

Betty A. Anderson, President
Jane F. Anderson, Vice President
Kathryn Bogart, Director
Kenneth J. McLaughlin, Director



September 9, 2010

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 AUGUST 2010

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 August 2010, the following wells in the 980 Zone were not run into the system: Well Nos. 6, 17, 18 and 20. Well No. 20 is out of service for repairs and rehabilitation. Also, during this time period the Well 18 PR did not transfer water from the 1110 Zone to the 980 Zone. On August 3, 2010, the 980 A and 980 B analyzers were calibrated.

The nitrate level of 35 mg/L or below is being met at the JCSD Blend Points (before the first customers tap) for the month of August 2010.

Please contact me if you need additional information at (951) 685-7434.

Sincerely,

A handwritten signature in blue ink, appearing to read "S Jaynes", is written over a horizontal line.

Steve Jaynes
Operations & Water Treatment Supervisor

Copy: Eldon Horst
Robert Tock
Water Quality Department
www.jcsd.us
3401 Admin/NL/dw

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

2010 August	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	3181	30	2550	34	0	32	0	51	0	44	0	13	32				
2	0	22	3162	30	2580	34	0	32	0	51	0	44	0	<u>22</u>	32	33	32	<u>29</u>	<u>29</u>
3	0	22	3186	30	2577	34	0	32	0	51	0	44	0	22	32	32	31	<u>28</u>	<u>30</u>
4	0	22	3169	<u>27</u>	2594	<u>32</u>	0	32	0	51	0	44	0	22	29				
5	0	22	3183	27	2567	32	0	32	0	51	0	44	0	22	29	32	31	<u>29</u>	<u>31</u>
6	0	22	3147	27	2578	32	0	32	0	51	0	44	0	22	29				
7	0	22	3177	27	2558	32	0	32	0	51	0	44	0	22	29				
8	0	22	3182	27	2550	32	0	32	0	51	0	44	0	22	29				
9	0	22	3159	27	2589	32	0	32	0	51	0	44	0	22	29	32	31	<u>30</u>	<u>29</u>
10	0	22	3164	27	2573	32	0	32	0	51	0	44	0	22	29				
11	0	22	3133	27	2545	32	0	32	0	51	0	44	0	22	29				
12	0	22	3165	27	2569	32	0	<u>33</u>	0	<u>46</u>	0	44	0	22	29	32	31	<u>29</u>	<u>29</u>
13	0	22	3139	27	2560	32	0	33	0	46	0	44	0	22	29				
14	0	22	3172	27	2559	32	0	33	0	46	0	44	0	22	29				
15	0	22	3150	27	2600	32	0	33	0	46	0	44	0	22	29				
16	0	22	3153	27	2534	32	0	33	0	46	0	44	0	22	29	32	31	<u>30</u>	<u>30</u>
17	0	22	3176	27	2590	32	0	33	0	46	0	44	0	22	29				
18	0	22	3177	27	2560	32	0	33	0	46	0	44	0	22	29				
19	0	22	3168	27	2574	32	0	33	0	46	0	44	0	22	29	32	31	<u>27</u>	<u>28</u>
20	0	22	3194	27	2576	32	0	33	0	46	0	44	0	22	29				
21	0	22	3159	27	2520	32	0	33	0	46	0	44	0	22	29				
22	0	22	3152	27	2599	32	0	33	0	46	0	44	0	22	29				
23	0	22	3150	27	2594	32	0	33	0	46	0	44	0	22	29				
24	0	22	3163	27	2571	32	0	33	0	46	0	44	0	22	29	32	31	<u>30</u>	<u>30</u>
25	0	22	3183	27	2597	32	0	33	0	46	0	44	0	22	29				
26	0	22	3212	27	2594	32	0	33	0	46	0	44	0	22	29	32	31	<u>31</u>	<u>31</u>
27	0	22	3156	27	2560	32	0	33	0	46	0	44	0	22	29				
28	0	22	3182	27	2581	32	0	33	0	46	0	44	0	22	29				
29	0	22	3176	27	2595	32	0	33	0	46	0	44	0	22	29				
30	0	22	3203	27	2605	32	0	33	0	46	0	44	0	22	29				
31	0	22	3200	27	2604	32	0	33	0	46	0	44	0	22	29				
Min		22		27		32		32		46		44		13	29	32	31	27	28
Avg.		22		27		32		33		48		44		22	29	32	31	29	30
Max		22		30		34		33		51		44		22	32	33	32	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.