0	0
21	OFF	OFF	OFF	OFF		0		0	0
22	OFF	OFF	OFF	OFF		0		0	0
23	OFF	OFF	OFF	OFF		0		0	0
24	OFF	OFF	OFF	OFF		0		0	0
25	OFF	OFF	OFF	OFF		0		0	0
26	OFF	OFF	OFF	OFF		0		0	0
27	OFF	OFF	OFF	OFF		0		0	0
28	OFF	OFF	OFF	OFF		0		0	0
29									
30									
31									

#DIV/0!  
Average

#DIV/0!

Total Gallons Used: -  
Total Nitrogen Loading Rate (lbs/ac/mo): #DIV/0!

Comments:

# Daily Report

California Irrigation Management Information System (CIMIS)

Rendered in ENGLISH Units.

Saturday, February 1, 2025 - Friday, February 28, 2025

Printed on Thursday, March 27, 2025

## Plymouth - Sierra Foothill - Station 227

Date	ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap Pres (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Point (°F)	Avg Wind Speed (mph)	Wind Run (miles)	Avg Soil Temp (°F)
2/1/2025	0.00	1.50	53	12.8 Y	56.4	48.9	52.7	98	83	94 Y	51.1 Y	6.2 Y	148.1 Y	48.6
2/2/2025	0.01	0.11	58	12.4 Y	56.3	53.1 Y	54.7	94	76	85 Y	50.3 Y	5.5	130.8	50.5
2/3/2025	0.02	0.11	115	11.1 Y	56.3	49.0	53.0	93	67	81 Y	47.4 Y	3.5	83.8	51.2
2/4/2025	0.02	1.77	74	10.5	59.1	41.9	51.0	99	55	82	45.8	8.5 R	204.7 R	51.1
2/5/2025	0.07	0.00	333	6.3	52.6	32.0	41.4	98	40	71	32.7	3.0	72.7	50.1
2/6/2025	0.01	0.69	74	10.3	55.5	39.1	48.7	95	78	88	45.4	7.0 Y	167.6 Y	49.0
2/7/2025	0.04	0.15	221	8.3	52.3	36.3	44.3	97	64	84	39.7	3.1	74.8	50.0
2/8/2025	0.07	0.00	339	6.8	52.8	31.8	42.0	91	54	75	34.6	3.1	74.7	49.0
2/9/2025	0.07	0.00	345	6.2	51.1	30.7	40.5	87	56	73	32.5	3.0	71.1	48.2
2/10/2025	0.07	0.00	343	6.3	50.7	32.3	40.5	87	55	73	32.6	3.3	78.6	47.9
2/11/2025	0.06	0.00	294	5.7	49.5	30.4	39.9	88	44	68	30.2	3.0	71.7	47.5
2/12/2025	0.06	0.07	289	6.3	52.4	30.4	41.8	88	48	70	32.8	3.2	76.2	47.2
2/13/2025	0.01	3.24	53	11.4	53.6	47.9	50.2	98	80	92	48.1	8.3 R	198.6 R	48.5
2/14/2025	0.04	0.15	208	9.1	53.0	37.8	46.0	99	60	86	42.0	4.3	103.7	49.5
2/15/2025	0.06	0.00	282	7.4	56.8	34.2	44.4	91	51	75	36.9	2.8	67.0	49.0
2/16/2025	0.05	0.01	215	9.4	57.7	40.5	49.0	91	63	79	42.8	2.8	67.1	49.5
2/17/2025	0.06	0.00	273	8.9	54.2	38.9	46.7	94	62	82	41.6	2.7	64.4	50.5
2/18/2025	0.08	0.00	346	7.9	58.8	35.7	47.8	95	47	70	38.5	2.5	59.6	50.2
2/19/2025	0.03	0.06	146	9.7	55.1	41.1	49.3	96	68	81	43.8	2.8	67.4	51.0
2/20/2025	0.10	0.00	383	8.0	62.2	34.2	48.1	95	46	70	38.8	3.1	74.5	50.4
2/21/2025	0.09	0.00	381	8.6	63.4	37.8	50.0	85	46	70	40.5	2.8	66.4	51.0
2/22/2025	0.10 R	0.00	377	9.3	66.9	42.4	55.5	78	39	62	42.6	2.9	69.3	51.9

# Daily Report

2/23/2025	0.07	0.00	231	10.0	66.5	48.1	57.1	80	40	63	44.6	2.5	59.6	53.4
2/24/2025	0.07	0.00	267	11.1 Y	63.3	48.7	54.8	93	57	75 Y	47.2 Y	2.8	66.5	53.8
2/25/2025	0.11	0.00	415	9.2	65.1	39.0	51.4	95	42	71	42.4	3.0	72.7	53.9
2/26/2025	0.11	0.00	416	10.3	67.9	40.6	53.7	92	51	73	45.4	3.0	71.8	54.9
2/27/2025	0.11	0.00	368	9.1	72.9 Y	44.8	58.4	81	36	55	42.1	2.5	60.7	55.9
2/28/2025	0.13	0.00	432	8.1	74.1 Y	45.0	59.1 Y	67	22	47 Y	39.0 Y	3.5	84.9	55.8
Tots/Avg	1.72	7.86	262	8.9	58.4	39.7	49.0	91	55	75	41.1	3.7	89.6	50.7

Flag Legend		
A - Historical Average	I - Ignore	R - Far out of normal range
C or N - Not Collected	M - Missing Data	S - Not in service
H - Hourly Missing or Flagged Data	Q - Related Sensor Missing	Y - Moderately out of range
Conversion Factors		
Ly/day/2.065=W/sq.m	inches * 25.4 = mm	(F-32) * 5/9 = c
mph * 0.447 = m/s	mBars * 0.1 = kPa	miles * 1.60934 = km