

PL84-99 June 2008 Flood Repairs



30 Breaches = \$42.8M



**25 Pumps/7 Stations = \$9.96M
Temp. Pumping = \$10.6M**

**TOTAL REPAIRS
= \$88.6M**



**Wave Wash @ 25
districts = \$25.19M**



BUILDING STRONG®

PL84-99 Status of Breach Repairs

30 total MVR breaches = \$42.8M repair cost
Nearly 1 million cu yds of dredged sand!

Repairs complete

Green Island (1 of 1)

Dec 08

Two Rivers (2 of 2)

IaR Temp Aug 08, MR Nov 08,
IA Rvr Permanent setback Dec 09

Henderson 1 & 2 (2 of 2)

Dec 08

Union Township (5 of 5)

Dec 08

Gregory (8 of 8)

Mar 09

Miss/Fox (5 of 5)

Jan 09

Hunt/Lima (2 of 2)

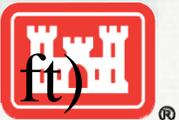
Mar 09

Indian Grave (3 of 3)

Mar 09

Louisa #11 (.75 of 2)

Dec 09 partial LOP (23ft)
Mar 10 increase LOP (26.5 ft)
Apr 2010 complete



BUILDING STRONG®

PL84-99 Status of Pump Repairs

24 pumps + 7 stations = \$9.96M repair cost

Temp Pumping @ 5 stations = \$10.6M cost

| | <u>Pumps</u> | <u>Capacity</u> | <u>Completion</u> |
|-----------------------|--------------|-----------------|-------------------|
| Two Rivers | 4 | 100% | Feb 2010 |
| Henderson #2 | 3 | 100% | Feb 2010 |
| Union Township | 3 | 64% | Mar 2010 |
| Gregory | 3 | 100% | Aug 2009 |
| Hunt | 3 | 100% | Mar 2010 |
| Lima | 5 | 100% | Jun 2009 |
| Indian Grave | 3 | 100% | Jan 2010 |



BUILDING STRONG®

PL84-99 Status of Wave-Wash Repairs

26 districts = \$25.19M repair cost

Completed: Green Island, Two Rivers, Miss-Fox, South River, Waterloo, Marshalltown, DesMoines, Evansdale, Ottumwa, Canton, Cascade, Elkader

In Progress: Bay Island, Henderson #1 & #2, Hunt, Lima, Indian Grave, Fabius, Green Bay, Louisa #11, Union Township, Burlington, Spoon River

Pending: Sny, Keokuk



BUILDING STRONG®