

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



September 7, 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 AUGUST 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 August 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 August 2011.

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

Sincerely,

A handwritten signature in purple ink, appearing to read "Steve Jaynes", with a large, sweeping flourish extending upwards and to the right.

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 August 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	1001	22	3222	29	2642	33	0	33	0	52	0	48	0	19	30				
2	989	22	3237	29	2649	33	0	33	0	52	0	48	0	19	30				
3	0	22	3214	<u>25</u>	2647	<u>30</u>	0	33	0	<u>47</u>	0	<u>44</u>	0	<u>18</u>	27	30	29	<u>28</u>	<u>28</u>
4	1001	22	3215	25	2631	30	0	33	0	47	0	44	0	18	26				
5	992	22	3217	25	2647	30	0	33	0	47	0	44	0	18	26				
6	989	22	3505	25	2656	30	0	33	0	47	0	44	0	18	26				
7	994	22	2961	25	2641	30	0	33	0	47	0	44	0	18	27				
8	992	22	3216	25	2643	30	0	33	0	47	0	44	0	18	26				
9	996	<u>20</u>	3202	25	2645	30	0	33	0	47	0	44	0	18	26	29	29	<u>27</u>	<u>27</u>
10	993	20	3206	25	2655	30	0	33	0	47	0	44	0	18	26				
11	993	20	3205	25	2655	30	0	33	0	47	0	44	0	18	26				
12	993	20	3203	25	2653	30	0	33	0	47	0	44	0	18	26				
13	991	20	3221	25	2648	30	0	33	0	47	0	44	0	18	26				
14	1030	20	3215	25	2661	30	0	33	0	47	0	44	0	18	26				
15	957	20	3193	25	2651	30	0	33	0	47	0	44	0	18	26				
16	996	20	3177	25	2639	30	0	33	0	47	0	44	0	18	26	29	29	<u>27</u>	<u>27</u>
17	992	20	3211	25	2654	30	0	33	0	47	0	44	0	18	26				
18	992	20	3190	25	2654	30	0	33	0	47	0	44	0	18	26				
19	989	20	3204	25	2652	30	0	33	0	47	0	44	0	18	26				
20	984	20	3217	25	2657	30	0	33	0	47	0	44	0	18	26				
21	986	20	3197	25	2664	30	0	33	0	47	0	44	0	18	26				
22	962	20	3204	25	2654	30	0	33	0	47	0	44	0	18	26				
23	1001	20	3182	25	2668	30	0	33	0	47	0	44	0	18	26				
24	974	20	3209	25	2675	30	0	33	0	47	0	44	0	18	26	29	28	<u>28</u>	<u>27</u>
25	970	20	3186	25	2690	30	0	33	0	47	0	44	0	18	26				
26	975	20	3214	25	2675	30	0	33	0	47	0	44	0	18	26				
27	982	20	3225	25	2701	30	0	33	0	47	0	44	0	18	26				
28	985	20	3241	25	2683	30	0	33	0	47	0	44	0	18	26				
29	989	20	3237	25	2667	30	0	33	0	47	0	44	0	18	26				
30	980	20	3064	25	2700	30	0	33	0	47	0	44	0	18	26	29	29	<u>26</u>	<u>26</u>
31	983	20	3363	25	2640	30	0	33	0	47	0	44	0	18	26				
Min		20		25		30		33		47		44		18	26	29	28	26	26
Avg.		21		25		30		33		47		44		18	27	29	29	27	27
Max		22		29		33		33		52		48		19	30	30	29	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.**