

COUNTY OF SANTA CRUZ  
WATER AND  
WASTEWATER DIVISION

DAVENPORT WATER

FOR THE MONTH OF  
FEBRUARY, 2002

DATE	GALLONS PROCESSED	INFLUENT TURBIDITY	EFFLUENT TURBIDITY	TOTAL CHLORINE RESIDUAL
1	37,600	1.9	0.07	0.90
2	37,700	1.8	0.07	0.85
3	43,300	1.70	0.07	0.80
4	35,100	1.7	0.06	0.95
5	44,200	1.8	0.07	0.90
6	39,800	1.7	0.07	1.00
7	39,100	2.3	0.07	0.95
8	37,100	4.5	0.11	0.80
9	38,000	3.0	0.12	1.00
10	41,000	3.0	0.09	1.00
11	59,000	2.5	0.06	1.00
12	27,400	2.1	0.09	1.00
13	45,000	1.9	0.07	1.00
14	34,100	1.7	0.21	1.27
15	35,000	1.5	0.09	1.00
16	41,200	2.0	0.05	1.00
17	40,600	4.4	0.13	0.90
18	48,500	2.0	0.12	0.70
19	41,100	2.3	0.11	0.50
20	40,400	3.2	0.23	0.45
21	41,500	2.5	0.12	0.60
22	39,100	2.0	0.06	0.65
23	45,000	2.5	0.08	0.90
24	52,700	3.5	0.16	0.95
25	41,200	2.7	0.09	0.90
26	57,000	2.6	0.09	1.00
27	33,000	2.1	0.08	1.00
28	34,400	1.6	0.08	0.95
AV.	41,039	2.4	0.10	0.89
TOTAL GALLONS	1,149,100			

COUNTY OF SANTA CRUZ  
WATER AND  
WASTEWATER DIVISION

DAVENPORT WATER

FOR THE MONTH OF  
DECEMBER, 2002

DATE	GALLONS PROCESSED	INFLUENT TURBIDITY	EFFLUENT TURBIDITY	FREE CHLORINE RESIDUAL
1	31,300	0.9	0.04	0.80
2	49,900	0.8	0.05	0.80
3	47,300	0.7	0.04	0.80
4	45,800	0.8	0.04	0.80
5	39,300	1.0	0.40	0.80
6	49,900	0.6	0.05	0.80
7	43,600	0.9	0.04	0.55
8	47,700	0.7	0.05	0.60
9	47,500	0.9	0.05	0.60
10	41,500	1.1	0.05	0.85
11	38,400	1.1	0.05	0.55
12	37,600	1.4	0.05	0.65
13	45,100	7.9	0.07	0.85
14	5,600	26.7	0.08	1.35
15	0	10.0	n/a	1.20
16	0	200.0	n/a	1.10
17	0	16.0	n/a	1.00
18	0	4.9	n/a	1.00
19	0	26.8	n/a	0.95
20	0	32.9	n/a	1.10
21	0	n/a	n/a	n/a
22	60,000	3.1	0.25	0.90
23	44,300	2.8	0.18	0.75
24	39,800	2.2	0.15	0.60
25	39,400	1.8	0.16	0.50
26	26,000	1.7	0.09	0.65
27	31,200	2.5	0.14	0.65
28	35,900	3.2	0.13	0.95
29	0	7.8	n/a	0.50
30	35,900	5.0	0.27	0.85
31	0	37.3	n/a	0.65
AV.	28,484	n/a	n/a	n/a
TOTAL GALLONS	883,000 gal.			

COUNTY OF SANTA CRUZ  
WATER AND  
WASTEWATER DIVISION

DAVENPORT WATER

FOR THE MONTH OF  
JANUARY, 2003

DATE	GALLONS PROCESSED	INFLUENT TURBIDITY	EFFLUENT TURBIDITY	FREE CHLORINE RESIDUAL
1	65,100	3.7	0.18	1.50
2	65,400	2.9	0.10	1.10
3	48,900	2.1	0.10	0.90
4	49,000	1.7	0.08	0.90
5	48,200	1.0	0.20	0.70
6	35,200	2.0	0.10	0.65
7	38,800	0.9	0.07	0.90
8	40,200	1.0	0.10	0.85
9	39,600	1.0	0.09	0.95
10	29,100	3.4	0.09	1.10
11	52,600	1.9	0.08	0.80
12	55,000	2.1	0.07	0.85
13	31,100	1.0	0.08	0.75
14	45,100	1.0	0.07	0.90
15	40,300	1.1	0.07	0.75
16	42,300	1.0	0.08	0.55
17	43,900	1.6	0.06	0.90
18	48,000	1.3	0.06	0.90
19	42,000	0.8	0.06	0.60
20	38,200	0.7	0.06	0.85
21	42,400	0.8	0.06	0.90
22	41,000	1.7	0.06	0.80
23	40,500	0.9	0.05	0.80
24	36,500	1.4	0.09	0.80
25	36,600	1.0	0.06	0.75
26	43,300	1.2	0.07	0.70
27	49,500	0.9	0.10	0.65
28	43,400	0.8	0.06	0.65
29	28,400	0.9	0.08	0.65
30	35,300	0.6	0.06	0.70
31	42,300	1.0	0.06	0.70
AV.	42,877	1.4	0.08	0.62
TOTAL GALLONS	1,329,200			

COUNTY OF SANTA CRUZ  
WATER AND  
WASTEWATER DIVISION

DAVENPORT WATER

FOR THE MONTH OF  
FEBRUARY, 2003

DATE	GALLONS PROCESSED	INFLUENT TURBIDITY	EFFLUENT TURBIDITY	FREE CHLORINE RESIDUAL
1	36,600	1.0	0.06	0.70
2	63,500	0.6	0.08	0.50
3	41,300	0.7	0.08	0.50
4	31,600	0.9	0.08	0.45
5	44,500	0.9	0.06	0.40
6	39,100	0.8	0.08	0.70
7	42,400	0.9	0.08	0.85
8	55,000	0.6	0.09	0.90
9	49,100	1.7	0.08	0.85
10	48,000	0.6	0.09	0.90
11	41,400	0.6	0.09	0.90
12	38,400	2.6	0.10	0.80
13	31,500	2.3	0.06	0.80
14	40,000	1.3	0.70	1.10
15	36,200	1.2	0.80	1.20
16	0	9.4	n/a	0.60
17	95,300	1.6	0.06	0.55
18	45,400	0.9	0.06	1.10
19	23,400	0.9	0.05	0.70
20	43,700	1.5	0.07	0.70
21	48,700	0.9	0.06	0.75
22	46,300	1.3	0.06	0.70
23	42,900	1.2	0.07	0.90
24	41,100	0.9	0.06	1.20
25	42,500	1.5	0.06	1.00
26	40,400	1.2	0.06	0.90
27	36,400	1.4	0.05	0.90
28	39,700	0.9	0.06	0.85
29				
30				
31				
AV.	42,300	1.4	0.12	0.80
TOTAL GALLONS	1,184,400			

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312, Santa Cruz, CA 95060

## Surface Water Treatment Plant Monthly Report

System Name: Davenport CSD

Month/Year: March 2003

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	1.3	0.05	15' 4"	0.90	40,200	
2	0.6	0.05	15' 4"	0.60	54,800	
3	0.6	0.06	15' 4"	0.60	45,400	
4	0.6	0.06	15' 4"	0.50	33,000	
5	0.9	0.05	15' 4"	0.55	50,100	
6	0.8	0.06	15' 4"	0.65	30,900	
7	0.8	0.06	15' 4"	0.90	43,600	
8	0.7	0.06	15' 4"	0.90	46,500	
9	0.6	0.06	15' 4"	0.80	69,800	
10	0.6	0.04	15' 4"	0.50	52,500	
11	0.7	0.05	15' 4"	0.50	36,000	
12	0.6	0.04	15' 4"	0.70	49,000	
13	0.6	0.04	15' 4"	0.80	34,500	
14	1.8	0.05	15' 4"	0.80	32,000	
15	4.9	0.06	15' 4"	0.70	36,300	
16	1.4	0.1	15' 4"	0.70	48,900	
17	1.0	0.08	15' 4"	0.60	38,000	
18	1.8	0.07	15' 4"	0.55	38,000	
19	1.2	0.05	15' 4"	0.45	42,500	
20	1.6	0.05	15' 4"	0.45	37,400	
21	1.4	0.08	15' 4"	0.55	39,300	
22	0.8	0.05	15' 4"	0.55	43,200	
23	0.7	0.04	15' 4"	0.50	44,600	
24	1.1	0.05	15' 4"	0.60	33,600	
25	2.7	0.05	15' 4"	0.70	48,200	
26	0.9	0.06	15' 4"	0.75	46,800	
27	0.8	0.05	15' 4"	0.50	41,800	
28	0.8	0.05	15' 4"	0.60	48,400	Storage tank vol. = 7,500 gal./ft.
29	0.9	0.05	15' 4"	0.50	55,300	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	1.4	0.05	15' 4"	0.70	82,100	
31	0.6	0.04	15' 4"	0.75	88,500	

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

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APR 10 2003

ENVIRONMENTAL  
HEALTH SERVICES

Complete and submit this form to Environmental Health by the 10th day of the following month

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312, Santa Cruz, CA 95060

## Surface Water Treatment Plant Monthly Report

System Name: Davenport CSD

Month/Year: April 2003

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	1.2	0.05	15' 4"	0.80	41,500	
2	2.5	0.11	15' 4"	0.55	61,900	
3	4.1	0.05	15' 4"	0.65	25,400	
4	7.9	N/A	15' 4"	0.60	0	Hauling Water From S.C.
5	2.2	0.07	11' 7"	0.45	85,900	
6	2.0	0.05	15' 4"	0.06	45,800	MAY 1 2 2003
7	2.3	0.07	15' 4"	0.45	44,100	
8	2.8	0.06	15' 4"	0.50	56,800	
9	2.7	0.05	15' 4"	0.55	48,700	
10	2.9	0.07	15' 4"	0.55	46,500	
11	1.7	0.06	15' 4"	0.90	42,700	
12	4.4	0.08	15' 4"	0.75	23,100	
13	115	N/A	14' 3"	0.50	0	Hauling Water From S.C.
14	4.5	0.22	13' 6"	1.00	22,000	
15	3.5	0.33	15' 4"	0.80	37,000	
16	2.9	0.10	15' 4"	0.50	36,600	
17	2.2	0.08	15' 4"	0.40	41,500	
18	2.8	0.08	15' 4"	0.45	38,100	
19	2.1	0.07	15' 4"	0.55	63,700	
20	1.8	0.08	15' 4"	0.60	41,900	
21	2.0	0.09	15' 4"	0.75	39,400	
22	4.4	0.08	15' 4"	0.90	41,000	
23	1.2	0.08	15' 4"	0.80	40,600	
24	40.1	N/A	15' 4"	0.85	0	Hauling Water From S.C.
25	2.4	0.08	11' 9"	0.80	54,300	
26	2.1	0.08	15' 4"	0.75	47,100	
27	1.9	0.06	15' 4"	0.55	43,200	
28	5.2	0.21	15' 4"	0.55	61,000	Storage tank vol. = 7,500 gal./ft.
29	2.3	0.07	15' 4"	0.50	19,400	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	2.1	0.07	15' 4"	0.4	42,200	
31						

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month

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# Surface Water Treatment Plant Monthly Report

JUN 06 2003

System Name: Davenport CSD

Month/Year: May 2003

ENVIRONMENTAL  
HEALTH SERVICES

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	2.3	0.07	15' 4"	0.50	39,900	
2	1.8	0.07	15' 4"	0.70	43,400	
3	3.5	0.07	15' 4"	0.80	40,000	
4	2.2	0.16	15' 4"	0.60	49,900	
5	3.2	0.15	15' 4"	0.60	38,000	
6	1.7	0.06	15' 4"	0.60	49,700	
7	2.2	0.06	15' 4"	0.50	38,300	
8	2.3	0.08	15' 4"	0.50	16,500	
9	2.1	0.05	12' 7"	0.65	75,100	
10	2.0	0.05	15' 4"	0.75	63,200	
11	1.1	0.08	15' 4"	0.50	53,100	
12	1.1	0.05	15' 4"	0.60	42,200	
13	1.2	0.08	15' 4"	0.50	43,500	
14	1.3	0.06	15' 4"	0.80	60,400	
15	1.3	0.05	15' 4"	0.70	37,000	
16	1.1	0.06	15' 4"	0.70	51,000	
17	1.5	0.06	15' 4"	0.70	79,000	
18	1.2	0.05	15' 4"	0.80	48,300	
19	1.3	0.05	15' 4"	0.80	74,600	
20	1.3	0.04	15' 4"	1.00	43,000	
21	1.2	0.06	15' 4"	1.00	60,400	
22	1.0	0.04	15' 4"	0.95	40,000	
23	1.0	0.05	15' 4"	0.60	86,400	
24	1.0	0.06	15' 4"	0.80	63,300	
25	1.5	0.06	11' 9"	0.80	69,800	
26	0.8	0.04	15' 4"	0.70	50,000	
27	1.1	0.05	15' 4"	0.80	62,000	
28	1.2	0.05	15' 4"	0.60	68,900	Storage tank vol. = 7,500 gal./ft.
29	0.9	0.06	15' 4"	0.35	52,700	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	1.2	0.05	15' 4"	0.35	64,300	
31	0.7	0.04	15' 4"	0.60	85,000	

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month

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Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312, Santa Cruz, CA 95060

JUL 10 2003

# Surface Water Treatment Plant Monthly Report

ENVIRONMENTAL  
HEALTH SERVICES

System Name: Davenport CSD

Month/Year: JUNE 2003

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	1.5	0.04	15' 4"	0.95	72,400	
2	2.1	0.05	15' 4"	0.90	68,700	
3	1.6	0.04	15' 4"	0.85	44,900	
4	1.5	0.04	15' 4"	0.96	37,900	
5	2.4	0.04	15' 4"	0.75	54,200	
6	1.6	0.04	15' 4"	0.85	67,700	
7	1.4	0.04	15' 4"	0.60	81,700	
8	1.3	0.04	15' 4"	0.70	60,900	
9	0.9	0.04	12' 7"	0.70	50,000	
10	1.0	0.04	15' 4"	0.80	63,100	
11	0.8	0.07	15' 4"	0.50	27,400	
12	1.2	0.05	15' 4"	0.45	64,600	
13	0.6	0.05	15' 4"	0.45	72,300	
14	0.6	0.04	15' 4"	0.40	81,400	
15	1.1	0.06	15' 4"	0.50	62,900	
16	0.5	0.04	15' 4"	0.45	60,000	
17	1.3	0.04	15' 4"	0.70	59,500	
18	0.5	0.04	15' 4"	0.70	62,500	
19	1.0	0.04	15' 4"	0.70	60,900	
20	0.7	0.04	15' 4"	0.80	73,800	
21	1.2	0.04	15' 4"	0.60	78,300	
22	0.7	0.04	15' 4"	0.60	68,700	
23	0.6	0.04	15' 4"	0.80	68,300	
24	0.8	0.05	15' 4"	0.70	64,400	
25	0.9	0.04	15' 4"	0.85	106,500	
26	0.5	0.04	15' 4"	1.10	59,300	
27	0.9	0.04	15' 4"	0.85	55,400	
28	1.0	0.04	15' 4"	0.75	71,700	Storage tank vol. = 7,500 gal./ft.
29	0.4	0.04	15' 4"	0.60	72,900	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	0.4	0.03	15' 4"	0.6	102,700	
31						

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month



## Surface Water Treatment Plant Monthly Report

System Name: Davenport CSD

Month/Year: AUGUST 2003

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	0.6	0.04	15' 4"	0.70	59,900	
2	0.8	0.04	15' 4"	0.60	79,600	
3	0.7	0.04	15' 4"	0.70	77,700	
4	1.3	0.04	15' 4"	0.70	95,000	
5	0.9	0.04	15' 4"	0.65	76,700	
6	0.5	0.04	15' 4"	0.70	76,500	
7	0.5	0.05	15' 4"	0.60	92,400	
8	0.5	0.03	15' 4"	0.50	66,800	
9	0.6	0.04	12' 7"	0.65	100,000	
10	0.7	0.03	15' 4"	0.60	86,900	
11	0.8	0.04	15' 4"	0.55	82,600	
12	1.0	0.04	15' 4"	0.60	57,700	
13	2.2	0.04	15' 4"	0.70	86,500	
14	0.4	0.05	15' 4"	0.50	77,200	
15	0.5	0.04	15' 4"	0.70	95,400	
16	0.7	0.04	15' 4"	0.65	67,500	
17	0.6	0.04	15' 4"	0.70	73,900	
18	0.6	0.04	15' 4"	0.60	81,400	
19	0.7	0.03	15' 4"	0.65	68,800	
20	0.8	0.04	15' 4"	0.65	85,900	
21	0.5	0.04	15' 4"	0.80	80,100	
22	0.5	0.04	15' 4"	0.85	75,200	
23	0.7	0.06	15' 4"	1.00	91,400	
24	0.9	0.04	15' 4"	0.75	92,800	
25	0.6	0.04	15' 4"	0.70	75,700	
26	1.2	0.03	15' 4"	0.75	56,000	
27	1.3	0.04	15' 4"	0.60	81,200	
28	0.9	0.05	15' 4"	0.60	79,800	Storage tank vol. = 7,500 gal./ft.
29	0.8	0.06	15' 4"	0.40	90,900	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	0.7	0.04	15' 4"	0.40	73,400	
31	0.5	0.04	15' 4"	0.65	58,300	2,441,200 GAL./MO

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312, Santa Cruz, CA 95060

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OCT 08 2003

## Surface Water Treatment Plant Monthly Report

System Name: Davenport CSD

Month/Year: SEPT 2003 ENVIRONMENTAL HEALTH SERVICES

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	0.7	0.04	15' 4"	0.80	64,300	
2	0.6	0.04	15' 4"	0.70	59,900	
3	0.7	0.04	15' 4"	0.70	62,400	
4	0.5	0.04	15' 4"	0.90	65,800	
5	2.0	0.04	15' 4"	0.85	81,300	
6	0.7	0.04	15' 4"	0.65	108,100	
7	0.5	0.06	15' 4"	0.45	92,800	
8	0.6	0.04	15' 4"	0.70	73,900	
9	0.3	0.04	15' 4"	1.00	53,700	
10	0.5	0.05	15' 4"	0.90	73,400	
11	0.6	0.04	15' 4"	0.85	61,200	
12	1.3	0.03	15' 4"	0.70	78,700	
13	0.8	0.05	15' 4"	0.40	76,900	
14	0.8	0.05	15' 4"	0.40	57,400	
15	0.8	0.04	15' 4"	0.50	56,800	
16	0.6	0.04	15' 4"	0.60	51,500	
17	0.4	0.04	15' 4"	1.00	78,300	
18	0.6	0.04	15' 4"	0.90	60,300	
19	0.7	0.03	15' 4"	0.65	77,300	
20	0.4	0.04	15' 4"	0.70	88,800	
21	0.8	0.04	15' 4"	0.65	78,400	
22	1.2	0.04	15' 4"	0.40	77,000	
23	0.6	0.04	15' 4"	0.45	61,100	
24	0.8	0.04	15' 4"	0.45	67,500	
25	1.7	0.04	15' 4"	0.50	48,000	
26	0.9	0.04	15' 4"	0.50	75,800	
27	0.8	0.04	15' 4"	0.50	91,200	
28	1.2	0.05	15' 4"	0.60	59,300	Storage tank vol. = 7,500 gal./ft.
29	0.7	0.06	15' 4"	0.45	74,000	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	1.7	0.05	15' 4"	0.60	61,100	
						2,116,200 GAL /MO

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: Davenport CSD

Month/Year: OCT. 2003

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	0.8	0.04	15' 4"	0.60	76,300	
2	0.9	0.04	15' 4"	0.65	48,000	
3	0.9	0.04	15' 4"	0.70	91,600	
4	0.8	0.04	15' 4"	0.70	74,900	
5	0.6	0.04	15' 4"	0.70	53,700	
6	1.2	0.04	15' 4"	0.70	60,800	
7	0.8	0.04	15' 4"	0.80	65,900	
8	1.1	0.50	15' 4"	0.60	73,600	
9	1.4	0.04	15' 4"	0.85	62,500	
10	0.7	0.04	15' 4"	0.70	65,000	
11	0.6	0.04	15' 4"	0.50	64,500	
12	3.7	0.04	15' 4"	0.55	62,500	
13	0.6	0.04	15' 4"	0.50	71,400	
14	0.8	0.04	15' 4"	0.60	51,300	
15	0.8	0.03	15' 4"	0.90	62,800	
16	0.5	0.05	15' 4"	1.00	91,200	
17	0.7	0.03	15' 4"	1.10	30,000	
18	0.5	0.05	15' 4"	0.90	60,000	
19	0.8	0.04	15' 4"	0.90	119,100	
20	0.8	0.04	15' 4"	0.80	54,400	
21	0.5	0.04	15' 4"	0.50	55,300	
22	0.4	0.05	15' 4"	0.60	23,400	
23	0.6	0.04	15' 4"	0.65	66,500	
24	0.9	0.04	15' 4"	0.65	113,100	
25	0.5	0.04	15' 4"	1.00	88,700	
26	0.8	0.05	15' 4"	0.90	33,000	
27	0.6	0.04	15' 4"	0.55	70,200	
28	1.6	0.04	15' 4"	0.85	64,800	Storage tank vol. = 7,500 gal./ft.
29	1.0	0.04	15' 4"	0.85	49,100	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	0.9	0.04	15' 4"	0.80	49,300	
31	2	0.05	15' 4"	0.75	50,100	2,003,000 GAL./MO

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
Filter #2 NTU n/a  
Filter #3 NTU n/a  
Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month

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Santa Cruz County Environmental Health Service  
 701 Ocean Street Rm. 312, Santa Cruz, CA 95060 DEC 1 0 2003

# Surface Water Treatment Plant Monthly Report

System Name: Davenport CSD

Month/Year: NOV. 2003

Date	Raw water turbidity	Filtered water turbidity (see #1 below)	Lowest tank volume	Chlorine residual	Quantity of water treated	Comments (backwash, equipment calibration, chemical addition etc.)
1	0.8	0.04	15' 4"	0.80	63,100	
2	0.7	0.04	15' 4"	0.90	48,000	
3	4.4	0.22	15' 4"	0.80	49,000	
4	0.8	0.06	15' 4"	0.65	35,000	
5	0.6	0.06	15' 4"	0.70	60,800	
6	0.3	0.04	15' 4"	0.50	36,900	
7	2.9	0.21	15' 4"	0.85	39,100	
8	0.8	0.05	15' 4"	0.75	40,600	
9	2.4	0.23	15' 4"	0.50	45,400	
10	>100	N/A	15' 4"	0.55	0	RAIN
11	3.4	0.23	11' 9"	0.45	89,900	
12	1.6	0.05	15' 4"	0.40	46,900	
13	0.8	0.06	15' 4"	0.70	42,700	
14	0.5	0.04	15' 4"	0.70	47,600	
15	0.5	0.04	15' 4"	1.20	46,100	
16	1.6	0.04	15' 4"	0.90	39,400	
17	1.5	0.06	15' 4"	0.85	44,800	
18	1.4	0.04	15' 4"	0.70	17,400	WORK ON SAN VICENTE LINE
19	1.9	0.06	15' 4"	0.70	78,600	
20	0.9	0.05	15' 4"	1.40	41,300	
21	0.6	0.05	15' 4"	1.00	41,600	
22	0.9	0.05	15' 4"	0.95	45,300	
23	1.0	0.04	15' 4"	1.00	60,400	
24	0.5	0.04	15' 4"	1.00	38,200	
25	0.4	0.05	15' 4"	0.90	40,400	
26	0.7	0.05	15' 4"	0.85	68,700	
27	0.5	0.05	15' 4"	0.80	33,700	
28	1.0	0.05	15' 4"	0.90	34,700	Storage tank vol. = 7,500 gal./ft.
29	1.0	0.04	15' 4"	0.90	52,500	7,500 gal./ft. x 17 ft. = 127,500 gal.
30	0.85	0.05	15' 4"	0.85	43,000	
						1,371,100 GAL/MO

1) Submit copies of chart recorder data if available

\*\* Monitor and record turbidity from each filter monthly

Filter #1 NTU n/a  
 Filter #2 NTU n/a  
 Filter #3 NTU n/a  
 Filter #4 NTU n/a

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name:

DAVENPORT

Month/Year: January/ 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	12	103,575	0.80	0	N/A	N/A	Sala Bro's. hauling water
2	N/A	108,875	0.75	0	N/A	N/A	Influent line plugged
3	7.9	105,000	0.90	0	N/A	N/A	Sala Bro's. hauling water
4	4.3	108,125	0.75	82,800	N/A	N/A	
5	3.2	127,500	0.95	22,300	N/A	N/A	
6	2.4	117,500	1.10	38,500	N/A	N/A	
7	2.2	120,000	1.00	46,000	N/A	N/A	
8	2.1	116,250	0.80	36,700	N/A	N/A	
9	1.3	117,500	0.65	30,300	N/A	N/A	
10	2.7	116,250	0.50	43,300	N/A	N/A	
11	1.2	118,750	0.80	34,100	N/A	N/A	
12	1.1	119,375	0.60	42,100	N/A	N/A	
13	1.0	120,000	0.60	38,100	N/A	N/A	
14	1.1	127,500	0.80	42,300	N/A	N/A	
15	0.8	125,625	0.80	22,200	N/A	N/A	
16	0.8	120,000	0.65	51,100	N/A	N/A	
17	0.9	127,500	0.70	28,000	N/A	N/A	
18	1.0	119,375	0.60	37,700	N/A	N/A	
19	0.9	120,000	0.70	40,000	N/A	N/A	
20	0.8	120,625	0.55	28,300	N/A	N/A	
21	0.9	119,375	0.65	39,500	N/A	N/A	
22	1.2	117,500	0.75	43,300	N/A	N/A	
23	0.6	118,125	0.70	37,700	N/A	N/A	
24	0.9	123,125	1.00	54,200	N/A	N/A	
25	0.8	122,500	0.80	34,500	N/A	N/A	
26	1.3	115,625	0.80	38,100	N/A	N/A	
27	0.9	118,750	0.80	35,500	N/A	N/A	
28	0.8	120,625	0.85	50,900	N/A	N/A	
29	0.9	122,500	0.90	38,900	N/A	N/A	
30	0.8	126,250	0.80	43,400	N/A	N/A	
31	0.45	125,500	0.55	34,300	N/A	N/A	

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Complete and submit this form to Environmental Health by the 10th day of the following month FEB 10 2004

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

Month/Year: FEBRUARY 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.6	128,250	0.55	34,800	n/a	n/a	
2	0.6	124,375	0.75	42,900	n/a	n/a	
3	3.8	102,500	0.75	27,300	n/a	n/a	
4	3.9	123,125	0.45	34,500	n/a	n/a	
5	3.0	120,625	0.45	38,900	n/a	n/a	RECEIVED
6	2.6	123,750	0.90	38,500	n/a	n/a	MAR 09 2004
7	1.5	122,500	0.60	43,000	n/a	n/a	ENVIRONMENTAL HEALTH SERVICES
8	1.0	122,500	0.80	43,900	n/a	n/a	
9	0.7	118,125	0.60	41,900	n/a	n/a	
10	1.1	116,250	1.00	9,900	n/a	n/a	
11	0.9	93,750	0.90	65,300	n/a	n/a	
12	0.8	117,500	1.00	39,600	n/a	n/a	
13	0.7	116,250	1.00	41,000	n/a	n/a	
14	1.1	118,750	0.90	40,500	n/a	n/a	
15	0.8	116,250	0.70	45,900	n/a	n/a	
16	2.5	125,625	0.80	38,300	n/a	n/a	
17	1.3	123,750	0.75	29,400	n/a	n/a	
18	31	102,500	0.70	0	n/a	n/a	High Inf. NTU/Sala Bro's. Hauling Water
19	6.0	101,250	0.80	0	n/a	n/a	High Inf. NTU/Sala Bro's. Hauling Water
20	3.7	111,250	0.75	56,100	n/a	n/a	
21	2.5	118,750	1.00	41,900	n/a	n/a	
22	1.9	120,000	1.00	29,100	n/a	n/a	
23	1.7	127,500	0.85	21,100	n/a	n/a	
24	2.1	118,750	0.70	17,400	n/a	n/a	
25	11.1	104,375	0.70	0	n/a	n/a	High Inf. NTU/Sala Bro's. Hauling Water
26	37.0	111,875	0.80	0	n/a	n/a	High Inf. NTU/Sala Bro's. Hauling Water
27	5.8	107,500	0.60	0	n/a	n/a	High Inf. NTU/Sala Bro's. Hauling Water
28	4.5	107,500	0.55	85,300	n/a	n/a	
29	2.9	115,000	0.55	26,500	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

Month/Year: MARCH 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	APR 12 2004
1	2.5	118,125	0.50	38,000	n/a	n/a	ENVIRONMENTAL HEALTH SERVICES
2	2.5	123,125	0.55	36,500	n/a	n/a	
3	1.9	126,250	0.55	23,400	n/a	n/a	
4	2.2	115,625	0.70	44,700	n/a	n/a	
5	1.7	121,875	0.85	43,200	n/a	n/a	
6	1.8	119,375	0.95	39,300	n/a	n/a	
7	1.4	116,250	1.10	50,500	n/a	n/a	
8	1.6	125,000	0.60	36,800	n/a	n/a	
9	1.6	115,625	0.70	38,400	n/a	n/a	
10	1.4	123,125	0.70	40,300	n/a	n/a	
11	1.3	121,875	0.70	39,400	n/a	n/a	
12	1.1	117,500	0.85	64,800	n/a	n/a	
13	1.2	123,750	0.60	53,800	n/a	n/a	
14	0.8	123,125	0.70	28,900	n/a	n/a	
15	1.0	123,750	0.85	32,100	n/a	n/a	
16	1.0	117,500	0.75	44,000	n/a	n/a	
17	0.9	116,250	0.60	50,600	n/a	n/a	
18	0.7	119,375	0.60	64,000	n/a	n/a	
19	1.0	123,125	0.55	34,100	n/a	n/a	
20	0.9	125,625	0.60	38,200	n/a	n/a	
21	1.3	116,875	1.00	44,400	n/a	n/a	
22	0.8	116,875	0.70	57,000	n/a	n/a	
23	0.9	117,500	0.75	40,500	n/a	n/a	
24	1.1	122,500	0.75	43,200	n/a	n/a	
25	1.0	117,500	0.70	43,200	n/a	n/a	
26	2.1	108,125	0.70	49,000	n/a	n/a	
27	1.2	119,375	0.60	46,000	n/a	n/a	
28	1.2	118,125	0.60	43,200	n/a	n/a	
29	1.0	122,500	0.50	39,000	n/a	n/a	
30	1.0	117,500	0.55	35,900	n/a	n/a	
31	0.8	115,625	0.55	37,500	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

Month/Year: May 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.9	116,250	0.75	75,000	n/a	n/a	
2	1.0	115,625	0.65	52,900	n/a	n/a	
3	0.5	115,625	0.60	80,600	n/a	n/a	
4	0.7	124,375	0.85	68,900	n/a	n/a	
5	0.8	120,625	1.20	60,600	n/a	n/a	
6	1.3	118,750	0.80	64,300	n/a	n/a	
7	1.2	120,625	0.90	70,700	n/a	n/a	
8	1.1	124,375	0.70	66,400	n/a	n/a	
9	0.8	121,875	0.65	77,500	n/a	n/a	
10	0.9	121,250	0.45	73,500	n/a	n/a	
11	1.3	117,500	0.65	74,400	n/a	n/a	
12	0.7	120,625	0.65	64,500	n/a	n/a	
13	0.8	120,625	0.95	63,600	n/a	n/a	
14	0.9	121,250	0.80	89,700	n/a	n/a	
15	0.5	119,375	0.80	79,500	n/a	n/a	
16	0.7	116,250	0.90	46,900	n/a	n/a	
17	0.8	116,250	0.65	101,600	n/a	n/a	
18	0.5	124,375	0.65	43,300	n/a	n/a	
19	0.9	118,875	0.80	71,100	n/a	n/a	
20	0.7	117,500	0.65	71,200	n/a	n/a	
21	1.1	123,125	0.65	85,000	n/a	n/a	
22	0.8	126,250	0.75	72,200	n/a	n/a	
23	0.9	127,500	0.75	71,200	n/a	n/a	
24	0.6	119,375	0.70	71,200	n/a	n/a	
25	1.0	118,125	0.60	87,900	n/a	n/a	
26	0.8	122,500	0.70	62,700	n/a	n/a	
27	1.3	120,000	0.70	58,000	n/a	n/a	
28	0.7	124,375	0.65	56,500	n/a	n/a	
29	0.4	121,875	0.55	76,200	n/a	n/a	
30	0.9	123,125	0.80	77,400	n/a	n/a	
31	0.6	121,250	0.75	78,400			

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Complete and submit this form to Environmental Health by the 10th day of the following month - 8 2004



## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

JUNE 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi)		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					bag/cartridge only	bag/cartridge only	
					Prefilter	Filter	
1	0.7	120,625	0.75	63,400	n/a	n/a	
2	0.7	120,000	0.75	69,000	n/a	n/a	
3	0.6	127,500	0.55	59,800	n/a	n/a	
4	1.1	125,625	0.70	89,400	n/a	n/a	
5	0.8	125,000	0.85	89,600	n/a	n/a	
6	3.9	125,000	0.60	70,800	n/a	n/a	
7	0.7	119,375	0.45	71,000	n/a	n/a	
8	1.0	118,125	0.50	52,200	n/a	n/a	
9	0.8	122,500	0.45	78,400	n/a	n/a	
10	0.7	121,875	0.45	66,000	n/a	n/a	
11	1.3	123,750	0.75	100,400	n/a	n/a	
12	0.6	126,875	1.20	74,000	n/a	n/a	
13	3.5	120,625	1.00	81,300	n/a	n/a	
14	0.6	115,625	0.50	93,500	n/a	n/a	
15	1.2	125,625	0.60	79,000	n/a	n/a	
16	1.1	121,250	0.65	58,700	n/a	n/a	
17	1.0	116,875	0.70	90,000	n/a	n/a	
18	1.4	124,375	1.00	56,900	n/a	n/a	
19	0.5	119,375	1.00	76,800	n/a	n/a	
20	0.5	119,375	1.00	77,300	n/a	n/a	
21	0.8	121,250	0.65	72,700	n/a	n/a	
22	2.0	125,000	0.60	71,300	n/a	n/a	
23	0.8	121,250	0.70	79,300	n/a	n/a	
24	1.8	116,250	0.60	54,700	n/a	n/a	
25	1.4	117,500	0.80	69,100	n/a	n/a	
26	0.9	118,750	0.65	86,000	n/a	n/a	
27	1.4	118,750	0.60	93,900	n/a	n/a	
28	0.8	125,625	0.50	48,700	n/a	n/a	
29	1.9	118,750	0.75	100,800	n/a	n/a	
30	1.5	116,250	0.90	75,900	n/a	n/a	

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JUL 18 2004  
ENVIRONMENTAL  
HEALTH SERVICES

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

July 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.5	119,375	0.85	87,000	n/a	n/a	
2	0.7	122,500	0.85	76,100	n/a	n/a	
3	0.8	115,625	0.80	105,600	n/a	n/a	
4	0.5	115,625	1.10	80,000	n/a	n/a	
5	0.5	120,000	1.00	93,300	n/a	n/a	
6	0.8	122,875	0.80	52,700	n/a	n/a	
7	1.8	127,500	0.70	37,100	n/a	n/a	
8	0.8	115,000	0.50	40,100	n/a	n/a	
9	1.5	115,625	0.50	91,200	n/a	n/a	
10	1.8	118,125	0.70	37,900	n/a	n/a	
11	0.5	116,875	0.75	74,800	n/a	n/a	
12	0.6	122,500	0.80	23,900	n/a	n/a	
13	1.2	116,000	0.75	80,000	n/a	n/a	
14	1.2	115,625	0.65	36,900	n/a	n/a	
15	1.3	90,000	0.80	94,500	n/a	n/a	
16	1.2	118,750	0.70	83,500	n/a	n/a	
17	0.7	115,825	0.80	95,000	n/a	n/a	
18	1.2	118,125	0.80	93,600	n/a	n/a	
19	1.1	112,500	0.75	92,200	n/a	n/a	
20	0.7	115,625	0.75	81,300	n/a	n/a	
21	0.8	112,500	0.75	96,500	n/a	n/a	
22	1.0	116,250	0.75	71,900	n/a	n/a	
23	n/a	124,375	0.80	54,100	n/a	n/a	no raw water n.t.u. = operator oversight
24	0.8	117,500	0.80	62,700	n/a	n/a	
25	0.4	116,875	0.85	79,100	n/a	n/a	
26	1.1	121,250	1.20	69,200	n/a	n/a	
27	0.9	113,125	0.90	78,200	n/a	n/a	
28	0.8	112,500	0.90	47,500	n/a	n/a	
29	0.8	112,500	1.00	73,700	n/a	n/a	
30	0.7	123,125	0.95	52,500	n/a	n/a	
31	0.5	113,125	1	76,900	n/a	n/a	

Entered

AUG 17 2004

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

AUG 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.3	115,000	0.85	63,500	n/a	n/a	SEP 13 2004
2	0.5	113,750	0.85	78,600	n/a	n/a	
3	1.1	116,875	1.00	63,900	n/a	n/a	ENVIRONMENTAL HEALTH SERVICES
4	1.0	120,625	0.70	73,700	n/a	n/a	
5	0.8	115,000	0.65	78,100	n/a	n/a	
6	1.2	113,125	0.55	91,900	n/a	n/a	
7	1.0	116,875	0.95	93,900	n/a	n/a	
8	0.6	116,875	1.10	70,300	n/a	n/a	
9	1.4	115,000	1.00	68,800	n/a	n/a	
10	0.8	113,125	0.75	97,000	n/a	n/a	
11	0.7	120,625	0.95	66,300	n/a	n/a	
12	1.1	116,875	0.90	65,900	n/a	n/a	
13	0.9	113,750	0.90	93,100	n/a	n/a	
14	0.3	114,375	0.70	93,200	n/a	n/a	
15	0.2	112,500	1.00	79,300	n/a	n/a	
16	0.6	115,000	0.90	108,100	n/a	n/a	
17	1.0	115,000	0.90	65,300	n/a	n/a	
18	0.5	125,625	0.85	57,100	n/a	n/a	
19	1.4	113,125	0.95	60,000	n/a	n/a	
20	0.5	125,000	0.95	61,000	n/a	n/a	
21	0.3	116,875	0.90	77,100	n/a	n/a	
22	0.4	118,125	0.90	80,500	n/a	n/a	
23	0.5	115,000	0.80	58,800	n/a	n/a	
24	0.5	114,375	0.90	69,400	n/a	n/a	
25	1.3	120,000	1.10	60,900	n/a	n/a	
26	0.4	125,000	0.90	77,800	n/a	n/a	
27	1.1	115,625	0.80	66,800	n/a	n/a	
28	0.5	115,625	0.75	62,600	n/a	n/a	
29	0.4	118,125	0.80	47,300	n/a	n/a	
30	1.3	113,125	0.95	53,200	n/a	n/a	
31	0.5	118,750	0.9	75,200	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312 Santa Cruz, CA 95060

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

*September 2004*

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.8	113,125	0.80	74,700	n/a	n/a	
2	0.5	117,500	0.80	66,200	n/a	n/a	
3	0.8	126,250	0.80	57,800	n/a	n/a	
4	1.8	120,625	0.80	110,200	n/a	n/a	
5	1.2	126,250	0.90	92,200	n/a	n/a	
6	0.4	116,250	1.00	95,600	n/a	n/a	
7	0.8	115,000	0.80	75,600	n/a	n/a	
8	1.1	112,500	0.75	106,600	n/a	n/a	
9	0.3	116,875	1.00	80,000	n/a	n/a	
10	0.6	112,500	1.00	66,400	n/a	n/a	
11	0.4	115,625	1.00	88,300	n/a	n/a	
12	0.5	120,625	1.00	68,300	n/a	n/a	
13	0.4	113,125	1.05	49,800	n/a	n/a	
14	0.9	115,625	0.95	57,500	n/a	n/a	
15	1.7	120,000	0.80	50,900	n/a	n/a	
16	0.5	115,000	0.50	72,000	n/a	n/a	Entered OCT 28 2004
17	0.5	126,875	0.90	76,100	n/a	n/a	
18	0.4	124,375	0.70	60,900	n/a	n/a	
19	0.5	112,500	0.60	36,700	n/a	n/a	
20	0.9	115,000	0.85	53,600	n/a	n/a	
21	0.6	116,250	0.90	75,900	n/a	n/a	
22	0.5	118,125	0.90	62,700	n/a	n/a	
23	0.7	116,250	0.80	80,500	n/a	n/a	
24	1.2	115,000	0.75	69,000	n/a	n/a	
25	0.4	115,000	0.75	66,000	n/a	n/a	
26	0.5	113,750	0.80	69,000	n/a	n/a	
27	0.9	117,500	0.80	58,600	n/a	n/a	
28	0.9	112,000	0.75	69,200	n/a	n/a	
29	0.7	117,500	0.75	60,300	n/a	n/a	
30	0.9	126,250	0.75	36,000	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Pre-filter	Filter	
1	0.9	113,125	0.80	93,100	n/a	n/a	
2	1.4	125,000	0.70	49,400	n/a	n/a	
3	0.3	121,250	1.20	69,900	n/a	n/a	
4	0.7	123,750	0.85	58,700	n/a	n/a	
5	0.8	119,375	0.85	51,000	n/a	n/a	
6	0.6	114,375	0.80	72,200	n/a	n/a	
7	1.7	115,000	0.90	45,100	n/a	n/a	
8	1.3	80,000	0.85	59,800	n/a	n/a	
9	1.1	114,375	0.70	66,400	n/a	n/a	
10	1.5	113,125	0.70	102,000	n/a	n/a	
11	1.2	123,750	0.80	51,800	n/a	n/a	
12	0.6	126,250	0.70	61,900	n/a	n/a	
13	1.5	116,250	0.75	68,800	n/a	n/a	
14	1.1	116,250	0.90	76,700	n/a	n/a	
15	0.8	120,000	0.80	38,300	n/a	n/a	
16	0.3	118,750	0.90	43,400	n/a	n/a	
17	2.4	113,125	0.90	43,000	n/a	n/a	
18	2.8	112,500	1.00	65,300	n/a	n/a	
19	1.3	118,125	0.90	7,300	n/a	n/a	
20	n/a	101,250	0.85	0	n/a	n/a	High inf. NTU and Lightning damage.
21	n/a	111,825	1.00	0	n/a	n/a	Sala Bro's. hauling water (three days).
22	4.2	98,180	0.90	0	n/a	n/a	
23	1.9	101,250	0.75	63,900	n/a	n/a	1 of 2 booster pumps replaced. Plant is
24	1.4	116,875	0.45	38,500	n/a	n/a	back on line.
25	4.3	118,750	0.50	34,500	n/a	n/a	
26	1.3	127,500	1.00	3,200	n/a	n/a	
27	1.3	92,500	0.65	80,400	n/a	n/a	
28	3.7	123,125	0.65	32,800	n/a	n/a	
29	0.6	116,250	0.65	33,600	n/a	n/a	
30	0.7	113,750	0.60	46,200	n/a	n/a	
31	0.5	124,375	1	30,200	n/a	n/a	

Oct 2, 2004

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

Nov. 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.7	113,750	0.90	52,800	n/a	n/a	
2	1.3	113,750	0.95	57,900	n/a	n/a	
3	0.6	123,125	0.85	35,500	n/a	n/a	
4	0.9	115,000	0.90	43,100	n/a	n/a	
5	0.9	122,500	0.85	33,300	n/a	n/a	
6	0.8	121,250	1.00	65,900	n/a	n/a	
7	0.6	126,875	0.80	31,500	n/a	n/a	
8	0.3	113,125	1.00	46,100	n/a	n/a	
9	0.5	123,125	0.90	31,800	n/a	n/a	
10	0.3	115,625	0.85	39,600	n/a	n/a	
11	5.3	126,875	0.95	0	n/a	n/a	Rain & High Influent Turbidity (plant is off)
12	1.0	98,750	0.95	62,900	n/a	n/a	
13	0.9	115,625	0.85	46,800	n/a	n/a	
14	0.5	113,125	0.85	48,900	n/a	n/a	
15	0.4	119,375	0.90	40,000	n/a	n/a	
16	0.7	123,125	0.95	46,400	n/a	n/a	
17	0.6	126,250	0.85	28,800	n/a	n/a	
18	0.3	115,625	1.20	41,900	n/a	n/a	
19	0.4	114,375	0.80	52,800	n/a	n/a	
20	0.6	116,250	0.80	46,200	n/a	n/a	
21	0.8	115,000	0.75	60,200	n/a	n/a	
22	1.5	120,625	0.60	33,600	n/a	n/a	
23	0.4	117,500	0.80	54,800	n/a	n/a	
24	0.8	121,250	0.70	45,200	n/a	n/a	
25	0.9	118,750	0.65	47,000	n/a	n/a	
26	1.3	123,125	0.70	31,500	n/a	n/a	
27	2.2	121,250	0.85	9,800	n/a	n/a	Rain. Topped off tank and shut down.
28	0.9	91,250	0.75	72,400	n/a	n/a	
29	0.3	115,625	0.60	37,100	n/a	n/a	
30	0.4	123,125	0.65	36,700	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312 Santa Cruz, CA 95060

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

DEC. 2004

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Pre-filter	Filter	
1	0.2	121,875	0.80	32,600	n/a	n/a	
2	1.0	114,375	0.85	46,500	n/a	n/a	
3	1.3	121,250	0.90	43,000	n/a	n/a	
4	1.1	121,875	1.00	26,100	n/a	n/a	
5	0.4	125,000	1.20	45,100	n/a	n/a	
6	0.4	117,500	0.85	32,600	n/a	n/a	
7	16.0	105,000	0.85	0	n/a	n/a	High inf. N.T.U. Trucking in water
8	34.0	82,500	0.85	0	n/a	n/a	" "
9	19.0	101,250	0.65	0	n/a	n/a	" "
10	3.8	90,000	0.85	48,000	n/a	n/a	
11	2.7	105,000	0.80	70,500	n/a	n/a	
12	1.3	118,125	0.80	35,900	n/a	n/a	
13	0.9	121,250	0.50	37,200	n/a	n/a	
14	2.7	117,500	0.70	45,400	n/a	n/a	
15	1.2	117,500	0.65	40,500	n/a	n/a	
16	1.5	121,250	0.75	34,400	n/a	n/a	
17	0.7	118,750	0.70	38,800	n/a	n/a	
18	0.7	124,375	0.75	29,500	n/a	n/a	
19	0.9	113,125	0.70	55,800	n/a	n/a	
20	1.2	117,500	0.80	44,300	n/a	n/a	
21	1.5	122,500	0.75	46,700	n/a	n/a	
22	0.6	113,750	0.65	31,000	n/a	n/a	
23	0.6	120,625	0.50	38,400	n/a	n/a	
24	1.6	120,625	0.70	41,200	n/a	n/a	
25	0.5	113,750	0.65	44,900	n/a	n/a	
26	1.1	113,750	0.60	22,300	n/a	n/a	
27	6.5	101,250	0.60	0	n/a	n/a	High inf. N.T.U. Trucking in water
28	9.9	112,500	0.75	0	n/a	n/a	" "
29	4.8	97,500	0.75	0	n/a	n/a	" "
30	12.3	93,750	0.90	0	n/a	n/a	" "
31	28.0	93,750	0.95	0			" "

Complete and submit this form to Environmental Health by the 10th day of the following month

# Surface Water Treatment Plant Monthly Report

RECEIVED

FEB 18 2006

System Name: DAVENPORT CSD

January 2005

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi)		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					bag/cartridge only		
					Prefilter	Filter	
1	6.0	105,000	1.00	0	n/a	n/a	Sala Bro's. hauling water
2	4.8	101,250	0.95	0	n/a	n/a	Sala Bro's. hauling water
3	15.5	99,750	0.75	0	n/a	n/a	Sala Bro's. hauling water
4	4.5	99,375	0.85	0	n/a	n/a	Sala Bro's. hauling water
5	3.9	111,000	0.85	54,200	n/a	n/a	
6	3.6	123,125	0.80	41,300	n/a	n/a	
7	5.6	111,750	0.80	0	n/a	n/a	Sala Bro's. hauling water
8	33.0	93,750	0.85	0	n/a	n/a	Sala Bro's. hauling water
9	12.0	105,000	0.70	0	n/a	n/a	Sala Bro's. hauling water
10	3.1	108,750	0.80	24,400	n/a	n/a	
11	15	90,000	0.60	0	n/a	n/a	Sala Bro's. hauling water
12	3.8	108,750	0.70	47,100	n/a	n/a	
13	3.4	113,125	0.70	35,900	n/a	n/a	
14	2.6	101,250	0.75	61,100	n/a	n/a	
15	2.2	120,625	0.75	40,800	n/a	n/a	
16	2.1	120,000	1.00	45,000	n/a	n/a	
17	2.0	115,000	0.90	40,300	n/a	n/a	
18	1.7	113,750	0.50	41,800	n/a	n/a	
19	2.5	123,750	0.80	37,500	n/a	n/a	
20	1.9	120,625	0.85	24,500	n/a	n/a	
21	1.2	112,500	0.85	53,100	n/a	n/a	
22	1.5	114,375	0.85	41,300	n/a	n/a	
23	1.9	118,125	1.00	42,700	n/a	n/a	
24	1.2	117,500	0.95	21,000	n/a	n/a	
25	1.2	113,125	0.90	47,100	n/a	n/a	
26	4.1	125,000	0.90	1,600	n/a	n/a	
27	1.9	108,750	0.70	30,000	n/a	n/a	
28	18.5	109,500	0.80	0	n/a	n/a	Sala Bro's. hauling water
29	2.2	108,875	0.85	53,400	n/a	n/a	
30	1.5	113,125	1.00	39,500	n/a	n/a	
31	1.8	115,625	1.10	48,400			

Complete and submit this form to Environmental Health by the 10th day of the following month



## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

*February 2005*

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	1.7	127,500	0.90	21,600	n/a	n/a	
2	1.5	118,125	0.90	31,300	n/a	n/a	
3	1.6	118,750	0.85	56,600	n/a	n/a	
4	1.3	115,825	0.80	33,700	n/a	n/a	
5	1.6	125,625	0.60	38,600	n/a	n/a	
6	1.8	126,250	0.90	21,900	n/a	n/a	
7	1.7	113,750	0.85	65,000	n/a	n/a	
8	1.5	122,500	0.90	29,300	n/a	n/a	
9	2.3	116,875	0.80	24,900	n/a	n/a	
10	2.5	117,500	0.90	40,200	n/a	n/a	Calibrated Turbidimeter
11	1.5	117,500	0.75	40,000	n/a	n/a	Calibrated Chlorine Monitor
12	2.1	120,000	0.65	36,200	n/a	n/a	
13	1.5	118,125	0.60	39,100	n/a	n/a	
14	1.8	123,125	0.90	24,300	n/a	n/a	
15	3.0	118,250	0.90	7,400	n/a	n/a	
16	27.0	110,000	0.85	0	n/a	n/a	Sala Bro's. Hauling Water
17	16.0	100,000	0.85	0	n/a	n/a	Sala Bro's. Hauling Water
18	63.0	108,750	0.90	0	n/a	n/a	Sala Bro's. Hauling Water
19	5.3	105,000	0.85	0	n/a	n/a	Sala Bro's. Hauling Water
20	10.1	97,500	0.80	0	n/a	n/a	Sala Bro's. Hauling Water
21	14.1	98,750	0.65	0	n/a	n/a	Sala Bro's. Hauling Water
22	8.9	103,375	0.95	0	n/a	n/a	
23	4.5	98,125	0.80	0	n/a	n/a	Sala Bro's. Hauling Water
24	4.4	85,000	0.70	0	n/a	n/a	Sala Bro's. Hauling Water
25	2.5	108,125	0.75	25,000	n/a	n/a	
26	2.5	114,375	0.75	49,400	n/a	n/a	
27	3.1	125,625	0.85	31,400	n/a	n/a	
28	2.4	100,000	0.85	42,800	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

MARCH 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	2.2	124,375	0.85	16,300	n/a	n/a	
2	20.0	109,375	0.70	0	n/a	n/a	Rain. Sala Bro's. hauling water
3	4	102,500	0.80	0	n/a	n/a	Rain. Sala Bro's. hauling water
4	3.9	108,750	0.70	0	n/a	n/a	Rain. Sala Bro's. hauling water
5	2.6	112,500	0.65	55,000	n/a	n/a	
6	2.3	121,875	0.70	34,000	n/a	n/a	
7	7.3	112,500	0.90	0	n/a	n/a	RMC flushing raw water supply lines
8	2.4	112,500	1.00	53,200	n/a	n/a	
9	2.4	120,625	1.00	44,800	n/a	n/a	
10	2.1	118,750	0.80	48,700	n/a	n/a	
11	1.4	126,875	0.80	43,600	n/a	n/a	
12	1.5	123,750	0.80	25,200	n/a	n/a	
13	1.1	112,500	0.80	27,200	n/a	n/a	
14	1.7	115,000	0.95	23,600	n/a	n/a	
15	3.6	106,876	0.80	10,500	n/a	n/a	
16	2.3	85,625	0.80	42,800	n/a	n/a	
17	2.8	82,500	0.80	70,300	n/a	n/a	
18	1.5	124,375	0.90	30,600	n/a	n/a	
19	24.0	114,375	0.90	0	n/a	n/a	Rain. Sala Bro's. hauling water
20	3.35	105,000	0.80	51,100	n/a	n/a	
21	1.7	112,500	0.95	51,600	n/a	n/a	
22	141.0	120,000	0.85	0	n/a	n/a	Low Flow from San V. No flow Mill Cr.
23	18.5	102,500	0.90	0	n/a	n/a	Rain. Sala Bro's. hauling water
24	13.8	110,625	0.90	0	n/a	n/a	Rain. Sala Bro's. hauling water
25	12.7	112,500	0.85	0	n/a	n/a	Lingering high NTU in sand trap
26	4.5	111,250	0.70	23,600	n/a	n/a	
27	3.8	91,250	0.70	38,500	n/a	n/a	
28	32.1	80,625	0.85	0	n/a	n/a	Rain. Sala Bro's. hauling water
29	5.4	107,500	1.50	0	n/a	n/a	Rain. Sala Bro's. hauling water
30	5.4	112,500	1.20	0	n/a	n/a	Lingering high NTU in sand trap
31	5.8	106,250	0.90	0	n/a	n/a	Lingering high NTU in sand trap

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

APRIL 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	4.1	112,500	0.80	36,200	n/a	n/a	
2	4.0	103,125	0.75	34,200	n/a	n/a	
3	3.4	88,750	0.75	58,100	n/a	n/a	
4	6.0	97,500	0.75	0	n/a	n/a	Rain. Sala Bro's. hauling water
5	3.5	112,500	0.75	25,600	n/a	n/a	
6	3.1	101,250	0.80	38,100	n/a	n/a	
7	5.1	84,375	0.55	0	n/a	n/a	Rain. Sala Bro's. hauling water
8	4.5	113,125	0.70	0	n/a	n/a	Rain. Sala Bro's. hauling water
9	4.3	105,000	0.65	0	n/a	n/a	Rain. Sala Bro's. hauling water
10	2.7	103,750	0.80	34,500	n/a	n/a	
11	3.0	96,250	0.70	0	n/a	n/a	Rain. Sala Bro's. hauling water
12	2.7	115,625	0.65	10,600	n/a	n/a	
13	3.3	89,375	0.65	14,600	n/a	n/a	Rain. Sala Bro's. hauling water
14	3.2	116,250	0.65	0	n/a	n/a	Rain. Sala Bro's. hauling water
15	2.5	103,750	0.70	40,300	n/a	n/a	
16	3.0	90,000	0.75	0	n/a	n/a	Rain. Sala Bro's. hauling water
17	2.5	97,500	0.80	9,700	n/a	n/a	Sala Bro's. Hauling Water
18	3.2	97,500	0.75	0	n/a	n/a	Sala Bro's. Hauling Water
19	2.7	105,000	0.70	0	n/a	n/a	Sala Bro's. Hauling Water
20	1.9	111,875	0.80	35,500	n/a	n/a	
21	1.8	121,250	0.75	72,700	n/a	n/a	
22	2.2	90,000	0.95	94,500	n/a	n/a	
23	2.9	8,000	1.20	8,000	n/a	n/a	
24	2.8	66,200	1.20	66,200	n/a	n/a	
25	2.1	115,625	1.10	57,400	n/a	n/a	
26	2.4	120,625	1.00	62,800	n/a	n/a	
27	3.5	120,000	1.00	20,700	n/a	n/a	
28	2.3	113,125	0.95	53,100	n/a	n/a	
29	2.4	115,625	0.95	51,100	n/a	n/a	
30	1.5	126,875	1.00	29,600	n/a	n/a	
					n/a	n/a	

**Complete and submit this form to Environmental Health by the 10th day of the following month**

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312 Santa Cruz, CA 95060

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

MAY 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	2.1	115,000	1.00	58,000	n/a	n/a	
2	1.8	115,825	0.75	51,800	n/a	n/a	
3	2.0	123,125	0.95	50,300	n/a	n/a	
4	1.5	118,750	0.85	35,100	n/a	n/a	
5	3.0	124,375	1.00	38,500	n/a	n/a	
6	2.2	123,750	1.00	48,900	n/a	n/a	
7	1.7	125,000	1.20	24,100	n/a	n/a	
8	1.9	115,625	1.00	47,000	n/a	n/a	
9	4.0	112,500	1.10	3,200	n/a	n/a	Rain after midnight
10	1.8	103,750	1.10	56,200	n/a	n/a	
11	1.4	118,750	1.20	37,900	n/a	n/a	
12	1.3	115,625	1.45	47,900	n/a	n/a	
13	0.9	113,125	1.70	45,300	n/a	n/a	
14	1.3	121,875	1.45	35,600	n/a	n/a	
15	1.9	115,625	1.80	54,600	n/a	n/a	
16	2.1	122,500	1.50	55,800	n/a	n/a	
17	1.0	113,750	1.10	49,300	n/a	n/a	
18	0.9	119,375	1.10	38,700	n/a	n/a	
19	13.8	120,000	1.00	0	n/a	n/a	Raining
20	4.0	86,875	1.10	76,000	n/a	n/a	
21	3.4	113,125	1.00	54,400	n/a	n/a	
22	1.6	120,625	1.00	40,300	n/a	n/a	
23	1.1	116,875	0.90	55,300	n/a	n/a	
24	1.3	120,625	1.60	48,000	n/a	n/a	
25	1.3	114,375	1.60	60,300	n/a	n/a	
26	1.1	114,375	1.30	54,300	n/a	n/a	
27	1.3	112,500	1.00	53,000	n/a	n/a	
28	2.0	115,000	1.15	62,200	n/a	n/a	
29	1.5	121,875	1.10	63,700	n/a	n/a	
30	1.2	113,750	1.00	74,600	n/a	n/a	
31	1.3	115,625	1.40	56,500	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

JUNE 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.9	113,125	2.00	55,000	n/a	n/a	
2	1.0	115,000	1.50	66,100	n/a	n/a	
3	0.7	117,500	1.50	81,200	n/a	n/a	
4	0.8	112,500	2.00	65,700	n/a	n/a	
5	1.0	113,125	1.90	57,400	n/a	n/a	
6	1.6	115,625	1.75	75,500	n/a	n/a	
7	2.0	112,500	0.95	73,300	n/a	n/a	
8	1.7	115,000	0.75	50,900	n/a	n/a	
9	1.5	113,750	0.80	57,400	n/a	n/a	
10	1.1	113,125	0.90	67,400	n/a	n/a	
11	1.4	120,000	0.95	48,700	n/a	n/a	
12	1.2	113,750	1.20	76,400	n/a	n/a	
13	1.3	113,750	1.30	74,100	n/a	n/a	
14	1.1	112,500	1.26	60,700	n/a	n/a	
15	1.1	116,250	1.00	75,300	n/a	n/a	
16	1.0	125,625	1.00	20,500	n/a	n/a	
17	2.7	108,125	0.85	84,300	n/a	n/a	
18	1.1	126,875	0.85	41,300	n/a	n/a	
19	1.2	116,250	0.90	69,500	n/a	n/a	
20	1.4	113,750	1.00	57,200	n/a	n/a	
21	1.2	113,125	1.15	53,300	n/a	n/a	
22	1.0	122,500	1.19	70,600	n/a	n/a	
23	1.8	119,375	1.13	38,300	n/a	n/a	
24	1.7	121,250	0.97	83,500	n/a	n/a	
25	0.5	117,500	1.14	62,000	n/a	n/a	
26	0.6	126,250	1.11	44,100	n/a	n/a	
27	0.6	115,625	1.10	70,000	n/a	n/a	
28	0.9	126,250	0.88	45,100	n/a	n/a	
29	0.8	113,125	1.09	53,600	n/a	n/a	
30	1.5	116,250	1.07	56,800	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

JULY 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	1.2	115,625	1.01	88,900	n/a	n/a	
2	0.8	114,375	1.00	62,000	n/a	n/a	
3	0.9	121,875	0.90	39,500	n/a	n/a	
4	1.0	118,750	1.06	68,100	n/a	n/a	
5	0.9	113,750	1.04	79,600	n/a	n/a	
6	0.8	117,500	0.95	44,400	n/a	n/a	
7	0.6	116,250	1.09	49,000	n/a	n/a	
8	0.8	116,250	1.09	65,800	n/a	n/a	
9	0.7	112,099	1.03	75,400	n/a	n/a	
10	0.6	106,400	0.93	64,200	n/a	n/a	
11	0.5	112,500	1.17	74,600	n/a	n/a	
12	0.7	116,875	1.03	63,900	n/a	n/a	
13	0.6	118,125	1.31	73,200	n/a	n/a	
14	1.6	118,125	1.06	69,100	n/a	n/a	
15	1.6	119,375	1.04	82,800	n/a	n/a	
16	1.5	121,875	0.90	83,000	n/a	n/a	
17	0.1	121,875	0.90	68,200	n/a	n/a	
18	0.9	106,400	0.84	70,800	n/a	n/a	
19	0.9	119,375	1.06	48,600	n/a	n/a	
20	0.9	115,000	1.18	57,000	n/a	n/a	
21	0.6	115,625	1.30	59,700	n/a	n/a	
22	0.6	116,250	1.01	58,600	n/a	n/a	
23	0.8	116,250	0.91	72,800	n/a	n/a	
24	0.5	112,500	0.83	71,300	n/a	n/a	
25	0.9	115,625	1.02	66,500	n/a	n/a	
26	0.9	113,125	1.09	47,400	n/a	n/a	
27	0.7	116,250	1.08	51,100	n/a	n/a	
28	1.3	125,625	1.08	51,800	n/a	n/a	
29	0.8	114,375	0.96	90,100	n/a	n/a	
30	0.4	112,500	0.97	76,900	n/a	n/a	
31	1.2	121,250	0.98	49,600			

**Complete and submit this form to Environmental Health by the 10th day of the following month**

## Surface Water Treatment Plant Monthly Report

System Name: **DAVENPORT CSD**

AUGUST 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	1.1	114,375	1.30	63,200	n/a	n/a	
2	1.2	113,750	1.09	77,500	n/a	n/a	
3	1.0	116,875	1.20	56,100	n/a	n/a	
4	0.8	113,125	1.04	69,200	n/a	n/a	
5	0.8	122,500	1.08	57,700	n/a	n/a	
6	1.3	121,875	0.99	78,200	n/a	n/a	
7	0.9	122,500	0.98	53,100	n/a	n/a	
8	0.8	113,750	0.92	60,900	n/a	n/a	
9	1.0	115,000	0.96	62,000	n/a	n/a	
10	0.7	116,250	0.98	53,600	n/a	n/a	
11	1.5	112,500	1.05	79,000	n/a	n/a	
12	0.8	116,250	1.10	88,300	n/a	n/a	
13	0.5	122,500	1.01	49,000	n/a	n/a	
14	0.5	115,625	1.03	84,200	n/a	n/a	
15	0.4	125,625	1.10	43,500	n/a	n/a	
16	1.0	115,000	1.22	74,900	n/a	n/a	
17	0.7	115,625	1.06	58,400	n/a	n/a	
18	0.8	126,250	1.11	70,900	n/a	n/a	
19	0.7	112,500	0.96	51,600	n/a	n/a	
20	0.9	116,875	1.07	69,600	n/a	n/a	
21	0.9	123,125	1.26	81,100	n/a	n/a	
22	0.9	115,625	1.10	90,300	n/a	n/a	
23	0.9	121,875	1.02	59,900	n/a	n/a	
24	0.6	116,250	1.15	59,400	n/a	n/a	
25	1.6	113,750	1.08	82,800	n/a	n/a	
26	0.7	120,000	1.08	50,500	n/a	n/a	
27	0.9	113,125	1.06	90,100	n/a	n/a	
28	0.9	118,125	1.32	69,000	n/a	n/a	
29	1.5	116,250	1.35	77,100	n/a	n/a	
30	0.7	114,375	1.01	79,800	n/a	n/a	
31	0.7	118,125	1.02	84,100	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

# Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

SEPTEMBER 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	1.1	123,750	1.04	50,300	n/a	n/a	
2	0.9	113,125	0.85	98,300	n/a	n/a	
3	0.6	113,125	0.94	70,000	n/a	n/a	
4	0.6	113,125	0.82	81,600	n/a	n/a	
5	0.7	113,750	0.79	86,000	n/a	n/a	
6	0.8	115,625	0.64	74,700	n/a	n/a	
7	1.1	113,125	0.62	60,500	n/a	n/a	
8	0.7	115,625	0.82	55,300	n/a	n/a	
9	0.7	113,750	0.87	80,000	n/a	n/a	
10	0.8	113,750	0.95	92,000	n/a	n/a	
11	0.5	121,875	1.10	72,500	n/a	n/a	
12	0.5	118,125	1.37	73,100	n/a	n/a	
13	1.0	113,750	1.18	68,800	n/a	n/a	
14	0.6	117,500	1.20	85,100	n/a	n/a	
15	0.8	125,625	0.80	54,500	n/a	n/a	
16	0.6	115,625	0.86	88,600	n/a	n/a	
17	0.4	117,500	1.44	81,500	n/a	n/a	
18	0.3	114,375	1.19	57,900	n/a	n/a	
19	0.5	115,000	0.82	64,000	n/a	n/a	
20	0.8	116,250	1.02	77,400	n/a	n/a	
21	0.6	123,750	1.01	56,600	n/a	n/a	
22	0.5	113,125	1.03	57,400	n/a	n/a	
23	0.9	115,000	1.02	69,300	n/a	n/a	
24	0.8	113,125	1.10	70,000	n/a	n/a	
25	0.6	116,875	1.18	95,400	n/a	n/a	
26	0.5	125,625	1.14	41,300	n/a	n/a	
27	0.9	113,125	1.13	53,900	n/a	n/a	
28	0.5	113,750	1.30	67,000	n/a	n/a	
29	0.7	112,500	1.07	77,700	n/a	n/a	
30	0.5	112,500	1.14	79,200	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month



## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

OCTOBER 05

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.6	118,125	1.12	71,100	n/a	n/a	
2	0.7	116,875	1.15	74,400	n/a	n/a	
3	0.7	125,625	1.01	56,600	n/a	n/a	
4	0.5	113,125	0.92	70,600	n/a	n/a	
5	0.8	118,125	0.89	62,200	n/a	n/a	
6	1.0	116,250	0.93	70,700	n/a	n/a	
7	1.1	114,375	1.10	83,500	n/a	n/a	
8	0.9	115,000	0.95	80,500	n/a	n/a	
9	0.3	118,750	1.02	70,800	n/a	n/a	
10	0.4	118,125	1.07	63,600	n/a	n/a	
11	0.4	113,750	1.10	60,100	n/a	n/a	
12	0.4	116,875	1.05	75,500	n/a	n/a	
13	0.5	113,750	0.70	73,300	n/a	n/a	
14	0.5	115,000	1.41	89,000	n/a	n/a	
15	0.8	123,125	1.05	65,000	n/a	n/a	
16	0.7	115,625	1.07	55,400	n/a	n/a	
17	0.4	113,750	1.70	60,400	n/a	n/a	
18	0.4	112,500	1.45	52,000	n/a	n/a	
19	0.6	112,500	1.20	57,000	n/a	n/a	
20	0.6	112,500	1.21	50,400	n/a	n/a	
21	0.4	112,500	0.98	84,800	n/a	n/a	
22	0.3	115,625	1.19	59,300	n/a	n/a	
23	0.3	113,750	1.16	63,700	n/a	n/a	
24	0.5	122,500	1.23	56,100	n/a	n/a	
25	0.4	115,625	1.14	52,200	n/a	n/a	
26	0.3	112,500	1.15	53,400	n/a	n/a	
27	0.6	116,875	0.98	48,900	n/a	n/a	
28	0.7	112,500	0.97	63,100	n/a	n/a	
29	0.8	114,375	0.96	39,100	n/a	n/a	
30	0.8	115,000	1.01	58,800	n/a	n/a	
31	0.5	112,500	1.03	56,900			

**Complete and submit this form to Environmental Health by the 10th day of the following month**

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**November-05**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.6	121,875	0.96	51,000	n/a	n/a	
2	0.5	114,375	0.99	58,200	n/a	n/a	
3	0.4	113,750	0.95	62,200	n/a	n/a	
4	0.7	117,500	0.98	47,100	n/a	n/a	
5	0.6	113,125	0.94	62,100	n/a	n/a	
6	0.5	117,500	0.83	59,900	n/a	n/a	
7	0.5	112,500	0.67	51,300	n/a	n/a	
8	2.5	118,750	0.55	52,400	n/a	n/a	
9	1.1	113,750	0.81	56,500	n/a	n/a	
10	0.7	112,500	1.04	44,000	n/a	n/a	
11	0.8	118,125	1.04	63,900	n/a	n/a	
12	0.3	115,625	0.86	60,200	n/a	n/a	
13	0.3	113,125	0.90	58,800	n/a	n/a	
14	0.4	122,500	0.94	33,400	n/a	n/a	
15	0.3	114,375	0.79	71,600	n/a	n/a	
16	0.3	116,875	1.03	99,100	n/a	n/a	
17	0.4	123,125	0.99	55,100	n/a	n/a	
18	0.3	113,750	1.07	75,000	n/a	n/a	
19	0.8	116,250	1.09	62,200	n/a	n/a	
20	0.4	125,625	1.05	34,500	n/a	n/a	
21	0.4	114,375	1.24	54,600	n/a	n/a	
22	0.6	113,125	1.15	70,600	n/a	n/a	
23	0.6	115,625	1.06	56,400	n/a	n/a	
24	0.5	121,250	1.14	50,100	n/a	n/a	
25	1.1	117,500	1.10	54,500	n/a	n/a	
26	0.5	113,125	0.79	62,800	n/a	n/a	
27	0.4	124,375	0.84	50,800	n/a	n/a	
28	0.7	113,750	0.93	49,800	n/a	n/a	
29	4.0	114,375	0.79	65,400	n/a	n/a	
30	0.9	121,875	1.13	37,300	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**December-05**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	6.0	122,500	1.07	13,900	n/a	n/a	
2	7.4	92,500	0.89	80,100	n/a	n/a	
3	2.3	125,000	1.54	34,500	n/a	n/a	
4	2.2	114,375	1.41	58,500	n/a	n/a	
5	1.1	115,625	1.21	47,400	n/a	n/a	
6	1.1	120,625	1.14	31,800	n/a	n/a	
7	1.0	112,500	1.14	57,300	n/a	n/a	
8	1.5	123,125	1.23	46,600	n/a	n/a	
9	0.6	113,750	1.10	53,100	n/a	n/a	
10	0.7	123,750	1.21	68,100	n/a	n/a	
11	0.5	127,500	1.18	31,300	n/a	n/a	
12	0.8	113,125	1.25	53,500	n/a	n/a	
13	0.9	119,375	1.22	38,100	n/a	n/a	
14	0.4	116,250	1.01	52,200	n/a	n/a	
15	0.5	115,625	1.15	67,400	n/a	n/a	
16	0.5	126,250	1.14	41,100	n/a	n/a	
17	0.4	113,750	1.13	28,600	n/a	n/a	
18	136.0	112,500	1.10	0	n/a	n/a	High inf. NTU / Plant off
19	43.0	76,000	1.08	106,000	n/a	n/a	
20	7.2	118,125	1.20	49,400	n/a	n/a	
21	3.3	120,000	0.97	19,500	n/a	n/a	
22	7.7	109,375	0.89	12,100	n/a	n/a	Rain - inf. NTU = 54/ plant off at 08:45
23	494	82,500	0.52	51,600	n/a	n/a	Start plant at 10:15 Inf. NTU = 30
24	17.9	83,125	0.45	94,200	n/a	n/a	
25	7.6	125,000	0.68	22,500	n/a	n/a	
26	13.4	81,250	0.63	59,600	n/a	n/a	
27	7.7	116,875	0.97	55,800	n/a	n/a	
28	45.4	126,250	0.92	17,800	n/a	n/a	
29	8.1	93,750	1.34	60,300	n/a	n/a	
30	4.9	120,625	1.11	33,800	n/a	n/a	
31	86.6	123,750	1.50	0	n/a	n/a	High inf. NTU / Plant off

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

January-06

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	13.3	71,250	0.99	61,000	n/a	n/a	San Vincente line is still dry
2	216.0	87,500	0.64	0	n/a	n/a	High inf. NTU/ Plant is off
3	14.7	88,125	0.93	85,800	n/a	n/a	
4	9.6	122,500	0.72	49,700	n/a	n/a	
5	7.0	117,500	1.08	51,100	n/a	n/a	San Vincente line is open.
6	5.1	126,875	1.21	27,200	n/a	n/a	
7	5.5	118,125	1.10	42,900	n/a	n/a	
8	4.1	120,625	1.05	41,200	n/a	n/a	
9	3.2	113,750	1.07	47,700	n/a	n/a	
10	3.1	121,875	1.39	35,800	n/a	n/a	
11	4.1	117,500	1.20	46,400	n/a	n/a	
12	4.3	118,750	0.96	42,500	n/a	n/a	
13	3.0	118,125	0.89	28,700	n/a	n/a	
14	7.9	117,500	0.88	300	n/a	n/a	
15	7.2	86,875	1.88	82,400	n/a	n/a	
16	4.6	117,500	1.32	45,700	n/a	n/a	
17	4.1	126,250	1.14	34,300	n/a	n/a	
18	6.0	114,375	1.02	51,800	n/a	n/a	
19	3.0	125,625	1.11	26,500	n/a	n/a	
20	3.2	115,625	1.34	49,800	n/a	n/a	
21	3.8	120,000	1.29	41,900	n/a	n/a	
22	3.2	113,750	1.07	45,400	n/a	n/a	
23	3.3	122,500	1.05	31,700	n/a	n/a	
24	4.1	116,875	0.87	55,500	n/a	n/a	
25	3.9	114,375	0.88	27,000	n/a	n/a	
26	3.2	114,375	0.88	56,400	n/a	n/a	
27	3.5	124,375	1.09	35,100	n/a	n/a	
28	3.3	112,500	0.91	26,700	n/a	n/a	
29	9.9	100,625	0.90	49,100	n/a	n/a	
30	5.3	117,500	0.85	44,000	n/a	n/a	
31	4.3	118,750	0.98	47,800	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

February-06

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	4.8	126,250	1.11	29,700	n/a	n/a	
2	5.6	116,250	0.82	45,300	n/a	n/a	
3	5.6	120,625	1.06	38,100	n/a	n/a	
4	3.9	117,500	1.12	44,200	n/a	n/a	
5	3.7	118,750	1.12	40,500	n/a	n/a	
6	3.9	117,500	1.20	46,700	n/a	n/a	
7	3.2	121,250	1.34	38,800	n/a	n/a	
8	3.7	115,625	0.81	49,900	n/a	n/a	
9	3.9	123,750	1.11	36,900	n/a	n/a	
10	3.9	115,625	1.24	48,000	n/a	n/a	
11	4.6	121,250	1.10	53,600	n/a	n/a	
12	3.7	126,875	1.03	34,600	n/a	n/a	
13	5.6	113,750	1.14	50,000	n/a	n/a	
14	4.0	120,000	1.20	51,600	n/a	n/a	
15	4.0	112,500	1.22	62,700	n/a	n/a	
16	3.8	117,500	1.25	55,800	n/a	n/a	
17	3.8	115,000	1.21	75,000	n/a	n/a	
18	3.6	126,875	1.26	41,400	n/a	n/a	
19	3.1	116,250	1.30	48,700	n/a	n/a	
20	3.7	119,375	1.22	43,800	n/a	n/a	
21	3.4	116,250	1.36	59,200	n/a	n/a	
22	3.8	122,500	1.22	35,300	n/a	n/a	
23	4.4	116,875	1.10	51,700	n/a	n/a	
24	3.9	112,500	1.25	46,500	n/a	n/a	
25	2.7	114,375	1.22	53,900	n/a	n/a	
26	3.9	126,875	1.14	28,700	n/a	n/a	
27	285	123,700	1.05	19,700	n/a	n/a	
28	12	88,250	0.85	21,800	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

# Surface Water Treatment Plant Monthly Report

MARCH 06

System Name: DAVENPORT CSD

February-06

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	10.2	80,000	0.88	107,200	n/a	n/a	
2	8.1	120,000	1.61	43,500	n/a	n/a	
3	12.1	125,000	1.77	43,000	n/a	n/a	
4	3.7	114,375	1.81	37,700	n/a	n/a	
5	4.0	116,250	1.89	36,000	n/a	n/a	
6	65.1	103,750	1.68	0	n/a	n/a	high inf. NTU
7	11.3	77,500	1.73	104,700	n/a	n/a	
8	6.8	122,500	1.96	54,700	n/a	n/a	
9	5.7	120,625	1.84	31,700	n/a	n/a	
10	4.1	114,375	1.71	47,700	n/a	n/a	
11	3.5	115,000	1.78	41,900	n/a	n/a	
12	3.9	112,500	1.76	68,400	n/a	n/a	
13	7.2	125,000	1.86	48,000	n/a	n/a	
14	21.4	118,750	1.52	0	n/a	n/a	high inf. NTU
15	8.2	84,375	1.56	53,900	n/a	n/a	
16	4.5	116,875	1.76	34,800	n/a	n/a	
17	12.1	113,125	1.51	60,200	n/a	n/a	
18	5.3	123,125	1.79	37,200	n/a	n/a	
19	4.0	118,750	1.50	44,400	n/a	n/a	
20	3.3	117,500	1.47	42,900	n/a	n/a	
21	7.2	118,750	1.85	40,300	n/a	n/a	
22	4.3	116,250	1.44	50,900	n/a	n/a	
23	3.8	119,375	1.58	40,400	n/a	n/a	
24	3.5	116,250	1.66	36,300	n/a	n/a	
25	671.0	118,750	1.40	0	n/a	n/a	high inf. NTU
26	14.1	86,875	1.26	63,700	n/a	n/a	
27	12.8	67,500	1.23	110,400	n/a	n/a	
28	13.7	103,125	1.36	44,700	n/a	n/a	
29	45.4	105,000	1.48	0	n/a	n/a	high inf. NTU
30	19.1	78,750	1.74	111,000	n/a	n/a	
31	11.6	126,875	2.80	39,000	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**April-06**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	15.0	12,500	2.0	63,900	n/a	n/a	
2	9.3	125,625	1.9	19,200	n/a	n/a	
3	103	112,500	1.6	21,300	n/a	n/a	
4	55.1	83,750	1.7	67,700	n/a	n/a	
5	38.1	90,625	1.9	66,900	n/a	n/a	
6	41.0	122,500	3.8	39,500	n/a	n/a	
7	16.9	113,750	3.1	55,700	n/a	n/a	
8	12.4	123,750	3.4	41,000	n/a	n/a	
9	11.1	117,500	3.0	50,500	n/a	n/a	
10	12.9	120,625	2.7	37,800	n/a	n/a	
11	13.5	116,250	2.4	19,400	n/a	n/a	
12	84.2	95,625	2.4	78,100	n/a	n/a	
13	60.7	121,250	3.4	33,600	n/a	n/a	
14	24.6	111,875	3.0	55,500	n/a	n/a	
15	18.1	116,875	3.3	57,800	n/a	n/a	
16	18.3	126,875	3.6	34,600	n/a	n/a	
17	18.0	116,875	2.6	40,000	n/a	n/a	
18	9.8	110,000	2.4	60,100	n/a	n/a	
19	8.6	124,375	2.8	41,000	n/a	n/a	
20	9.5	118,750	2.7	42,900	n/a	n/a	
21	7.3	119,375	2.1	41,100	n/a	n/a	
22	9.5	112,500	3.0	50,100	n/a	n/a	
23	10.7	117,500	3.1	53,200	n/a	n/a	
24	7.4	116,875	2.7	49,800	n/a	n/a	
25	9.8	121,250	3.2	1,900	n/a	n/a	
26	6.3	112,500	2.9	58,000	n/a	n/a	
27	6.0	122,500	3.5	39,000	n/a	n/a	
28	4.7	113,125	3.6	60,500	n/a	n/a	
29	5.2	123,750	3.1	39,100	n/a	n/a	
30	4.8	116,875	1.3	51,200	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**May-06**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	4.7	125,000	2.3	51,200	n/a	n/a	
2	4.6	113,125	2.7	43,500	n/a	n/a	
3	3.8	120,000	2.8	61,600	n/a	n/a	
4	3.7	112,500	2.5	41,300	n/a	n/a	
5	2.9	116,250	2.9	46,600	n/a	n/a	
6	3.3	113,125	2.8	55,600	n/a	n/a	
7	4.2	116,250	2.8	54,900	n/a	n/a	
8	3.3	121,875	3.0	55,600	n/a	n/a	
9	3.5	113,125	2.9	47,100	n/a	n/a	
10	3.2	123,750	3.2	62,800	n/a	n/a	
11	3.8	113,125	3.2	56,400	n/a	n/a	
12	3.3	121,250	3.0	61,400	n/a	n/a	
13	2.8	115,000	3.2	60,000	n/a	n/a	
14	2.8	120,625	3.1	60,000	n/a	n/a	
15	2.8	113,125	3.6	46,800	n/a	n/a	
16	2.3	113,750	3.0	58,700	n/a	n/a	pH = 7.97 Temp = 15.1 deg. C.
17	3.7	114,375	3.3	76,500	n/a	n/a	
18	5.4	126,875	3.4	62,200	n/a	n/a	
19	3.0	116,875	3.1	63,400	n/a	n/a	
20	3.6	125,000	2.9	56,600	n/a	n/a	
21	4.9	115,625	2.5	41,700	n/a	n/a	
22	2.9	121,875	2.9	52,600	n/a	n/a	
23	3.2	111,875	2.7	48,500	n/a	n/a	
24	3	120,625	3.2	66,200	n/a	n/a	
25	3.0	111,875	3.0	41,400	n/a	n/a	
26	2.8	113,125	3.1	47,700	n/a	n/a	
27	3.2	114,375	3.1	73,400	n/a	n/a	
28	2.5	111,875	3.4	70,100	n/a	n/a	
29	1.9	111,875	3.5	67,200	n/a	n/a	
30	4.4	111,875	3.5	77,900	n/a	n/a	
31	2.0	111,250	3.6	71,800	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month



JUL 18 2006

# Surface Water Treatment Plant Monthly Report

ENVIRONMENTAL  
HEALTH SERVICE

System Name: DAVENPORT CSD

June-06

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	4.4	112,500	3.5	71,800	n/a	n/a	
2	4.3	110,625	3.6	71,900	n/a	n/a	
3	2.8	121,250	3.3	81,900	n/a	n/a	
4	2.2	118,750	3.2	66,900	n/a	n/a	
5	3.5	97,500	3.0	96,300	n/a	n/a	
6	2.7	123,750	2.7	70,200	n/a	n/a	pH = 7.86 Temp = 14.0 deg. C
7	1.8	112,500	2.7	85,200	n/a	n/a	
8	1.5	113,125	3.5	83,000	n/a	n/a	
9	1.5	113,750	3.7	73,500	n/a	n/a	
10	1.3	110,000	3.7	72,500	n/a	n/a	
11	1.3	109,375	3.5	71,200	n/a	n/a	
12	1.4	112,500	3.4	64,500	n/a	n/a	pH = 8.01 Temp = 13.9 deg. C
13	1.0	119,375	3.3	58,100	n/a	n/a	
14	0.9	113,125	3.2	63,300	n/a	n/a	
15	1.1	113,125	3.1	66,600	n/a	n/a	
16	1.2	111,875	3.1	87,000	n/a	n/a	
17	1.5	113,750	3.0	74,100	n/a	n/a	
18	1.9	111,250	3.0	63,000	n/a	n/a	
19	1.0	110,000	3.4	87,600	n/a	n/a	
20	1.6	115,000	3.5	67,100	n/a	n/a	
21	1.4	110,625	3.6	73,700	n/a	n/a	
22	1.2	111,875	3.6	83,800	n/a	n/a	pH = 8.00 Temp = 15.3 deg. C
23	1.3	112,500	3.5	74,300	n/a	n/a	
24	1.0	110,625	3.6	75,400	n/a	n/a	
25	1.4	111,875	3.5	74,600	n/a	n/a	
26	0.9	111,875	3.6	78,700	n/a	n/a	
27	1.0	124,375	3.6	48,100	n/a	n/a	
28	1.1	109,375	3.4	78,900	n/a	n/a	
29	1.6	113,750	3.2	82,600	n/a	n/a	
30	1.6	111,875	3.2	62,700	n/a	n/a	
					n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

System Name: DAVENPORT CSD

July-06

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	1.8	111,875	3.0	62,700	n/a	n/a	
2	1.5	116,875	3.2	89,200	n/a	n/a	
3	1.4	111,875	3.1	80,800	n/a	n/a	
4	1.2	111,250	3.2	72,000	n/a	n/a	
5	1.3	110,625	3.2	86,600	n/a	n/a	Tp: 15.3 celcius / pH: 8.03
6	1.3	111,250	3.4	70,400	n/a	n/a	
7	1.0	110,625	3.3	73,600	n/a	n/a	
8	1.3	111,875	3.3	61,800	n/a	n/a	
9	1.0	114,375	3.3	81,400	n/a	n/a	
10	1.2	111,250	3.2	83,300	n/a	n/a	Tp: 15.3 celcius / pH: 8.02
11	1.3	121,875	3.3	82,900	n/a	n/a	
12	1.2	111,250	3.3	75,400	n/a	n/a	
13	1.4	111,250	3.1	85,000	n/a	n/a	
14	1.7	111,250	3.0	76,900	n/a	n/a	
15	0.4	121,875	3.3	92,200	n/a	n/a	
16	0.4	109,375	3.2	79,400	n/a	n/a	
17	0.7	111,250	3.3	78,300	n/a	n/a	Tp: 15.9 celcius / pH: 7.98
18	1.1	110,625	3.4	75,400	n/a	n/a	
19	0.7	111,250	3.7	79,600	n/a	n/a	
20	0.6	111,250	3.7	74,000	n/a	n/a	
21	0.7	110,625	3.5	85,000	n/a	n/a	
22	0.7	109,375	3.2	47,000	n/a	n/a	
23	0.6	123,750	3.2	94,000	n/a	n/a	
24	0.7	112,500	3.5	58,900	n/a	n/a	Tp: 18.6 celcius / pH: 7.99
25	0.9	112,500	3.3	79,400	n/a	n/a	
26	0.6	111,875	3.1	77,700	n/a	n/a	
27	0.7	113,750	3.2	80,900	n/a	n/a	
28	0.7	113,750	3.2	83,900	n/a	n/a	
29	0.5	105,000	3.2	70,700	n/a	n/a	
30	0.4	111,875	2.9	79,000	n/a	n/a	
31	0.9	111,875	3.1	79,100	n/a	n/a	Tp: 14.9 celcius / pH: 8.06

Complete and submit this form to Environmental Health by the 10th day of the following month

Santa Cruz County Environmental Health Service  
701 Ocean Street Rm. 312 Santa Cruz, CA 95060

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**August-06**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.9	115,625	3.6	75,400	n/a	n/a	
2	0.8	126,250	3.6	113,900	n/a	n/a	
3	0.8	117,500	3.6	55,300	n/a	n/a	
4	0.9	112,500	3.4	71,400	n/a	n/a	
5	1.2	111,875	3.5	67,100	n/a	n/a	
6	0.8	123,125	3.6	103,600	n/a	n/a	
7	0.8	111,875	3.8	79,100	n/a	n/a	pH: 7.90 / tp:15.2c / CaCO: 17.8 mg/L
8	0.6	118,125	3.4	64,700	n/a	n/a	
9	0.8	117,500	3.4	73,600	n/a	n/a	
10	0.8	113,125	3.4	40,000	n/a	n/a	
11	0.7	111,875	3.5	76,300	n/a	n/a	
12	0.8	126,250	3.2	79,000	n/a	n/a	
13	0.7	111,875	3.6	65,100	n/a	n/a	
14	0.7	115,625	3.5	88,400	n/a	n/a	pH: 7.90 / tp:15.2c / CaCO: 17.8 mg/L
15	0.7	105,000	3.4	79,900	n/a	n/a	
16	0.5	110,625	3.7	71,300	n/a	n/a	
17	0.6	116,250	3.7	89,900	n/a	n/a	
18	0.8	112,500	3.7	77,900	n/a	n/a	
19	0.4	110,625	3.6	74,600	n/a	n/a	
20	0.5	111,875	3.6	81,200	n/a	n/a	
21	0.7	111,875	3.5	65,400	n/a	n/a	pH: 7.91 / tp:14.1c / CaCO: 17.8 mg/L
22	1.1	118,750	3.4	70,400	n/a	n/a	
23	0.7	118,750	3.4	60,000	n/a	n/a	
24	0.7	111,875	3.2	27,700	n/a	n/a	
25	0.8	118,125	3.3	74,500	n/a	n/a	
26	0.9	110,000	3.3	63,300	n/a	n/a	
27	4.3	114,375	3.2	71,500	n/a	n/a	
28	1.3	112,500	3.2	73,000	n/a	n/a	pH: 8.11 / tp: 14.2c / CaCO: 17.8 mg/L
29	1.0	114,375	3.4	67,500	n/a	n/a	
30	0.9	111,875	3.5	66,600	n/a	n/a	
31	0.8	111,250	3.4	64,600	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**September-06**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.8	113,125	3.5	60,500	n/a	n/a	
2	0.5	113,750	3.4	78,800	n/a	n/a	
3	0.5	114,375	3.3	74,800	n/a	n/a	
4	1.4	113,125	3.4	83,100	n/a	n/a	
5	1.1	113,125	3.5	68,700	n/a	n/a	ph: 8.02 tp:15.1c CaCO:17.8mg/L
6	1.0	113,125	3.4	46,800	n/a	n/a	
7	1.0	113,750	3.4	32,600	n/a	n/a	
8	0.9	113,125	3.4	68,300	n/a	n/a	
9	0.9	119,375	3.4	59,500	n/a	n/a	
10	1.06	118,750	3.2	57,000	n/a	n/a	
11	0.8	116,875	3.6	47,800	n/a	n/a	ph: 8.0 tp:15.4c CaCO:17.8mg/L
12	0.5	111,875	3.6	36,300	n/a	n/a	
13	0.5	113,125	3.4	34,000	n/a	n/a	
14	0.6	113,125	3.2	58,000	n/a	n/a	
15	0.5	113,750	3.2	64,000	n/a	n/a	
16	0.7	112,500	3.5	76,200	n/a	n/a	
17	0.6	111,875	3.6	70,200	n/a	n/a	
18	0.4	111,250	3.6	43,100	n/a	n/a	ph: 7.96 tp:14.3c CaCO:17.8mg/L
19	0.5	117,500	3.2	54,800	n/a	n/a	
20	0.4	116,250	3.2	36,600	n/a	n/a	
21	0.8	115,000	3.2	33,900	n/a	n/a	
22	1.4	113,750	3.4	78,400	n/a	n/a	
23	0.4	120,000	3.5	82,400	n/a	n/a	
24	0.4	111,250	3.5	76,700	n/a	n/a	
25	0.5	113,125	3.6	64,800	n/a	n/a	ph: 7.98 tp:14.1c CaCO:17.8mg/L
26	0.4	118,750	3.6	72,900	n/a	n/a	
27	0.5	118,125	3.5	62,700	n/a	n/a	
28	0.5	120,625	3.4	98,000	n/a	n/a	
29	0.7	127,500	3.5	64,500	n/a	n/a	
30	0.4	111,250	3.4	38,000	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**November-06**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.47	127,500	3.6	26,200			pH: 8.11 / tp: 12.1c / CaCO: 17.8 mg/L
2	3.50	101,250	1.9	28,100			
3	3.30	76,875	2.9	63,800			
4	0.95	125,625	3.1	30,100			
5	0.51	117,500	3.5	16,400			
6	0.48	118,125	3.7	22,700			pH: 7.99 / tp: 15.3c / CaCO: 17.8 mg/L
7	0.48	110,000	3.5	32,200			
8	0.90	120,000	3.8	50,200			
9	0.73	118,125	3.6	523,300			
10	0.45	116,250	3.5	58,800			
11	1.29	123,750	3.7	38,500			
12	0.37	109,375	3.3	64,800			
13	1.29	116,250	3.5	28,100			pH: 7.87 / tp: 12.8c / CaCO: 17.8 mg/L
14	7.74	93,750	3.6	7,500			
15	1.07	111,250	3.2	32,900			
16	2.52	92,500	3.3	85,100			
17	1.17	119,375	3.3	54,000			
18	1.88	124,375	3.1	42,700			
19	1.65	110,625	3.1	43,500			
20	1.68	109,375	3.3	54,100			
21	0.64	116,250	3.1	57,500			pH: 7.92 / tp: 12.4c / CaCO: 17.8 mg/L
22	1.14	116,875	3.5	57,900			
23	0.84	123,750	3.7	39,000			
24	0.89	111,875	3.7	75,000			
25	0.56	122,500	3.7	47,200			
26	0.88	113,750	3.7	33,300			
27	2.01	96,875	3.7	61,700			pH: 8.09 / tp: 11.4c / CaCO: 17.8 mg/L
28	0.60	105,625	3.8	60,800			
29	0.89	105,000	3.6	40,400			
30	0.68	113,125	3.5	64,500			

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**January-07**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differential Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	1.18	115,625	3.7	69,700	n/a	n/a	
2	1.13	123,750	3.6	9,300	n/a	n/a	
3	1.74	112,500	3.6	23,300	n/a	n/a	
4	1.26	125,625	3.5	31,700	n/a	n/a	
5	0.57	115,625	3.6	50,800	n/a	n/a	
6	0.25	116,250	3.5	55,700	n/a	n/a	
7	0.31	122,500	3.7	37,400	n/a	n/a	
8	0.30	113,750	3.6	24,600	n/a	n/a	pH-8.26, TP-8.5c, CaCO-0mg/L
9	0.56	119,375	3.6	59,000	n/a	n/a	
10	0.49	121,250	3.7	39,900	n/a	n/a	
11	0.59	115,625	3.8	51,300	n/a	n/a	
12	0.56	120,000	3.6	36,600	n/a	n/a	
13	0.35	110,625	3.5	72,000	n/a	n/a	
14	0.50	116,250	3.6	51,200	n/a	n/a	
15	0.64	118,125	3.8	48,900	n/a	n/a	pH-8.09, TP-6.7c, CaCO-0mg/L
16	1.10	119,375	3.7	57,300	n/a	n/a	
17	0.71	123,125	3.7	39,700	n/a	n/a	
18	0.57	115,625	3.7	53,400	n/a	n/a	
19	0.41	125,000	3.7	34,400	n/a	n/a	
20	0.27	118,125	3.7	48,900	n/a	n/a	
21	0.39	119,375	3.6	46,000	n/a	n/a	
22	0.52	120,000	3.7	24,900	n/a	n/a	
23	0.49	116,250	3.4	53,100	n/a	n/a	pH-7.9, TP-8.6c, CaCO-0mg/L
24	0.51	125,625	3.6	24,800	n/a	n/a	
25	0.62	118,125	3.6	44,400	n/a	n/a	
26	0.49	120,000	3.7	35,800	n/a	n/a	
27	0.94	120,625	3.8	41,000	n/a	n/a	
28	1.48	119,375	3.7	38,700	n/a	n/a	
29	0.54	114,375	3.5	21,200	n/a	n/a	pH-7.92, TP-9.4c, CaCO-0mg/L
30	0.65	125,625	3.5	2,000	n/a	n/a	
31	0.47	113,125	3.5	17,300	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month

## Surface Water Treatment Plant Monthly Report

**System Name: DAVENPORT CSD**

**February-07**

Day	Raw water turbidity	Tank volume (gallons)	Chlorine concentration	Quantity of water treated (gallons)	Differetial Pressure (psi) bag/cartridge only		Maintenance/Comments (bag change, equipment calibration, chemical addition etc.)
					Prefilter	Filter	
1	0.53	120,000	3.5	34,500	n/a	n/a	
2	0.72	116,250	3.5	43,400	n/a	n/a	
3	0.34	114,375	3.3	49,600	n/a	n/a	
4	0.40	125,000	3.4	27,300	n/a	n/a	
5	0.58	115,000	3.5	47,800	n/a	n/a	pH: 7.06, tp:9.5c, CaCO:0 mg/l
6	0.57	123,125	3.5	29,100	n/a	n/a	
7	1.06	123,125	3.6	21,500	n/a	n/a	
8	1.41	111,875	3.7	29,400	n/a	n/a	
9	36.70	105,000	4.0	0	n/a	n/a	
10	23.00	82,500	3.5	9,800	n/a	n/a	
11	31.00	70,000	3.5	104,800	n/a	n/a	
12	11.40	123,125	3.1	43,000	n/a	n/a	pH: 7.29, tp:10.6c, CaCO:0 mg/l
13	6.25	116,875	2.90	34,400	n/a	n/a	
14	4.50	115,625	3.00	45,400	n/a	n/a	
15	2.41	122,500	3.00	30,000	n/a	n/a	
16	2.46	117,500	3.30	37,800	n/a	n/a	
17	2.17	111,250	3.40	28,300	n/a	n/a	
18	2.32	110,000	3.30	60,700	n/a	n/a	
19	1.37	125,625	3.60	41,500	n/a	n/a	pH: 7.16, tp:14.3c, CaCO:0 mg/l
20	1.31	123,750	3.80	29,000	n/a	n/a	
21	1.28	116,875	3.70	35,500	n/a	n/a	
22	13.00	120,625	3.80	6,800	n/a	n/a	
23	1.88	93,750	3.70	73,000	n/a	n/a	
24	1.18	114,375	3.60	25,900	n/a	n/a	
25	3.74	113,125	3.60	51,600	n/a	n/a	
26	1.90	123,125	3.40	20,200	n/a	n/a	pH: 7.63, tp:12.5c, CaCO:0 mg/l
27	3.15	125,000	3.30	65,200	n/a	n/a	
28	2.60	116,250	3.20	31,900	n/a	n/a	

Complete and submit this form to Environmental Health by the 10th day of the following month