



# City of Plano

## Mid-Chlorine Burn Independent Test Results - 2018 vs 2019

(Expanded version with January compliance tests)

### TTHM (Total Trihalomethanes)

Sample Site		2018		2019			2018 vs 2019	
		Quarterly Compliance Test	3 weeks, 2 days into burn	Quarterly Compliance Test	1 week, 3 days into burn	3 weeks, 2 days into burn	3 weeks, 2 days into burn	
		1/22/2018*	3/21/2018*	1/14/2019*	3/14/2019*	3/27/2019*	Difference*	% increase
DBP2-01	2929 Oak Tree	22.6	65.5	24.6	68.9	80.3	14.8 ↑	22.6%
DBP2-02	5729 Cedar Grove	24.1	89	24.8	78	89.2	0.2 ↑	0.2%
DBP2-03	3613 Sandy Trail	23.6	75.4	23.9	84.6	91.5	16.1 ↑	21.4%
DBP2-04	4305 Jennings	24	79.3	24.6	84.2	88.9	9.6 ↑	12.1%
DBP2-05	1617 Simsbury	23.5	67.6	26	82.2	99.5	31.9 ↑	47.2%
DBP2-06	1720 Peek	27.1	63	24.6	73.8	96.8	33.8 ↑	53.7%
DBP2-07	1105 Seabrook	23	70.1	25.5	81.3	102	31.9 ↑	45.5%
DBP2-08	2032 Country Club Dr	22.5	89	22.4	90	104	15.0 ↑	16.9%
DBP2-09	2629 Jasmine	22.6	100	25.5	93.9	103	3.0 ↑	3.0%
DBP2-10	2401 Misty Haven	23	86.6	23.4	82	87.6	1.0 ↑	1.2%
DBP2-11	4701 Rockcreek	22.5	75.4	26.2	78.2	85.1	9.7 ↑	12.9%
DBP2-12	4313 Wingren	24	82.4	24.3	79.1	86.3	3.9 ↑	4.7%
EP002	Shiloh Pump Station, 1405 Del Sol Dr	N/A	48	N/A	78	87.7	39.7 ↑	82.7%
EP003	Custer Pump Station, 1901 W 15th St	N/A	60.6	N/A	75.2	90	29.4 ↑	48.5%
EP004	Stadium Pump Station, 6601 Alma Dr	N/A	57.4	N/A	83.3	89.6	32.2 ↑	56.1%
EP005	Ridgeview Pump Station, 2501 Ridgevi	N/A	60.3	N/A	84.1	88.7	28.4 ↑	47.1%
<b>MCL (maximum contaminant level) = 80 ppb**</b>								

\* Test results are expressed in parts per billion (ppb).

\*\* (1) MCLs (maximum contaminant levels) for these disinfection by-products are regulated according to annual averages.  
 (2) Independent test results are not included in compliance calculations.



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## Mid-Chlorine Burn Independent Test Results - 2018 vs 2019

(Expanded version with January compliance tests)

### TOTAL HALOACETIC ACIDS (HAA5)

Sample Site		2018		2019			2018 vs 2019	
		Quarterly Compliance Test	3 weeks, 2 days into burn	Quarterly Compliance Test	1 week, 3 days into burn	3 weeks, 2 days into burn	3 weeks, 2 days into burn	
		1/22/2018*	3/21/2018*	1/14/2019*	3/14/2019*	3/27/2019*	Difference*	% increase
DBP2-01	2929 Oak Tree	16.9	46	18.7	32	59.5	13.5 ↑	29.3%
DBP2-02	5729 Cedar Grove	17.2	49.1	18.5	31.3	34.7	-14.4 ↓	-29.3%
DBP2-03	3613 Sandy Trail	16.6	42.7	18.2	32.7	58.9	16.2 ↑	37.9%
DBP2-04	4305 Jennings	13.9	44.1	17.3	31.2	35	-9.1 ↓	-20.6%
DBP2-05	1617 Simsbury	15.8	37.9	19.2	32.9	34.2	-3.7 ↓	-9.8%
DBP2-06	1720 Peek	17.1	33.6	18.3	32.1	57.9	24.3 ↑	72.3%
DBP2-07	1105 Seabrook	13.5	40	18.1	32	34.4	-5.6 ↓	-14.0%
DBP2-08	2032 Country Club Dr	15.8	51.2	12.9	36.4	34.4	-16.8 ↓	-32.8%
DBP2-09	2629 Jasmine	16.5	48.9	18.8	35.1	56.5	7.6 ↑	15.5%
DBP2-10	2401 Misty Haven	18	47.5	18.3	32.3	35	-12.5 ↓	-26.3%
DBP2-11	4701 Rockcreek	14.5	41.7	19.6	31.7	32.7	-9.0 ↓	-21.6%
DBP2-12	4313 Wingren	18.1	44.4	19.4	31.5	34	-10.4 ↓	-23.4%
EP002	Shiloh Pump Station, 1405 Del Sol Dr	N/A	36.4	N/A	32.8	31.8	-4.6 ↓	-12.6%
EP003	Custer Pump Station, 1901 W 15th St	N/A	37.6	N/A	32.3	56.3	18.7 ↑	49.7%
EP004	Stadium Pump Station, 6601 Alma Dr	N/A	35.6	N/A	34.2	55.2	19.6 ↑	55.1%
EP005	Ridgeview Pump Station, 2501 Ridgevi	N/A	41.2	N/A	35.2	37.4	-3.8 ↓	-9.2%
<b>MCL (maximum contaminant level) = 60 ppb**</b>								

\* Test results are expressed in parts per billion (ppb).

\*\* (1) MCLs (maximum contaminant levels) for these disinfection by-products are regulated according to annual averages.  
 (2) Independent test results are not included in compliance calculations.