

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: January 2025

1st / 2nd / 3rd / 4th (**circle one**) Quarterly Monitoring Report for the year of: _____

1st / 2nd (**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 2/26/2025
Phone 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 Reservoir

Month Jan-25

Operator: Steven Stone

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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	17 ' 8 "			OK	-	OFF	OFF
2	17 ' 8 "			OK	-	OFF	OFF
3	17 ' 7 "			OK	-	OFF	OFF
4	' "				-	OFF	OFF
5	' "				-	OFF	OFF
6	17 ' 6 "			OK	-	OFF	OFF
7	17 ' 6 "			OK	-	OFF	OFF
8	17 ' 6 "	6.44		OK	-	OFF	OFF
9	17 ' 5 "			OK	-	OFF	OFF
10	17 ' 5 "			OK	-	OFF	OFF
11	' "				-	OFF	OFF
12	' "				-	OFF	OFF
13	17 ' 4 "			OK	-	OFF	OFF
14	17 ' 4 "			OK	-	OFF	OFF
15	17 ' 4 "	6.20		OK	-	OFF	OFF
16	17 ' 4 "			OK	-	OFF	OFF
17	17 ' 4 "			OK	-	OFF	OFF
18	' "				-	OFF	OFF
19	' "				-	OFF	OFF
20	17 ' 3 "			OK	-	OFF	OFF
21	17 ' 2 "			OK	-	OFF	OFF
22	17 ' 2 "	6.10	8.35	OK	-	OFF	OFF
23	17 ' 2 "			OK	-	OFF	OFF
24	17 ' 2 "			OK	-	OFF	OFF
25	' "				-	OFF	OFF
26	' "				-	OFF	OFF
27	17 ' 1 "			OK	-	OFF	OFF
28	17 ' 0 "			OK	-	OFF	OFF
29	16 ' 11 "	6.12		OK	-	OFF	OFF
30	16 ' 11 "			OK	-	OFF	OFF
31	16 ' 11 "			OK	-	OFF	OFF
TOTAL					-	-	-

Comments:

Preston Forebay

Month Jan-25

Operator: Steven Stone

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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	11 ' 11 "	100	144,000			OK
2	11 ' 11 "	100	144,000			OK
3	11 ' 8 "	100	144,000			OK
4	' "					
5	' "					
6	11 ' 8 "	100	144,000			OK
7	11 ' 8 "	100	144,000			OK
8	11 ' 10 "	100	144,000	3.20		OK
9	12 ' 0 "	100	144,000			OK
10	12 ' 0 "	100	144,000			OK
11	' "					
12	' "					
13	12 ' 4 "	100	144,000			OK
14	12 ' 6 "	100	144,000			OK
15	12 ' 7 "	100	144,000	3.40		OK
16	12 ' 8 "	100	144,000			OK
17	12 ' 9 "	100	144,000			OK
18	' "					
19	' "					
20	13 ' 0 "	75	108,000			OK
21	13 ' 4 "	100	144,000			OK
22	13 ' 6 "	100	144,000	3.26	8.30	OK
23	13 ' 8 "	100	144,000			OK
24	13 ' 8 "	100	144,000			OK
25	' "					
26	' "					
27	14 ' 0 "	100	144,000			OK
28	14 ' 0 "	100	144,000			OK
29	14 ' 2 "	100	144,000	3.46		OK
30	14 ' 6 "	100	144,000			OK
31	14 ' 8 "	100	144,000			OK
TOTALS						
Comments:		AVG / DAY	142,434.78			

January-25

Operator: Steven Stone

ARSA Bowers Irrigation

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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	OFF	NONE				0	0
30	OFF	NONE				0	0
31	OFF	NONE				0	0

#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	OFF	OFF	OFF	OFF		0		0	0
30	OFF	OFF	OFF	OFF		0		0	0
31	OFF	OFF	OFF	OFF		0		0	0

#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.

Wednesday, January 1, 2025 - Friday, January 31, 2025

Printed on Wednesday, February 26, 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)
1/1/2025	0.01	0.00	73	8.7	51.7	36.3	46.3	92	70	82	41.0	2.1	49.8	50.2
1/2/2025	0.04	0.00	198	9.8	58.6	42.8	49.0	96	67	82	43.9	2.4	56.6	50.8
1/3/2025	0.01	0.87	28	9.9	56.9	43.4	49.0	97	51	84	44.3	3.4	81.3	50.7
1/4/2025	0.05	0.00	218	8.2	53.2	36.7	44.0	97	64	83	39.3	2.8	66.1	49.9
1/5/2025	0.05	0.00	225	8.1	56.6	36.6	44.5	95	56	81	39.1	2.9	68.8	49.5
1/6/2025	0.05	0.00	235	9.0	57.5	36.9	46.9	96	60	83	41.9	3.0	71.4	49.5
1/7/2025	0.08	0.00	248	5.1	64.8	40.4	52.5	53	25	38	27.5	3.9	92.7	49.3
1/8/2025	0.06	0.00	241	7.0	58.0	35.9	45.9	91	36	66	35.4	2.9	70.3	49.0
1/9/2025	0.06	0.00	247	7.4	61.9	38.0	47.5	83	48	66	36.8	3.0	71.0	48.9
1/10/2025	0.06	0.00	234	6.3	64.9	36.9	48.7	77	27	54	32.6	2.9	70.7	49.0
1/11/2025	0.07	0.00	207	5.1	62.2	35.1	48.1	76	26	44	27.5	3.8	92.0	48.7
1/12/2025	0.05	0.00	206	5.6	54.2	32.9	42.9	81	38	60	29.9	3.0	73.1	47.7
1/13/2025	0.06	0.00	223	5.1	56.8	33.5	44.3	79	30	51	27.3	3.2	76.2	47.5
1/14/2025	0.06	0.00	231	5.4	57.7	34.7	44.2	71	32	54	28.8	3.0	72.4	47.4
1/15/2025	0.06	0.00	235	6.1	61.4	37.2	47.2	72	34	55	31.9	3.2	76.5	47.6
1/16/2025	0.07	0.00	238	5.5	62.2	36.3	48.1	75	27	48	29.3	3.0	72.2	47.8
1/17/2025	0.07	0.00	240	5.1	57.5	33.6	44.7	76	33	50	27.4	3.3	78.3	47.8
1/18/2025	0.06	0.00	250	6.4	56.2	34.3	43.4	84	48	67	33.2	3.2	77.2	47.3
1/19/2025	0.06	0.00	253	6.6	55.1	34.0	43.1	85	48	70	33.9	3.0	71.0	47.2
1/20/2025	0.07	0.00	267	4.8	61.0	31.8	44.8	85	23	47	25.9	3.3	78.2	46.9
1/21/2025	0.06	0.00	264	5.6	59.0	33.4	44.0	77	33	57	29.8	2.8	67.6	46.7
1/22/2025	0.06	0.00	262	6.2	59.5	34.1	45.1	78	41	60	32.3	3.3	79.0	46.7

Daily Report

1/23/2025	0.08	0.00	268	5.7	67.0	39.6	50.8	65	30	45	30.3	2.9	68.6	47.3
1/24/2025	0.07	0.00	230	5.5	62.9	36.3	49.1	76	27	47	29.6	3.1	73.8	47.8
1/25/2025	0.06	0.02	215	6.1	53.3	33.0	43.1	84	47	65	32.0	3.7	88.1	47.6
1/26/2025	0.06	0.00	257	5.7	51.1	33.2	41.0	82	40	65	30.2	3.2	76.8	47.5
1/27/2025	0.07	0.00	279	5.2	54.4	34.3	41.9	76	39	57	27.9	3.3	78.5	46.7
1/28/2025	0.06	0.00	285	5.5	53.9	31.8	41.5	75	43	62	29.5	3.2	75.9	46.5
1/29/2025	0.07	0.00	283	6.5	54.3	33.3	42.1	85	53	71	33.5	3.4	81.1	46.5
1/30/2025	0.06	0.00	287	7.0	53.0	31.7	41.6	93	57	79	35.5	3.0	70.9	46.7
1/31/2025	0.00	0.39	38	8.9	50.0	36.1	45.2	92	71	87	41.5	3.6	87.0	46.9
Tots/Avgs	1.75	1.28	225	6.6	57.6	35.6	45.5	82	43	63	33.2	3.1	74.6	48.1

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