

Lewiston-Auburn Water Pollution Control Authority

Annual Treatment Plant Performance Summary

2017

CMR 2/5/2018

Month	Flow Data			Biochemical Oxygen Demand (5 day)			Total Suspended Solids			Violations, Invalids, Bypass Information				
	mon ave (total flow)	max day (Infl byp Q)	min day (sec byp Q)	mon ave	max day	min day	% removal	mon ave	max day	min day	% removal	Violations	Invalids	Bypass
Jan	10.0	18.2	6.5	9.2	18.0	6.5	95	5.5	15.2	1.3	97	0	0	0
Feb	9.2	20.6	6.5	9.3	12.8	6.2	96	7.1	14.0	2.8	97	0	0	0
Mar	11.2	18.1	7.8	11.0	17.4	6.5	93	7.8	13.0	4.4	94	0	0	0
Apr	17.1	27.4	10.9	9.4	18.6	5.9	90*	7.9	10.4	2.0	93*	0	2	0
May	11.6	20.2	8.2	9.0	14.5	6.1	93	8.2	19.0	3.6	94	0	2	0
June	8.5	14.2	6.8	11.1	17.2	8.1	94	8.3	13.0	4.4	96	0	2	0
July	7.0	11.5	5.3	10.3	15.5	6.7	95	8.5	22.0	1.6	96	0	1	0
Aug	6.1	12.6	5.0	10.4	17.0	4.1	95	8.8	35.0	2.4	96	0	0	0
Sept	6.4	13.2	4.9	9.3	17.5	3.9	97	6.0	11.5	2.0	98	0	0	0
Oct	7.4	21.0	3.6	11.5	37.5	5.9	95	8.6	22.7	4.0	98	0	3	0
Nov	7.7	11.2	6.2	10.5	17.3	6.5	94	9.5	18.6	3.6	95	0	0	0
Dec	6.9	11.1	5.5	12.0	18.7	6.1	94	8.1	12.0	3.2	96	0	0	0
Averages	9.1	16.6	6.4	10.3	18.5	6.0	94.6	7.9	17.2	2.9	96.1	0.0	0.0	0.0
Totals	3314.2	26.7	0.0										10	

Notes: flow units are million gallons per day, total volumes are million gallons. BOD and TSS units are mg/L. CSO shows the number of bypass events when a portion of the influent flow was diverted directly to the Androscoggin via Structure B. In October our flow meter on the structure B outfall failed, flow shown is as estimated from the SWMM model developed for the Clean Water Master Plan. The 26.7 million gallons bypassed represents 0.8% of the total flow treated.