

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



June 7, 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 MAY 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 May 2011, the following wells in the 980 Zone were not run into the system: Well Nos. 6, 17 and 18. Well No. 6 is out of service for repairs and 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 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", with a long horizontal stroke extending to the right.

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 May Day | Well 20 (1)Lab | | Well 25 (1)Lab | | Well 13 (1)Lab | | Well 6 (1)Lab | | Well 17 (1)Lab | | Well 18 (1)Lab | | Well 18 PR - DeForest (1)Lab | | (2)980 A & B Calculated Weighted Average NO ₃ Conc. (mg/L) | (3)980 A Analyzer NO ₃ (mg/L) | (3)980 B Analyzer NO ₃ (mg/L) | (3)980 A (1)Lab NO ₃ (mg/L) | (3)980 B (1)Lab NO ₃ (mg/L) |
|--------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|---------------------------------|---------------------------|---|---|---|---|---|
| | Flow (gpm) | NO ₃ (mg/L) | Flow (gpm) | NO ₃ (mg/L) | Flow (gpm) | NO ₃ (mg/L) | Flow (gpm) | NO ₃ (mg/L) | Flow (gpm) | NO ₃ (mg/L) | Flow (gpm) | NO ₃ (mg/L) | Flow (gpm) | NO ₃ (mg/L) | | | | | |
| | 1 | 978 | 22 | 3063 | 27 | 2642 | 29 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 9 | 27 | | | |
| 2 | 984 | 22 | 3113 | 27 | 2631 | 29 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 9 | 27 | | | | |
| 3 | 991 | 22 | 3131 | 27 | 2624 | 29 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | 30 | 29 | 27 | 27 |
| 4 | 985 | 19 | 3123 | 27 | 2616 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 5 | 991 | 19 | 3099 | 27 | 2623 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 6 | 987 | 19 | 3144 | 27 | 2623 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 7 | 986 | 19 | 3156 | 27 | 2618 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 8 | 991 | 19 | 3119 | 27 | 2616 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 9 | 1001 | 19 | 3150 | 27 | 2628 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 10 | 987 | 19 | 3108 | 27 | 2620 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | 30 | 30 | 26 | 27 |
| 11 | 989 | 19 | 3111 | 27 | 2639 | 30 | 0 | 33 | 0 | 49 | 0 | 48 | 0 | 14 | 27 | | | | |
| 12 | 990 | 19 | 3135 | 27 | 2630 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 13 | 992 | 19 | 3138 | 27 | 2629 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 14 | 999 | 19 | 3141 | 27 | 2626 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 15 | 991 | 19 | 3146 | 27 | 2635 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 16 | 999 | 19 | 3133 | 27 | 2610 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 17 | 996 | 19 | 3111 | 27 | 2625 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | 31 | 30 | 27 | 27 |
| 18 | 991 | 19 | 3071 | 27 | 2634 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 2953 | 14 | 23 | | | | |
| 19 | 983 | 19 | 3034 | 27 | 2645 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 2975 | 14 | 23 | | | | |
| 20 | 980 | 19 | 3053 | 27 | 2637 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 21 | 982 | 19 | 3091 | 27 | 2633 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 22 | 987 | 19 | 3078 | 27 | 2624 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 23 | 982 | 19 | 3071 | 27 | 2638 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 24 | 1000 | 19 | 3072 | 27 | 2630 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | 30 | 30 | 26 | 26 |
| 25 | 995 | 19 | 3023 | 27 | 2622 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 26 | 997 | 19 | 2069 | 27 | 2616 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 27 | 998 | 19 | 3100 | 27 | 2616 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 28 | 1004 | 19 | 3101 | 27 | 2592 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 29 | 1004 | 19 | 3099 | 27 | 2612 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 30 | 997 | 19 | 3104 | 27 | 2607 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| 31 | 988 | 19 | 3100 | 27 | 2611 | 30 | 0 | 33 | 0 | 48 | 0 | 47 | 0 | 14 | 27 | | | | |
| Min | | 19 | | 27 | | 29 | | 33 | | 48 | | 47 | | 9 | 23 | 30 | 29 | 26 | 26 |
| Avg. | | 19 | | 27 | | 30 | | 33 | | 48 | | 47 | | 14 | 27 | 30 | 30 | 27 | 27 |
| Max | | 22 | | 27 | | 30 | | 33 | | 49 | | 48 | | 14 | 27 | 31 | 30 | 27 | 27 |

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

(2) Blending potential of operating wells.

(3) System also influenced by stored water from reservoirs.