

ATTENTION:
WASTEWATER FACILITY OWNERS & MANAGERS
I/I SURVEY RESULTS

The following is a summary of the results of the CET I/I Survey that was distributed earlier this year. CET thanks you for taking the time to provide this information. If you have any questions or comments about these survey results, please contact Ray Myers at 1-800-643-8260 or e-mail rhmyers@cet-inc.com. We received a total of 40 survey responses. Not all questions were answered in the responses.

I/I SURVEY RESULTS

1. In 1999, what was your annual average wastewater flow in your entire system?

0 to 0.5 mgd	10
0.5 to 1 mgd	1
1 to 5 mgd	18
5 to 10 mgd	4
>10 mgd	3
No Response	4

2. What is the operating budget of your system in 2000?

<\$500,000	11
\$500,000 to \$1,000,000	9
\$1,000,000 to \$2,000,000	7
\$2,000,000 to \$3,000,000	4
>\$3,000,000	5
No Response	4

3. Do you have a combined system (**3**) or a separate system (**37**)?

4. How many miles of public sewer are in your system?

0 to 10 miles	4
10 to 50 miles	16
50 to 100 miles	6
100 to 200 miles	7
>200 miles	5
No Response	2

5. Percent of municipalities with corrective action plans to eliminate a current hydraulic overload? **35%**

6. Percent of those polled with I/I removal programs:
85%

7. What is your 2000 budget for I/I reduction?

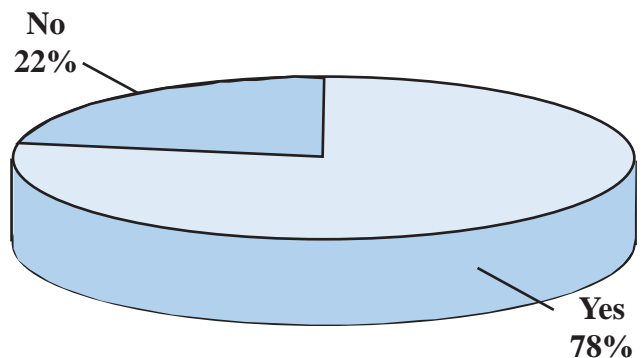
\$210,000 average
\$0 min
\$3,000,000 max

8. How much do you plan to spend on I/I reduction over the next 5 years?

\$805,000 average
\$0 min

9. Does the municipality address I/I from private laterals or building sewers?

Address Private Laterals/Building Sewers



10. Does the municipality finance rehabilitation/repairs to private pipe?

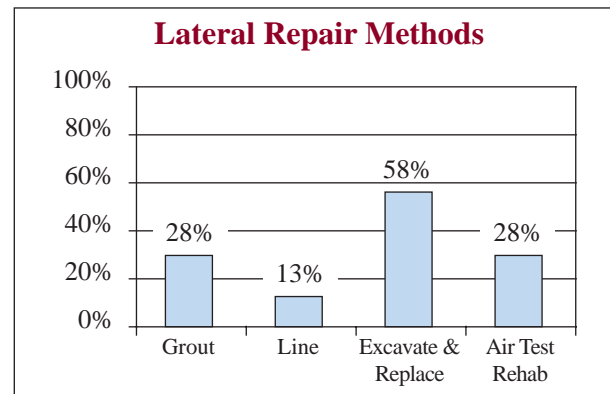
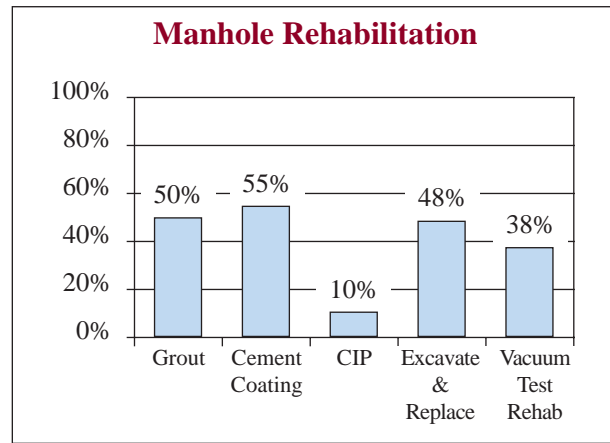
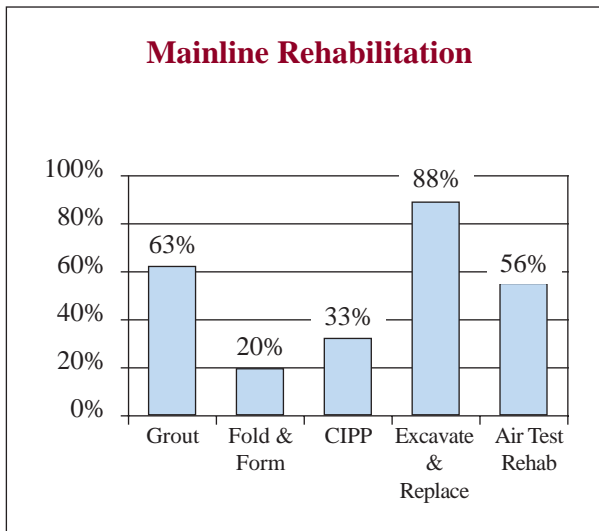
Service Laterals (curb to main): **63% yes**

Building Sewers (curb to house): **8% yes**

10a. Seventy-two percent (**72%**) of the municipalities pay for 100% of the service lateral repairs and **28%** require property owner to finance the repair.

10b. Six percent (**6%**) of the municipalities pay for 100% of the building sewer repairs and **94%** require property owner to finance repair.

11. Methods used for eliminating infiltration / inflow from sewer system and is acceptance testing of rehabilitation/repair performed?



12a. Does municipality perform rehabilitation using minibasins which are drainage basins with less than 20,000 feet of pipe?
40% yes.

12b. Does municipality perform rehabilitation based on repairing known leaks?
68% yes.

Essentially, there was no correlation between the size, capacity, operating budget, etc. of a system and whether, or not, that system had a corrective action plan or ongoing I/I removal program!

Look for a future issue of  to provide more information concerning infiltration and inflow problems and solutions.

If there are any subjects that you would like to see surveyed in the future, please do not hesitate to contact CET Engineering Services



CET Engineering Services is a full-service environmental engineering firm and is dedicated to providing practical, cost effective services from planning through operation. For more information on CET Engineering Services, please call or e-mail us, or visit us at www.cet-inc.com.