Sir/Madam

The criteria for calculating Water Quality Index (WQI) is illustrated below -

a) WQI is a single defining criteria as satisfactory or unsatisfactory.

b) The proposed WQI will consider four water quality parameters (Dissolved Oxygen, Biological Oxygen Demand, Faecal Coliform & Total Coliform counts) for which Water Quality Criteria is prescribed.

c) Based on the measured ambient concentrations and corresponding criteria, water quality will be defined as satisfactory or unsatisfactory.

d) The criteria for each parameter is as follows -

i) Dissolved oxygen - < 4.0 mg/l

ii) Biological Oxygen Demand - > 3.0 mg/l

iii) Faecal Coliform - > 2500 MPN/ 100 ml

iv) Total Coliform - > 5000 MPN/ 100 ml

e) Even one single parameter from these four parameters exceeding the criteria values will considered as unsatisfactory.

Regards,

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ScB
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