

**SLWLA Dam Committee Monthly Report Submitted: 2/17/21 Chair: Dan Lambert Month: February, 2021**

“McKim and Creed Engineering’s, bathymetric survey”

“Dam Engineer oversaw an inspection that was conducted by IWS divers”

“The diver observed a steep, near vertical area at the lower base area of the primary spillway intake structure (approx. 6’ vertical drop extending approx. 5’ east and west of the structure base).”

“it is our understanding that a Committee is considering a study by NC State University to investigate the effects of natural and motorized boat-generated waves around the lake. Since Lake Auman Dam was constructed in the early 1980’s (roughly 40 years ago), the dam has been subjected to more frequent waves with the increase in boat traffic on the lake. In addition to more boats, residents have observed larger waves which appear to be generated by wake boats that were not in existence when the dam was originally designed and constructed. Whether these larger boat generated waves will adversely affect Lake Auman Dam over extended years of service is unknown.”

IWS = In Water Services