

# Compliance History Report 2019

## Brush Creek Water Pollution Control Facility

| Parameter   |        |           |          |           |            |          |                |     |       |           |          |
|-------------|--------|-----------|----------|-----------|------------|----------|----------------|-----|-------|-----------|----------|
|             | CBOD   | Suspended | Ammonia  | Dissolved | Phosphorus | Chlorine | p H**          |     | Flow  | Fecal     | Total    |
| Limit mg/L  | 10/20* | solids    | Nitrogen | Oxygen    | 2.0        | Residual | standard units |     | MG/D  | Coliform  | Nitrogen |
|             |        | 30        | 2/5*     | 5 min     |            | 0.18     | 6.0            | 9.0 | 4.5   | 200/100*  | M&R      |
|             |        |           |          |           |            |          |                |     |       | 2100/100* | *****    |
| January     | 7      | 18        | 0.125    | 7.89      | 1.43       | 0        | 6.6            | 7.1 | 4.168 | 34        | 15       |
| February    | 3      | 9         | 0.462    | 8.06      | 0.71       | 0        | 6.4            | 7.2 | 4.812 | 15        | 12.7     |
| March       | 3      | 9         | 0.245    | 7.11      | 1.21       | 0        | 6.6            | 7.0 | 3.77  | 6         | 13.4     |
| # April     | < 2.0  | 2         | 0.92     | 7.38      | 1.25       | 0        | 6.7            | 7.3 | 3.799 | 3         | 12.0     |
| May         | <2.0   | <2.0      | 1.55     | 6.67      | 1.33       | 0        | 5.9            | 7   | 3.949 | 1         | 15       |
| June        | <2.0   | <2.0      | 0.813    | 5.15      | 1.38       | 0        | 6.7            | 7.1 | 4.47  | 1         | 19.8     |
| July        | <2.0   | <2.0      | 0.724    | 5.51      | 1.46       | 0        | 6.7            | 7.3 | 3.953 | 3         | 13.3     |
| August      | <2.0   | <2.0      | 0.045    | 7.26      | 1.69       | 0        | 6.7            | 7.2 | 3.255 | < 2.0     | 25.9     |
| September   | <2.0   | <2.0      | 0.123    | 6.83      | 1.16       | 0        | 6.5            | 7.3 | 3.321 | 6         | 29.4     |
| October     |        |           |          |           |            |          |                |     |       |           |          |
| November    |        |           |          |           |            |          |                |     |       |           |          |
| December    |        |           |          |           |            |          |                |     |       |           |          |
| Yearly Avg. | 4.3    | 9.5       | 0.6      | 6.9       | 1.3        | 0.000    | 6.5            | 7.2 | 3.9   | 8.6       | 17.4     |

\* different limits during the summer and winter months

# - ALL flow is through MBR system

\*\* Between 6.0 and 9.0 standard units

M&R - Monitor and Report only - added parameter with new NPDES permit renewal

\*\*\*\*\* Total Nitrogen added to new permit