

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



January 10, 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 DECEMBER 2010

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)
- Quarterly Report for Disinfection Residuals Compliance
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of December 2010, the following wells in the 980 Zone were not run into the system: Well Nos. 6, 17, 18 and 20. Well Nos. 6 and 20 are out of service for repairs and rehabilitation. Also, during this time period the Well 18 PR transferred water from the 1110 Zone to the 980 Zone.

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 December 2010.

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

Sincerely,

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

Steve Jaynes
Operations and Water Treatment Supervisor

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

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**Jurupa Community Services District
Distribution System
980 Zone Nitrate Blending Record and Nitrate Calculations**

2010 December	Well 20 *Lab		Well 25 *Lab		Well 13 *Lab		Well 6 *Lab		Well 17 *Lab		Well 18 *Lab		Well 18 PR - DeForest *Lab			**980 A & B Calculated	***980 A Analyzer	***980 B Analyzer	***980 A *Lab	***980 B *Lab	
	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	
1	0	22	0	3200	26	83200	2642	31	81902	0	33	0	0	46	0	972	21	20412	27		
2	0	22	0	3400	26	88400	2625	31	81375	0	33	0	0	46	0	990	24	23760	28	23	25
3	0	22	0	3400	26	88400	2560	31	79360	0	33	0	0	46	0	1000	24	24000	28		
4	0	22	0	3200	26	83200	2661	31	82491	0	33	0	0	46	0	985	24	23640	28		
5	0	22	0	3200	26	83200	2547	31	78957	0	33	0	0	46	0	983	24	23592	28		
6	0	22	0	3400	26	88400	2630	31	81530	0	33	0	0	46	0	1009	24	24216	28		
7	0	22	0	3200	<u>28</u>	89600	0	<u>33</u>	0	0	33	0	0	46	0	1000	24	24000	27	29	26
8	0	22	0	3400	28	95200	2548	33	84084	0	33	0	0	46	0	993	24	23832	29		
9	0	22	0	3400	28	95200	2603	33	85899	0	33	0	0	46	0	993	24	23832	29		
10	0	22	0	3400	28	95200	2621	33	86493	0	33	0	0	46	0	986	24	23664	29	27	22
11	0	22	0	3350	28	93800	2667	33	88011	0	33	0	0	46	0	985	24	23640	29		
12	0	22	0	3350	28	93800	2548	33	84084	0	33	0	0	46	0	986	24	23664	29		
13	0	22	0	3400	28	95200	2605	33	85965	0	33	0	0	46	0	1116	24	26784	29		
14	0	22	0	3200	28	89600	2637	33	87021	0	33	0	0	46	0	983	24	23592	29	29	24
15	0	22	0	3300	28	92400	2595	33	85635	0	33	0	0	46	0	979	24	23496	29		
16	0	22	0	3200	28	89600	2615	33	86295	0	33	0	0	46	0	952	24	22848	29		
17	0	22	0	3200	28	89600	0	33	0	0	33	0	0	46	0	982	24	23568	27		
18	0	22	0	3200	28	89600	0	33	0	0	33	0	0	46	0	1003	24	24072	27		
19	0	22	0	3400	28	95200	0	33	0	0	33	0	0	46	0	970	24	23280	27		
20	0	22	0	3200	28	89600	0	33	0	0	33	0	0	46	0	975	24	23400	27		
21	0	22	0	3400	28	95200	0	33	0	0	33	0	0	46	0	995	24	23880	27	12	10
22	0	22	0	3200	28	89600	0	33	0	0	33	0	0	46	0	978	24	23472	27		
23	0	22	0	0	28	0	0	33	0	0	33	0	0	46	0	985	24	23640	24		
24	0	22	0	3200	28	89600	0	33	0	0	33	0	0	46	0	1001	24	24024	27		
25	0	22	0	0	28	0	0	33	0	0	33	0	0	46	0	1000	24	24000	24		
26	0	22	0	0	28	0	0	33	0	0	33	0	0	46	0	990	24	23760	24		
27	0	22	0	3400	28	95200	0	33	0	0	33	0	0	46	0	970	24	23280	27	26	22
28	0	22	0	0	28	0	0	33	0	0	33	0	0	46	0	981	24	23544	24		
29	0	22	0	3200	28	89600	0	33	0	0	33	0	0	46	0	990	24	23760	27		
30	0	22	0	3400	28	95200	0	33	0	0	33	0	0	46	0	980	24	23520	27		
31	0	22	0	0	28	0	0	33	0	0	33	0	0	46	0	1000	24	24000	24		
Min		22			26			31			33			40		21		24	24	12	10
Avg.		22			28			33			33			40		24		27	24	22	24
Max		22			28			33			33			46		24		29	29	26	30

*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.