

Jane F. Anderson, President
Kenneth J. McLaughlin, Vice President
Kathryn Bogart, Director
Robert "Bob" Craig, Director
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March 4, 2011

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 FEBRUARY 2011

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)
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of February 2011, the following wells in the 980 Zone were not run into the system: Well Nos. 6, 17, 18 and 20. Well No. 6 is out of service for repairs and rehabilitation. On February 28, 2011, there was a power shut down at the 980 A Analyzer due to site improvements and follow-up samples were taken.

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 February 2011.

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: Eldon Horst
Robert Tock
Water Quality Department
www.jcsd.us
3401 Admin/NL/dw

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

| 2011 February | Well 20 | | Well 25 | | Well 13 | | Well 6 | | Well 17 | | Well 18 | | Well 18 PR - DeForest | *980 A & E | ***980 A | ***980 B | ***980 A | ***980 B | |
|------------------|---------|-----------------|---------|------------------|---------|------------------|--------|-----------------|---------|-----------------|---------|-----------------|-----------------------|------------------|--|-----------------|-----------------|------------------|----------------------|
| | *Lab | | *Lab | | *Lab | | *Lab | | *Lab | | *Lab | | *Lab | Calculated | Analyzer | Analyzer | *Lab | *Lab | |
| | Flow | NO ₃ | Flow | NO ₃ | Flow | NO ₃ | Flow | NO ₃ | Flow | NO ₃ | Flow | NO ₃ | Flow | NO ₃ | Weighted Average NO ₃ Conc. | NO ₃ | NO ₃ | NO ₃ | *Lab NO ₃ |
| Day | (gpm) | (mg/L) | (gpm) | (mg/L) | (gpm) | (mg/L) | (gpm) | (mg/L) | (gpm) | (mg/L) | (gpm) | (mg/L) | (gpm) | (mg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) |
| 1 | 0 | 22 | 3109 | <u>26</u> | 0 | <u>30</u> | 0 | 33 | 0 | 46 | 0 | 40 | 2990 | 4 | 15 | | | | |
| 2 | 0 | 22 | 3138 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2950 | 4 | 15 | | | | |
| 3 | 0 | 22 | 3181 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | <u>13</u> | 26 | 25 | 15 | <u>23</u> | <u>14</u> |
| 4 | 0 | 22 | 3087 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3000 | 13 | 20 | | | | |
| 5 | 0 | 22 | 3097 | 26 | 2680 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 28 | | | | |
| 6 | 0 | 22 | 3125 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3030 | 13 | 20 | | | | |
| 7 | 0 | 22 | 3088 | 26 | 2600 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 28 | | | | |
| 8 | 0 | 22 | 3080 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2950 | 13 | 20 | | | | |
| 9 | 0 | 22 | 3130 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 26 | 27 | 28 | <u>26</u> | <u>26</u> |
| 10 | 0 | 22 | 3132 | 26 | 2656 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 28 | | | | |
| 11 | 0 | 22 | 3110 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 26 | | | | |
| 12 | 0 | 22 | 3113 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 26 | | | | |
| 13 | 0 | 22 | 3108 | 26 | 2715 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 28 | | | | |
| 14 | 0 | 22 | 3115 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 26 | | | | |
| 15 | 0 | 22 | 3133 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 26 | 27 | 29 | <u>25</u> | <u>26</u> |
| 16 | 0 | 22 | 3112 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 26 | | | | |
| 17 | 0 | 22 | 3120 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3000 | 13 | 20 | | | | |
| 18 | 0 | 22 | 3125 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2970 | 13 | 20 | | | | |
| 19 | 0 | 22 | 3076 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2974 | 13 | 20 | | | | |
| 20 | 0 | 22 | 3100 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3033 | 13 | 20 | | | | |
| 21 | 0 | 22 | 3127 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2989 | 13 | 20 | | | | |
| 22 | 0 | 22 | 3163 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3024 | 13 | 20 | | | | |
| 23 | 0 | 22 | 3097 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3000 | 13 | 20 | 26 | 20 | <u>26</u> | <u>19</u> |
| 24 | 0 | 22 | 3171 | 26 | 2630 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 0 | 13 | 28 | | | | |
| 25 | 0 | 22 | 3107 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3032 | 13 | 20 | | | | |
| 26 | 0 | 22 | 3134 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2999 | 13 | 20 | | | | |
| 27 | 0 | 22 | 3089 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 2978 | 13 | 20 | | | | |
| 28 | 0 | 22 | 3113 | 26 | 0 | 30 | 0 | 33 | 0 | 46 | 0 | 40 | 3000 | 13 | 20 | 26 | 19 | <u>24</u> | <u>17</u> |
| Min | | 22 | | 26 | | 30 | | 33 | | 46 | | 40 | | 4 | 15 | 25 | 15 | 23 | 14 |
| Avg. | | 22 | | 26 | | 30 | | 33 | | 46 | | 40 | | 12 | 22 | 26 | 22 | 25 | 20 |
| Max | | 22 | | 26 | | 30 | | 33 | | 46 | | 40 | | 13 | 28 | 27 | 29 | 26 | 26 |

***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.**