

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



January 10, 2013

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 DECEMBER 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)
- Quarterly Report for Disinfectant Residuals Compliance
- 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 December.

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

Sincerely,

A handwritten signature in purple ink, appearing to read "Steve Jaynes".

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 December	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	842	22	3087	26		24		33		27		15	25				
2	842	22	3257	26		24		33		27		15	25				
3	842	22	3235	26		24		33	1030	<u>19</u>		15	24				
4	850	<u>23</u>		26		24		33		19		<u>18</u>	23	26	23	<u>25</u>	<u>23</u>
5	852	23	3195	<u>28</u>		24		33	1048	19		18	25				
6	850	23	3238	28		24		33	1046	19		18	25				
7	846	23	3246	28		24		33	1050	19		18	25				
8	841	23	3228	28	2851	24		33		19		18	26				
9	840	23	3229	28		24		33		19		18	27				
10		23	3221	28	2893	24	1813	33	1030	<u>17</u>		18	26				
11	839	23	3203	28	2895	24	1783	33	1009	17		18	26				
12	830	23	3238	28	2900	24		33	1058	17		18	25				
13	846	23		28		24		33		17		18	23	27	23	<u>26</u>	<u>23</u>
14	841	23	3235	28		24		33	2965	17		18	23				
15	835	23		28	2898	24	1788	33		17		18	27				
16	845	23		28		24		33		17		18	23				
17	837	23	3215	28		24		33	1064	<u>21</u>		18	26				
18		23	3192	28		24		33	969	21		18	26	27	25	<u>24</u>	<u>22</u>
19	839	23	3194	28		24		33	1004	21		18	26				
20	843	23	3241	28		24		<u>34</u>	1002	21		18	26				
21	839	23	3240	28	2923	<u>12</u>		<u>34</u>		21		18	21				
22	839	23		28		12		<u>34</u>		21		18	23				
23	838	23		28	2924	12		<u>34</u>		21		18	14				
24	856	23		28		12		<u>34</u>	1056	<u>19</u>		18	21				
25	849	23		28		12		<u>34</u>		19		18	23				
26	853	23		28		12		<u>34</u>		19	994	18	20	24	23	<u>21</u>	<u>20</u>
27	843	23	3182	28		12		<u>34</u>		19		18	27				
28	848	23	3161	28		12		<u>34</u>		19		18	27				
29	844	23		28		12		<u>34</u>		19		18	23				
30	845	23	3236	28		12		<u>34</u>		19		18	27				
31		23		28		12		<u>34</u>		19	996	18	18	24	23	<u>22</u>	<u>21</u>
Min	830	22	3087	26	2851	12	1783	33	969	17	994	15	14	24	23	21	20
Avg.	843	23	3214	28	2898	20	1795	33	1179	20	995	18	24	26	23	24	22
Max	856	23	3257	28	2924	24	1813	34	2965	27	996	18	27	27	25	26	23

(<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.