

ABSTRACT

River is one of the water source that important for the people who lived in DKI Jakarta province, because it functions as drink water source, water recreation, fishery, animal husbandry, or irrigation. Therefore its important to know degree of pollution thats happen, so we know is that still in natural limit or not and how to management of quality . If river can't use again, where is the highest degree of pollution so we can more easy to handle it.

This research use that problem, that is concern of water quality management and water pollution control specially river in DKI Jakarta province. In water pollution management that happen because industrial or housing, government make a decision about standard water that must be reached by each of river based on class the river. This system will help in processing and evaluating data by compare the result with standard rule of that river to get water status quality. Then make a recomendation to handle it. Water status quality result by use STORET method to get evaluation for each year and Pollution Index method to get evaluation for each sample, that is 3 times for a year. The result of evaluation will report in table, grafic and map location to show or do research to get the highest degree of pollution.

This aplication hoped can help user in management river pollution.

Keywords : water standar quality, water status quality, STORET method, Pollution Index method, recomendation, map location