GEO-AQUEDUCT MODULE:

Water quality analysis section

The water quality analysis section of the Geo-Aqueduct module is a tool that allows users to determine water quality by the production of rinsing sequences in an aqueduct network.

The module shows a graphic view of a rinsing sequence by it's sequence number or with the identifier of the conduit to be rinsed.

Sequence # : 173
Street(s): Robinson Sud - Cowie

Closed valves: 768, 764, 763, 742, 746, 740, 745.
Opened valves:
Fire hydrant: 675
Diameter(s) of rinsed conduits: 10" and 10"

Pipe flow rate: 611.50 Gpm Imp
Recovered flow rate:
Minimum time required: 14.10 minutes
Duration:
Commentaries:

Hour:
Date:
Group leader:
Closed valves (for the following operation):

A report is produced containing some information on the pipe flow and a map indicating the rinsed conduits, closed conduits, and the fire hydrant where the flow occurs in a pressure pipe.

Characteristics of the module

The application provides the following information on each rinsing sequence:

- Sequence number
- Identifier of the rinsed conduit(s)
- Identifier of the fire hydrant where the rinsing will occur
- Identifier for conduits:
  - ⇒ to be closed;
  - ⇒ to keep closed;
  - ⇒ to be kept closed;
  - ⇒ to be opened after the sequence.
- Minimum flow rate in a pressure pipe
- Minimum duration required in the pipe
- Preliminary sequence
- Shows an image representing the sequence

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