

POLITEKNIK KESEHATAN TANJUNG KARANG
JURUSAN KESEHATAN LINGKUNGAN

Laporan Tugas Akhir , April 2020

RIA AGUS LILIANA UNYI

**GAMBARAN PENGOLAHAN LIMBAH CAIR DI RSIA BELLEZA KEDATON
KOTA BANDAR LAMPUNG TAHUN 2020**

xv + 49 Halaman, 7 Tabel, 3 Lampiran

RINGKASAN

Limbah cair pada umumnya mengandung kontaminan tertentu yang mengakibatkan air limbah tidak dapat dimanfaatkan secara langsung dan apabila di buang kesungai atau badan air lainnya, akan mengakibatkan kualitas sungai menurun sampai ketingkat tertentu hingga akhirnya tercemar.

Tujuan penelitian mengetahui sumber limbah cair, mengetahui sistem pengaliran limbah cair dan mengetahui kualitas limbah cair RSIA Belleza Kedaton Bandar Lampung Tahun 2020.

Penelitian ini bersifat deskriptif, yaitu menggambarkan proses pengolahan limbah cair di RSIA Belleza Kedaton Bandar Lampung Tahun 2020. Penelitian dilakukan pada bulan maret 2020, objek pada penelitian ini yaitu sumber, pengolahan, kontuksi IPAL (Instalasi Pengolahan Limbah Cair) di RSIA Belleza Kedaton Bandar Lampung Tahun 2020.

Berdasarkan hasil yang diperoleh gambaran pengolaha limbah cair, mulai dari sumber limbah yang sesuai masuk ke IPAL, konstruksi Instalasi Pengolahan Air Limbah secara keseluruhan sudah baik, pengolahan dengan menggunakan sistim biofilter aerob dan anaerob.

Sistim pengolahan biofilter terdapat lima bak yaitu bak penampung, bak aerob, bak anaerob, bak klorinasi, bak pembuangan akhir.

Kata kunci : Pengolahan Limbah Cair, Rumah Sakit, Konstruksi IPAL

Daftar Bacaan : 1987-2019

POLYTECHNIC OF HEALTH TANJUNG KARANG DEPARTMENT OF ENVIRONMENTAL HEALTH

Final Assignment Report, April 2020

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DESCRIPTION OF LIQUID WASTE PROCESSING IN RSIA BELLEZA KEDATON KOTA BANDAR LAMPUNG IN 2020

xv + 49 pages, 7 tables, and 3 attachments

SUMMARY

Liquid waste generally contains certain contaminants which cause the waste water cannot be used directly and if it is discharged into rivers or other bodies of water, it will cause the river quality to decline to a certain level until finally polluted.

The purpose of this research is to know the source of liquid waste, to know the system of liquid waste disposal and to know the quality of liquid waste in RSIA Belleza Kedaton Bandar Lampung in 2020.

This research is descriptive in nature, which is describing the process of wastewater treatment at Belleza Kedaton Hospital in Bandar Lampung in 2020. The study was conducted in March 2020, the object of this research is the source, processing, WWTP construction (Liquid Waste Treatment Installation) at Belleza Kedaton Hospital, Bandar Lampung 2020.

Based on the results obtained, the description of the processing of liquid waste is quite good, starting from the source of waste according to the WWTP, the construction of the Waste Water Treatment Plant as a whole is good, processing using the aerobic and anaerobic biofilter systems, There are five biofilter treatment systems, such as storage tanks, aerobic tanks, anaerobic tanks, chlorination tanks, final disposal tanks.

Keywords : Wastewater Treatment, Hospital, WWTP construction

reading list : 1987-2019

