

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



February 8, 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 JANUARY 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)
- Annual TTHM & HAA5 Report for Disinfection Byproducts Compliance
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of January, the following wells in the 980 Zone were not run into the system: Well Nos. 17 and 18.

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 January.

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: Eldon Horst  
Robert Tock  
Water Quality Department  
[www.jcsd.us](http://www.jcsd.us)  
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# Jurupa Community Services District Distribution System 980 Zone Nitrate Blending Record and Nitrate Calculations

| 2012<br>January<br><br>Day | Well 20<br><sup>(1)</sup> Lab |                 | Well 25<br><sup>(1)</sup> Lab |                 | Well 13<br><sup>(1)</sup> Lab |                 | Well 6<br><sup>(1)</sup> Lab |                 | Prod 18 IXTP<br><sup>(1)</sup> Lab |                 | Well 18 PR - DeForest<br><sup>(1)</sup> Lab |                 | <sup>(2)</sup> 980 A & B                  | <sup>(3)</sup> 980 A | <sup>(3)</sup> 980 B | <sup>(3)</sup> 980 A | <sup>(3)</sup> 980 B |
|----------------------------|-------------------------------|-----------------|-------------------------------|-----------------|-------------------------------|-----------------|------------------------------|-----------------|------------------------------------|-----------------|---|-----------------|---|----------------------|----------------------|----------------------|----------------------|
|                            | Flow                          | NO <sub>3</sub> | Flow                          | NO <sub>3</sub> | Flow                          | NO <sub>3</sub> | Flow                         | NO <sub>3</sub> | Flow                               | NO <sub>3</sub> | Flow  | NO <sub>3</sub> | Calculated                                | Analyzer             | Analyzer             | <sup>(1)</sup> Lab   | <sup>(1)</sup> Lab   |
|                            | (gpm)                         | (mg/L)          | (gpm)                         | (mg/L)          | (gpm)                         | (mg/L)          | (gpm)                        | (mg/L)          | (gpm)                              | (mg/L)          | (gpm)                                       | (mg/L)          | Weighted Average<br>NO <sub>3</sub> Conc. | NO <sub>3</sub>      | NO <sub>3</sub>      | NO <sub>3</sub>      | NO <sub>3</sub>      |
| 1                          | 997                           | 24              | 3282                          | 27              | 0                             | 27              | 0                            | 34              | 0                                  | 33              | 1003  | 13              | 24  |                      |                      |                      |                      |
| 2                          | 990                           | 24              | 3304                          | 27              | 2656                          | 27              | 0                            | 34              | 0                                  | 33              | 0   | 13              | 27  |                      |                      |                      |                      |
| 3                          | 994                           | 24              | 3310                          | 27              | 0                             | 27              | 0                            | 34              | 0                                  | 33              | 0   | 13              | 26  |                      |                      |                      |                      |
| 4                          | 991                           | 22              | 3312                          | 26              | 0                             | 27              | 0                            | 34              | 0                                  | 33              | 0   | 16              | 25  | 27                   | 27                   | 25                   | 25                   |
| 5                          | 989                           | 22              | 3304                          | 26              | 2664                          | 27              | 0                            | 34              | 0                                  | 33              | 0   | 16              | 26  |                      |                      |                      |                      |
| 6                          | 967                           | 22              | 3248                          | 26              | 2669                          | 27              | 1846                         | 34              | 0                                  | 33              | 0   | 16              | 28  |                      |                      |                      |                      |
| 7                          | 979                           | 22              | 3257                          | 26              | 0                             | 27              | 1995                         | 34              | 0                                  | 33              | 0   | 16              | 28  |                      |                      |                      |                      |
| 8                          | 986                           | 22              | 3229                          | 26              | 0                             | 27              | 2010                         | 34              | 0                                  | 33              | 0   | 16              | 28  |                      |                      |                      |                      |
| 9                          | 982                           | 22              | 3276                          | 26              | 2591                          | 27              | 1936                         | 34              | 0                                  | 33              | 0   | 16              | 28  |                      |                      |                      |                      |
| 10                         | 985                           | 22              | 3302                          | 26              | 2694                          | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 22  | 22                   | 23                   | 19                   | 20                   |
| 11                         | 988                           | 22              | 3293                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1025  | 16              | 23  |                      |                      |                      |                      |
| 12                         | 979                           | 22              | 3294                          | 26              | 2688                          | 16              | 0                            | 32              | 0                                  | 33              | 1007  | 16              | 21  |                      |                      |                      |                      |
| 13                         | 997                           | 22              | 3298                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1017  | 16              | 23  |                      |                      |                      |                      |
| 14                         | 981                           | 22              | 3309                          | 26              | 2683                          | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 22  |                      |                      |                      |                      |
| 15                         | 991                           | 22              | 3301                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1001  | 16              | 23  |                      |                      |                      |                      |
| 16                         | 982                           | 22              | 3314                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 25  |                      |                      |                      |                      |
| 17                         | 985                           | 22              | 3282                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 992   | 16              | 23  |                      |                      |                      |                      |
| 18                         | 984                           | 22              | 3313                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 25  | 27                   | 27                   | 26                   | 25                   |
| 19                         | 983                           | 22              | 3271                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1009  | 16              | 23  |                      |                      |                      |                      |
| 20                         | 987                           | 22              | 3298                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1018  | 16              | 23  |                      |                      |                      |                      |
| 21                         | 985                           | 22              | 3286                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1009  | 16              | 23  |                      |                      |                      |                      |
| 22                         | 985                           | 22              | 3248                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1018  | 16              | 23  |                      |                      |                      |                      |
| 23                         | 981                           | 22              | 3296                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1009  | 16              | 23  |                      |                      |                      |                      |
| 24                         | 982                           | 22              | 3261                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1009  | 16              | 23  | 27                   | 23                   | 24                   | 20                   |
| 25                         | 985                           | 22              | 0                             | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 985   | 16              | 19  | 23                   | 18                   | 20                   | 16                   |
| 26                         | 977                           | 22              | 3306                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 25  | 27                   | 26                   | 24                   | 24                   |
| 27                         | 985                           | 22              | 3287                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 1022  | 16              | 23  |                      |                      |                      |                      |
| 28                         | 976                           | 22              | 3311                          | 26              | 2668                          | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 22  |                      |                      |                      |                      |
| 29                         | 982                           | 22              | 3326                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 25  |                      |                      |                      |                      |
| 30                         | 968                           | 22              | 3300                          | 26              | 2500                          | 16              | 1797                         | 32              | 0                                  | 33              | 0   | 16              | 24  |                      |                      |                      |                      |
| 31                         | 968                           | 22              | 3298                          | 26              | 0                             | 16              | 0                            | 32              | 0                                  | 33              | 0   | 16              | 25  | 27                   | 27                   | 24                   | 24                   |
| Min                        |                               | 22              |                               | 26              |                               | 16              |                              | 32              |                                    | 33              |   | 13              | 19  | 22                   | 18                   | 19                   | 16                   |
| Avg.                       |                               | 22              |                               | 26              |                               | 19              |                              | 33              |                                    | 33              |   | 16              | 24  | 26                   | 24                   | 23                   | 22                   |
| Max                        |                               | 24              |                               | 27              |                               | 27              |                              | 34              |                                    | 33              |   | 16              | 28  | 27                   | 27                   | 26                   | 25                   |

<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.