

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



March 4, 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 FEBRUARY 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 February 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 February 28, 2011, there was a power shut down at the 980 A Analyzer due to site improvements and follow-up samples were taken.

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 February 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", is written over a horizontal line.

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 February	Well 20		Well 25		Well 13		Well 6		Well 17		Well 18		Well 18 PR - DeForest	*980 A & E	***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	NO ₃	Weighted Average NO ₃ Conc.	NO ₃	NO ₃	NO ₃	*Lab NO ₃
Day	(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	0	22	3109	<u>26</u>	0	<u>30</u>	0	33	0	46	0	40	2990	4	15				
2	0	22	3138	26	0	30	0	33	0	46	0	40	2950	4	15				
3	0	22	3181	26	0	30	0	33	0	46	0	40	0	<u>13</u>	26	25	15	<u>23</u>	<u>14</u>
4	0	22	3087	26	0	30	0	33	0	46	0	40	3000	13	20				
5	0	22	3097	26	2680	30	0	33	0	46	0	40	0	13	28				
6	0	22	3125	26	0	30	0	33	0	46	0	40	3030	13	20				
7	0	22	3088	26	2600	30	0	33	0	46	0	40	0	13	28				
8	0	22	3080	26	0	30	0	33	0	46	0	40	2950	13	20				
9	0	22	3130	26	0	30	0	33	0	46	0	40	0	13	26	27	28	<u>26</u>	<u>26</u>
10	0	22	3132	26	2656	30	0	33	0	46	0	40	0	13	28				
11	0	22	3110	26	0	30	0	33	0	46	0	40	0	13	26				
12	0	22	3113	26	0	30	0	33	0	46	0	40	0	13	26				
13	0	22	3108	26	2715	30	0	33	0	46	0	40	0	13	28				
14	0	22	3115	26	0	30	0	33	0	46	0	40	0	13	26				
15	0	22	3133	26	0	30	0	33	0	46	0	40	0	13	26	27	29	<u>25</u>	<u>26</u>
16	0	22	3112	26	0	30	0	33	0	46	0	40	0	13	26				
17	0	22	3120	26	0	30	0	33	0	46	0	40	3000	13	20				
18	0	22	3125	26	0	30	0	33	0	46	0	40	2970	13	20				
19	0	22	3076	26	0	30	0	33	0	46	0	40	2974	13	20				
20	0	22	3100	26	0	30	0	33	0	46	0	40	3033	13	20				
21	0	22	3127	26	0	30	0	33	0	46	0	40	2989	13	20				
22	0	22	3163	26	0	30	0	33	0	46	0	40	3024	13	20				
23	0	22	3097	26	0	30	0	33	0	46	0	40	3000	13	20	26	20	<u>26</u>	<u>19</u>
24	0	22	3171	26	2630	30	0	33	0	46	0	40	0	13	28				
25	0	22	3107	26	0	30	0	33	0	46	0	40	3032	13	20				
26	0	22	3134	26	0	30	0	33	0	46	0	40	2999	13	20				
27	0	22	3089	26	0	30	0	33	0	46	0	40	2978	13	20				
28	0	22	3113	26	0	30	0	33	0	46	0	40	3000	13	20	26	19	<u>24</u>	<u>17</u>
Min		22		26		30		33		46		40		4	15	25	15	23	14
Avg.		22		26		30		33		46		40		12	22	26	22	25	20
Max		22		26		30		33		46		40		13	28	27	29	26	26

***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.**