ABSTRACT

Well water distribution system needs a fast and accurate system so the servicing activity will always keep up with the development dynamically. Therefore, planned an information system of water distribution network of PDAM Intan Banjar which is computer-based. Method that used in this planning is by managing data of customer, data of images, and distribution network of PDAM Intan Banjar which then obtain network design of integrated geographic information system between tabular and spatial data. Results that obtained from this planning is Information System of Network Analysis of PDAM Intan Banjar is able to visualize the location of customer and distribution pipeline, process (replace, add, and delete) the data network, analyze the condition of hydraulic and search customer out so could increase the work efficiency and effectiveness of employee of PDAM Intan Banjar.

Keywords: PDAM Intan Banjar, Distribution System, Information System