

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



October 7, 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 SEPTEMBER 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)
- Quarterly Report for Disinfectant Residuals Compliance
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of September 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 September 30, 2010, the 980 A Analyzer was 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 September 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

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

2010 September	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 (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)	Weighted Average NO ₃ Conc. (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	NO ₃ (mg/L)	*Lab NO ₃ (mg/L)
1	0	22	3141	27	2566	32	0	33	0	46	0	44	0	22	29				
2	0	22	3164	27	2577	32	0	33	0	46	0	44	0	<u>24</u>	29	32	31	<u>30</u>	<u>30</u>
3	0	22	3151	27	2572	32	0	33	0	46	0	44	0	24	29				
4	0	22	3139	27	2576	32	0	33	0	46	0	44	0	24	29				
5	0	22	3174	27	2580	32	0	33	0	46	0	44	0	24	29				
6	0	22	3149	27	2567	32	0	33	0	46	0	44	0	24	29				
7	0	22	3115	27	2575	32	0	33	0	46	0	44	0	24	29				
8	0	22	3151	27	2560	32	0	33	0	46	0	44	0	24	29	32	31	<u>31</u>	<u>31</u>
9	0	22	3152	<u>29</u>	2555	<u>34</u>	0	33	0	46	0	44	0	24	31				
10	0	22	3128	29	2564	34	0	33	0	46	0	44	0	24	31				
11	0	22	3143	29	2587	34	0	33	0	46	0	44	0	24	31				
12	0	22	3180	29	2579	34	0	33	0	46	0	44	0	24	31				
13	0	22	3164	29	2583	34	0	33	0	46	0	44	0	24	31	32	31	<u>31</u>	<u>31</u>
14	0	22	3151	29	2571	34	0	33	0	46	0	44	0	24	31				
15	0	22	3135	29	2560	34	0	33	0	46	0	44	0	24	31				
16	0	22	3142	29	2560	34	0	33	0	46	0	44	0	24	31	32	31	<u>29</u>	<u>29</u>
17	0	22	3133	29	2576	34	0	33	0	46	0	44	0	24	31				
18	0	22	3124	29	2550	34	0	33	0	46	0	44	0	24	31				
19	0	22	3152	29	2566	34	0	33	0	46	0	44	0	24	31				
20	0	22	3151	29	2556	34	0	33	0	46	0	44	0	24	31				
21	0	22	3146	29	2571	34	0	33	0	46	0	44	0	24	31				
22	0	22	3123	29	2545	34	0	33	0	46	0	44	0	24	31	32	31	<u>27</u>	<u>27</u>
23	0	22	3129	29	2628	34	0	33	0	46	0	44	0	24	31				
24	0	22	3132	29	2568	34	0	33	0	46	0	44	0	24	31				
25	0	22	3139	29	2565	34	0	33	0	46	0	44	0	24	31				
26	0	22	3107	29	2563	34	0	33	0	46	0	44	0	24	31				
27	0	22	3140	29	2572	34	0	33	0	46	0	44	0	24	31				
28	0	22	3141	29	2565	34	0	33	0	46	0	44	0	24	31				
29	0	22	3123	29	2553	34	0	33	0	46	0	44	0	24	31				
30	0	22	3137	29	2546	34	0	33	0	46	0	44	0	24	31	31	31	<u>32</u>	<u>28</u>
Min		22		27		32		33		46		44		22	29	31	31	<u>27</u>	<u>27</u>
Avg.		22		28		33		33		46		44		24	31	32	31	<u>30</u>	<u>29</u>
Max		22		29		34		33		46		44		24	31	32	31	<u>32</u>	<u>31</u>

*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.