

# U.S. Army Corps of Engineers — Metro East Sanitary District —

The Metro East Sanitary District levee system is located in St. Clair and Madison Counties, Ill., and protects many communities including Edwardsville, Granite City, Pontoon Beach, East St. Louis and Cahokia.

The levee was authorized to a height equal to 54 feet on the St. Louis gage.

The levee did not perform satisfactorily during the flood of 1993. Sand boils developed along the levee, indicative of significant underseepage problems. The system is aged and requires rehabilitation, reconstruction and underseepage correction.

**As of Fiscal Year 2013, more than \$44,000,000 has been invested in the Metro East Sanitary District levees by the federal government.**

## **Completed reconstruction work on the Metro East Sanitary District includes:**

- 21 small gravity drains
- 10 large gravity drains (gatewells)
- 20 closure structures
- 294 relief wells
- Minor floodwall and levee rehabilitation work
- Rehabilitation of 12 pumping stations and 3 drainage control structures
- Replacement of 3 bridge structures
- Removal of 4 bridge structures
- 6 segments of channel rehabilitation

## **Future work consists of:**

- 305 new relief wells
- Grouting 312 wood stave relief wells
- Ditching and pipe collector systems
- A seepage pump station
- A lift station
- Seepage berms, cutoff walls, riverside clay blanket
- Environmental and archeological mitigation work



***Above: Subsurface investigation at floodwall near Eads Bridge. Below: Heavy industry protected by the levee.***



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of Engineers®**  
St. Louis District

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