

ABSTRAK

Nanda Ilmi Khoirun Nisa

EVALUASI SISTEM PENGELOLAAN SAMPAH TPS DI WILAYAH
KECAMATAN SUKOLILO KOTA SURABAYA

1 × + 92 Halaman + 10 Tabel + 5 Lampiran

Penelitian ini dilatarbelakangi oleh permasalahan pengelolaan sampah di Indonesia, terutama di Kota Surabaya dengan volume sampah yang dihasilkan per hari sebesar 1,805.57 ton/hari atau 659,033.63 ton/tahun. Penelitian ini bertujuan untuk mengevaluasi sistem pengelolaan sampah di Tempat Pembuangan Sementara (TPS) Kecamatan Sukolilo, dengan fokus pada aspek pengelolaan, lokasi, dan dampak terhadap masyarakat.

Metode penelitian yang digunakan adalah deskriptif kualitatif, dengan pengumpulan data melalui wawancara, observasi, dan pengukuran berat sampah di delapan TPS yang ada di Kecamatan Sukolilo, Kota Surabaya. Variabel dalam penelitian ini mencakup kegiatan pemilahan/pewadahan, pengumpulan, pengangkutan, pengolahan, dan pemrosesan akhir sampah. Data dikumpulkan menggunakan lembar observasi dan wawancara.

Hasil penelitian menunjukkan bahwa dari delapan TPS yang diteliti timbulan sampah di TPS pada wilayah Kecamatan Sukolilo, diketahui bahwa TPS ITS memiliki rata-rata timbulan sampah harian tertinggi, yaitu sebesar 14.448 kg per hari. TPS Asrama Brimob Nginden menunjukkan angka timbulan sampah harian terendah, dengan rata-rata sebesar 422 kg per hari. Pengelolaan sampah di Tempat Penampungan Sementara (TPS) wilayah Kecamatan Sukolilo, pada tahap pengolahan diketahui tidak memenuhi syarat dikarenakan minimnya infrastruktur dan fasilitas teknis, seperti alat pengomposan, sistem daur ulang, dan pengelolaan limbah B3, membuat proses pengolahan tidak berjalan.

Kesimpulan dari penelitian ini menunjukkan bahwa sistem pengelolaan sampah yang ada di wilayah Kecamatan Sukolilo Kota Surabaya tidak memenuhi syarat pada tahap pengolahan yang sesuai dengan aturan pada Undang – Undang No. 18 Tahun 2008 dan SNI 19-2954-2002. Berdasarkan hasil tersebut, disarankan perlunya perbaikan menyeluruh pada aspek pengolahan guna meningkatkan efektivitas dan kepatuhan terhadap regulasi yang berlaku.

Kata Kunci : Sampah, Pengelolaan, Tempat Pembuangan Sementara.

Daftar Bacaan : 7 Buku (2007-2025)

32 Jurnal (2021-2025)

ABSTRACT

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EVALUATION OF THE TPS WASTE MANAGEMENT SYSTEM IN THE SUKOLILO SUB-DISTRICT AREA OF SURABAYA CITY

1 × + 92 Pages + 10 Tables + 5 Appendices

This study was motivated by the waste management issue in Indonesia, particularly in the city of Surabaya, which produced approximately 1,805.57 tons of waste per day or 659,033.63 tons per year. The study aimed to evaluate the waste management system at the Temporary Waste Storage Sites in Sukolilo District, focusing on aspects of management, location, and the impact on the surrounding community.

The research applied a descriptive qualitative method, with data collected through interviews, field observations, and measurements of waste weight at eight Temporary Waste Storage locations in Sukolilo District, Surabaya City. The variables examined included activities related to waste sorting/containment, collection, transportation, processing, and final disposal.

The results of the study showed that of the eight Temporary Waste Storage examined, the Temporary Waste Storage in the Sukolilo District had the highest average daily waste generation, which was 14,448 kg per day. Meanwhile, the Temporary Waste Storage at the Nginden Mobile Brigade Dormitory recorded the lowest daily waste generation, with an average of 422 kg per day. Waste management at the temporary waste collection sites Temporary Waste Storage in the Sukolilo sub-district, during the processing stage, was found to have been inadequate due to insufficient infrastructure and technical facilities, such as composting equipment, recycling systems, and hazardous waste handling tools. As a result, the processing activities did not function properly..

The conclusion of the study indicated that the existing waste management system in the Sukolilo District of Surabaya City did not meet the requirements for the processing stage, as stipulated in Law No. 18 of 2008 and SNI 19-2954-2002. Based on these findings, it was recommended that comprehensive improvements be carried out in the processing aspect to enhance its effectiveness and ensure compliance with the applicable regulations.

Keywords : Waste, Management, Temporary Disposal Sites.

Reading List : 7 books (2007-2025)

32 Journals (2021-2025)