

**PROGRAM STUDI S1 KESEHATAN MASYARAKAT
FAKULTAS KESEHATAN DAN INFORMATIKA
INSTITUT KESEHATAN PAYUNG NEGERI PEKANBARU**

Penelitian, Agustus 2026

Septriani

**Analisis Sanitasi Lingkungan Asrama Pondok Pesantren Hidayatullah
Kelurahan Tanjung Uncang Kecamatan Batu Aji Kota Batam Tahun 2026**

xii + 57 Halaman + 7 tabel + 9 lampiran

ABSTRAK

Sanitasi lingkungan merupakan salah satu aspek penting dalam menjaga kesehatan penghuni pondok pesantren. Penelitian ini bertujuan untuk menganalisis kondisi sanitasi lingkungan Asrama Pondok Pesantren Hidayatullah Kelurahan Tanjung Uncang Kecamatan Batu Aji Kota Batam Tahun 2026 yang meliputi penyediaan air bersih, kondisi jamban, saluran pembuangan air limbah (SPAL), pengelolaan sampah, dan kebersihan lingkungan. Penelitian ini menggunakan pendekatan kualitatif dengan desain deskriptif. Data diperoleh melalui observasi, wawancara semi-terstruktur, dan dokumentasi. Hasil penelitian menunjukkan bahwa air bersih tersedia dan secara fisik tidak berwarna, tidak berbau, dan tidak berasa, namun pemeriksaan kualitas air secara berkala belum dilakukan. Dari 19 jamban, sebanyak 15 jamban berfungsi dengan baik dan 4 jamban mengalami kerusakan. SPAL menggunakan sistem perpipaan tertutup dan SPAL komunal. Pengelolaan sampah dilakukan secara rutin melalui pengangkutan ke TPS kampus, tetapi tempat sampah belum seluruhnya memiliki penutup dan belum terdapat pemisahan sampah. Kebersihan lingkungan dijaga melalui kegiatan piket rutin oleh santri pada pagi dan sore hari. Kesimpulannya, kondisi sanitasi lingkungan asrama secara umum cukup baik, tetapi masih diperlukan perbaikan jamban yang rusak, pemeliharaan SPAL, penutupan tempat sampah, serta penerapan pemilahan sampah.

Kata kunci : sanitasi lingkungan, air bersih, jamban, SPAL, pengelolaan sampah.

Daftar bacaan : 34 (2012-2025)

**BACHELOR'S DEGREE PROGRAM IN PUBLIC HEALTH
FACULTY OF HEALTH AND INFORMATION TECHNOLOGY
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Research, August 2026

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Analysis of Environmental Sanitation at the Hidayatullah Islamic Boarding School Dormitory in Tanjung Uncang Village, Batu Aji District, Batam City, in 2026

xii + 57 pages + 7 tables + 9 appendices

ABSTRACT

Environmental sanitation is one of the key aspects of maintaining the health of boarding school residents. This study aims to analyze the environmental sanitation conditions at the Hidayatullah Islamic Boarding School dormitory in Tanjung Uncang Village, Batu Aji Subdistrict, Batam City in 2026, covering clean water supply, toilet conditions, wastewater drainage systems (SPAL), waste management, and environmental cleanliness. This study employs a qualitative approach with a descriptive design. Data were collected through observation, semi-structured interviews, and documentation. The results indicate that clean water is available and is physically colorless, odorless, and tasteless; however, periodic water quality testing has not yet been conducted. Of the 19 toilets, 15 functioned properly, and 4 were damaged. The sewage system utilized a closed piping system and a communal sewage system. Waste management was carried out routinely through transportation to the campus waste transfer station (TPS); however, not all trash bins were equipped with lids, and waste separation was not yet implemented. Environmental cleanliness was maintained through routine cleanup duties performed by the students in the morning and evening. In conclusion, the overall sanitation conditions in the dormitory are generally good; however, repairs to damaged toilets, maintenance of the wastewater treatment system, the installation of lids on trash bins, and the implementation of waste sorting are still needed.

Keywords : environmental sanitation, clean water, latrines, SPAL, waste management.

References : 34 (2012-2025)