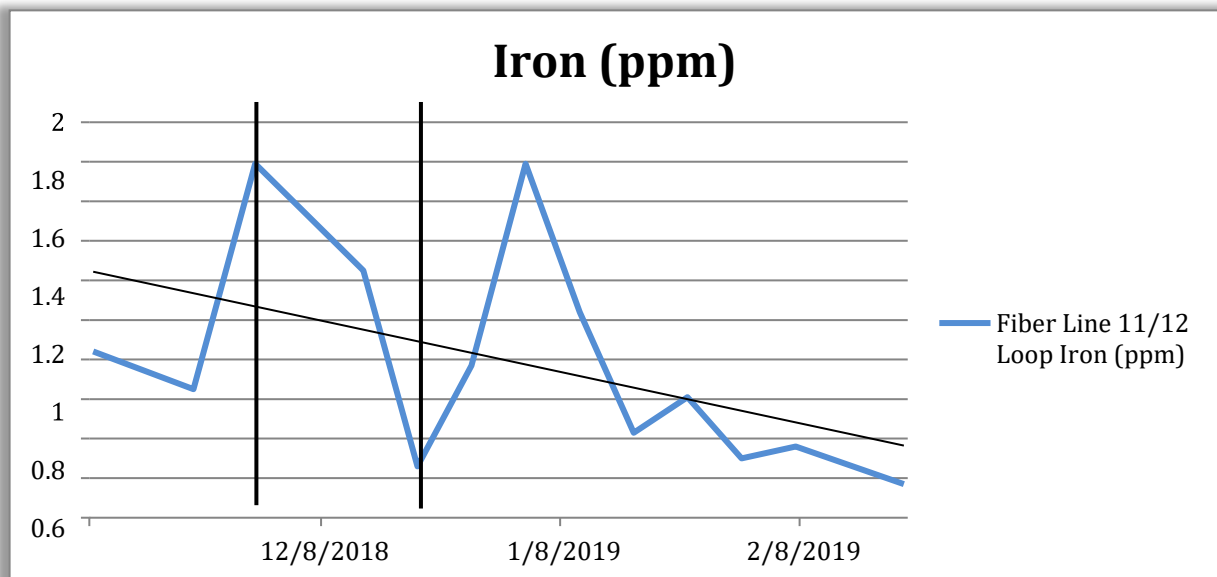


ProMoss™ Treatment of Semi-Closed Loop

ProMoss™ was added to a semi-closed loop system on Nov. 8, 2018. An initial spike in iron occurred and filters were changed frequently. This was a result of iron deposits and organic contamination being liberated and put into suspension. The system was flushed for two weeks which is represented by the large reduction in iron levels from early to mid-December. Iron levels continue to trend down.



Fiber Line 11/12 Loop				
Date	Conductivity	pH	Iron	Total Hardness
11-8-18	772	8.4	0.84	120
Began ProMoss™ Treatment				
11-21-18	438	8.59	0.65	130
11-29-18	446	9.73	1.79	70
12-13-18	462	8.36	1.25	55
12-20-18	388	8.83	0.26	80
12-27-18	394	8.94	0.77	60
1-3-19	399	8.58	1.79	55
1-10-19	466	9.13	1.04	80
1-17-19	450	8.9	0.43	70
1-24-19	445	8.6	0.61	50
1-31-19	432	8.77	0.3	50
2-7-19	447	8.84	0.36	40
2-21-19	458	8.68	0.16	40
2-28-19	452	8.61	0.13	30



Picture above of the used bags of ProMoss™ show the iron that has been absorbed from the loop system.