

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



December 9, 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 NOVEMBER 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 November, the following well in the 980 Zone was not run into the system: Well No. 18. On November 30, 2011, Well No. 6 ran into the system for equipment testing. During the month of November, Well No. 17 ran directly into Wells 17 & 18 IXTP, which was off-line, therefore was not reported on the 980 Blending Report.

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 November.

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 horizontal line.

Steve Jaynes  
Operations and Water Treatment Supervisor

Copy: Eldon Horst  
Robert Tock  
Water Quality Department  
[www.jcsd.us](http://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 November 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 <sub>3</sub> Conc. (mg/L)	(3)980 A Analyzer NO <sub>3</sub> (mg/L)	(3)980 B Analyzer NO <sub>3</sub> (mg/L)	(3)980 A (1)Lab NO <sub>3</sub> (mg/L)	(3)980 B (1)Lab NO <sub>3</sub> (mg/L)
	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)					
	1	983	23	3216	26	0	30	0	33	0	52	0	44	0	14	25			
2	976	23	3182	26	0	30	0	33	0	52	0	44	0	<b>13</b>	25	28	26	<b>24</b>	<b>25</b>
3	979	23	3208	26	2594	30	0	33	0	<b>47</b>	0	<b>43</b>	0	13	27				
4	987	23	0	26	0	30	0	33	0	47	0	43	0	13	23				
5	983	23	0	26	0	30	0	33	0	47	0	43	1973	13	16				
6	1001	23	0	26	0	30	0	33	0	47	0	43	1973	13	16				
7	984	23	0	26	0	30	0	33	0	47	0	43	1983	13	16				
8	0	23	0	26	0	30	0	33	0	47	0	43	1993	13	13	12	8	<b>10</b>	<b>7</b>
9	976	23	3132	26	0	30	0	33	0	47	0	43	1996	13	21				
10	995	23	3151	26	0	30	0	33	0	47	0	43	2010	13	21				
11	995	23	3201	26	0	30	0	33	0	47	0	43	2042	13	21				
12	995	23	3191	26	0	30	0	33	0	47	0	43	2014	13	21				
13	988	23	3213	26	0	30	0	33	0	47	0	43	1983	13	21				
14	986	23	3225	26	2710	30	0	33	0	47	0	43	0	13	27				
15	985	<b>23</b>	3226	<b>26</b>	0	30	0	33	0	47	0	43	0	13	25				
16	985	23	3213	26	0	30	0	33	0	47	0	43	0	13	25	28	26	<b>26</b>	<b>26</b>
17	988	23	3225	26	0	30	0	33	0	47	0	43	0	13	25				
18	993	23	0	26	0	30	0	33	0	47	0	43	0	13	23	26	24	<b>23</b>	<b>23</b>
19	991	23	3023	26	0	30	0	33	0	47	0	43	1984	13	21				
20	983	23	3065	26	0	30	0	33	0	47	0	43	0	13	25				
21	984	23	3209	26	0	30	0	33	0	47	0	43	1998	13	21				
22	985	23	0	26	0	30	0	33	0	47	0	43	1987	13	16	23	11	<b>19</b>	<b>10</b>
23	978	23	3174	26	0	30	0	33	0	47	0	43	1981	13	21				
24	987	23	3226	26	0	30	0	33	0	47	0	43	1997	13	21				
25	991	23	3228	26	0	30	0	33	0	47	0	43	1991	13	21				
26	995	23	3233	26	0	30	0	33	0	47	0	43	2002	13	21				
27	991	23	3232	26	0	30	0	33	0	47	0	43	1991	13	21				
28	985	23	0	26	0	30	0	33	0	47	0	43	0	13	23	28	30	<b>24</b>	<b>29</b>
29	995	23	3228	26	2537	30	0	33	0	47	0	43	0	13	27				
30	0	23	0	26	0	30	0	33	0	47	0	43	0	13	0	27	30	<b>25</b>	<b>30</b>
Min		23		26		30		33		47		43		13	0	12	8	10	7
Avg.		23		26		30		33		47		43		13	21	25	22	22	21
Max		23		26		30		33		52		44		14	27	28	30	26	30

(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.**