Strict Anti-Deg Method

TSS

$(Q_{discharge} \times C_{discharge}) + (Q_{upstream} \times C_{upstream}) = (Q_{total} \times C_{total})$

$Q_{discharge}$	10	GPM	Average discharge flow (from cell B6 in sheet discharge)
$C_{discharge}$		mg/L	Discharge concentration (factor being solved for)
$Q_{upstream}$	94.25	GPM	Upstream flow (harmonic mean flow from StreamStats)
$C_{upstream}$	7.9	mg/L	Upstream concentration (mean TSS concentration, from cell N16 in sheet US)
Q_{total}	104.25	GPM	Combined downstream flow ($Q_{discharge} + Q_{upstream}$)
C_{total}	11.5	mg/L	TSS concentration, from cell N24 in sheet US)

Calculation Result (LTA):	45.43
Resulting Monthly Average:	78.14
Resulting Daily Maximum:	156.28
Reesulting Instantaneous Maximum:	195.35