

## **Update on the Non-Emergency Breach at the Columbia Lock and Dam**

Rock placement at Columbia Lock and Dam was completed on November 3, 2024. This placement includes the gravel added to the voids as well as the heavier rip-rap that was placed along the lock wall to create a seepage berm.

A charrette (a meeting in which all project stakeholders attempt to resolve the issue and determine possible solutions) was conducted by key Corps personnel during the period October 31-November 1, 2024 to discuss the interim repair success as well as future long term repair options. During this meeting, the group also discussed the potential risk of re-establishing normal pool levels while long term repairs are pursued.

An aerial photo of the Columbia Lock and Dam indicating the location of the non-emergency breach.



Structural models are being ran to determine the safety factor of the lock wall with different pool elevations with the interim repairs in place. The results of these models should be known at some point mid-late next week.

Based on these models, recommendations will be made by the charrette team and the Dam Safety Officer to the Vicksburg District Commander who will make the decision on pool levels as well as any potential navigation restrictions.

ORVA will continue to monitor the situation and provide information as it becomes available to stakeholders and customers on this very important issue.