

## DAFTAR PUSTAKA

- Ali Masduqi, Abdu F. Assomadi. (2012). Operasi dan Proses Pengolahan Air. Surabaya: ITS Press.
- APHA. (2017). *Standard Methods for the Examination of Water and Wastewater*. American Public Health Association.
- Boyd, C. E. (2015). *Water Quality: An Introduction*. Springer.
- Chapman, D. (1996). *Water Quality Assessments: A Guide to the Use of Biota, Sediments, and Water in Environmental Monitoring*. CRC Press.
- Departemen Pemukiman dan Prasarana Wilayah. (2003). *Pedoman teknis pengelolaan air limbah domestik*. Jakarta: Departemen Pemukiman dan Prasarana Wilayah.
- Dimane, F., & El Hammoudani, Y. (2021). Assessment of quality and potential reuse of wastewater treated with conventional activated sludge. *Materials Today: Proceedings*, 45, 7742–7746. <https://doi.org/10.1016/j.matpr.2021.03.428>
- Hayashi, M. (2004). Temperature-electrical conductivity relation of water for environmental monitoring and geophysical data inversion. *Environmental Monitoring and Assessment*, 96(1–3), 119–128.
- Hem, J. D. (1985). *Study and Interpretation of the Chemical Characteristics of Natural Water*. U.S. Geological Survey Water-Supply Paper.
- Karami, N., Mohammadi, P., Zinatizadeh, A., Falahi, F., & Aghamohammadi, N. (2018). High rate treatment of hospital wastewater using activated sludge process induced by high-frequency ultrasound. *Ultrasonics Sonochemistry*, 46, 89–98. <https://doi.org/10.1016/j.ultsonch.2018.04.009>
- Kusumawati, E., Rofie, R., Budiman, F., & Setianto, R. (2024). Evaluasi Kinerja Operasi Unit Koagulasi Flokulasi Dalam Sistem Instalasi Pengolahan Air Limbah. *IX*(4), 10883–10889.
- Langmuir, D. (1997). *Aqueous Environmental Geochemistry*. Prentice Hall.
- McCleskey, R. B., Nordstrom, D. K., & Ryan, J. N. (2012). Comparison of electrical conductivity calculation methods for natural waters. *Applied Geochemistry*, 27(5), 1003–1010.

- Menteri Kesehatan Republik Indonesia. (2017). Peraturan Menteri Kesehatan Republik Indonesia Nomor 32 Tahun 2017 Tentang Standar Baku Mutu Kesehatan Lingkungan Dan Persyaratan Kesehatan Air Untuk Keperluan Higiene Sanitasi, Kolam Renang, Solus Per Aqua dan Pemandian Umum. Peraturan Menteri Kesehatan Republik Indonesia, 1–20.
- Kawamura, S. 2000. Intergrated Design and Operation of Water Treatment Facilities 2nd. New York: John Wiley and Sons, Inc.
- Metcalf and Eddy. 2003. “Waste Water Engineering Treatment Disposal Reuse”, 4th edition, McGraw-Hill, Inc., New York, St Fransisco, Auckland.
- Metcalf & Eddy. 2014. Wastewater Engineering : Treatment and Reuse (Fifth Edition) Volume 2. McGraw - Hill Companies , Inc.
- Metcalf and Eddy. 2004. Waste Water Engineering Treatment Disposal Reuse. 4<sup>th</sup> edition. McGraw-Hill, Inc. New York. St Fransisco,Auckland.
- Mixer, S. M. A. (n.d.). SATAKE PORTABLE MIXER Outstanding reliability and functionality based on Satake ' s long history and experiences .
- Muzakky, A., Karnaningroem, N., Razif, M., Lingkungan, J. T., & Teknik, F. (2016). 18049-43846-1-Pb. 5(2).
- Pemerintah Republik Indonesia. (2021). Peraturan Pemerintah Nomor 22 Tahun 2021 tentang Pedoman Perlindungan dan Pengelolaan Lingkungan Hidup. Sekretariat Negara Republik Indonesia, 1(078487A), 483. <http://www.jdih.setjen.kemendagri.go.id/>
- Peraturan Gubernur Jawa Timur No. 72 Tahun 2013, Baku Mutu Limbah Cair Bagi Industri atau Kegiatan Usaha Lainnya di Jawa Timur.
- Qasim, S.R. 1985. Waste Water Treatment Plant Planning, Design and Operation.Holt Rinchart and Winston.
- Rhoades, J. D., Kandiah, A., & Mashali, A. M. (1999). *The Use of Saline Waters for Crop Production*. FAO Irrigation and Drainage Paper.
- Rusydi, A. F., Suherman, D., & Sumawijaya, N. (2017). Pengolahan Air Limbah Tekstil Melalui Proses Koagulasi-Flokulasi dengan Menggunakan Lempung Sebagai Penyumbang Partikel Tersuspensi. Arena Tekstil, 31(2), 105–114.
- Saritha, V., Srinivas, N., & Srikanth Vuppala, N. V. (2017). Analysis and

- optimization of coagulation and flocculation process. *Applied Water Science*, 7(1), 451–460. <https://doi.org/10.1007/s13201-014-0262-y>
- Sawyer, C. N., McCarty, P. L., & Parkin, G. F. (2003). *Chemistry for Environmental Engineering and Science*. McGraw-Hill.
- Stumm, W., & Morgan, J. J. (1996). *Aquatic Chemistry: Chemical Equilibria and Rates in Natural Waters*. Wiley-Interscience.
- Sugiharto. 1987. Dasar-dasar Pengolahan Air Limbah. UI-PRESS. Jakarta.
- Tchobanoglous, G., Stensel, H. D., Tsuchihashi, R., & Burton, F. L. (2014). *Wastewater Engineering: Treatment and Resource Recovery*. McGraw-Hill Education.
- Von Sperling, M. and Chernicharo. 2007. Biological Wastewater Treatment Series.IWA Publishing, Alliance House. London. UK.
- Wetzel, R. G. (2001). *Limnology: Lake and River Ecosystems*. Academic Press.
- WHO. (2011). *Guidelines for Drinking-water Quality*. World Health Organization.