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농업용저수지의 수질변화에 미치는 영향인자의 규명

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The water quality of 3 agricultural reservoirs, Idong, Gosam and Singal, was surveyed at varying depths for a whole year (2003 May ~ 2004 April). The annual average of COD_{Mn} in Idong and Gosam were 3.11 mg/L and 4.61 mg/L, respectively, which categorize the two reservoirs on the 3rd and 4th grade of water quality. On the other hand, Shingal's COD was the highest measured with 8.21 mg/L which classifies this reservoir to have a 5th grade of water quality. In all reservoir, it is easy to show the stratification from spring to summer and the turn over from late autumn, respectively. And this is one of the important impact parameter to the water quality of each reservoir and another one is the algae blooming.