

Jane F. Anderson, President  
Richard "Dickie" Simmons, Vice President  
Betty Folsom, Director  
Kenneth J. McLaughlin, Director  
Betty A. Anderson, Director



February 11, 2019

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-2019January-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 January 3 and 4, 2019, the 980 A blend point was sampled due to loss of Edison power.

On January 16, 2019, the 980 A and 980 B nitrate analyzers were maintained and calibrated.

A nitrate level below 8.1 mg/L as N (36 mg/L as NO<sub>3</sub>) was maintained at the 980 Blend Point (before the first customers tap) for the month of January.

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

Sincerely,

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

Bryan Smith  
Water Systems Supervisor

Copy: [DDWRiverside@waterboards.ca.gov](mailto:DDWRiverside@waterboards.ca.gov)  
Water Quality Department  
3401 Admin/NL/dw

# Jurupa Community Services District Distribution System

## 980 Zone Nitrate Blending Record and Nitrate Calculations

2019 January	Well 20 <sup>(1)</sup> Lab		Well 25 <sup>(1)</sup> Lab		Well 13 <sup>(1)</sup> Lab		Well 6 <sup>(1)</sup> Lab		Prod 17/18 IXTP <sup>(1)</sup> Lab		Well 18 PR <sup>(1)</sup> Lab		<sup>(2)</sup> 980 A & B	<sup>(3)</sup> 980 A	<sup>(3)</sup> 980 B	<sup>(3)</sup> 980 A	<sup>(3)</sup> 980 B
	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (mg/L)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Flow (gpm)	N (mg/L)	Calculated Weighted Average N Conc. (mg/L)	N (mg/L)	N (mg/L)	N (mg/L)	N (mg/L)
1		8.2	3361	5.3	3088	3.6		9.8		6.9	1699	4.3	4.4				
2		8.2	3322	5.3	3080	3.6		9.8		<b>4.9</b>	1704	<b>4.9</b>	4.6	6.8	6.4	<b>7.0</b>	<b>6.3</b>
3		8.2	3298	5.3		3.6		9.8		4.9	1705	4.9	5.2			<b>6.9</b>	
4		8.2		5.3		3.6		9.8		4.9	1725	4.9	4.9			<b>5.3</b>	
5		8.2	3328	5.3		3.6		9.8		4.9	1733	4.9	5.2				
6		8.2	3336	5.3		3.6		9.8		4.9	1727	4.9	5.2				
7		8.2		5.3		3.6		9.8		4.9	3004	4.9	4.9				
8		8.2		5.3		3.6		9.8		4.9	2713	4.9	4.9	5.3	5.5	<b>5.1</b>	<b>5.1</b>
9		8.2	3265	<b>7.0</b>	2909	<b>6.7</b>		9.8		4.9	1761	4.9	6.4				
10		8.2	3325	7.0		6.7		9.8		4.9	1674	4.9	6.3				
11		8.2	3344	7.0		6.7		9.8		4.9	2237	4.9	6.2				
12		8.2		7.0		6.7		9.8		4.9	2202	4.9	4.9				
13		8.2		7.0		6.7		9.8		4.9	2708	4.9	4.9				
14		8.2		7.0		6.7		9.8		4.9	2683	4.9	4.9				
15		8.2	3372	7.0		6.7		9.8		4.9	2668	4.9	6.1				
16		8.2	3337	7.0		6.7		9.8		4.9	2297	4.9	6.1	7.1	5.5	<b>7.1</b>	<b>5.3</b>
17		8.2	3293	7.0		6.7		9.8		4.9	2027	4.9	6.2				
18		8.2	3345	7.0		6.7		9.8		4.9	2015	4.9	6.2				
19		8.2		7.0		6.7		9.8		4.9	2533	4.9	4.9				
20		8.2		7.0		6.7		9.8		4.9	2516	4.9	4.9				
21		8.2		7.0		6.7		9.8		4.9	2479	4.9	4.9				
22		8.2	3327	7.0		6.7		9.8		4.9	2505	4.9	6.1	7.1	6.2	<b>6.9</b>	<b>5.8</b>
23		8.2	3337	7.0		6.7		9.8		4.9	2504	4.9	6.1				
24		8.2	3258	7.0		6.7		9.8		4.9	2492	4.9	6.1				
25		8.2	3330	7.0		6.7		9.8		4.9	2499	4.9	6.1				
26		8.2		7.0		6.7		9.8		4.9	2490	4.9	4.9				
27		8.2	3350	7.0		6.7		9.8		4.9	2459	4.9	6.1				
28		8.2		7.0		6.7		9.8		4.9	2533	4.9	4.9				
29		8.2		7.0		6.7		9.8		4.9	2523	4.9	4.9	4.8	5.3	<b>4.9</b>	<b>5.0</b>
30		8.2	3252	7.0		6.7		9.8		4.9	2501	4.9	6.1				
31		8.2		7.0		6.7		9.8		4.9	2800	4.9	4.9				
Min	0	8.2	3252	5.3	2909	3.6	0	9.8	0	4.9	1674	4.3	4.4	4.8	5.3	4.9	5.0
Avg.	0	8.2	3321	6.6	3026	5.9	0	9.8	0	5.0	2294	4.9	5.4	6.2	5.8	6.2	5.5
Max	0	8.2	3372	7.0	3088	6.7	0	9.8	0	6.9	3004	4.9	6.4	7.1	6.4	7.1	6.3

<sup>(1)</sup>Bold Underlined numbers are actual Lab results, all other cell numbers are for flow weighted calculations.

<sup>(2)</sup>Blending potential of operating wells.

<sup>(3)</sup>System also influenced by stored water from reservoirs.

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1350 Front Street, Room 2050  
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RE: 3310021-Jurupa Community SD-2019January-Teagarden Blend

Dear Mr. Williams:

The Teagarden Blend was out of service for the month of January.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Bryan Smith", is written over a horizontal line.

Bryan Smith  
Water Systems Supervisor

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Water Quality Department  
3401 Admin/NL/dw