

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



December 6, 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 NOVEMBER 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
- Domestic Water Supply Permit Amendment – Nitrate Blending Plan for Well No. 23 and Worksheet for CEQA Exemptions
- Copy of E.S. Babcock Lab Sampling Results

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 November.

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 November	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)
	Day	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		23	3203	25		25		31	2785	32		14	28				
2		23	3166	25		25		31	2719	32		14	28				
3	869	23	3201	25		25		31	3032	32		14	28				
4	831	23	3214	25		25		31	3007	32		14	28				
5	846	23	3222	25	2741	25		31	2864	<u>29</u>		14	26				
6	839	<u>22</u>	3118	<u>26</u>	2828	25		31		29		<u>15</u>	25	22	22	<u>21</u>	<u>21</u>
7	854	22	3149	26		<u>24</u>		<u>33</u>	2811	29		15	27				
8	855	22	3168	26		24		33	2672	29		15	27				
9	854	22	3210	26		24		33	3253	29		15	27				
10	850	22	3200	26		24		33	2747	29		15	27				
11	851	22	3227	26		24		33	3067	29		15	27				
12	843	22	3198	26	2728	24	1798	33	2547	29		15	27				
13	846	22	3213	26	2883	24		33	3297	29		15	26				
14	829	22	3186	26		24		33	2768	<u>28</u>		15	26	27	28	<u>25</u>	<u>26</u>
15	849	22	3220	26	2882	24		33	2913	28		15	26				
16	848	22	3228	26	2757	24	1690	33	3072	28		15	27				
17	839	22	3202	26		24	1786	33	4106	28		15	28				
18	849	22	3207	26		24		33	1600	28		15	26				
19	843	22	3231	26	2775	24		33	3087	<u>28</u>		15	26				
20	846	22	3219	26	2875	24		33	2823	28		15	26	23	27	<u>21</u>	<u>25</u>
21	840	22	3223	26	2726	24	1758	33	2941	28		15	27				
22	845	22	3228	26		24		33	2781	28		15	26				
23	844	22	3237	26		24		33	2852	28		15	26				
24	844	22	3208	26	2837	24		33	3018	28		15	26				
25	841	22	3203	26		24		33	2955	28		15	26				
26	839	22	3176	26	2843	24		33	2952	<u>27</u>		15	25				
27	840	22	3192	26		24		33	2976	27		15	26	27	29	<u>26</u>	<u>28</u>
28		22	3225	26	2807	24	1859	33	3002	27		15	27				
29	839	22	3184	26	2853	24	1816	33		27		15	26				
30	845	22	3236	26		24		33		27		15	25				
Min	829	22	3118	25	2726	24	1690	31	1600	27		14	25	22	22	21	21
Avg.	845	22	3203	26	2810	24	1784	33	2913	29		15	27	25	27	23	25
Max	869	23	3237	26	2883	25	1859	33	4106	32		15	28	27	29	26	28

(<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.