



Corporate Office: Post Office Box 4474, Reading, PA 19606
(610) 582-6060 • (800) 356-9023 • FAX (610) 582-6064

Infiltration Case Study

The following is a case study showing the significant reduction in treatment costs when leaks in manhole are repaired. There have been certain assumptions made in order to complete this study: (1) One manhole leaking 10 gpm. (2) Treatment costs are estimated at \$1.75/1000 gallons.

ONE MANHOLE LEAKING AT A RATE OF 10GPM

10 gpm x 60 minutes = 600 gph

600 gph x 24 hours = 14,400 gpd

TREATMENT COSTS

\$1.75/1000 gals. x 14,400 gpd = \$25.20 cost/day to treat infiltration from 10 gpm leak

\$25.20/day x 365 days = \$9,198.00 cost/year to treat infiltration from 10 gpm leak

SUMMARY:

Estimated cost to repair = \$100.00 to \$500.00

ANNUAL SAVINGS = \$8,698.00 to \$9,098.00