

**“IMPLEMENTASI KEBIJAKAN PENGELOLAAN LIMBAH  
TAMBAK UDANG TERHADAP PENCEMARAN LINGKUNGAN” (Studi  
Kasus: Tambak Udang di Sergang Desa Tanjung.Harapan Kecamatan  
Singkep)**

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**ABSTRAK**

Penelitian ini bertujuan untuk menganalisis implementasi kebijakan pelarangan pembuangan limbah tambak udang tanpa pengolahan di Kecamatan Singkep, Kabupaten Lingga, serta mengidentifikasi respons masyarakat dan pelaku usaha terhadap kebijakan tersebut. Penelitian ini dilatarbelakangi oleh masih ditemukannya tambak udang yang beroperasi tanpa Instalasi Pengolahan Air Limbah (IPAL) standar, sehingga berpotensi mencemari perairan pesisir. Penelitian menggunakan pendekatan kualitatif dengan metode studi kasus. Data diperoleh melalui wawancara, observasi, dan dokumentasi, kemudian dianalisis menggunakan perangkat lunak NVivo 14 berdasarkan teori implementasi kebijakan Cheema dan Rondinelli (1983). Hasil penelitian menunjukkan bahwa implementasi kebijakan pengelolaan limbah tambak udang telah dilaksanakan oleh Pemerintah Kabupaten Lingga, namun belum berjalan optimal. Pelaksanaan kebijakan didukung oleh adanya sosialisasi izin dan aturan IPAL kepada pengelola tambak, pengawasan lapangan, serta komitmen pemerintah desa dalam membatasi izin operasional tambak non-IPAL. Meskipun demikian, implementasi masih menghadapi hambatan, seperti minimnya sosialisasi kepada nelayan dan masyarakat pesisir, tingginya biaya pembangunan IPAL bagi petambak skala kecil, keterbatasan personel pengawas, serta koordinasi antarinstansi yang masih reaktif. Kondisi ini memicu kekhawatiran masyarakat terhadap penurunan kualitas lingkungan laut. Penelitian ini menyimpulkan bahwa implementasi kebijakan pengelolaan limbah tambak udang di Kecamatan Singkep belum sepenuhnya efektif berdasarkan empat dimensi Cheema dan Rondinelli. Diperlukan penguatan sosialisasi inklusif, pendampingan teknis dan insentif IPAL, serta pengawasan berkala secara terpadu agar pelestarian ekosistem pesisir dapat tercapai secara lebih optimal.

**Kata Kunci:** Implementasi Kebijakan, Pengelolaan Limbah, Tambak Udang, Pencemaran Lingkungan, Cheema dan Rondinelli.

***Implementation of Shrimp Farm Waste Management Policy on  
Environmental Pollution (Case Study: Shrimp Ponds in Sergang, Tanjung  
Harapan Village, Singkep District)***

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**ABSTRACT**

This study aims to analyze the implementation of the policy prohibiting untreated shrimp farm waste discharge in Singkep District, Lingga Regency, and to identify the responses of the community and business actors toward the policy. The research is prompted by shrimp farms operating without standardized Wastewater Treatment Plants (WWTP/IPAL), which potential to pollute coastal waters. This study employed a qualitative approach with a case study method. Data were collected through interviews, observation, and documentation, then analyzed using NVivo 14 software based on Cheema and Rondinelli's (1983) policy implementation theory. The findings reveal that the implementation of the shrimp farm waste management policy has been carried out by the Lingga Regency Government, but it is not yet running optimally. Policy execution is supported by outreach on licensing and WWTP rules to farm operators, field monitoring, and village government commitment in restricting operational permits for non-WWTP farms. Nevertheless, implementation faces obstacles, such as minimal socialization to local fishermen and coastal communities, high WWTP construction costs for smallholders, limited inspection personnel, and reactive inter-agency coordination. This situation sparks concern among local residents regarding marine environment degradation. This study concludes that the policy implementation in Singkep District is not fully effective based on Cheema and Rondinelli's four dimensions. Enhancing inclusive socialization, providing technical assistance and WWTP incentives, and strengthening integrated periodic monitoring are necessary to achieve optimal coastal ecosystem protection.

**Keywords:** *Policy Implementation, Waste Management, Shrimp Farm, Environmental Pollution, Cheema and Rondinelli*