

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



June 10, 2010

Mr. Steven Williams, P.E.
Office of Drinking Water DPH
1350 Front Street, Room 2050
San Diego, CA 92101

RE: MONTHLY REPORT FOR MAY 2010

Dear Mr. Williams:

Enclosed are the following pages:

- Monthly Summary of Distribution System Coliform Monitoring
- Weekly Samples 2010
- 980 Zone Nitrate Blending Record & Nitrate Calculations 2010
- 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
- Triggered Source Well No. 19 Final Copy for GWR

During the month of May 2010, the following wells in the 980 Zone were not run into the system: Wells Nos. 17, 18 and 20. Well Nos. 18 and 20 are out of service for repairs and rehabilitation. On May 27, 2010, Well No. 25 was off for repairs. Also, during this time period the Well 18 PR transferred water from the 1110 Zone to the 980 Zone.

On May 17, 2010, the City of Ontario's Water Distribution System had a Total Coliform positive. As a result, JCSD's Well No. 19 was sampled for E.coli and the result was absent. The City of Ontario was notified of the result on May 20, 2010.

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 May 2010.

Mr. Steven Williams, P.E.
Office of Drinking Water DPH
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Please contact me if you need additional information at (951) 685-7434.

Sincerely,



Steve Jaynes
Operations & Water Treatment Supervisor

Copy: Eldon Horst, General Manager
Robert Tock, Director of Engineering and Operations
Todd Minten, Operations Manager
Water Quality Department
Denise Waldie
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Jurupa Community Services District

980 Zone Nitrate Blending Record and Nitrate Calculations

May 2010

2010 May Day	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	
	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Flow (gpm)	*Lab NO ₃ (mg/L)	Calculated Weighted Average NO ₃ Conc. (mg/L)	Analyzer NO ₃ (mg/L)	Analyzer NO ₃ (mg/L)	*Lab NO ₃ (mg/L)	*Lab NO ₃ (mg/L)
1	0	22	3422	26	2630	28	0	31	0	42	0	44	0	21	27				
2	0	22	3470	26	2708	28	0	31	0	42	0	44	0	21	27				
3	0	22	3429	26	2568	28	0	31	0	42	0	44	0	<u>20</u>	27	30	31	<u>29</u>	<u>29</u>
4	0	22	3396	<u>27</u>	2625	<u>28</u>	0	31	0	42	0	44	961	20	26				
5	0	22	3448	27	2692	28	1867	<u>24</u>	0	<u>46</u>	0	44	0	20	27				
6	0	22	3373	27	2642	28	2030	24	0	46	0	44	0	20	27	31	31	<u>31</u>	<u>31</u>
7	0	22	3398	27	2570	28	2025	24	0	46	0	44	0	20	27				
8	0	22	3378	27	2545	28	2030	24	0	46	0	44	0	20	27				
9	0	22	3378	27	2600	28	2020	24	0	46	0	44	0	20	27				
10	0	22	3386	27	2650	28	1734	24	0	46	0	44	0	20	27	31	31	<u>30</u>	<u>30</u>
11	0	22	3411	27	2635	28	2059	24	0	46	0	44	0	20	27				
12	0	22	3359	27	2570	28	2278	24	0	46	0	44	0	20	26				
13	0	22	3381	27	2550	28	2010	<u>35</u>	0	46	0	44	0	20	29				
14	0	22	3387	27	2635	28	1924	35	0	46	0	44	0	20	29				
15	0	22	3399	27	2599	28	1920	35	0	46	0	44	0	20	29				
16	0	22	3415	27	2596	28	1899	35	0	46	0	44	0	20	29				
17	0	22	3408	27	2606	28	1885	35	0	46	0	44	0	20	29	32	32	<u>30</u>	<u>31</u>
18	0	22	3414	27	2595	28	2020	35	0	46	0	44	0	20	29				
19	0	22	3452	27	2600	28	1962	35	0	46	0	44	0	20	29				
20	0	22	3445	27	2650	28	1940	35	0	46	0	44	0	20	29				
21	0	22	3394	27	2575	28	2010	35	0	46	0	44	0	20	29				
22	0	22	3406	27	2670	28	1973	35	0	46	0	44	0	20	29				
23	0	22	3422	27	2640	28	1895	35	0	46	0	44	0	20	29				
24	0	22	3421	27	2680	28	1863	35	0	46	0	44	0	20	29	31	31	<u>30</u>	<u>30</u>
25	0	22	3415	27	2605	28	2018	35	0	46	0	44	0	20	29				
26	0	22	3389	27	2610	28	1901	35	0	46	0	44	982	20	28	34	30	<u>31</u>	<u>28</u>
27	0	22	0	27	2584	28	0	35	0	46	0	44	0	20	28	33	33	<u>30</u>	<u>30</u>
28	0	22	3435	27	2581	28	1872	35	0	46	0	44	0	20	29	33	33	<u>32</u>	<u>32</u>
29	0	22	3419	27	2623	28	1893	35	0	46	0	44	0	20	29				
30	0	22	3433	27	2593	28	1832	35	0	46	0	44	0	20	29				
31	0	22	3435	27	2575	28	0	35	0	46	0	44	0	20	27				
Min		22		26		28		24		42		44		20	26	30	30	<u>29</u>	<u>28</u>
Avg.		22		27		28		32		45		44		20	28	32	32	<u>30</u>	<u>30</u>
Max		22		27		28		35		46		44		21	29	34	33	<u>32</u>	<u>32</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.