

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

16 April 2024 condition update:

The first concrete placement took place on 11 April. The placement was successful, and instrumentation has indicated the mixture is curing satisfactorily.

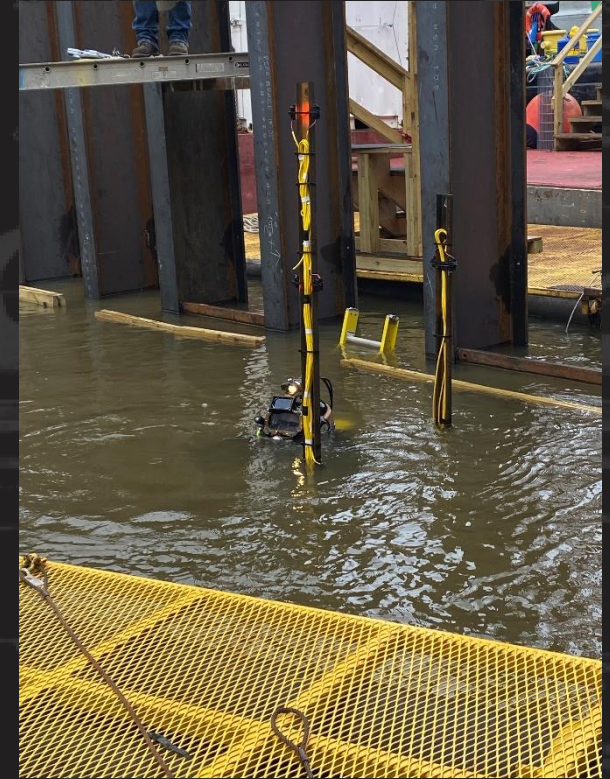
Mobile District is awaiting the delivery of bulkheads to install in the formwork before the next placement begins. Next placement is scheduled for 19 April.



Concrete Placement on first monolith



Concrete Placement on second monolith



Diver ensuring proper placement



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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
- McKinney Salvage & Heavy Lift, Inc. – assistance with removal of large debris
- Cemex/ReadyMix – providing concrete from local batch plants in Demopolis
- TTWW Project – providing fleet assets to assist with repairs and construction



Parker Towing Barges & Towboats



TVA Setting Upper Stoplogs



McKinney Salvage Debris Removal



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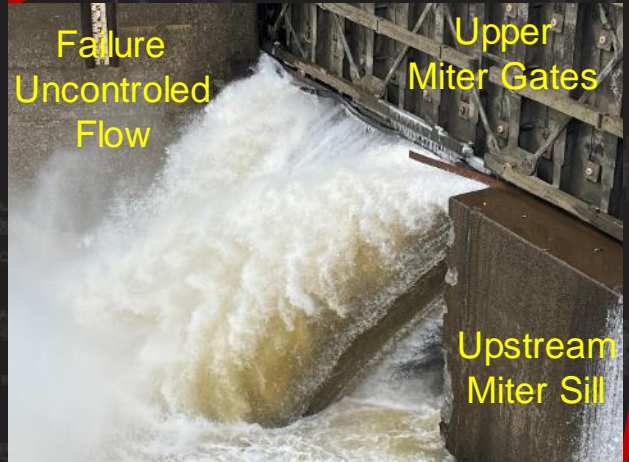
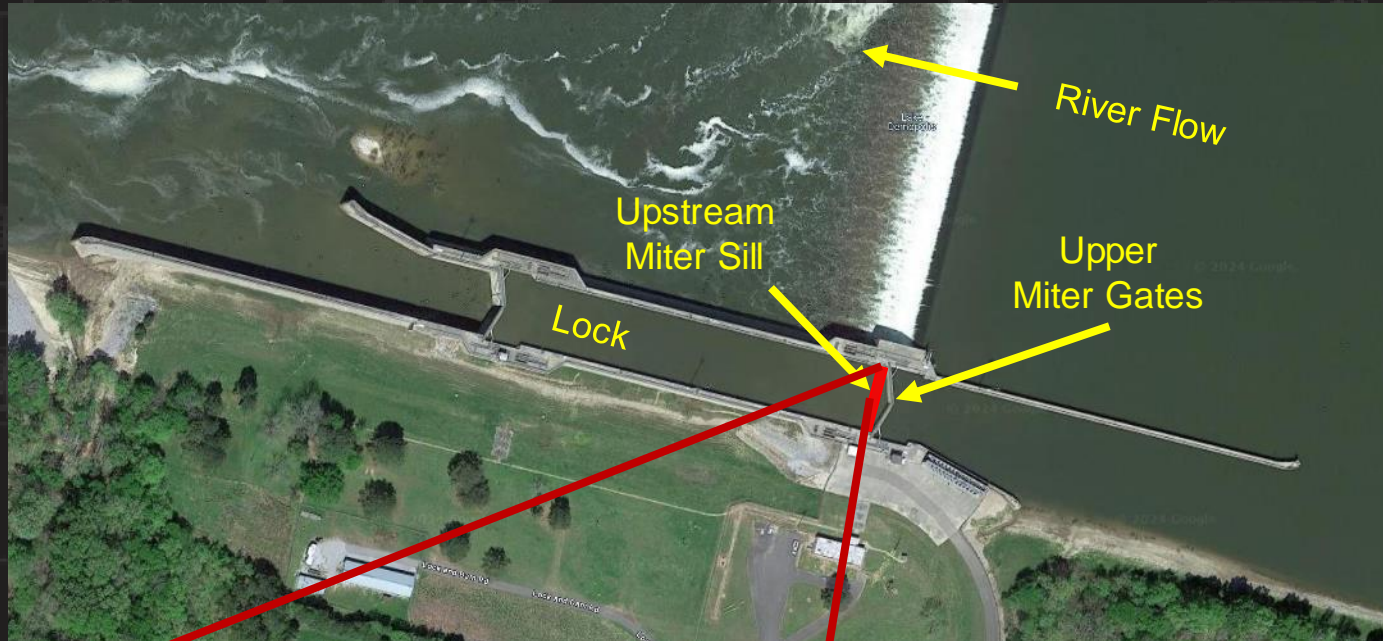
BLACK WARRIOR/TOMBIGBEE RIVER: DEMOPOLIS LOCK – UPPER MITER SILL FAILURE - 16 JAN 2024

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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