

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



September 10, 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 AUGUST 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
- Calibration Reports
- Copy of E.S. Babcock Lab Sampling Results

On August 8, 2012, Well No. 18 was placed into service.

On August 7, 2012, maintenance and calibration was performed on the 980 A and 980 B analyzers. On August 30, 2012, the probe for the 980 B analyzer was replaced and the unit was calibrated.

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 August.

Mr. Steven Williams, P.E.
September 10, 2012
Page 2

The following 2012 Water System Sanitary Survey pending items have been completed:

- Pedley Reservoir B – Skimmed on August 7, 2012
- Live Oak Booster – Cleaned french drain on August 20, 2012
- CFD Reservoir B – Skimmed on August 21, 2012

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

Sincerely,



Steve Jaynes
Operations and Water Treatment Supervisor

Copy: Todd M. Corbin
Robert Tock
Water Quality Department
www.jcsd.us
3401 Admin/NL/dw

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

2012 August	Well 20 ⁽¹⁾ Lab		Well 25 ⁽¹⁾ Lab		Well 13 ⁽¹⁾ Lab		Well 6 ⁽¹⁾ Lab		Prod 18 IXTP ⁽¹⁾ Lab		Well 18 PR ⁽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)
	Day	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	967	19	3217	26	0	28	0	35	2904	<u>29</u>	0	13	26				
2	966	19	3218	26	0	28	0	35	2895	29	0	13	26				
3	966	19	3203	26	2842	28	0	35	2956	29	0	13	27				
4	962	19	3217	26	0	28	0	35	2753	29	0	13	26				
5	957	19	3222	26	2778	28	0	35	3165	29	0	13	27				
6	958	19	3208	26	2821	28	0	35	2783	29	0	13	27				
7	955	<u>19</u>	3204	<u>25</u>	2814	28	0	35	2922	29	0	<u>13</u>	26	27	18	<u>22</u>	<u>17</u>
8	932	19	3064	25	2827	28	0	35	2651	<u>29</u>	0	13	26				
9	954	19	3193	25	2848	28	1749	<u>34</u>	3318	<u>29</u>	0	13	28				
10	958	19	3215	25	2852	28	0	34	3736	29	0	13	27				
11	944	19	3204	25	2845	28	1752	34	4003	29	0	13	28				
12	954	19	3216	25	2844	28	1753	34	5246	29	0	13	28				
13	953	19	3189	25	2847	28	1734	34	2399	<u>27</u>	0	13	27				
14	945	19	3172	25	2857	28	1734	34	3170	<u>26</u>	0	13	27				
15	956	19	3213	25	2866	<u>27</u>	0	34	4013	26	0	13	25	28	29	<u>25</u>	<u>26</u>
16	946	19	3195	25	2829	27	1798	34	3075	26	0	13	27				
17	947	19	3196	25	2867	27	1788	34	2126	26	0	13	27				
18	939	19	3194	25	2831	27	0	34	2817	26	0	13	25				
19	951	19	3185	25	2860	27	1788	34	2854	26	0	13	27				
20	950	19	3188	25	2852	27	0	34	2928	<u>28</u>	0	13	26				
21	945	19	3204	25	2844	27	0	34	0	<u>27</u>	0	13	25	28	28	<u>25</u>	<u>25</u>
22	955	19	3205	25	2770	27	0	34	2975	27	0	13	26				
23	943	19	3204	25	2860	27	0	34	2908	27	0	13	26				
24	953	19	3206	25	2819	27	0	34	2942	27	0	13	26				
25	948	19	3212	25	2855	27	0	34	2943	27	0	13	26				
26	948	19	3204	25	0	27	0	34	3018	27	0	13	25				
27	947	19	3206	25	2854	27	0	34	2958	<u>29</u>	0	13	26				
28	939	19	3203	25	2830	27	0	34	2781	29	0	13	26				
29	939	19	3204	25	2853	27	0	34	2930	29	0	13	26				
30	937	19	3197	25	2794	27	0	34	2758	29	0	13	26	28	30	<u>26</u>	<u>27</u>
31	940	19	3207	25	2945	27	0	34	3158	29	0	13	26				
Min	932	19	3064	25	0	27	0	34	0	26	0	13	25	27	18	22	17
Avg.	950	19	3199	25	2841	27	1762	34	3069	28	0	13	26	28	26	25	24
Max	967	19	3222	26	2945	28	1798	35	5246	29	0	13	28	28	30	26	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.