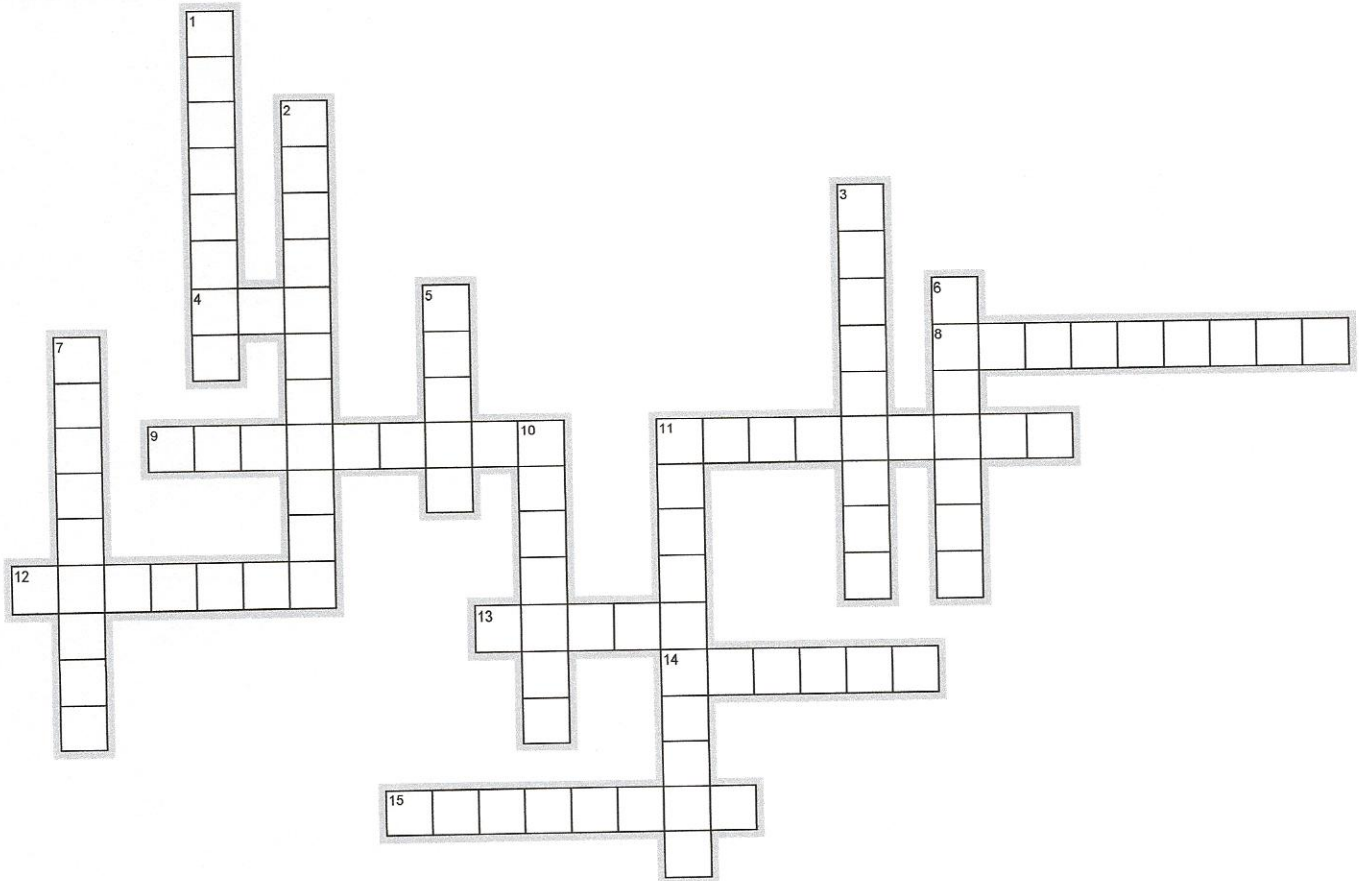


# Collection Crossword - III

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EclipseCrossword.com

## Across

4. Water lubrication is \_ typical of a "submersible" pump.
8. A flood would be considered a natural event, however, this would not.
9. Enclosed, open and semi-closed are terms used for the designation and selection of this.
11. If a pump outputs 625 GPM against a TDH of 211 feet, and the pump is 71% efficient, what is the brake HP if the fluid being pumped has a specific gravity of 1.12? Round up.
12. If a repair job can be done by 7 people in 8.5 hours, how long will it take 4 people to do a similar job in hours? Round up.
13. How many minutes in an hour.
14. When opening a power rodder properly, make sure all teh \_ is out of a broken rod.
15.  $(D2) \times 0.785 \times D$  is the formula for what shape

## Down

1. This and volatile solvents are objectionable when present in a sewer because they can cause an explosion hazard.
2. Calculate the water horsepower if the pump it operates provides 1,475 gpm against 125 feet TDH.
3. When trench shoring these facotrs must be considered: structures and sources of \_.
5. This type of connection is least likely to be performed by collection system personnel.
6. This type of meter measures quantity of fluid by the difference in pressure between a constricted and full-size portion.
7. Biological hazards in collection systems include this.
10. Aluminum hydraulic is a type of this.
11. If a sewer must have a flow rate of 27 MGD with a velocity between 1.50 ft/sec and 2.75 ft/sec, the minimum size pipe is this if inches.