



Kenneth J. McLaughlin, President
Betty A. Anderson, Vice President
Joan E. Roberts, Ph.D., Director
Jane F. Anderson, Director
Richard "Dickie" Simmons, Director

October 10, 2017

Mr. Steven Williams, P.E.
State Water Resources Control Board
Division of Drinking Water
1350 Front Street, Room 2050
San Diego, CA 92101

RE: 3310021-Jurupa Community SD-2017September-980BP

Dear Mr. Williams:

Enclosed are the following pages:

- 980 Zone Nitrate Blending Record & Nitrate Calculations
- Nitrate 980 Blending Zone Monthly Field Samples
- 980 Pressure Zone Monthly Nitrate Trend Report
- 980 A & 980 B Calibration Reports
- Copy of E.S. Babcock Lab Sampling Results

On September 12, 2017, the 980 A and 980 B nitrate analyzers were maintained and calibrated.

A nitrate level below 8.0 mg/L as N (36 mg/L as NO_3) was maintained at the 980 Blend Point (before the first customers tap) for the month of September.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Bryan Smith".

Bryan Smith
Water Systems Supervisor

Copy: DDWRiverside@waterboards.ca.gov
Todd M. Corbin
Robert Tock
Water Quality Department
Denise Waldie
3401 Admin/NL/dw

Jurupa Community Services District Distribution System

980 Zone Nitrate Blending Record and Nitrate Calculations

2017 September	Well 20 ⁽¹⁾ Lab		Well 25 ⁽¹⁾ Lab		Well 13 ⁽¹⁾ Lab		Well 6 ⁽¹⁾ Lab		Prod 17/18 IXTP ⁽¹⁾ Lab		Well 18 PR ⁽¹⁾ Lab		⁽²⁾ 980 A & B Calculated Weighted Average N Conc. (mg/L)	⁽³⁾ 980 A Analyzer N (mg/L)	⁽³⁾ 980 B Analyzer N (mg/L)	⁽³⁾ 980 A ⁽¹⁾ Lab N (mg/L)	⁽³⁾ 980 B ⁽¹⁾ Lab N (mg/L)
	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)					
1		8.2	3330	6.8	3058	4.7		6.0	3117	4.1		4.2	5.2				
2		8.2	3379	6.8	3054	4.7		6.0	3022	4.1		4.2	3.7				
3		8.2	3338	6.8	3071	4.7		6.0	2981	4.1		4.2	3.7				
4		8.2	3356	6.8		4.7		6.0	2907	4.1		4.2	5.5				
5		8.2	3334	6.8	3053	4.7		6.0	2671	4.1		4.2	3.7				
6		8.2	3356	6.8	3063	4.7		6.0		4.1		3.4	3.6	7.5	7.3	7.5	7.4
7		8.2	3331	6.8	3066	4.7		6.0	2955	4.1		3.4	3.7				
8		8.2	3345	6.8	3058	4.7		6.0	2885	4.1		3.4	3.7				
9		8.2	3353	6.8	3085	4.7		6.0	3117	4.1		3.4	3.7				
10		8.2	3353	6.8	3048	4.7		6.0	2837	4.1		3.4	3.7				
11		8.2	3322	6.8	3029	4.7		6.0	2933	4.1		3.4	3.7				
12		8.2		7.6		4.7		6.0	3149	4.3		3.4	4.3	7.3	4.4	7.4	4.6
13		8.2	3293	7.6	3008	7.8		6.0		4.3		3.4	4.0				
14		8.2	3309	7.6	3062	7.8		6.0	3026	4.3		3.4	4.1				
15		8.2	3309	7.6	3057	7.8		6.0		4.3		3.4	4.0				
16		8.2	3350	7.6	3057	7.8		6.0		4.3		3.4	4.0				
17		8.2	3305	7.6	3056	7.8		6.0		4.3		3.4	3.9				
18		8.2	3322	7.6	3072	7.8		6.0		4.3		3.4	3.9				
19		8.2	3326	7.6	3063	7.8		6.0		4.3		3.4	4.0	7.5	7.3	7.2	7.0
20		8.2	3317	7.6	3059	7.8		6.0	2890	4.3		3.4	4.1				
21		8.2	3320	7.6	3056	7.8		6.0	2949	4.3		3.4	4.1				
22		8.2	3310	7.6	3060	7.8		6.0		4.3		3.4	3.9				
23		8.2	3330	7.6	3086	7.8		6.0		4.3		3.4	3.9				
24		8.2	3359	7.6	3054	7.8		6.0		4.3		3.4	4.0				
25		8.2	3340	7.6	3078	7.8		6.0		4.3		3.4	4.0	6.8	7.1	6.7	6.6
26		8.2	3340	7.6	3077	7.8		6.0		4.3		3.4	4.0				
27		8.2	3319	7.6	3052	7.8		6.0		4.3		3.4	4.0				
28		8.2	3349	7.6	3077	7.8		6.0		4.3		3.4	4.0				
29		8.2	3380	7.6	3058	7.8		6.0		4.3		3.4	4.0				
30		8.2	3358	7.6	3069	7.8		6.0		4.3		3.4	4.0				
Min	0	8.2	3293	6.8	3008	4.7	0	6.0	2671	4.1	0	3.4	3.6	6.8	4.4	6.7	4.6
Avg.	0	8.2	3336	7.3	3060	6.6	0	6.0	2960	4.2	0	3.5	4.0	7.3	6.5	7.2	6.4
Max	0	8.2	3380	7.6	3086	7.8	0	6.0	3149	4.3	0	4.2	5.5	7.5	7.3	7.5	7.4

⁽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.