

U.S. Army Corps of Engineers Wood River Levee

The **Wood River Levee** is an urban levee located in the Mississippi River flood plain in Madison County.

The levee system was **authorized to withstand a flood at 54 feet on the St. Louis gage**. The levee currently does not provide the authorized level of protection.

The levee experienced uncontrolled underseepage during the Flood of 1993. **Failure of this levee** would produce tremendous **economic loss and create an enormous environmental disaster** as it protects more than 20,000 people in 5 towns, 12,700 acres of bottomland and a high concentration of industry including a large oil refinery.

Rehabilitation work on the Wood River Levee includes:

- Rehabilitation of 21 miles of levee
- Replacing 163 of 170 existing relief wells
- Installing 60 new relief wells
- Rehab of existing pump stations and gate structures

The project also includes **8,300 feet of levee** that is adjacent to the Federally-constructed Melvin Price Locks and Dam.

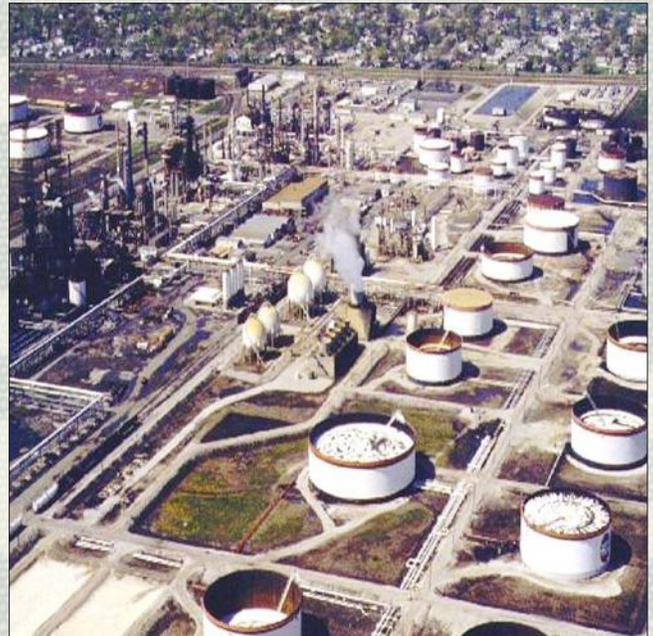
Since 2008, more than **\$40.2 million** has been invested in the Wood River Levee project by the Corps of Engineers and our local sponsors.

Current Activities

- Completing design on two slurry trench cutoff walls
 - ◆ Upper Wood River
 - ◆ Lower Wood River
- Completing construction on 17 new relief wells

Future work on Wood River Levee will address design deficiencies in underseepage controls, including:

- Construction of seepage berms
- Installation of three new pump stations
- Construction of two slurry trench cutoff walls



Heavy industry protected by the levee.



Construction work on the Wood River Levee.



**US Army Corps
of Engineers**®
St. Louis District

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