

# CASE STUDY



## WAHNETA ELEMENTARY SCHOOL WATER PIPING RESTORED

### WATER PIPES IN NEED OF ATTENTION

Over 500 students attend Wahneta Elementary in the Polk County School District. The school had been suffering with rusty water and low pressure in their old water piping for many years and something had to be done. Replacing all the old piping would mean tearing up walls and floors. Instead, Polk County School Officials once again chose the neater, cleaner, and cost-effective ePIPE® System from Florida Pipe-Lining Solutions. Holder of 12 Patents, the unique ACE DuraFlo ePIPE® barrier coating system restores potable water piping to a like-new condition without the destruction, mess, and disruption to facilities that happens with costly re-piping.

### THE FIX FROM Florida Pipe-Lining Solutions AND ePIPE

FPS Project Engineers surveyed the water piping at Wahneta Elementary and planned a complete ePIPE® restoration of all the galvanized and copper potable water piping on the campus. As the restoration of the water piping commenced, the FPS Technicians shut off and drained the water system, then dried the inside of the piping with heated air. Using compressed air and sand, they cleaned and removed years of rusty scale from the inside of the old piping. After the cleaning, they installed the ePIPE® epoxy barrier coating to the inside of the water piping. The ePIPE® barrier coating provides a durable porcelain like finish and prevents rust and leaks in the future. Following the short curing period, FPS technicians installed the new shut-off valves and new supply lines to all fixtures. The newly restored piping was then put back on line and the entire system was pressure tested and returned to service.

### SATISFACTION AT WAHNETA ELEMENTARY

Since the interior of their piping was now smooth and rust free, the cycle of corrosion was broken. In just over 6 weeks, the decades old water piping was brought back to life while saving them thousands of dollars over re-piping and is warranted against leaks.



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