

R. C. BYRD LOCKS & DAM

Main Lock Dewatering

Presented by: Scott Kinzel

Mechanical Engineer

Huntington District

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US Army Corps of Engineers
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R.C. Byrd Locks & Dam



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- LOCATION: Ohio River, 279.2 miles below Pittsburgh, PA, and 9 miles below the City of Gallipolis, OH. Replaced locks and dams Nos. 24, 25 & 26 on Ohio River and Nos. 9, 10 and 11 on the Kanawha River.
- LOCKS : Two new parallel locks, main lock 110' by 1200', auxiliary lock 110' by 600', miter service gates. Locks were activated on January 30, 1993.
- DAM: Non-navigable, high-lift, gated dam, top length of gated section 1,132'. Eight roller gates, clear span 125'-6 between 16-foot piers, damming height of 29'- 6' above sills.
- COST: Lock Replacement \$244,550,000; Dam Rehabilitation \$ 46,700,000; Fish Hatchery Mitigation \$ 13,800,000



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Pintle Casting



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Gap in Pintle Casting
where it attaches to
Miter Gate



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Cracks in Pintle Casting



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Cracks in Pintle Casting



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Cracks in Pintle Casting



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Miter Blocks, Quoin Blocks and Wall
Quoins in poor condition



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Miter Block Showing Material Loss



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Cracks in heel area of gate



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Questions?



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