

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



April 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 MARCH 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)
- Quarterly Report for Disinfectant Residuals Compliance
- Coliform Monitoring Worksheet
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of March 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. On March 8, 2011, there was a power shut down at the 980 A Analyzer due to site improvements and follow-up samples were taken. On March 24, 2011, the 980 A and 980 B analyzers were calibrated.

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 March 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 stylized flourish extending 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

j:\admin_i\3400 state depts & agencies\3401 state dph env hlth & hlth svcs\2011\monthly reporting\march\steve williams - march 040711.doc

Jurupa Community Services District Distribution System 980 Zone Nitrate Blending Record and Nitrate Calculations

(1) Amended 04/21/11

2011 March	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 Weighted Average NO ₃ Conc.	Analyzer	Analyzer	*Lab	*Lab
	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	Flow (gpm)	NO ₃ (mg/L)	(mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	*Lab NO ₃ (mg/L)
1	0	22	3147	26	2642	30	0	33	0	46	0	40	2974	13	23				
2	0	22	3147	<u>25</u>	0	30	0	33	0	46	0	40	3044	⁽²⁾ 18	22	24	22	<u>23</u>	<u>20</u>
3	0	22	3161	25	0	30	0	33	0	46	0	40	2983	18	22				
4	0	22	3126	25	0	30	0	33	0	46	0	40	2940	18	22				
5	0	22	3146	25	2622	30	0	33	0	46	0	40	3011	18	24				
6	0	22	3146	25	2612	30	0	33	0	46	0	40	3348	18	24				
7	0	22	3096	25	0	30	0	33	0	46	0	40	2994	18	22				
8	0	22	3115	25	2618	30	0	33	0	46	0	40	0	18	27	27	28	<u>27</u>	<u>27</u>
9	0	22	3133	25	2629	30	0	33	0	46	0	40	2978	18	24				
10	0	22	3130	25	2628	30	0	33	0	46	0	40	2950	18	24				
11	0	22	3133	25	2650	30	0	33	0	46	0	40	2976	18	24				
12	0	22	3170	25	2629	30	0	33	0	46	0	40	2947	18	24				
13	0	22	3115	25	2630	30	0	33	0	46	0	40	2936	18	24				
14	0	22	3087	25	2640	30	0	33	0	46	0	40	3000	18	24				
15	0	22	0	25	0	30	0	33	0	46	0	40	3010	18	18	7	10	<u>8</u>	<u>9</u>
16	0	22	3120	25	2611	<u>33</u>	0	33	0	46	0	40	3005	18	25				
17	0	22	3111	25	2604	33	0	33	0	46	0	40	2921	18	25				
18	0	22	3106	25	2640	33	0	33	0	46	0	40	2959	18	25				
19	976	22	3078	25	2618	33	0	33	0	46	0	40	0	18	28	26	29	<u>31</u>	<u>31</u>
20	994	22	3014	25	2616	33	0	33	0	46	0	40	3132	18	25				
21	1001	22	3071	25	2632	33	0	33	0	46	0	40	2999	18	25				
22	1000	22	3014	25	2633	33	0	33	0	46	0	40	3000	18	25	26	17	<u>26</u>	<u>16</u>
23	995	22	0	25	0	33	0	33	0	46	0	40	2932	18	19				
24	999	22	3037	25	2636	33	0	33	0	46	0	40	3000	18	25	27	14	<u>25</u>	<u>13</u>
25	0	22	3049	25	2577	33	0	33	0	46	0	40	2975	18	25				
26	0	22	0	25	0	33	0	33	0	46	0	40	3005	18	18				
27	0	22	0	25	0	33	0	33	0	46	0	40	3004	18	18				
28	1000	22	0	25	2648	33	0	33	0	46	0	40	3000	18	25				
29	984	22	0	25	2705	33	0	33	0	46	0	40	0	18	30	14	8	<u>13</u>	<u>7</u>
30	1003	<u>23</u>	3114	25	2644	33	0	33	0	46	0	40	3006	18	25				
31	990	23	3144	25	2643	33	0	33	0	46	0	40	2970	18	25				
Min		22		25		30		33		46		40		13	18	7	8	8	7
Avg.		22		25		32		33		46		40		18	24	22	18	22	18
Max		23		26		33		33		46		40		18	30	27	29	31	31

*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.

(1) Data received from Lab after report was prepared.

(2) Missing Data