

Tube Floc Example of Analysis Alum Dose Experiment

Example of Graphs

Figure 1 and 2 are graphs from the experimental setup with an influent turbidity around 100 NTU, flocculator length of 2796 cm, flow rate of 5 mL/s, and an alum dosage ranging from 20 to 55 mg/L. Figure 1 represents the residual turbidity graph plotting the resulting turbidity from flocs with velocities lower than 0.12 mm/s. Figure 2 is the fitted gamma PDF graph showing the probability distribution of particle population with respect to Vs. (See [experiment](#) conducted on October 20, 2009 for more details on this experiment.)

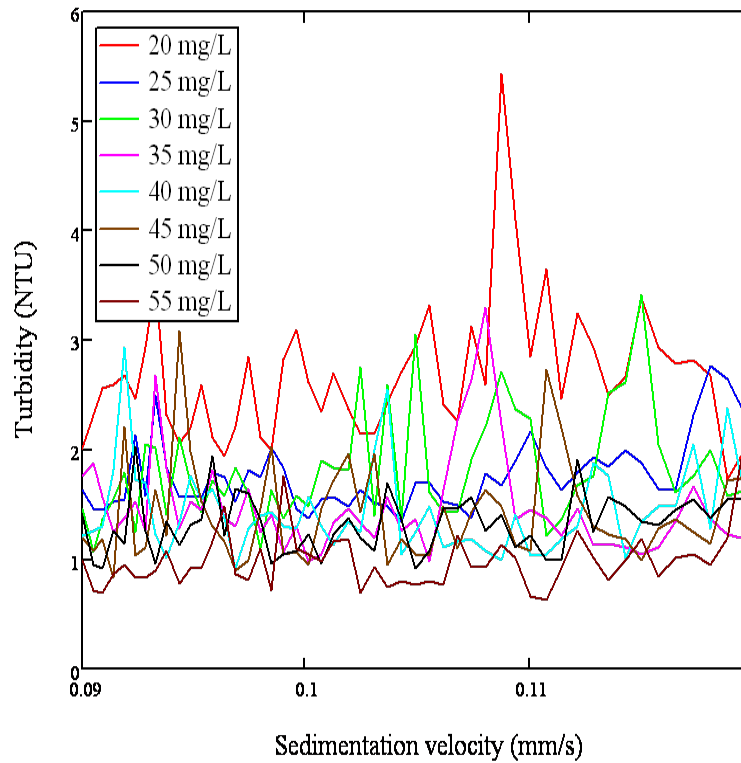


FIGURE 1: The graph plots the residual turbidity vs. sedimentation velocity for each Alum dose ranging 20 mg/L–55 mg/L

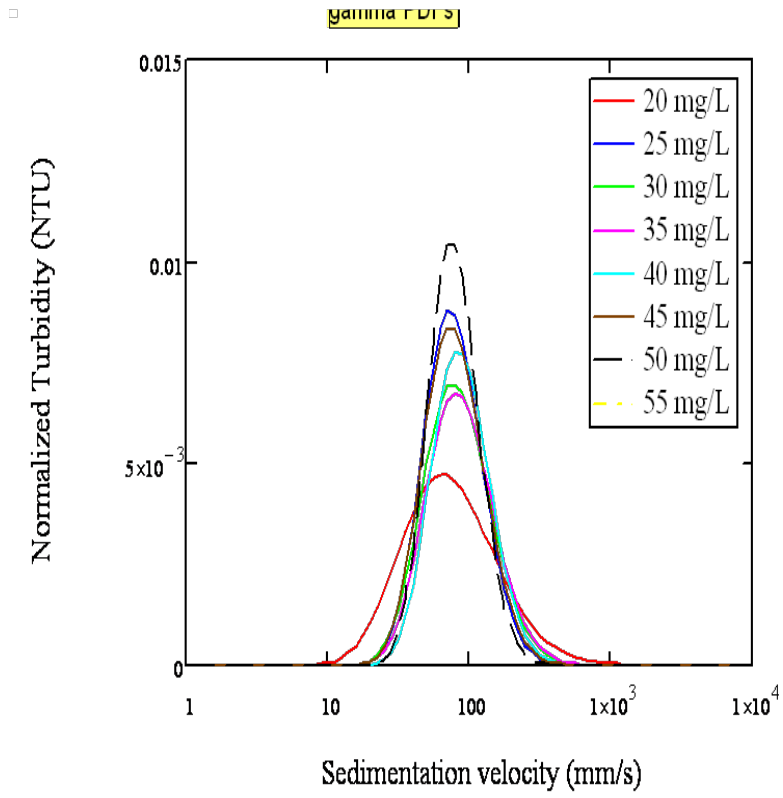


FIGURE 2: The graph plots normalized turbidity vs. sedimentation velocity for each Alum dose ranging 20 mg/L–55 mg/L