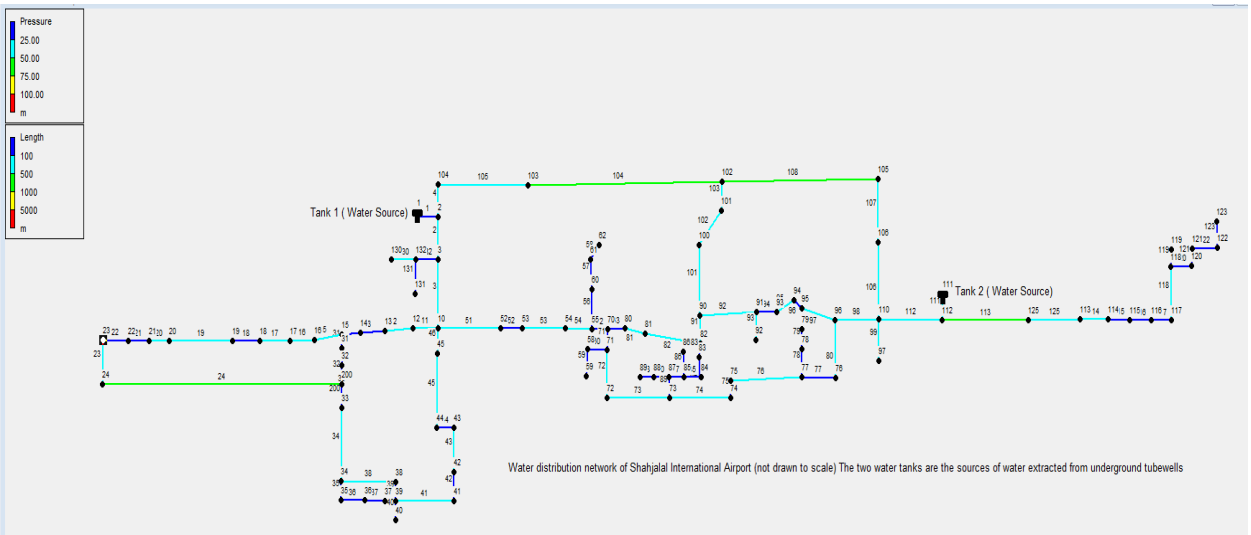
Discussion:

EPANET is free and open-source software which is used for modeling and analyzing a water distribution system. EPANET software used to analyze water distribution network of Shahjalal International Airport. The two water tanks are the sources of water extracted from underground tube wells. The software successfully ran analysis after receiving all necessary node data, pipe data, and other parameters. There are no errors after running the system in software, such as negative pressure, head, elevation and so on.



The flow of the pipe is also normal. The simulation is carried out for each hour of the day. All tabular information for all nodes and links for each hour of the day is attached above. Every detail information of all nodes and links for each hour is mentioned in the tabular data, which provides us with all specific data for the water distribution system. EPANET assists in interpreting the results of a network analysis by providing various data reporting and visualization tools, such as color-coded network maps, data tables, reaction, calibration, time series graphs, and profile and contour plots. Finally, the water distribution network analysis seemed to be successful with the assistance of EPANET, and the system is normal and functional with few errors.