

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



November 8, 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 OCTOBER 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 October 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 October 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 faint, larger version of the signature.

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 October 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 Weighted Average NO ₃ Conc.	Analyzer NO ₃	Analyzer NO ₃	⁽¹⁾ Lab NO ₃	⁽¹⁾ Lab NO ₃
	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(gpm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
1	983	22	3203	26	0	32	0	33	0	49	0	44	0	18	25				
2	980	22	3219	26	2636	32	0	33	0	49	0	44	0	18	28				
3	979	22	3199	26	2643	32	0	33	0	49	0	44	0	18	28				
4	989	<u>23</u>	0	<u>26</u>	0	32	0	33	0	49	0	44	0	<u>14</u>	23	27	26	<u>25</u>	<u>25</u>
5	990	23	3215	26	0	32	0	33	0	<u>52</u>	0	<u>44</u>	0	14	25				
6	1000	23	3046	26	0	32	0	33	0	52	0	44	930	14	23				
7	1002	23	0	26	0	32	0	33	0	52	0	44	0	14	23	23	23	<u>21</u>	<u>22</u>
8	999	23	3181	26	0	32	0	33	0	52	0	44	0	14	25				
9	994	23	3204	26	0	32	0	33	0	52	0	44	1020	14	23				
10	990	23	3207	26	2623	32	0	33	0	52	0	44	0	14	28				
11	988	23	3210	26	2610	32	0	33	0	52	0	44	0	14	28				
12	980	23	3209	26	2598	<u>30</u>	0	33	0	52	0	44	0	14	27	29	27	<u>28</u>	<u>28</u>
13	979	23	3200	26	2623	30	0	33	0	52	0	44	0	14	27				
14	982	23	3197	26	2614	30	0	33	0	52	0	44	0	14	27				
15	986	23	3224	26	0	30	0	33	0	52	0	44	0	14	25				
16	983	23	3221	26	2552	30	0	33	0	52	0	44	0	14	27				
17	976	23	3198	26	2603	30	0	33	0	52	0	44	0	14	27				
18	983	23	3206	26	0	30	0	33	0	52	0	44	0	14	25	28	26	<u>26</u>	<u>25</u>
19	979	23	3200	26	2609	30	0	33	0	52	0	44	0	14	27				
20	1024	23	3202	26	2560	30	0	33	0	52	0	44	0	14	27				
21	941	23	3201	26	2589	30	0	33	0	52	0	44	0	14	27				
22	980	23	3216	26	0	30	0	33	0	52	0	44	0	14	25				
23	979	23	3204	26	2590	30	0	33	0	52	0	44	0	14	27				
24	980	23	3188	26	2558	30	0	33	0	52	0	44	0	14	27				
25	993	23	3195	26	0	30	0	33	0	52	0	44	0	14	25	26	28	<u>26</u>	<u>25</u>
26	992	23	3218	26	0	30	0	33	0	52	0	44	0	14	25				
27	991	23	3197	26	0	30	0	33	0	52	0	44	0	14	25				
28	981	23	3204	26	2600	30	0	33	0	52	0	44	0	14	27				
29	985	23	3207	26	2605	30	0	33	0	52	0	44	0	14	27				
30	982	23	3208	26	2625	30	0	33	0	52	0	44	0	14	27				
31	979	23	3202	26	2616	30	0	33	0	52	0	44	0	14	12				
Min		22		26		30		33		49		44		14	12	23	23	21	22
Avg.		23		26		31		33		52		44		14	26	27	26	25	25
Max		23		26		32		33		52		44		18	28	29	28	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.**