

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



August 9, 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 JULY 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)
- Calibration Reports
- Copy of E.S. Babcock Lab Sampling Results

During the month of July the following well in the 980 Zone was not run into the system: Well No. 18. On July 6, 2012, Well No. 20 experienced a power failure that damaged some equipment. Well No. 20 was repaired and returned to service on July 9, 2012.

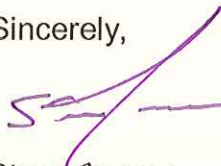
The 980 A Analyzer failed on July 7, 2012 (a steady rise above known system values). The 980 A Analyzer was temporarily replaced with a spare unit. System samples were taken to verify compliance. On July 12, 2012, the spare unit was changed out. On July 30 and 31, 2012, maintenance and calibration was performed on the 980 B Analyzer.

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 July.

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

2012 July	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	963	18	3237	25	0	21	1930	35	4181	30	0	21	28				
2	959	18	0	25	0	21	1920	35	4358	<u>31</u>	0	21	30				
3	961	<u>19</u>	3225	<u>26</u>	0	21	1919	<u>35</u>	3543	31	0	<u>13</u>	29	31	30	<u>28</u>	<u>27</u>
4	966	19	3231	26	0	21	1924	35	4870	31	0	13	29				
5	964	19	3254	26	0	21	0	35	4242	31	0	13	28				
6	951	19	3228	26	0	21	0	35	4036	31	0	13	28				
7	0	19	3259	26	0	21	1863	35	3900	31	0	13	30	33	31	<u>29</u>	<u>28</u>
8	0	19	3241	26	0	21	1947	35	4375	31	0	13	30				
9	995	19	3229	26	2846	21	1909	35	4718	<u>26</u>	0	13	26				
10	967	19	3239	26	0	21	1906	35	3839	26	0	13	27	31	30	<u>26</u>	<u>26</u>
11	968	19	3212	26	2827	21	0	35	3998	26	0	13	24				
12	979	19	3219	26	2819	21	0	35	4259	<u>28</u>	0	13	25	27		<u>24</u>	
13	961	19	3214	26	0	21	0	35	4626	28	0	13	26				
14	981	19	3203	26	0	21	0	35	3336	28	0	13	26				
15	973	19	3229	26	0	21	0	35	5032	28	0	13	26				
16	972	19	3203	26	0	21	0	35	4105	<u>27</u>	0	13	26				
17	976	19	3230	26	0	21	0	35	4373	27	0	13	26	27	29	<u>24</u>	<u>26</u>
18	969	19	3216	26	2828	21	0	35	4148	27	0	13	24				
19	963	19	3200	26	2821	21	0	35	4094	27	0	13	24				
20	974	19	3218	26	2828	21	0	35	4329	27	0	13	25				
21	966	19	3062	26	2841	21	1780	35	3618	27	0	13	26				
22	964	19	3025	26	2822	21	1806	35	4300	27	0	13	26				
23	968	19	3197	26	0	21	0	35	4709	<u>25</u>	0	13	25	27	29	<u>23</u>	<u>25</u>
24	966	19	3205	26	2836	21	0	35	4210	25	0	13	24				
25	970	19	3206	26	2848	<u>28</u>	0	35	4009	25	0	13	26				
26	970	19	3212	26	2832	28	0	35	3826	25	0	13	26				
27	970	19	3206	26	2862	28	0	35	4385	25	0	13	26		27		<u>25</u>
28	959	19	3207	26	2848	28	0	35	3786	25	0	13	26				
29	972	19	3208	26	2839	28	0	35	4256	25	0	13	26				
30	957	19	3209	26	2838	28	0	35	4866	25	0	13	26	27	30	<u>26</u>	<u>26</u>
31	962	19	3216	26	0	28	0	35	4137	25	0	13	25		30		<u>26</u>
Min	0	18	0	25	0	21	0	35	3336	25	0	13	24	27	27	23	25
Avg.	905	19	3104	26	1372	23	610	35	4209	27	0	14	26	29	30	26	26
Max	995	19	3259	26	2862	28	1947	35	5032	31	0	21	30	33	31	29	28

⁽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.