

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



October 6, 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 SEPTEMBER 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)
- Quarterly Report For Disinfectant Residuals Compliance
- Coliform Monitoring Worksheet
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of September 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.

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 September 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 the typed name.

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 September 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 Calculated Weighted Average NO ₃ Conc. (mg/L)	(3)980 A Analyzer NO ₃ (mg/L)	(3)980 B Analyzer NO ₃ (mg/L)	(3)980 A (1)Lab NO ₃ (mg/L)	(3)980 B (1)Lab 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)	Flow (gpm)	NO ₃ (mg/L)					
	1	975	20	3188	25	2656	30	0	33	0	47	0	44	0	18	26			
2	970	20	3206	25	2651	30	0	33	0	47	0	44	0	18	26	29	28	<u>25</u>	<u>25</u>
3	962	20	3193	25	2672	30	0	33	0	47	0	44	0	18	26				
4	975	20	3187	25	2638	30	0	33	0	47	0	44	0	18	26				
5	986	20	3222	25	2648	30	0	33	0	47	0	44	0	18	26				
6	982	20	3190	25	2642	30	0	33	0	47	0	44	0	18	26				
7	970	<u>22</u>	3204	25	2652	<u>32</u>	0	33	0	47	0	44	0	<u>18</u>	27	30	29	<u>27</u>	<u>28</u>
8	975	22	3200	25	2655	32	0	33	0	<u>49</u>	0	<u>44</u>	0	18	27				
9	980	22	3235	25	2654	32	0	33	0	49	0	44	0	18	27				
10	980	22	3185	25	2658	32	0	33	0	49	0	44	0	18	27				
11	970	22	3221	25	2645	32	0	33	0	49	0	44	0	18	27				
12	975	22	3204	<u>26</u>	2654	32	0	33	0	49	0	44	0	18	28				
13	0	22	3197	26	2637	32	0	33	0	49	0	44	0	18	29	31	30	<u>28</u>	<u>28</u>
14	986	22	3193	26	2657	32	0	33	0	49	0	44	0	18	28				
15	930	22	3195	26	2656	32	0	33	0	49	0	44	0	18	28				
16	977	22	3189	26	2669	32	0	33	0	49	0	44	0	18	28				
17	1000	22	3097	26	2653	32	0	33	0	49	0	44	0	18	28				
18	1004	22	3346	26	2658	32	0	33	0	49	0	44	0	18	28				
19	967	22	3199	26	2650	32	0	33	0	49	0	44	0	18	28				
20	980	22	3369	26	2655	32	0	33	0	49	0	44	0	18	28				
21	975	22	3008	26	2841	32	0	33	0	49	0	44	0	18	28	30	29	<u>28</u>	<u>28</u>
22	982	22	3199	26	2415	32	0	33	0	49	0	44	0	18	28				
23	1000	22	3188	26	2648	32	0	33	0	49	0	44	0	18	28				
24	991	22	3221	26	2655	32	0	33	0	49	0	44	0	18	28				
25	1000	22	3188	26	2662	32	0	33	0	49	0	44	0	18	28				
26	970	22	3202	26	2643	32	0	33	0	49	0	44	0	18	28				
27	1000	22	3211	26	2631	32	0	33	0	49	0	44	0	18	28				
28	995	22	3200	26	0	32	0	33	0	49	0	44	0	18	25	27	26	<u>26</u>	<u>26</u>
29	990	22	3189	26	2640	32	0	33	0	49	0	44	0	18	28				
30	965	22	3193	26	2650	32	0	33	0	49	0	44	0	18	28				
Min		20		25		30		33		47		44		18	0	27	26	25	25
Avg.		22		26		32		33		49		44		18	26	29	28	27	27
Max		22		26		32		33		49		44		18	29	31	30	28	28

(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.**