

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



October 2, 2009

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

RE: MONTHLY REPORT FOR SEPTEMBER 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)
- Quarterly Report for Disinfectant Residuals Compliance
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of September 2009, the following wells in the 980 Zone were not run into the system: Wells 17 and 18. Also, during this time period the Well 18 PR did not transfer water from the 1110 Zone to the 980 Zone.

On September 1, 2009 and September 4, 2009, the 980 A and 980 B Analyzers were calibrated. On September 3, 2009, the 980 A Analyzer was calibrated and on September 11, 2009, the 980 B Analyzer was calibrated.

The nitrate level of 35 mg/L or below is being met at the JCSD Blend Points (before the first customers tap) for the month of September 2009.

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

Sincerely,

A handwritten signature in black ink, appearing to read "S Jaynes", is written over a large, light-colored scribble or mark.

Steve Jaynes
Operations & Water Treatment Supervisor

Copy: Eldon Horst, General Manager
Robert Tock, Director of Engineering and Operations
Todd Minten, Operations Manager
Water Quality Department
Denise Waldie
www.jcsd.us

3401Admin/NL/dw

Jurupa Community Services District

980 Zone Nitrate Blending Record and Nitrate Calculations

September 2009

2009 September	Well 6		Well 13		Well 17		Well 18		Well 18 PR - DeForest		Well 20		Well 22		Well 25		**980 A & B Calculated weighted Average Nitrate Conc.	***980 A *Lab NO ₃	***980 B *Lab NO ₃	***980 A Analyzer NO ₃	***980 B Analyzer NO ₃
Day	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)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
1	0	35	2574	29	0	47	0	44	0	20	936	19	0	36	3200	25	26	28	28	32	29
2	1814	34	2244	33	0	47	0	44	0	20	898	19	2868	36	3100	25	31	32	32	36	33
3	1820	34	2477	33	0	47	0	44	0	20	894	19	2858	36	3100	25	31	29	31	32	33
4	1891	34	2527	33	0	47	0	44	0	20	920	19	0	38	3100	28	30	29	29	30	30
5	1850	34	2550	33	0	47	0	44	0	20	890	19	2865	38	3100	28	32				
6	1826	34	2467	33	0	47	0	44	0	20	880	19	2844	38	3100	28	32				
7	1849	34	2480	33	0	47	0	44	0	20	877	19	2852	38	3100	28	32				
8	1845	34	2480	33	0	47	0	44	0	20	880	19	2850	38	3200	28	32	32	28	31	29
9	1839	34	2448	33	0	47	0	44	0	20	877	20	2845	38	3200	28	32	31	31	31	28
10	1970	34	2565	33	0	47	0	44	0	20	935	20	0	38	3200	28	30				
11	1855	34	2540	33	0	47	0	44	0	20	890	20	2855	38	3100	28	32	31	29	31	31
12	1855	34	2560	33	0	47	0	44	0	20	905	20	0	38	3200	28	30				
13	1845	34	2450	33	0	47	0	44	0	20	890	20	2850	38	3100	28	32				
14	1857	34	2546	33	0	47	0	44	0	20	867	20	2832	38	3200	28	32	31	29	29	30
15	1961	34	2450	33	0	47	0	44	0	20	918	20	0	38	3200	28	30	29	29	29	29
16	1945	34	2526	33	0	47	0	44	0	20	917	20	0	38	3200	28	30	30	29	29	30
17	1838	34	2537	33	0	47	0	44	0	20	878	20	2846	38	3100	28	32	30	28	31	32
18	1852	34	2490	33	0	47	0	44	0	20	894	20	2855	38	3300	28	32	31	31	31	32
19	1851	34	2525	33	0	47	0	44	0	20	892	20	2850	38	3300	28	32				
20	1967	34	2534	33	0	47	0	44	0	20	921	20	0	38	3150	28	30				
21	1872	34	2530	33	0	47	0	44	0	20	884	20	2843	38	3300	28	32	30	30	31	32
22	1897	34	2462	33	0	47	0	44	0	20	880	20	2840	38	3300	28	32				
23	1958	34	2506	33	0	47	0	44	0	20	911	20	0	38	3300	28	30	28	29	29	33
24	1850	34	2512	33	0	47	0	44	0	20	877	20	2845	38	3200	28	32				
25	1847	34	2500	33	0	47	0	44	0	20	880	20	2847	38	3300	28	32	32	32	31	33
26	1963	34	2500	33	0	47	0	44	0	20	914	20	0	38	3300	28	30				
27	1929	34	2566	33	0	47	0	44	0	20	919	20	0	38	3300	28	30				
28	1840	34	2431	33	0	47	0	44	0	20	890	20	2847	38	3400	28	32	33	33	31	33
29	1841	34	2485	33	0	47	0	44	0	20	894	20	2840	38	3200	28	32				
30	1919	34	2525	33	0	47	0	44	0	20	919	20	0	38	3045	28	30	32	32	31	32
Min		34		29		47		44		20		19		36		25	0	28	28	29	28
Max		35		33		47		44		20		20		38		28	32	33	33	36	33
Avg.		34		33		47		44		20		20		38		28	30	30	30	31	31

*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.