

Jane F. Anderson, President
Kenneth J. McLaughlin, Vice President
Kathryn Bogart, Director
Robert "Bob" Craig, Director
Betty A. Anderson, Director



August 5, 2011

Mr. Steven Williams, P.E.
California Department of Public Health
1350 Front Street, Room 2050
San Diego, CA 92101

RE: DISTRIBUTION SYSTEM MONTHLY REPORT FOR JULY 2011

Dear Mr. Williams:

Enclosed are the following pages:

- Monthly Summary of Distribution System Coliform Monitoring
- Sampling Schedule
- 980 Zone Nitrate Blending Record & Nitrate Calculations
- 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 July 2011, the following wells in the 980 Zone were not run into the system: Well Nos. 6, 17 and 18. Well No. 6 is out of service for repairs and rehabilitation. Between July 6, 2011 and July 7, 2011, the UPS back-up power system for the 980 A Nitrate Analyzer had a power failure. Follow-up samples were taken and the unit was placed on by-pass setting until it was replaced on July 22, 2011 and follow-up samples were taken again. On July 26, 2011, the 980 A and 980 B Nitrate Analyzers were calibrated.

A nitrate level of 35 mg/L or below was maintained at the JCSD Blend Points (before the first customers tap) for the month of July 2011.

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

Sincerely,

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

Steve Jaynes
Operations and Water Treatment Supervisor

Copy: Eldon Horst
Robert Tock
Water Quality Department
www.jcsd.us
3401 Admin/NL/dw

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Jurupa Community Services District

Distribution System

980 Zone Nitrate Blending Record and Nitrate Calculations

2011 July Day	Well 20 (1)Lab		Well 25 (1)Lab		Well 13 (1)Lab		Well 6 (1)Lab		Well 17 (1)Lab		Well 18 (1)Lab		Well 18 PR - DeForest (1)Lab		(2)980 A & B	(3)980 A	(3)980 B	(3)980 A	(3)980 B
	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Calculated	Analyzer	Analyzer	(1)Lab	(1)Lab
	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	Weighted Average NO ₃ Conc. (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)
1	989	20	3233	27	2664	32	0	33	0	49	0	53	0	23	28				
2	1146	20	3233	27	2666	32	0	33	0	49	0	53	0	23	28				
3	899	20	3240	27	2659	32	0	33	0	49	0	53	0	23	28				
4	966	20	3228	27	2655	32	0	33	0	49	0	53	0	23	28				
5	993	20	3214	27	2661	32	0	33	0	49	0	53	0	23	28				
6	1005	20	3236	27	2663	32	0	33	0	49	0	53	0	19	28	31	31	29	29
7	1001	20	3246	27	2654	32	0	33	0	49	0	53	0	19	28	31	31	32	31
8	1002	20	3253	27	2650	32	0	33	0	49	0	53	0	19	28				
9	997	20	3250	27	2648	32	0	33	0	49	0	53	0	19	28				
10	1002	20	3236	27	2656	32	0	33	0	49	0	53	0	19	28				
11	994	20	3250	27	2649	32	0	33	0	49	0	53	0	19	28				
12	992	22	3171	29	2662	33	0	33	0	52	0	48	0	19	30	32	31	27	27
13	990	22	3222	29	2669	33	0	33	0	52	0	48	0	19	30				
14	992	22	3216	29	2667	33	0	33	0	52	0	48	0	19	30				
15	991	22	3215	29	2664	33	0	33	0	52	0	48	0	19	30				
16	986	22	3222	29	2671	33	0	33	0	52	0	48	0	19	30				
17	991	22	3223	29	2664	33	0	33	0	52	0	48	0	19	30				
18	991	22	3218	29	2653	33	0	33	0	52	0	48	0	19	30				
19	993	22	3208	29	2655	33	0	33	0	52	0	48	0	19	30	32	31	27	28
20	991	22	3222	29	2653	33	0	33	0	52	0	48	0	19	30				
21	0	22	3207	29	2654	33	0	33	0	52	0	48	0	19	31	33	32	27	27
22	1001	22	3211	29	2652	33	0	33	0	52	0	48	0	19	30	31	31	25	26
23	980	22	3212	29	2660	33	0	33	0	52	0	48	0	19	30				
24	994	22	3227	29	2653	33	0	33	0	52	0	48	0	19	30				
25	985	22	3227	29	2655	33	0	33	0	52	0	48	0	19	30				
26	981	22	3224	29	2488	33	0	33	0	52	0	48	0	19	29	29	29	26	26
27	1001	22	3217	29	2813	33	0	33	0	52	0	48	0	19	30				
28	989	22	3210	29	2680	33	0	33	0	52	0	48	0	19	30				
29	1002	22	3215	29	2669	33	0	33	0	52	0	48	0	19	30				
30	992	22	3226	29	2643	33	0	33	0	52	0	48	0	19	30				
31	1005	22	3217	29	2676	33	0	33	0	52	0	48	0	19	0				
Min		20		27		32		33		49		48		19	0	29	29	25	26
Avg.		21		28		33		33		51		50		20	28	31	31	28	28
Max		22		29		33		33		52		53		23	31	33	32	32	31

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

(2) **Blending potential of operating wells.**

(3) **System also influenced by stored water from reservoirs.**