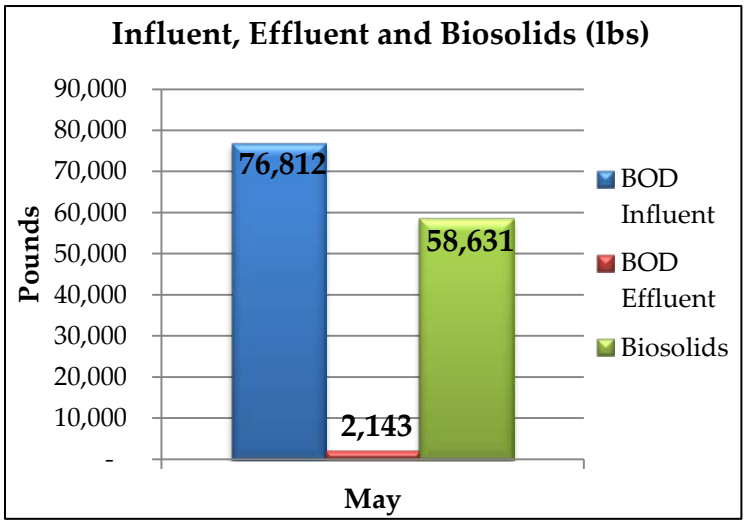
River Falls Municipal Utilities
Waste Water Treatment Plant

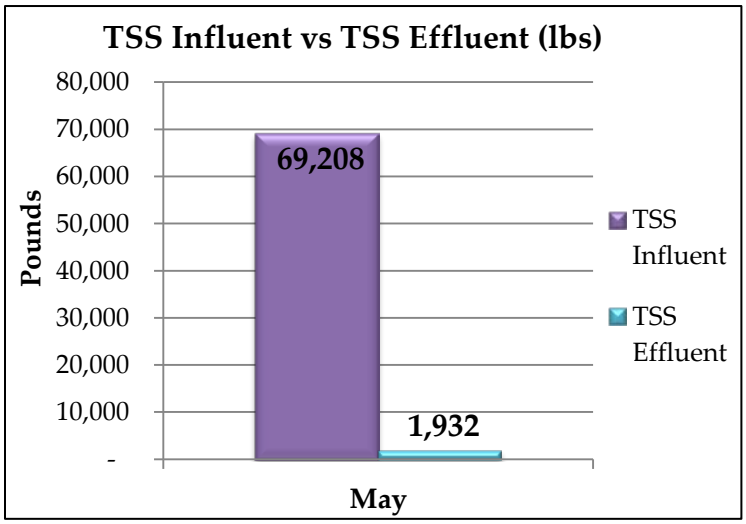
For May 2015

Influent, Effluent and Biosolids (lbs.)



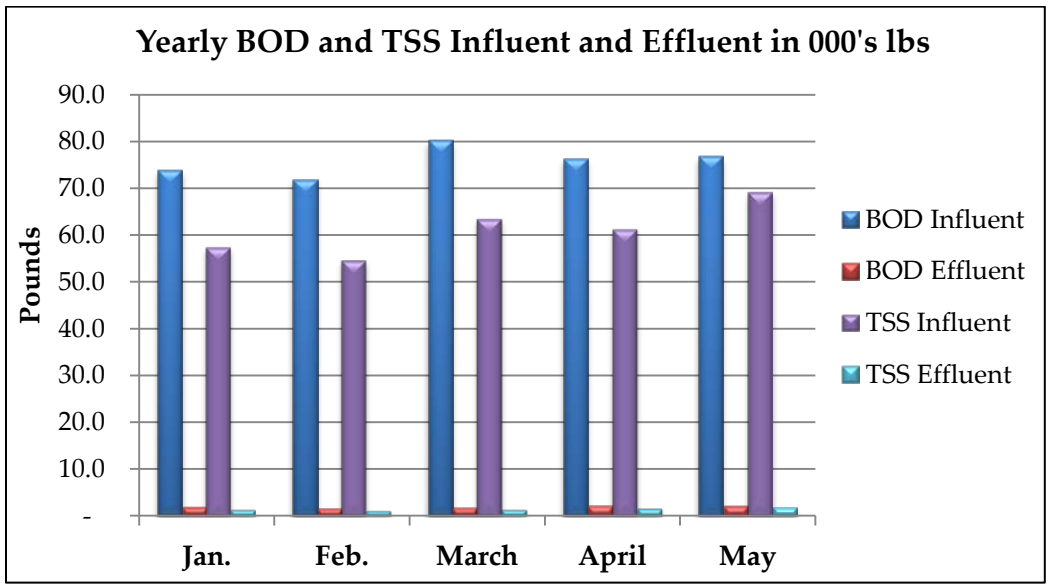
The Biochemical Oxygen Demand (BOD) Influent and BOD Effluent pounds represent pounds of oxygen needed for treatment.

TSS Influent vs TSS Effluent (lbs)



The TSS Influent and TSS Effluent represent the pounds of Total Suspended Solids entering the Waste Water Treatment Plant versus going out into the Kinnickinnic River.

Yearly BOD and TSS Influent and Effluent (in 000's lbs.)



This graph represents the average monthly pounds of both BOD and TSS coming into the plant and being discharged at the plant`s outfall into the Kinnickinnic River for the year 2015.

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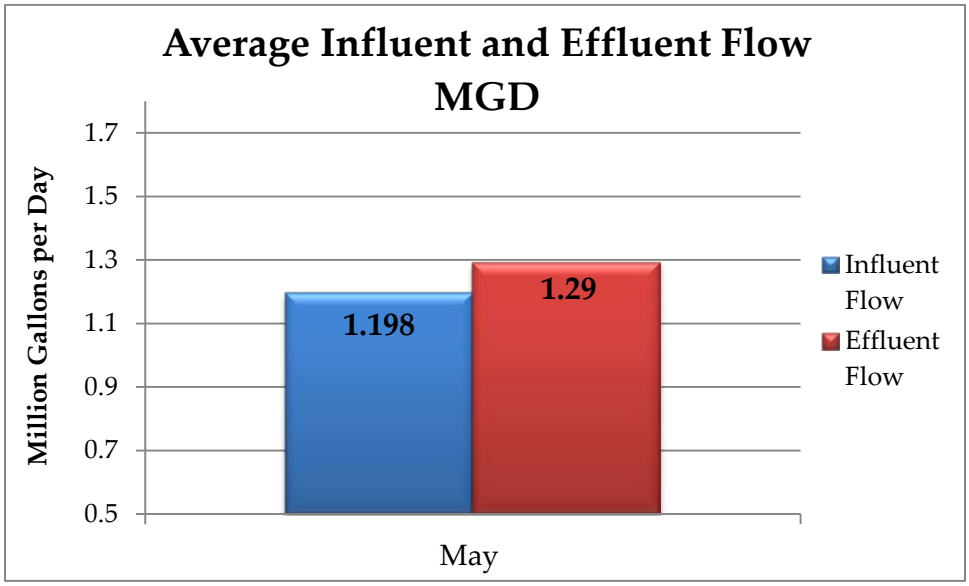
Average Influent and Effluent Flow in MGD

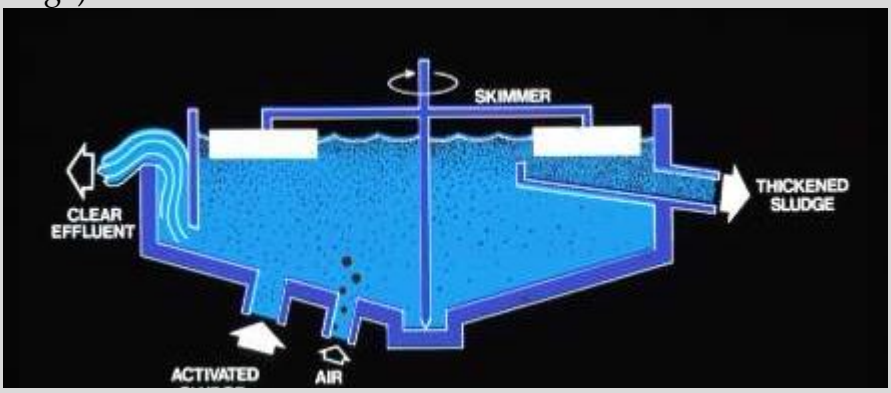


This graph represents the average daily flow into the treatment plant as well as the average daily flow discharged into the Kinnickinnic River. The design flow for the Treatment plant is 1.8 million gallons per day (MGD).

WWTP Facts

Diffused Air Flotation Thickener (DAFT)

Bio-Solids (Sludge) produced at the River Falls Facility is thickened using a Daft thickener. It thickens 0.8% solids up to 3% without polymer. It can produce up to 6% solids with polymer. The higher the percent solids the lower the hauling costs. This sludge is hauled to West Central Bio-Solids Facility where it is further dewatered to 22% solids (Class B Sludge). Lime is added to sterilize the sludge (Class A Sludge). It is now a fertilizer or soil conditioner.



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