

Kathryn Bogart, President  
Betty Anderson, Vice President  
Jane Anderson, Director  
R. M. "Cook" Barela, Director  
Kenneth J. McLaughlin, Director



September 10, 2009

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

RE: MONTHLY REPORT FOR AUGUST 2009

Dear Mr. Williams:

Enclosed are the following pages:

- Monthly Summary of Distribution System Coliform Monitoring
- Weekly Samples 2009
- 980 Zone Nitrate Blending Record & Nitrate Calculations 2009
- 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 2009, the following wells in the 980 Zone were not run into the system: Wells 17 and 18. Also, during this time period the Well 18 PR did not transfer water from the 1110 Zone to the 980 Zone. Well 20 was not run into the system from August 8, 2009, through August 31, 2009, for bacteriological testing. On August 30, 2009, Wells 6 and 13 were not run into the system due to an Edison power outage.

On August 6, 2009, the 980 B Analyzer was calibrated. On September 1, 2009 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 2009.

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 light blue horizontal line.

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  
[www.jcsd.us](http://www.jcsd.us)

3401Admin/DSW

## Jurupa Community Services District 980 Zone Nitrate Blending Record and Nitrate Calculations August 2009

2009 August Day	Well 6		Well 13		Well 17		Well 18		Well 18 PR - DeForest		Well 20		Well 22		Well 25		**980 A & B	***980 A	***980 B	***980 A	***980 B
	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Flow (gpm)	*Lab NO <sub>3</sub> (mg/L)	Calculated vweighted Average Nitrate Conc. (mg/L)	*Lab NO <sub>3</sub> (mg/L)	*Lab NO <sub>3</sub> (mg/L)	Analyzer NO <sub>3</sub> (mg/L)	Analyzer NO <sub>3</sub> (mg/L)
1	1820	<b>32</b>	2500	31	0	46	0	44	0	31	890	19	3100	35	3100	27	30				
2	1915	<b>32</b>	2549	31	0	46	0	44	0	31	913	19	0	35	3300	27	28				
3	1861	<b>32</b>	2601	31	0	46	0	44	0	31	913	19	0	35	3200	27	28				
4	1808	<b>32</b>	2514	<b>32</b>	0	<b>47</b>	0	44	0	<b>20</b>	889	<b>19</b>	2892	<b>36</b>	3400	27	31	<b>27</b>	<b>28</b>	31	27
5	0	32	2593	32	0	47	0	44	0	20	913	19	2970	36	3400	27	30	<b>28</b>	<b>28</b>	33	29
6	0	32	2620	32	0	47	0	44	0	20	907	19	2974	36	3400	27	30	<b>28</b>	<b>28</b>	33	29
7	1887	<b>32</b>	2583	<b>29</b>	0	47	0	44	0	20	912	<b>19</b>	2900	<b>36</b>	3200	<b>25</b>	29	<b>29</b>	<b>29</b>	33	32
8	1858	<b>32</b>	2510	29	0	47	0	44	0	20	897	19	2899	36	3400	25	29				
9	1962	<b>32</b>	2530	29	0	47	0	44	0	20	0	19	0	36	3200	25	28				
10	1973	<b>32</b>	2509	29	0	47	0	44	0	20	0	19	0	36	3400	25	28	<b>29</b>	<b>29</b>	33	32
11	1992	<b>35</b>	2485	29	0	47	0	44	0	20	0	19	0	36	3300	25	29	<b>32</b>	<b>31</b>	32	31
12	1980	<b>35</b>	2507	29	0	47	0	44	0	20	0	19	0	36	3300	25	29	<b>32</b>	<b>32</b>	32	32
13	1884	<b>35</b>	2500	29	0	47	0	44	0	20	0	19	0	36	3300	25	29	<b>32</b>	<b>32</b>	32	32
14	1860	<b>35</b>	2570	29	0	47	0	44	0	20	0	19	2967	36	3200	25	31	<b>29</b>	<b>28</b>	34	34
15	1950	<b>35</b>	2482	29	0	47	0	44	0	20	0	19	2930	36	3200	25	31	<b>34</b>	<b>33</b>	34	34
16	1960	<b>35</b>	2450	29	0	47	0	44	0	20	0	19	0	36	3000	25	29				
17	1950	<b>35</b>	2480	29	0	47	0	44	0	20	0	19	0	36	3200	25	29				
18	1933	<b>35</b>	2571	29	0	47	0	44	0	20	0	19	0	36	3200	25	29	<b>31</b>	<b>31</b>	32	31
19	1950	<b>35</b>	2483	29	0	47	0	44	0	20	0	19	0	36	3400	25	29	<b>28</b>	<b>28</b>	33	32
20	1864	<b>35</b>	2570	29	0	47	0	44	0	20	0	19	2910	36	3500	25	29	<b>27</b>	<b>28</b>	33	31
21	1922	<b>35</b>	2480	29	0	47	0	44	0	20	0	19	2911	36	3200	25	31	<b>29</b>	<b>30</b>	34	34
22	1904	<b>35</b>	2472	29	0	47	0	44	0	20	0	19	2889	36	3200	25	31				
23	1970	<b>35</b>	2508	29	0	47	0	44	0	20	0	19	0	36	3300	25	31				
24	1853	<b>35</b>	2518	29	0	47	0	44	0	20	0	19	0	36	3300	25	29				
25	1959	<b>35</b>	2579	29	0	47	0	44	0	20	0	19	2881	36	3200	25	31	<b>28</b>	<b>28</b>	33	32
26	2010	<b>35</b>	2580	29	0	47	0	44	0	20	0	19	0	36	3200	25	29	<b>28</b>	<b>28</b>	33	32
27	1870	<b>35</b>	2500	29	0	47	0	44	0	20	0	19	0	36	3075	25	29	<b>30</b>	<b>30</b>	35	35
28	1892	<b>35</b>	2481	29	0	47	0	44	0	20	0	19	2900	36	3200	25	31	<b>30</b>	<b>30</b>	35	35
29	1849	<b>35</b>	2493	29	0	47	0	44	0	20	0	19	2899	36	3200	25	31				
30	0	35	0	29	0	47	0	44	0	20	0	19	2892	36	3200	25	31				
31	0	35	2505	29	0	47	0	44	0	20	0	19	2904	36	3200	25	30				
													2936	36	3200	25	30	<b>31</b>	<b>31</b>	35	37
Min		32		29		46		44		20		19		35		25	28	<b>27</b>	<b>28</b>	31	27
Max		35		32		47		44		31		19		36		27	31	<b>34</b>	<b>33</b>	35	37
Avg.		34		29		47		44		21		19		36		25	30	<b>29</b>	<b>29</b>	33	32

\*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.