
Question 25 (5 marks)

What is the relationship between dissolved oxygen and biochemical oxygen demand and why is it important to monitor both in natural ways?

5

Dissolved Oxygen is very different to biochemical oxygen as dissolved oxygen often contains impurities that take a lot of time and energy to remove. However biochemical oxygen is a pure form of oxygen produced by photosynthesis in flora. Their relationship together is as biochemical oxygen increases, so does dissolved oxygen.

As it is difficult to monitor both without expensive machinery and costs it is important to monitor the oxygen in natural ways as this oxygen relationship is easily disruptable leading to an excess in either dissolved or biochemical oxygen.