

To: Rene Ansel  
From: Bourke Creek Improvement District  
Date: May 15, 2020  
Re: Three Month report status (February/20- April/20)

This document includes the following items as part of report for the Bourke Creek Improvement District water system:

- 1.0 Daily Water Consumption**
- 2.0 Operator Log Sheets and Water Quality Events**
- 3.0 Operational Events**
- 4.0 Record of Customer Feedback and Response**

Submission of this report is to enhance communication with local Environmental Health Officer and meet requirements for status compliance on the conditions summarized in the Operating Permit.

### **1.0 Daily Water Consumption**

Flow is collected at the treatment system regularly using a flow meter.

For the months of February/20 thru April /20, the average demand was approx. 5500 gallons/day with the maximum demand at the beginning of March (8,000/day). Minimum demand was at the beginning of February (3,000/day). We would expect the consumption to start to increase substantially as we enter the summer months.

### **2.0 Operator Log Sheets and Water Quality Events**

Bourke Creek Water System continues to be tested by our on-site operator. The log sheets (attached) include comments on source, treatment, and distribution system events. Log sheets also record water quality data and incoming and outgoing turbidity information. In the three months (February/20 - April/20) raw water turbidity fluctuated between 1.9 and 8 with finished turbidity readings between 0.3 and 1. We started to see our run off start in early March. However, with the cold nights it has been a very gradual process which really makes the operational job a lot easier.

The CL2 was monitored and found to meet or exceed the 0.2mg/L throughout the two months with the average being approx 0.22 mg/litre

### **3.0 Major Operational Events**

Throughout the three months it was business as usual even with the run off starting.

### **4.0 Records of Customer Feedback and Response**

No customer feedback or response was received throughout these two months.

Report Provided by:

Directors of Bourke Creek Improvement District