Jurupa Community Services District

January 8, 2010

Mr. Steven Williams, P.E.
Office of Drinking Water DPH
1350 Front Street, Room 2050
San Diego, CA 92101

RE: MONTHLY REPORT FOR DECEMBER 2009

Dear Mr. Williams:

Enclosed are the following pages:

- Monthly Summary of Distribution System Coliform Monitoring
- Weekly Samples 2009
- 980 Zone Nitrate Blending Record & Nitrate Calculations 2009
- Nitrate 980 Blending Zone Monthly Field Samples
- 980 Pressure Zone Monthly Nitrate Report (Trend)
- Quarterly Report for Disinfectant Residuals Compliance
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of December 2009, the following wells in the 980 Zone were not run into the system: Wells Nos. 17 and 18. Well No. 18 is out of service for repairs and rehabilitation. Also, during this time period the Well 18 PR transferred water from the 1110 Zone to the 980 Zone. December 6, 2009, through December 29, 2009, Well No. 20 was out of service due to maintenance. December 11, 2009, through December 14, 2009, the 980 A Nitrate Analyzer lost signal to SCADA and was repaired due to a power outage. Well No. 22 is no longer a 980 A Zone well, the plumbing is complete to Roger Teagarden Ion Exchange Plant (RTIXP). The well will not run until the District receives an amended DPH permit allowing use into RTIXP.

The nitrate level of 35 mg/L or below is being met at the JCSD Blend Points (before the first customers tap) for the month of December 2009.

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

Sincerely,

Steve Jaynes
Operations & Water Treatment Supervisor

Copy: Eldon Horst, General Manager
Robert Tock, Director of Engineering and Operations
Todd Minten, Operations Manager
Water Quality Department
Denise Waldie
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Jurupa Community Services District
980 Zone Nitrate Blending Record and Nitrate Calculations

2009 December Day	Well 20 Flow (gpm)	Well 20 *Lab NO_3 (mg/L)	Well 25 Flow	Well 25 *Lab NO_3 (mg/L)	Well 13 Flow (gpm)	Well 13 *Lab NO_3 (mg/L)	Well 6 Flow (gpm)	Well 6 *Lab NO_3 (mg/L)	Well 17 Flow (gpm)	Well 17 *Lab NO_3 (mg/L)	Well 18 Flow (gpm)	Well 18 *Lab NO_3 (mg/L)	Well 18 PR - DeForest Flow (gpm)	Well 18 PR - DeForest *Lab NO_3 (mg/L)	**980 A & B Calculated Weighted Average NO_3 Conc. (mg/L)	***980 A Analyzer NO_3 (mg/L)	***980 B Analyzer NO_3 (mg/L)	***980 A *Lab NO_3 (mg/L)	***980 B *Lab *Lab NO_3 (mg/L)
1	946	21	3400	27	0	31	0	34	0	47	0	44	0	**20**	26	28	27	**25**	**25**
2	960	21	3160	27	2602	31	0	34	0	47	0	44	0	20	28				
3	955	21	3400	27	0	31	0	34	0	47	0	44	0	20	26				
4	950	21	0	27	2600	31	2070	34	0	47	0	44	0	20	30	32	31	**28**	**28**
5	954	21	3166	27	0	31	0	34	0	47	0	44	0	20	26				
6	0	21	0	27	0	31	0	34	0	47	0	44	0	20	0				
7	0	21	0	27	0	31	0	34	0	47	0	44	0	20	0	29	28	**27**	**27**
8	0	21	0	27	0	31	0	34	0	47	0	44	0	20	0				
9	0	21	3124	**27**	0	31	0	**37**	0	**45**	0	44	975	20	25	21	20	**20**	**20**
10	0	**22**	3146	27	2509	**10**	0	37	0	45	0	44	980	20	20				
11	0	22	3114	27	0	10	0	37	0	45	0	44	990	20	25	29	20	**30**	**22**
12	0	22	3500	27	0	10	0	37	0	45	0	44	1002	20	25				
13	0	22	0	27	0	10	0	37	0	45	0	44	989	20	20				
14	0	22	0	27	0	10	0	37	0	45	0	44	0	20	0	24	28	**25**	**29**
15	0	22	3300	27	2550	10	0	37	0	45	0	44	0	20	20				
16	0	22	0	27	0	10	0	37	0	45	0	44	988	20	20				
17	0	22	3400	27	0	10	0	37	0	45	0	44	975	20	25	29	26	**29**	**26**
18	0	22	3200	27	0	10	0	37	0	45	0	44	0	20	27				
19	0	22	3400	27	0	10	0	37	0	45	0	44	1010	20	25				
20	0	22	3200	27	0	10	0	37	0	45	0	44	985	20	25				
21	0	22	3200	27	2573	10	0	37	0	45	0	44	0	20	19	31	29	**29**	**30**
22	0	22	0	27	0	10	0	37	0	45	0	44	991	20	20				
23	0	22	0	27	0	10	0	37	0	45	0	44	896	20	20				
24	0	22	0	27	0	10	0	37	0	45	0	44	975	20	20				
25	0	22	0	27	0	10	0	37	0	45	0	44	975	20	20				
26	0	22	0	27	0	10	0	37	0	45	0	44	980	20	20				
27	0	22	0	27	0	10	0	37	0	45	0	44	0	20	0				
28	0	22	0	27	0	10	0	37	0	45	0	44	995	20	20	21	20	**19**	**19**
29	0	22	0	27	0	10	0	37	0	45	0	44	989	20	20				
30	0	22	2286	27	2646	**30**	0	37	0	45	0	44	923	20	27				
31	0	22	0	27	0	30	0	37	0	45	0	44	983	20	20	14	13	**14**	**13**
Min		21		27		10		34		45		44		20	0	21	20	**19**	**19**
Avg.		22		27		18		36		46		44		20	19	27	25	**26**	**25**
Max		22		27		31		37		47		44		20	30	32	31	**30**	**30**

***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.**