ABSTRACT

In this end duty, done scheme the application of web GIS to know the condition of waterways and the location of water sources clean Cimahi City. And to fulfill the requirement, hence required the application of web GIS providing facilitys giving amenity to all consumer. Result from the application of web GIS this identification of waterways and location clean water that is giving amenity to consumer in looking for information of condition of waterways and the location of water sources clean at the same time region map Cimahi City swiftly through internet media. Software required to build the application of web GIS this identification of waterways and location clean water source web-based Cimahi City is Mapserver. And design appearance web that more draws, hence applied software Macromedia Dreamweaver 8.

Geographic Information Systems in the design of this identification of waterways and location clean water source web-based Cimahi City, data collection methods used were observation and interviews, the method of approach used is a structured approach method, the method of system development using the waterfall model. Tools for analysis and design includes flowmap, context diagrams, data flow diagram of a relation table, entity relationship diagrams and data dictionary.

Results from this study is a Geographical Information System identification of waterways and location clean water source web-based Cimahi City is expected to help performance Cimahi City Government to manage the data path.

Keywords: Geographic Information System, waterways and location clean water, Cimahi City.