

DAFTAR PUSTAKA

- Abdel-Shafy, Hussein & El-Khateeb, Mohamed & Shehata, M.Shehata. (2013). Greywater treatment using different designs of *Sand Filters*. *J. Desalin. Water Treat.*.. 1-6.
- Agency, U S Environmental Protection, National Risk, Land Remediation, and Pollution Control Division. 2011. “P Rinciples of Design and Operations o f Wastewater Treatment Pond Systems f or Plant Operators , Engineers , and Managers Principles of Design and Operations of Wastewater Treatment Pond Systems for Plant Operators , Engineers ,” no. August.
- Al-Amoudi, A, 2016. Nanofiltration membrane cleaning characterization. *Desalin. Water Treat.* 57 (1), 323–334.
- Alzahrani, S. & Mohammad, A.W. (2014) Challenges and trends in membrane technology implementation for produced water treatment: A review. *Journal of Water Process Engineering.* 4, 107-133.
- American Public Health Association, American Water Works Association, Water Environment Federation (1998). Stan- dard methods for the examination ofwater and wastewater (20th ed.). Washington, DC: APHA.
- Ang, W.L, Mohammad, A.W, Hilal, N, Leo, C.P, 2015. A review on the applicability of integrated/hybrid membrane processes in water treatment and desalination plants. *Desalination* 363, 2–18.
- Anggraini, Tuti, 2005. Evaluasi Kinerja WWTP #48 PT Badak NGL, Bontang
- Bellamy, William D. et al, "Slow sand filtration: Influences of selected process variables," *J. AWWA R&T* 62 (12/1985)
- Biyanto, Totok Ruki, Jurusan Teknik Fisika, and Fakultas Teknologi Industri. 2016. “Implementasi Air Implementation of Water Management.” *Integrasi Pengolahan Air Yang Terintegrasi Pada Green Building.*
- Brown, J., Benavides, P., Dahl, J., Head, E., Ip, K. and Rodriguez, A. (2000). Large- Scale Microfiltration: Results of the Phase I and Phase II Tests Air Quality and Special Projects Division Operations and Maintenance Department. March.
- Dalahmeh, Sahar. 2013. *Bark and Charcoal Filters for Greywater Treatment.*

- Dirjen Cipta Karya PUPR. 2013. "Materi Bidang Air Limbah I." *Kementerian PUPR*: 1–572.
- Fajri, Muhammad Nur, Yohanna Lili Handayani, and Sigit Sutikno. 2015. "Efektifitas *Rapid Sand Filter* Untuk Meningkatkan Kualitas Air Daerah Gambut Di Provinsi Riau." *Jom FTEKNIK* 4 (1): 1–9.
- Gottinger, Ann & McMardin, Dena & Price, Doug & Hanson, Bruce. (2011). The Effectiveness of Slow *Sand Filters* to Treat Canadian Rural Prairie Water. *Canadian Journal of Civil Engineering*. 38. 455-463. 10.1139/l11-018.
- Graaff, Marthe S. (2010). Resource recovery from *Black Water*.
- Gray, Nicholas F. 2013. *Filtration Methods. Microbiology of Waterborne Diseases: Microbiological Aspects and Risks: Second Edition*. Second Edi. Elsevier. <https://doi.org/10.1016/B978-0-12-415846-7.00035-4>.
- Guyer, J. Paul. (2010). An Introduction to Domestic Wastewater Treatment. California:
<https://www.cedengineering.com/upload/Intro%20to%20Dom%20Waste%20Treatment.pdf>.
- Jayawardane, N.S. 1996. *Handbook of Water and Wastewater Treatment Technology. Agriculture, Ecosystems & Environment*. Vol. 60. [https://doi.org/10.1016/s0167-8809\(97\)87011-9](https://doi.org/10.1016/s0167-8809(97)87011-9).
- Kamus Besar Bahasa Indonesia
- Keputusan Menteri Negara Lingkungan Hidup Nomor 112 Tahun 2003 tentang Baku Mutu Air Limbah Domestik
- Keputusan Gubernur Daerah Khusus Ibukota Jakarta Nomor 200 Tahun 2020 Tentang Standar Satuan Harga, Harga Satuan Pokok Kegiatan Analisis Standar Belanja Pada Aplikasi Budgeting Tahun Anggaran 2020
- Koivunen, Jari. 2007. *Effects of Conventional Treatment , Tertiary Treatment and Disinfection Processes on Hygienic and Physico-Chemical Quality of Municipal Wastewaters*.
- Krismayasari, D., & Sugito, S. (2014). Aplikasi Teknologi Filtrasi Untuk Menghasilkan Air Bersih Dari Air Hasil Olahan Ipal Di Rumah Sakit Islam Surabaya. WAKTU: Jurnal Teknik UNIPA.

- Li, F. 2009. Treatment of Household *Grey Water* for non-potable Reuses. PhD Thesis. Hamburg University of Technology. Hamburg.
- Madaeni, S, 1999. The application of membrane technology for water disinfection. *Water Res.* 33 (2), 301–308.
- Magara, Y, Kunikane, S, Itoh, M, 1998. Advanced membrane technology for applica- tion to water treatment. *Water Sci. Technol.* 37 (10), 91–99.
- Marchetti, P, Jimenez Solomon, M.F, Szekely, G, Livingston, A.G, 2014. Molecular sep- aration with organic solvent nanofiltration: a critical review. *Chem. Rev.* 114 (21), 10735–10806.
- Mansor, E. S., Ali, E. A., & Shaban, A. M. (2021). Tight ultrafiltration polyethersulfone membrane for cheese whey wastewater treatment. *Chemical Engineering Journal*, 407, 127175.
- Metcalf & Eddy. (2003). *Wastewater Engineering, Treatment and Reuse* (4th ed). New York: McGraw-Hill Book.
- Metcalf & Eddy. (2007). *Water reuse: Issues, Technologies, and Applications*. New York: McGraw-Hill Book.
- Miles, S.L, Takizawa, K, Gerba, C.P, Pepper, I.L, 2011. Survival of infectious prions in water. *J. Environ. Sci. Health, Part A* 46, 938–943.
- Moradihamedani, P., & Abdullah, A. H. (2019). Ammonia removal from aquaculture wastewater by high flux and high rejection polysulfone/cellulose acetate blend membrane. *Polymer Bulletin*, 76(5), 2481–2497.
- Mubin F. 2016. Perencanaan system pengolahan air limbah domestik di Kelurahan Istiqlal Kota Manado. Fakultas Teknik Jurusan Sipil Universitas Sam Ratulangi Manado. Manado:
- Mulder, M. 1996. *Basic and Principles of Membran Technology*. London: Kluwer.
- Nakatsuka, S, Nakate, I, Miyano, T, 1996. Drinking water treatment by using ultrafiltra- tion hollow fiber membranes. *Desalination* 106 (1–3), 55–61.
- Peraturan Gubernur Nomor 10 Tahun 2020 Tentang Upah Minimum Sektoral Provinsi Tahun 2020
- Peraturan Menteri Negara Lingkungan Hidup dan Kehutanan Republik Indonesia No. P.68 Tahun 2016 Tentang Baku Mutu Air Limbah Domestik

Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia
Nomor 28/PRT/M Tahun 2016 Tentang Pedoman Analisis Harga Satuan
Pekerjaan Bidang Pekerjaan Umum
Peraturan Pemerintah Nomor 22 Tahun 2021 Penyelenggaraan Perlindungan dan
Pengelolaan Lingkungan Hidup

- Peters, T, 2010. Membrane technology for water treatment. *Chem. Eng. Technol.* 33 (8), 1233–1240.
- Putri, A.H, 2014. Biosand dengan reaktor karbon aktif dalam pengolahan limbah cair laundry studi kasus bung laundry Makasar. . Fakultas Teknik Jurusan Teknik Sipil Program Studi Teknik lingkungan Universitas Hasanudin. Makasar:
- Qasim, Syed R. (1985). *Wastewater Treatment Plants: Planning, Design, and Operation*. USA: CBS College Publishing.
- Standar Nasional Indonesia RSNI T-15-2002 Tahun 2002 Tentang Tata Cara Perhitungan Harga Satuan Pekerjaan Pipa Dan Saniter.
- Sawyer, P.L. McCarty and G.F. Parkin. 1994. *Chemistry for Environmental Engineering* 4th Ed. New York: McGraw-Hill.
- Springer A.E, Stevens L.E. 2008. Spheres of discharge of springs. *Hydrogeology J.* 11 pp. DOI 10.1007/s10040-008-0341-y
- Sugiharto, 1987. *Dasar-dasar Pengelolaan Air Limbah*. Cetakan Pertama, UI Press: Jakarta.
- Tjandraatmadja, G, & Diaper, C. (2006). Water for a Healthy Country Sources of critical contaminants in domestic wastewater Water for a Healthy Country Sources of critical contaminants in domestic wastewater.b
- Undang-undang Nomor 7 Tahun 2004 tentang Sumber Daya Air
- Weber-Shirk, M. L. and Dick, R. I. (1997a). Biological mechanisms in slow *Sand Filters*. *Journal of American Water Works Associations*. 89(2):72-83.
- Yamamura, H, Kimura, K, Watanabe, Y, 2007. Mechanism involved in the evolution of physically irreversible fouling in microfiltration and ultrafiltration membranes used for drinking water treatment. *Environ. Sci. Technol.* 41 (19), 6789–6794.