

SUMMARY

PENATAAN DAN PENGELOLAAN LIMBAH CAIR PADA KAWASAN TEPI SUNGAI KAHAYAN DI PALANGKARAYA

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Keyword : : Limbah Cair Domestik ; Kawasan Pasang Surut ; Kawasan Tergenang

Description :

Di Kota Palangkaraya terdapat 2 (dua) kecamatan, yaitu Kecamatan Bukitbatu dan Kecamatan Pahandut. Kecamatan Pahandut terletak di Kota Palangkaraya bagian selatan, dan terletak di tepi Sungai Kahayan. Pada wilayah ini terdapat 2 (dua) kawasan yang menjadi lokasi penelitian, yaitu kawasan pasang surut dan kawasan tergenang. Kedua kawasan tersebut bermasalah dalam penanganan limbah cair domestik. Dimana limbah cair dan rumah tangga termasuk tinja langsung dibuang ke badan air (Sungai Kahayan).

Penelitian ini bertujuan untuk mencari solusi yang tepat bagi penanganan masalah limbah cair domestik di Kawasan Pahandut, khususnya pada kawasan pasang surut dan kawasan tergenang. Permasalahan limbah cair yang dibahas dalam penelitian ini meliputi semua limbah cair rumah tangga yang berasal dari mandi, masak, cuci, dan limbah tinja dari WC. Hasil dari penelitian ini menunjukkan bahwa untuk menangani masalah limbah cair di Kawasan Pahandut dapat dipakai tangki septik komunal dengan sistem terpusat atau off site sistem communal.

Description Alt:

In Palangkaraya there are two subdistrict, i.e. Bukitbatu and Pahandut. Subdistrict of Pahandut lies in southern Palangkaraya, and lies in edge of Kahayan river. In this area, there are two regions which become reseach locations, i.e. dried area and flooded area. Those two areas have problems in management of domestic liquid waste where liquid waste from domestic and faeces are directly disposed to the water body of Kahayan river.

This research aims to find right solution for the management of domestic liquid waste in Pahandut area, especially in the dried area and flooded area. The liquid waste discussed in this research consist of every domestic liquid waste from bath, cook, dish, and human waste from WC.

The result showed that to manage the liquid waste in Pahandut area, we can use management alternatives. For the dried and flooded area we can offer to the septic tank by off-site communal system

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Thank You,

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