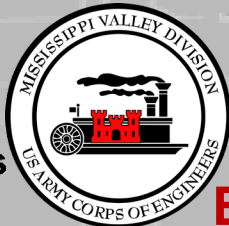


NATIONAL WATERWAYS CONFERENCE

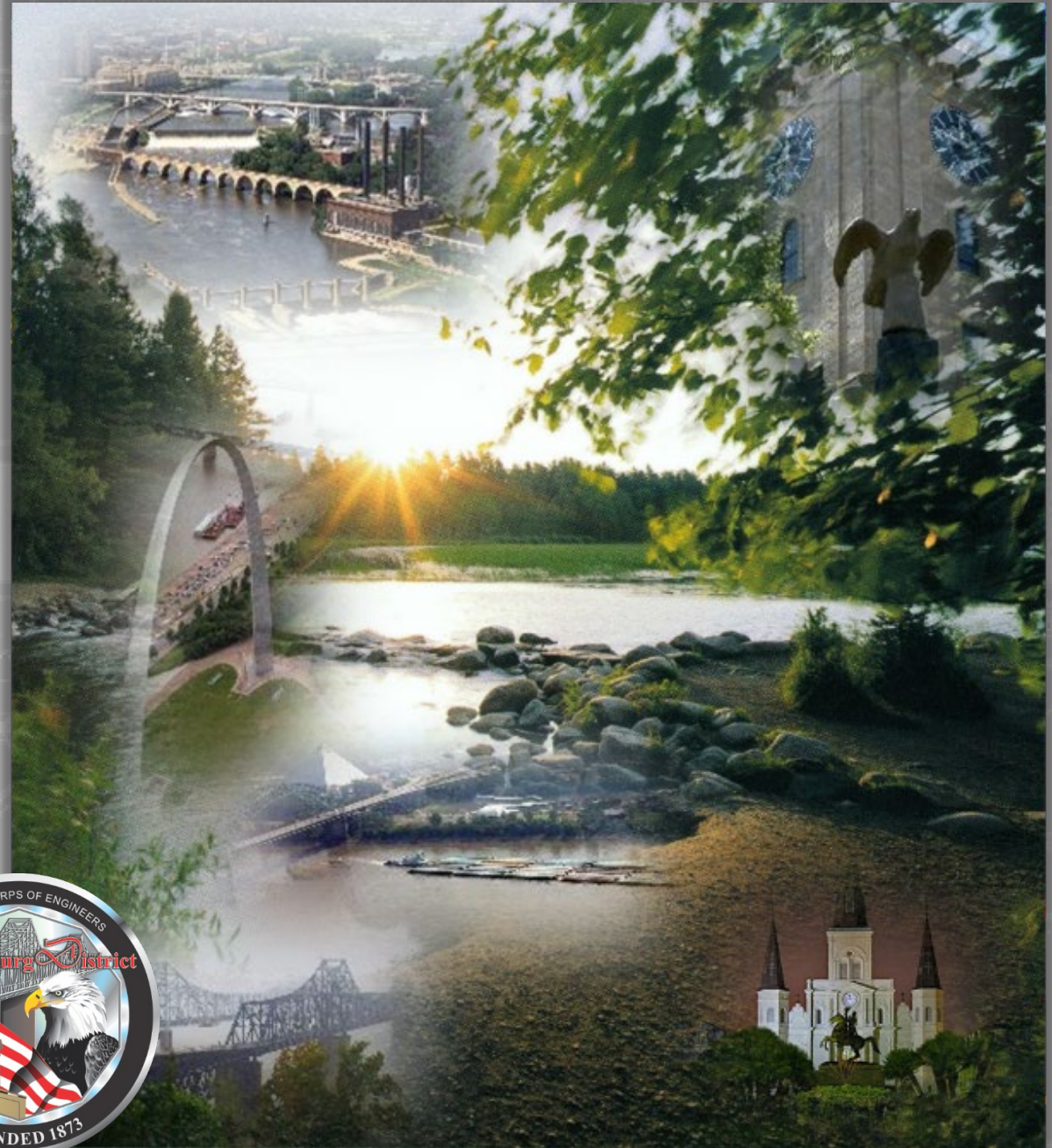
Col. Robert A. Hilliard
Commander, Vicksburg District



US Army Corps
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BUILDING STRONG®
and Taking Care of People!





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What We Do

The Mississippi River & Tributaries Project
Protects People, Infrastructure, Commerce, Agriculture, and Energy



*Economic profile of the Lower Mississippi River, Final Report Feb. 2014 (Industrial Economics Inc.).

*Data sources include the latest available data from the National Levee Database for Levees and Leveed Areas and Infrastructure Data from FEMA HSIPGOLD 2015.



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Columbia Lock and Dam Repairs

sand boil 2018

- Drilled over 225 holes (mostly underwater) through the concrete structure for grouting and tremie concrete placement
- Found voids from less than a foot to as much as 12 feet deep below the structure
- Injected over 18,500 cf of grout and over 665 cy of tremie concrete into voids
(equivalent of 170 truckloads of concrete and grout)
- Repaired a 2000 SF area of the lock floor using 227 CY of tremie concrete

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JOHN H. OVERTON LOCK AND DAM DEWATERING

Background

- Located at mile 74.3 on the Red River
- Built in 1987
- Provides a 9-ft by 200-ft wide navigation channel extending over 230 miles.

Overton is scheduled for a 60-day closure beginning Sept 8 for inspections and minor maintenance



The Effects of Sustained High Water and Flooding



Damage from the 2019 Flood



pump damage



erosion/sliding



levee surfacing



repair sites



revetment scouring



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