

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



January 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 DECEMBER 2011

Dear Mr. Williams:

Enclosed are the following pages:

- Monthly Summary of Distribution System Coliform Monitoring
- E-mail to: Chun Huang, DPH, December 15, 2011
- Sampling Schedule
- 980 Zone Nitrate Blending Record & Nitrate Calculations
- Nitrate 980 Blending Zone Monthly Field Samples
- 980 Pressure Zone Monthly Nitrate Report (Trend)
- Quarterly Report for Disinfectant Residuals Compliance
- Wells 17 & 18 IXTP Product Monthly Report
- 980 A & 980 B and Product 18 IXTP Copy of E.S. Babcock Lab Sampling Results

During the month of December, the following well in the 980 Zone was not run into the system: Well No. 18. During the month of December, Well No. 17 ran directly into Wells 17 & 18 IXTP (See attached E-mail). On December 22, 2011, the 980 A analyzer was calibrated, due to discrepancies between the field analyzer and laboratory results.

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 December.

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

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

2011 December	Well 20 (1)Lab		Well 25 (1)Lab		Well 13 (1)Lab		Well 6 (1)Lab		Prod 18 IXTP (1)Lab		Well 18 PR - DeForest (1)Lab		(2)980 A & B	(3)980 A	(3)980 B	(3)980 A	(3)980 B
	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Flow	NO ₃	Calculated Weighted Average NO ₃ Conc.	Analyzer NO ₃	Analyzer NO ₃	(1)Lab NO ₃	(1)Lab NO ₃
	(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	989	23	3243	26	0	30	0	33	0	30	0	13	25				
2	985	23	0	26	0	30	0	33	0	30	0	13	23	28	29	<u>28</u>	<u>26</u>
3	988	23	3238	26	0	30	0	33	0	30	0	13	25				
4	983	23	3245	26	0	30	0	33	0	30	0	13	25				
5	980	23	3221	26	2560	30	0	33	0	30	0	13	27				
6	0	23	0	26	0	30	0	33	3187	30	0	13	30	29	30	<u>25</u>	<u>29</u>
7	993	<u>24</u>	0	26	0	30	0	33	2569	30	0	13	28	29	30	<u>27</u>	<u>30</u>
8	988	24	3242	26	2620	30	0	33	2562	30	0	13	28	27	27	<u>24</u>	<u>27</u>
9	992	24	3242	26	0	30	0	33	2847	30	0	13	27	29	29	<u>24</u>	<u>27</u>
10	985	24	3278	26	0	30	0	33	2930	30	0	13	27				
11	990	24	3263	26	0	30	0	33	3638	30	0	13	28				
12	996	24	3257	26	0	30	0	33	2027	30	0	13	27				
13	0	24	0	26	0	30	0	33	3284	30	974	13	26	29	30	<u>25</u>	<u>29</u>
14	0	24	0	<u>27</u>	0	30	0	<u>34</u>	2937	30	1012	13	26				
15	0	24	0	27	0	30	0	34	2940	<u>33</u>	0	13	33	35	32	<u>33</u>	<u>32</u>
16	0	24	0	27	0	30	0	34	0	33	0	13	0	29	23	<u>26</u>	<u>22</u>
17	994	24	3287	27	2626	30	0	34	0	33	1016	13	26				
18	992	24	3305	27	0	30	0	34	0	33	0	13	26				
19	1000	24	3285	27	0	30	0	34	0	33	989	13	24				
20	985	24	3296	27	2649	30	0	34	0	33	0	13	28				
21	995	24	3295	27	2627	<u>27</u>	0	34	0	33	0	13	27				
22	992	24	3299	27	0	27	0	34	0	33	0	13	26	27	27	<u>26</u>	<u>26</u>
23	989	24	3301	27	0	27	0	34	0	33	0	13	26	27	27	<u>26</u>	<u>25</u>
24	991	24	3304	27	0	27	0	34	0	33	0	13	26				
25	997	24	3304	27	2650	27	0	34	0	33	0	13	27				
26	989	24	3284	27	2665	27	0	34	0	33	1020	13	25				
27	992	24	3307	27	0	27	0	34	0	33	0	13	26				
28	990	24	3338	27	0	27	0	34	0	33	993	13	24	27	24	<u>25</u>	<u>22</u>
29	993	24	3246	27	2654	27	0	34	0	33	0	13	27				
30	995	24	3275	27	0	27	0	34	0	33	0	13	26				
31	991	24	3301	27	2672	27	0	34	0	33	0	13	27				
Min		23		26		27		33		30		13	0	27	23	24	22
Avg.		24		27		29		34		32		13	26	29	28	26	27
Max		24		27		30		34		33		13	33	35	32	33	32

(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.