

DAFTAR PUSTAKA

- Ajiputra, F. A. (2022). *Kombinasi Green Coagulant dan Adsorben GAC (Granular Activated Carbon) Sebagai Pengolahan Limbah Cair Batik*. 4. <https://medium.com/@arifwicaksanaa/pengertian-use-case-a7e576e1b6bf>
- Atima, W. (2015). BOD dan COD Sebagai Parameter Pencemar Air dan Baku Mutu Air Limbah. *Jurnal Biology Science and Education*, 2(2), 159–169.
- Badan Standarisasi Nasional. (2008). Standar Nasional Indonesia 6774: 2008 Tentang Tata Cara Perencanaan Unit Paket Instalasi Pengolahan Air. *Bandung: BSN*, 24. <https://www.nawasis.org/portal/digilib/read/sni-6774-2008-tata-cara-perencanaan-unit-paket-instalasi-pengolahan-air/51431>
- Bahri, S., Setiawan, R., Hermawan, W., & Yuniar, M. (2014). Perkembangan Desain dan Kinerja Aerator Tipe Kincir. *Jurnal Keteknik Pertanian*, 2(1), 21685.
- Barwal, A., & Chaudhary, R. (2014). To study the performance of biocarriers in moving bed biofilm reactor (MBBR) technology and kinetics of biofilm for retrofitting the existing aerobic treatment systems: A review. *Reviews in Environmental Science and Biotechnology*, 13(3), 285–299. <https://doi.org/10.1007/s11157-014-9333-7>
- Batam, A. T. (2017). Modul Prasarana Air Baku, Air Minum, Sumber Air, Mata Air. *Perencanaan Air Baku Dari Mata Air*, 16, 1–20.
- Dewinda, I. (2022). Bangunan Pengolahan Air Minum Sumber Air Permukaan Sungai Buduran Kabupaten Sidoarjo. *Paper Knowledge . Toward a Media History of Documents*, 20, 12–26. <http://repository.upnjatim.ac.id/10138/>
- Effendi, H. (2003). *Telaah Kualitas Air : Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Kansius.
- Fadul, F. M. (2019). *Persyaratan Air Bersih*. 10–22.
- Hernaningsih, T. (2021). Daur Ulang Air Limbah Sebagai Kontribusi Sumber Air; Review. *Jurnal Rekayasa Lingkungan*, 14(2), 193–207. <https://ejurnal.bppt.go.id/index.php/JRL/article/view/5221>
- Ibrahim, B., Suptijah, P., & Alat, B. (2009). The Utilization of Chitosan on Fishery Industrial Wastewater Treatment. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 12(2), 154–166.
- Kader, A. M. A. (2009). Comparison Study between Sequencing Batch Reactor and Conventional Activated Sludge by using Simulation Mathematical Model. *Thirteenth International Water Technology Conference, December, 10*. http://www.iwtc.info/2009_pdf/8-3.pdf
- Lariyah, M. S., Mohiyaden, H. A., Hayder, G., Hussein, A., Basri, H., Sabri, A. F., & Noh, M. N. (2016). Application of Moving Bed Biofilm Reactor (MBBR) and Integrated Fixed Activated Sludge (IFAS) for Biological River

- Water Purification System: A Short Review. *IOP Conference Series: Earth and Environmental Science*, 32(1). <https://doi.org/10.1088/1755-1315/32/1/012005>
- Metcalf, & Eddy. (2014). *Wastewater Engineering Treatment and Resource Recovery Volume 2 Edisi Kelima*. MacGarw Hill.
- Pal, P. (2017). Chapter 6 - Industry-Specific Water Treatment: Case Studies,. 243–511. <https://doi.org/https://doi.org/10.1016/B978-0-12-810391-3.00006-0>.
- Peraturan Pemerintah Nomor 82 Tahun 2001. (2001). Pengolahan Kualitas Air dan Pengendalian Pencemaran Air. (p. 11).
- Permenkes No. 2 Tahun 2023. (2023). *Peraturan Pelaksanaan Peraturan Pemerintah Nomor 66 Tahun 2014 Tentang Kesehatan Lingkungan*. 151(2), 10–17.
- Qasim, S. R., & Zhu, G. (2017). Wastewater treatment and reuse: Theory and design examples VOL 1. In *CRC Press*.
file:///C:/Users/user/Downloads/Wastewater_Treatment_and_Reuse_Theory_an.pdf
- R.P, B., M.L, G., & A.J, K. (2013). Moving Bed Biofilm Reactor – A New Perspective in Wastewater Treatment. *IOSR Journal Of Environmental Science, Toxicology And Food Technology*, 6(6), 15–21.
<https://doi.org/10.9790/2402-0661521>
- Riani, S., Dewanti, A. N., & Prasaningtyas, A. (2020). Analisis Kebutuhan Air Baku Kecamatan Samboja Tahun 2020. *Ruang*, 6(2), 85–92.
<https://doi.org/10.14710/ruang.6.2.85-92>
- Rosadi, S. N. S., Mutiari, D., Yuliarahma, T., & Madania, A. A. (2021). Pemanfaatan Air Bekas Cuci Piring Sebagai Pengganti Air Bersih Untuk Penyiraman Tanaman Di Edupark Gemolong. *Simposium Nasional RAPI, 1*, 263–267. <https://proceedings.ums.ac.id/index.php/rapi/article/view/170>
- Safwat, S. M. (2019). Moving Bed Biofilm Reactors for Wastewater Treatment: A Review of Basic Concepts. *International Journal of Research Available, September*. <https://journals.pen2print.org/index.php/ijr/>
- Santos, A. D., Martins, R. C., Quinta-Ferreira, R. M., & M.Castro, L. (2020). *Moving Bed Biofilm Reactor (MBBR) for dairy wastewater*. <https://doi.org/https://doi.org/10.1016/j.egy.2020.11.158>
- Suheri, A., Kusmana, C., Purwanto, M. Y. J., & Setiawan, Y. (2019). Model Prediksi Kebutuhan Air Bersih Berdasarkan Jumlah Penduduk di Kawasan Perkotaan Sentul City. *Jurnal Teknik Sipil Dan Lingkungan*, 4(3), 207–218. <https://doi.org/10.29244/jsil.4.3.207-218>
- Suripin. (2002). *Pelestarian Sumber Daya Tanah dan Air*. Penerbit Andi.

- Ummah, M. F., & Herumurti, W. (2018). Pengeringan Lumpur Ipal Biologis Pada Unit Sludge Drying Bed (SDB). *Jurnal Purifikasi*, 18(1), 39–48.
- United States Environmental Protection Agency. (1999). Sequencing batch reactors. *Handbook of Environment and Waste Management: Air and Water Pollution Control*, 511–562. https://doi.org/10.1142/9789814327701_0014
- Wiharsa, I. A., Anwar, M. R., & Pudyono. (2016). *PERENCANAAN BANGUNAN RESERVOIR dan JARINGAN PIPA DISTRIBUSI AIR BERSIH di DESA RANDUGADING KECAMATAN TAJINAN MALANG*. 53(4), 130.
- Yettefti, I. K., Aboussabiq, F., Etahiri, S., Mountadar, M., & Assobhei, O. (2013). Performance Evaluation of Sand Filter for Tertiary Treatment of Secondary Effluent of Wastewater: Effect of Hydraulic Loading. *Phys. Chem. News*, 68(April), 106–113.
- Yuniarti, D. P., Komala, R., & Aziz, S. (2019). Pengaruh Proses Aerasi Terhadap Pengolahan Limbah Cair Pabrik Kelapa Sawit Di Ptpn Vii Secara Aerobik. *Teknik Lingkungan*, 4(2), 7–16. <https://doi.org/10.31851/redoks.v4i2.3504>
- Zulkarnain. (2023). EVALUASI JENIS PENGURAI TERHADAP BAU, SUHU dan KELEMBABAN KANDANG ITIK. *Skripsi. FAKULTAS PERTANIAN PETERNAKAN UNIVERSITAS MUHAMMADIYAH MALANG*, 1–23.