

Emissions of Pollutants from Shrimp Farming In Yang Talat District Kalasin Province Thailand.

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- **Abstract:** Shrimp are economic animals of Thailand because they are available for domestic distribution and exported abroad. But the environmental impact of shrimp farming. It is pollutants, especially water pollution. For this reason, this study aims to study the emission of water pollutants from shrimp farming in Yang Talat district. Kalasin Province Thailand by monitoring the quality of wastewater from shrimp farming, both physically and chemically. Contains dissolved oxygen (DO), total nitrogen (TN), biochemical oxygen requirements (BOD5) and total suspended solids (TSS). Wastewater samples are collected from shrimp ponds every 1 month for 5 months. The results showed that the trend of releasing water pollution from shrimp farming increased in duration of shrimp farming statistically significantly. It was also found that the pH of wastewater from shrimp ponds exceeded the standards set by Thailand. This study will help raise environmental awareness among local shrimp farmers and governments that lead to a more sustainable agricultural system and environmental protection.
- **Keyword:** Domestic distribution, water pollution, Kalasin Province, Essentially, shrimp farming, sustainable agricultural,