

BLACK WARRIOR/TOMBIGBEE RIVER: DEMOPOLIS LOCK – UPPER MITER SILL FAILURE – 26 MARCH 2024

25 March 2024 condition update:

Last week, the District Fleet redeployed for concrete placement. The M/V TENN-TOM and floating crane SAM-2301 are in the chamber to assist in assembling and placing concrete formwork. M/V LAWSON and IRWIN along with floating cranes CHOCTAWHATCHEE and DAVIS are upstream for support.

Drilling for tie in dowels and anchors has been completed. Epoxying and pull-off tests will be ongoing for the week.

Concrete formwork is being assembled in the lay down yard and on barge SAM-1601 in the chamber. Formwork and rebar will be installed in the coming weeks.

Major concrete mix test scheduled on 3 April to verify design calculations, placement testing and plant delivery process.

Anticipated lock return to service on 30 May.



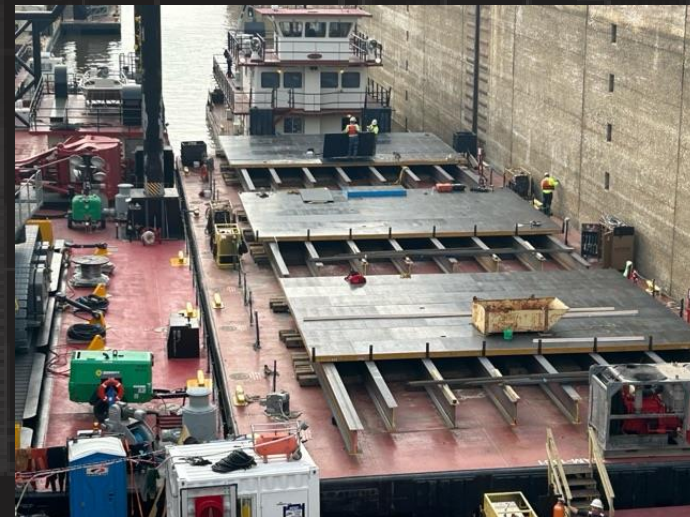
Flipping Assembled Concrete Formwork



Installed Dowels in Sill Face



Installing Plywood on Flipped Formwork



Three Concrete Formwork Assemblies



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DEMOPOLIS LOCK – UPPER MITER SILL FAILURE – SUPPORT

- Parker Towing – assistance with closing lower miter gates
- TVA – assistance with originally setting upper stoplogs
- TTWW – assistance with rearranging stoplogs and debris removal
- McKinney Salvage & Heavy Lift, Inc. – assistance with removal of large debris



Parker Towing Barges & Towboats



TVA Setting Upper Stoplogs



TTWW & BWT Fleet



McKinney Salvage Debris Removal



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BLACK WARRIOR/TOMBIGBEE RIVER: DEMOPOLIS LOCK – UPPER MITER SILL FAILURE - 16 JAN 2024

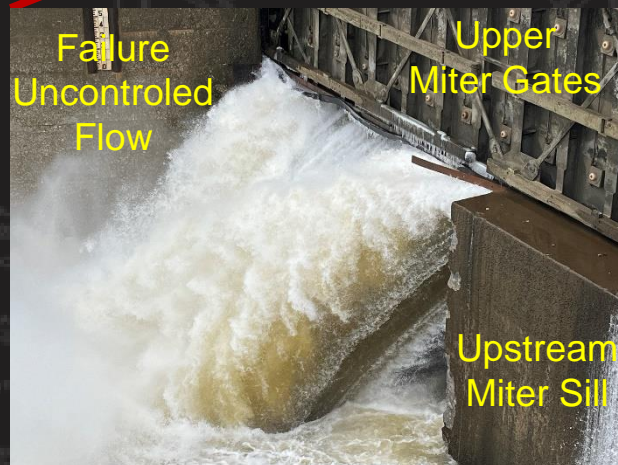
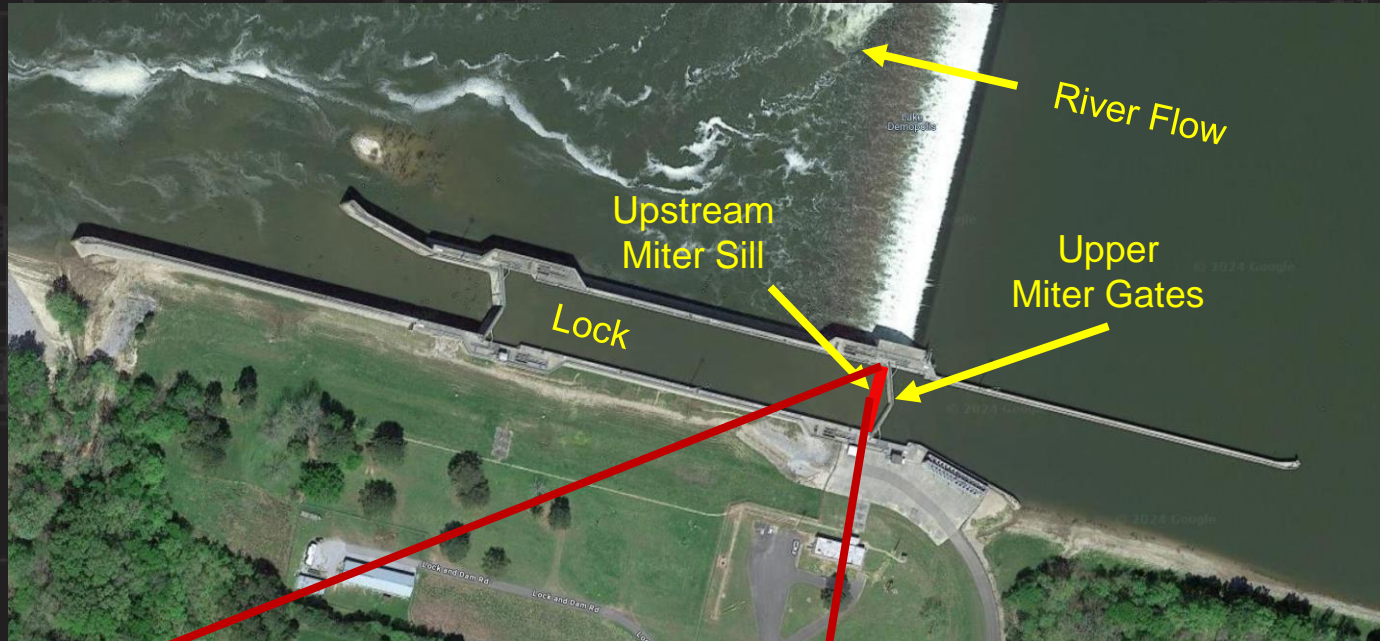
16 January 2024 Incident:

At 0600 the on-duty lock operator heard a loud noise and while investigating noticed water flowing under the upper miter gate. The concrete that comprises the upper miter sill fractured, allowing water to pass under the gate. The lower lock gates were open at time of the incident.

Project contacted District personnel to start planning courses of action. Notice to Mariners are being issued to update users.

Current operations are to close the lower miter gates to allow the pool to equalize and set the upper stoplogs to get the lock chamber under control. Operation will take place 19-21 January. Engineering and Operations are continuing to analyze the extent of damages and are working other courses of action to stop the flow and get the lock under control.

At this time, the extent of damages have not been determined. Once the lock is dewatered damage assessment and repair plans can be developed. No accurate estimate for closure duration is available at this time. This schedule will be refined once a full assessment of the damages can be performed.



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