

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



February 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 JANUARY 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)
- Annual TTHM Report for Disinfection Byproducts Compliance
- Updated list of Sample Site Plan
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of January 2011, the following wells in the 980 Zone were not run into the system: Well Nos. 6, 17, 18 and 20. Well No. 6 is out of service for repairs and rehabilitation. On January 26, 2011 until January 27, 2011, there was a power shut down at the 980 A Analyzer due to construction and site improvements.

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 January 2011.

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 faint, stylized graphic element.

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 January Day	Well 20		Well 25		Well 13		Well 6		Well 17		Well 18		Well 18 PR - DeForest	**980 A & B	***980 A	***980 B	***980 A	***980 B	
	*Lab		*Lab		*Lab		*Lab		*Lab		*Lab		*Lab	Calculated	Analyzer	Analyzer	*Lab	*Lab	
	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	Weighted Average NO ₃ Conc.	NO ₃	NO ₃	NO ₃	*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)	
1	0	22	3190	28	0	33	0	33	0	46	0	40	0	24	28				
2	0	22	3176	28	0	33	0	33	0	46	0	40	975	24	27				
3	0	22	3150	28	0	33	0	33	0	46	0	40	0	24	28				
4	0	22	3145	<u>25</u>	0	33	0	33	0	46	0	40	0	<u>4</u>	25	25	4	<u>25</u>	<u>4</u>
5	0	22	0	25	0	33	0	33	0	46	0	40	1011	4	4	5	5	<u>5</u>	<u>4</u>
6	0	22	0	25	0	33	0	33	0	46	0	40	995	4	4				
7	0	22	0	25	0	33	0	33	0	46	0	40	1365	4	4				
8	0	22	0	25	0	33	0	33	0	46	0	40	1010	4	4				
9	0	22	0	25	0	33	0	33	0	46	0	40	999	4	4				
10	0	22	0	25	0	33	0	33	0	46	0	40	3030	4	4				
11	0	22	0	25	0	33	0	33	0	46	0	40	3036	4	4				
12	0	22	0	25	0	33	0	33	0	46	0	40	3000	4	4				
13	0	22	0	25	0	33	0	33	0	46	0	40	2989	4	4	4	14	<u>4</u>	<u>13</u>
14	0	22	0	25	0	33	0	33	0	46	0	40	3008	4	4				
15	0	22	0	25	0	33	0	33	0	46	0	40	3026	4	4				
16	0	22	0	25	0	33	0	33	0	46	0	40	2008	4	4				
17	0	22	0	25	0	33	0	33	0	46	0	40	3004	4	4				
18	0	22	0	25	0	33	0	33	0	46	0	40	2985	4	4				
19	0	22	3176	25	0	33	0	33	0	46	0	40	0	4	25	27	14	<u>26</u>	<u>13</u>
20	0	22	3157	25	2630	33	0	33	0	46	0	40	0	4	29				
21	0	22	3085	25	2643	33	0	33	0	46	0	40	0	4	29				
22	0	22	3114	25	0	33	0	33	0	46	0	40	0	4	25				
23	0	22	3106	25	0	33	0	33	0	46	0	40	3020	4	15				
24	0	22	3110	25	0	<u>29</u>	0	33	0	46	0	40	0	4	25	27	28	<u>28</u>	<u>29</u>
25	0	22	3141	25	0	29	0	33	0	46	0	40	0	4	25				
26	0	22	3135	25	0	29	0	33	0	46	0	40	0	4	25				
27	0	22	3130	25	0	29	0	33	0	46	0	40	0	4	25	27	28	<u>26</u>	<u>26</u>
28	0	22	3115	25	0	29	0	33	0	46	0	40	0	4	25	28	29	<u>27</u>	<u>27</u>
29	0	22	3105	25	0	29	0	33	0	46	0	40	0	4	25				
30	0	22	3142	25	0	29	0	33	0	46	0	40	0	4	25				
31	0	22	3070	25	0	29	0	33	0	46	0	40	0	4	25				
Min		22		25		29		33		46		40		4	4	4	4	4	4
Avg.		22		25		32		33		46		40		6	16	20	17	20	17
Max		22		28		33		33		46		40		24	29	28	29	28	29

*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.