

Kathryn Bogart, President
Betty Anderson, Vice President
Jane Anderson, Director
R. M. "Cook" Barela, Director
Kenneth J. McLaughlin, Director



May 07, 2009

Mr. Steven Williams, P.E.
Office of Drinking Water DPH
1350 Front Street, Room 2050
San Diego, CA 92101

RE: MONTHLY REPORT FOR APRIL 2009

Dear Mr. Williams:

Enclosed are the following pages:

- Monthly Summary of Distribution System Coliform Monitoring
- Weekly Samples 2009
- 980 Zone Nitrate Blending Record & Nitrate Calculations 2009
- Nitrate 980 Blending Zone Monthly Field Samples
- 980 Pressure Zone Monthly Nitrate Report (Trend)
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of April 2009, the following Wells in the 980 Zone were not operated: Wells 6, 17, 18 and 22.

On April 18, 2009, the 980 A Nitrate Analyzer was connected to the Well No. 14 raw water line to prevent it from running dry during a valve replacement. Samples were taken from the 980 A Zone before and after the valve replacement to ensure system compliance.

The 980 Pressure Zone Monthly Nitrate Report (Trend) indicates occurrences of fluctuations due to the influence of low nitrate water introduced from the 1110 Pressure Zone through the Well 18 Pressure Reducing Station.

Please contact me if you need additional information at (951) 685-7434.

Sincerely,

A handwritten signature in blue ink, appearing to read "S. Jaynes", is written over a horizontal line.

Steve Jaynes
Operations & Water Treatment Supervisor

Copy: Eldon Horst, General Manager
Robert Tock, Director of Engineering and Operations
Water Quality Department
Denise Waldie for www.jcsd.us
3401Admin/DSW

Jurupa Community Services District 980 Zone Nitrate blending Record and Nitrate Calculations April 2009

2009
April
Day

	Well 6		Well 13		Well 17		Well 18		Well 18 PR - DeForest		Well 20		Well 22		Well 25		**980 A & B	***980 A	***980 B	***980 A	***980 B
	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Calculated Average (mg/L)	*Lab NO ₃ (mg/L)	*Lab NO ₃ (mg/L)	Analyzer NO ₃ (mg/L)	Analyzer NO ₃ (mg/L)
1	0	38	0	9	0	45	0	44	0	10	0	20	0	33	3250	23	23	25	25	27	26
2	0	38	0	9	0	45	0	44	0	10	0	20	0	33	3300	23	23	26	26	27	26
3	0	38	0	9	0	45	0	44	2000	10	0	20	0	33	3238	23	18	26	17	27	18
4	0	38	0	9	0	45	0	44	0	10	0	20	0	33	3325	23	23				
5	0	38	0	9	0	45	0	44	0	10	0	20	0	33	3320	23	23				
6	0	38	0	9	0	45	0	44	0	10	0	20	0	33	3260	23	23	24	24	28	27
7	0	32	0	9	0	45	0	44	2003	10	0	19	0	29	3400	24	19				
8	0	32	0	9	0	44	0	42	0	10	0	19	0	29	3200	24	24	26	27	28	27
9	0	32	0	9	0	44	0	42	0	10	0	19	0	29	3239	24	24	27	26	28	27
10	0	32	0	9	0	44	0	42	0	10	0	19	0	29	3230	24	24				
11	0	32	0	9	0	44	0	42	0	10	0	19	0	29	3245	24	24				
12	0	32	0	9	0	44	0	42	0	10	0	19	0	29	3300	24	24				
13	0	32	0	9	0	44	0	42	0	10	0	19	0	29	3275	24	24	26	25	28	27
14	0	32	2650	12	0	44	0	42	0	10	0	19	0	29	3300	24	19				
15	0	32	0	12	0	44	0	42	1960	10	918	19	0	29	3400	24	19				
16	0	32	0	12	0	44	0	42	1997	9.3	0	19	0	29	3500	24	19	24	17	27	18
17	0	32	0	12	0	44	0	42	0	9.3	0	19	0	29	3500	24	24				
18	0	32	0	12	0	44	0	42	1992	9.3	0	19	0	29	3258	24	18	26		28	
19	0	32	2666	12	0	44	0	42	2000	9.3	950	19	0	29	3400	24	17				
20	0	32	2660	12	0	44	0	42	1990	9.3	955	19	0	29	3400	24	17	24	24	28	27
21	0	32	3650	12	0	44	0	42	2000	9.3	935	19	0	29	3200	24	16				
22	0	32	2635	12	0	44	0	42	1995	9.3	924	19	0	29	3200	24	17				
23	0	32	2670	12	0	44	0	42	1991	9.3	943	19	0	29	3400	24	17	26	16	28	17
24	0	32	2632	12	0	44	0	42	2000	9.3	904	19	0	29	3200	24	17				
25	0	32	3668	12	0	44	0	42	1920	9.3	952	19	0	29	3500	24	16				
26	0	32	3659	12	0	44	0	42	1990	9.3	954	19	0	29	3400	24	16				
27	0	32	3270	12	0	44	0	42	1960	9.3	950	19	0	29	3450	24	16	26	14	28	15
28	0	32	0	12	0	44	0	42	1996	9.3	947	19	0	29	3200	24	18				
29	0	32	2675	12	0	44	0	42	1971	9.3	952	19	0	29	3400	24	17				
30	0	32	2666	12	0	44	0	42	2000	9.3	955	19	0	29	3400	24	17	25	25	28	27
Min		32		9		44		42		9.3		19		29		23	16	24	14	27	15
Max		38		12		45		44		10		20		33		24	24	27	27	28	27
Avg.		33		11		44		42		9.7		19		30		24	20	25	22	28	24

*Bold Underlined numbers are actual Lab results, all other cell numbers are for flow weighted calculations.

**Blending potential of operating wells.

***System also influenced by stored water from reservoirs.