

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



June 7, 2012

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 MAY 2012

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)
- Stage 2 DDBPR Quarterly TTHM Report for Disinfection Byproducts
- Stage 2 DDBPR Quarterly HAA5 Report for Disinfection Byproducts
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of May, the following well in the 980 Zone was not run into the system: Well No. 18. On May 21, 2012, Well No. 19 resumed operational status. Well No. 8 is out of service for rehabilitation.

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 May.

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

Sincerely,

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

Steve Jaynes  
Operations and Water Treatment Supervisor

Copy: Todd M. Corbin  
Robert Tock  
Water Quality Department  
[www.jcsd.us](http://www.jcsd.us)  
3401 Admin/NL/dw

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

2012 May  Day	Well 20 <sup>(1)</sup> Lab		Well 25 <sup>(1)</sup> Lab		Well 13 <sup>(1)</sup> Lab		Well 6 <sup>(1)</sup> Lab		Prod 18 IXTP <sup>(1)</sup> Lab		Well 18 PR <sup>(1)</sup> Lab		<sup>(2)</sup> 980 A & B Calculated Weighted Average NO <sub>3</sub> Conc. (mg/L)	<sup>(3)</sup> 980 A Analyzer NO <sub>3</sub> (mg/L)	<sup>(3)</sup> 980 B Analyzer NO <sub>3</sub> (mg/L)	<sup>(3)</sup> 980 A <sup>(1)</sup> Lab NO <sub>3</sub> (mg/L)	<sup>(3)</sup> 980 B <sup>(1)</sup> Lab NO <sub>3</sub> (mg/L)
	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)	Flow (gpm)	NO <sub>3</sub> (mg/L)					
1	987	20	3250	25	2917	28	0	25	2465	33	0	18	27				
<b>2</b>	987	<b>19</b>	0	25	0	28	0	<b>22</b>	3281	33	0	<b>22</b>	30	29	31	<b>28</b>	<b>31</b>
3	985	19	3288	25	0	28	0	22	2996	33	0	22	27				
4	983	19	3286	25	2945	28	0	22	2631	33	0	22	27				
5	983	19	3277	25	2937	28	0	22	3260	33	0	22	28				
6	979	19	3263	25	2942	28	0	22	2696	33	0	22	27				
7	973	19	3249	25	2933	28	0	22	3270	<b>29</b>	0	22	27				
<b>8</b>	973	19	3248	<b>27</b>	0	28	0	22	2450	29	0	22	27	29	30	<b>25</b>	<b>27</b>
9	960	19	3202	27	2924	<b>29</b>	1776	22	2926	29	0	22	27				
10	967	19	3052	27	2913	29	1861	22	2869	29	0	22	27				
11	952	19	3206	27	2890	29	1849	22	3308	29	0	22	27				
12	961	19	3239	27	2912	29	0	22	2544	29	0	22	27				
13	962	19	3227	27	2911	29	0	22	3219	29	0	22	27				
14	965	19	3232	27	2906	29	1729	22	2763	<b>28</b>	0	22	26				
15	950	19	3226	27	2915	29	1758	22	2706	28	0	22	26				
<b>16</b>	953	19	3225	27	2894	29	0	22	2859	28	0	22	27	30	26	<b>28</b>	<b>25</b>
17	958	19	3220	27	2888	29	1784	22	2810	28	0	22	26				
18	958	19	3233	27	2895	29	1773	22	2773	28	0	22	26				
19	949	19	3203	27	2882	29	1809	22	2601	28	0	22	26				
20	958	19	3216	27	2897	29	1771	22	2901	28	0	22	26				
21	965	19	3226	27	2891	29	1797	22	3050	<b>23</b>	0	22	25				
<b>22</b>	965	19	0	27	0	29	0	22	2801	23	0	22	22	27	27	<b>23</b>	<b>24</b>
23	967	19	3102	27	2887	29	0	22	2796	23	0	22	26				
24	975	19	3242	27	0	29	1811	22	2858	23	0	22	24				
25	975	19	3219	27	0	29	0	22	2641	23	0	22	24				
26	973	19	3228	27	2820	29	1860	22	3017	23	0	22	25				
27	982	19	3236	27	0	29	0	22	3258	23	0	22	24				
28	974	19	3256	27	0	29	1905	22	2477	23	0	22	24				
29	967	19	3244	27	0	29	1929	22	2963	<b>22</b>	0	22	23				
<b>30</b>	976	19	3249	27	0	29	0	22	2913	22	0	22	24	31	25	<b>27</b>	<b>22</b>
31	973	19	3234	27	0	29	1911	22	2791	22	0	22	23				
Min	949	19	0	25	0	28	0	22	2450	22	0	18	22	27	25	23	22
Avg.	969	19	3019	27	1874	29	881	22	2868	27	0	22	26	29	28	26	26
Max	987	20	3288	27	2945	29	1929	25	3308	33	0	22	30	31	31	28	31

<sup>(1)</sup>Bold Underlined numbers are actual Lab results, all other cell numbers are for flow weighted calculations.

<sup>(2)</sup>Blending potential of operating wells.

<sup>(3)</sup>System also influenced by stored water from reservoirs.