Jurupa Community Services District

December 8, 2009

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

RE: MONTHLY REPORT FOR NOVEMBER 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)
- 980 A & 980 B Copy of E.S. Babcock Lab Sampling Results

During the month of November 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 did not transfer water from the 1110 Zone to the 980 Zone. On November 4, 2009, Well No. 20 was not running due to a high pressure fluctuation and this issue is now resolved.

On November 13, 2009, the 980 A and 980 B analyzers were calibrated.

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 November 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
www.jcsd.us
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Jurupa Community Services District
980 Zone Nitrate Blending Record and Nitrate Calculations

2009 November	Well 25		Well 20		Well 13		Well 6		Well 22		Well 17		Well 18		Well 18 PR - DeForest		**980 A & B	***980 A	***980 B	***980 A	***980 B
		*Lab		*Lab		*Lab		*Lab		*Lab		*Lab		*Lab		*Lab	Calculated	Analyzer	Analyzer	*Lab	*Lab
Day	Flow	NO_3	Flow	NO_3	Flow	NO_3	Flow	NO_3	Flow	NO_3	Flow	NO_3	Flow	NO_3	Flow	NO_3	Weighted Average NO_3 Conc.	NO_3	NO_3	NO_3	*Lab NO_3
	(gpm)	(mg/L)	(gpm)	(mg/L)	(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	3100	26	918	20	2567	31	1973	34	0	36	0	45	0	44	0	18	29				
2	3200	26	917	20	2528	31	1927	34	0	36	0	45	0	44	0	**27**	29	32	33	**29**	**28**
3	3200	**27**	932	20	2485	**31**	1885	34	0	36	0	45	0	44	0	27	29				
4	3200	27	0	20	2450	31	2015	**34**	0	**39**	0	**47**	0	44	0	27	30	33	34	**31**	**31**
5	3200	27	926	20	2430	31	2061	34	0	39	0	47	0	44	0	27	29				
6	3200	27	935	20	2570	31	1942	34	0	39	0	47	0	44	0	27	29	30	31	**27**	**27**
7	3200	27	940	20	2490	31	1885	34	0	39	0	47	0	44	0	27	29				
8	3200	27	935	20	2530	31	2166	34	0	39	0	47	0	44	0	27	29				
9	3200	27	930	20	2500	31	1843	34	0	39	0	47	0	44	0	27	29	30	31	**27**	**27**
10	3200	27	951	20	2535	31	1900	34	0	39	0	47	0	44	0	27	29				
11	3300	27	918	20	2550	31	1939	34	2805	39	0	47	0	44	0	27	31				
12	3300	27	880	20	2530	31	1842	34	2873	39	0	47	0	44	0	27	31	34	35	**31**	**31**
13	3200	27	929	20	2585	31	0	34	0	39	0	47	0	44	0	27	28	30	29	**27**	**28**
14	3200	27	935	20	2600	31	0	34	0	39	0	47	0	44	0	27	28				
15	3200	27	925	20	2520	31	0	34	0	39	0	47	0	44	0	27	28				
16	3400	27	914	20	2514	31	0	34	0	39	0	47	0	44	0	27	28	29	29	**27**	**27**
17	3300	27	931	20	2552	31	1899	34	0	39	0	47	0	44	0	27	29				
18	3400	27	961	**21**	2500	31	0	34	0	39	0	47	0	44	0	27	28	28	27	**25**	**26**
19	3200	27	916	21	2533	31	0	34	0	39	0	47	0	44	0	27	28				
20	3200	27	955	21	2580	31	1948	34	0	39	0	47	0	44	0	27	29	28	27	**26**	**25**
21	3200	27	942	21	2484	31	0	34	0	39	0	47	0	44	0	27	28				
22	3200	27	959	21	2515	31	0	34	0	39	0	47	0	44	0	27	28				
23	3200	27	930	21	2600	31	0	34	0	39	0	47	0	44	0	27	28	30	29	**28**	**28**
24	3400	27	931	21	2567	31	1873	34	0	39	0	47	0	44	0	27	29				
25	3400	27	952	21	2538	31	0	34	0	39	0	47	0	44	0	27	28	28	27	**26**	**25**
26	3400	27	933	21	2610	31	0	34	0	39	0	47	0	44	0	27	28				
27	3400	27	914	21	2592	31	2306	34	0	39	0	47	0	44	0	27	29				
28	3500	27	953	21	0	31	0	34	0	39	0	47	0	44	0	27	26				
29	3200	27	935	21	2463	31	0	34	0	39	0	47	0	44	0	27	28				
30	3400	27	950	21	2512	31	0	34	0	39	0	47	0	44	0	27	28				
Min		26		20		31		34		36		45		44		18	0	28	27	**25**	**25**
Avg.		27		20		31		34		39		47		44		27	28	30	30	**28**	**28**
Max		27		21		31		34		39		47		44		27	31	34	35	**31**	**31**

***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.**