

## DAFTAR PUSTAKA

- Barba, F., Callejas, P., Calcium Phosphate Silicate Ceramics For Heavy Metal Immobilization And Antibacterial Activity In Waste Water, *J Mater Sci*, No. 41 Hal.5227–5230.
- Barber, W.P., dan Stuckey, D.C., 1999, The Use Of The Anaerobic Baffled Reactor (ARB) For Waste Water Treatment: A Review, *Water Research*, Vol. 33 No.7 Hal. 1559-1578.
- Belar, B., Baykal., 2014, Stream Segregation in Household Use: A Review of Grey Water as an Alternative Source of Water and Yellow Water as an Alternative Source of Fertilizers, *Water Qual Expo Health*, No.7 Hal.27–37.
- Chandra, B., 2006, Pengantar Kesehatan Lingkungan, EGC, Jakarta.
- Crittenden, J. C., Reddy, P.S., Arora, H., Trynoski, J., Hand, D.W., Perram, D.L., Summers, R.S., 1991, Predicting GAC Performance, With Rapid Small-Scale Column Tests, *Jurnal American Water Works Association*, Vol. 27 No.4 Hal. 77-87.
- Dafis, M.L., dan Cornwell, 1969, *Introduction to Environmental Engineering*, McGraw Hill.
- Perpustakaan Departemen Pekerjaan Umum, 2015, <<http://pustaka.pu.go.id/new/istilah-bidang-detail.asp?id=1037>> (diakses 17 Mei 2015)
- Depkes RI, 2002, Kepmenkes RI No.1405/ MENKES/SK/XIV/2002 tentang Persyaratan Kesehatan Lingkungan Kerja, Perkantoran Dan Industri, Jakarta.
- Eko, F. W. W, Effect of Micro Bubbles to Remove Suspended Particles and Enhancement of DO Level in Polluted Water Column. *University Teknology Petronas Bandar Seri Iskandar*, Perak.
- Faisal., 2013, *Perencanaan Dan Modifikasi Penerapan Teknologi Pemanenan Air Hujan (Rain Water Harvesting) Sebagai Alternatif Pereduksi Genangan Banjir Dan Penyediaan Air Bersih Skala Rumah Tangga*. UGM, Yogyakarta.
- Feng, J., Wang, Y., Xueyuan, J. I., Yuan, D., Hui, L. L., 2014, Performance And Bioparticle Growth Of Anaerobic Baffled Reactor (ABR) Fed With Low-Strength Domestic Sewage, *Environmental Science Engineering*, No.9 Hal. 352–364.
- Gadegast, M., Hirt, U., Venohr, M., 2014, Changes in Waste Water Disposal for Central European River Catchments and Its Nutrient Impacts on Surface Waters for the Period 1878–1939. *Water Air Soil Pollut*, No.225 Hal.1914.
- George, B.A., Malano, H.M., Khan, A.R., Gaur, A., Davidson, B., 2008, Urban Water Supply Strategies for Hyderabad, India Future Scenarios. *Environ Model Assess*, No.14 Hal. 691–704.
- Hitachi, 2004, Building grey water equipment, <[http://www.hitachi.com/businesses/infrastructure/product\\_solution/water\\_environment/industrial\\_water/graywater/building.html](http://www.hitachi.com/businesses/infrastructure/product_solution/water_environment/industrial_water/graywater/building.html)>, (diakses 17 Mei 2015)
- Hurlimann, A. C., 2007, Is Recycled Water Use Risky? An Urban Australian Community's Perspective. *Environmentalist*, No. 27 Hal. 83–94.

- Ismayana, A, dan Setyaningsih, D., 2005, Kajian Desain Parameter Proses Sarana Pengolahan Air Bersih Skala Kecil Untuk Institusi Pendidikan Pada Lingkar Kampus IPB, Laporan Penelitian, Bogor: Departemen Teknologi Industry Pertanian, FATETA, IPB.
- Jamshidi, S., Akbarzadeh, A., Woo, K.S., Valipour, A., 2014, Wastewater treatment using integrated anaerobic baffled reactor and Bio-rack wetland planted with Phragmites sp. and Typha sp., Journal of Environmental Health Science & Engineering, No. 12 Hal. 131.
- Katukiza, A.Y, Ronteltap, M., Niwagaba, C.B., Kansime, F., Lens, P.N.L., 2014, Grey Water Characterisation And Pollutant Loads In An Urban Slum. Int. J. Environ. Sci. Technol, No.12 Hal.423–436.
- Kuenaedi, 2004, Mengolah Air Gambut Dan Air Kotor Untuk Air Minum, Jakarta: Puspa Swara.
- Liaw, C.H., Tsai, Y.L., 2004, Optimum Storage Volume of Rooftop Rain Water Harvesting System for Domestic Use, Journal of the American Water Resources Association; Aug 2004; 40, 4; Proquest Agriculture Journals pg. 901.
- Linsley, Ray. K., dan Franzini, Joseph, B., 1991, Teknik Sumber Daya Air Jilid II Diterjemahkan oleh Djoko Sasongko, Surabaya: Penerbit Erlangga.
- Mangala, S. P., Zaharin, A. A., 2015, Application of Low-Cost Materials Coated with Silver Nanoparticle as Water Filter in Escherichia coli Removal, Water Qual Expo Health, No.15 Hal.167-172.
- Maryanto, 2011, Perencanaan Jaringan Pipa Lateral Air Kotor Di Surakarta, Tugas Akhir: Program Diploma 3 Infrastruktur Perkotaan, Fakultas Teknik Sipil, UNS.
- Masduki, 1996, Mempelajari Efektifitas Kitosan Pada Limbah Udang Untuk Penjernih Air Sungai, Skripsi: Program Studi Teknologi Hasil Perikanan, Fakultas Perikanan Dan Ilmu Kelautan, IPB.
- Nazafa, 2010, Saringan Air Nazava Air Kotor Jadi Air Bersih  
<<http://www.nazava.com/filterAirNazavaUntukMandiDanCuci.php>>, (diakses 19 Mei 2015)
- Peraturan Menteri Kesehatan Republik Indonesia No.492, 2010, Persyaratan Kualitas Air Minum, Tahun 2001.
- Peraturan Pemerintah Republik Indonesia, 2001, Pengelolaan Kualitas Air Dan Pengendalian Pencemaran Air Presiden Republik Indonesia No 82 Tahun 2001.
- Pfannes, K. R., Langenbach, K. M. W., Piloni, G., Stührmann, T., Euringer, K., Lueders, T., Thomas R. Neu, T. R., Müller, J.A., Kästner, M., Meckenstock, R. U., 2015, Selective elimination of bacterial faecal indicators in the Schmutzdecke of slow sand filtration columns, Appl Microbiol Biotechnol, No.15 Hal. 6882.
- Pranoto, I.S., 2002, Proses Biokimia DEWATS, Decentralized Wastewater Treatment Systems Lptp Borda, Yogyakarta.
- Reiner, H.B., Schramm, S., Bieker, S., Zeig, C., Huy, T. A., Chi, N.T., 2011, The semicentralized approach to integrated water supply and treatment of solid waste and wastewater a flexible infrastructure strategy for rapidly growing

- urban regions: the case of Hanoi/Vietnam, Clean Techn Environ Policy, No.13 Hal. 617–623.
- Roshayu, S.H., dan Dahlan, I., 2013, Anaerobic Wastewater Treatment Using Anaerobic Baffled Bioreactor, Central European Journal of Engineering, Vol. 3 No. 3 Hal. 389-399.
- Sadiq, R., Husain, T., Al-Zahrani, A. M., Khalil, A.S., Farooq, S., 2002, Secondary Effluent Treatment By Slowsand Filters: Performance And Risk Analysis, Kluwer Academic Publishers, no. 143 Hal. 41–63.
- Sari, N. M., 2002, Kajian Kualitas Air Dan Mutu Ikan Jambal Siam (*Pangasius Hypophthalmus*) Pada Sisitem Budidaya Longyam, Fakultas Perikanan Universitas Riau Pekanbaru.
- SNI 06-2412-1991, Metode Pengambilan Contoh Kualitas Air, Badan Standarisasi Nasional, Jakarta.
- SNI 6989.57.2008, Air dan Air Limbah. Bagian 57 : Metode Pengambilan Contoh Permukaan, Badan Standarisasi Nasional, Jakarta.
- Soufyan, M. N., Morimura, T., (2000). Perancangan dan Pemeliharaan Sistem Plambing, Jakarta : PT Pradnya Paramita, Gramedia Grup.
- Stanko, S., 2009, Reuse of Waste Waters in Slovakia, Water Supply Sustainability. Slovak University of Technology Bratislava, Slovak Republic.
- Sunarwan, 2013, Purifikasi Air Dengan Tenaga Mekanik Untuk Penyediaan Air Bersih Dalam Keadaan Darurat, UGM, Yogyakarta.
- Sularso & H. Tahara, 2000. *Pemilihan, Pemakaian dan Pemeliharaan Pompa* Penerbit PT. Pradnya Paramita, Jakarta.
- Triatmodjo, B., 1995., Hidraulika II, Yogyakarta: Beta Offset.
- Tsiourtis, N.X., 2009, The Role of Non-Conventional and Lower Quality Water for the Satisfaction of the Domestic Needs in Drought Management Plans. Technical Consultant, Epidavrou, 4, PC 2114 Aglantzia, Nicosia, Cyprus.
- Walstra, P., 2003, Physical Chemistry of Foods, New York: Marcel Dekker, Inc.
- Wardhana, W.A., 2001, Dampak Pencemaran Lingkungan, Yogyakarta: Penerbit Andi.
- Wong, N.H., Law, P.L., Lai, S.H., 2007, Field Tests on a Grease Trap Effluent Filter. Int. J. Environ. Sci. Tech., Vol.4 No.3 Hal. 345 -350.
- Widiyanti, K.S.I., 2012, Perancangan Instalasi Pengolahan Air Limbah Di Gedung Perawatan Karbol Akademi Angkatan Udara Dengan System *Baffle Septic Tank*, Departemen Teknik Manajemen Industri Pertahanan Akademi Angkatan Udara, Yogyakarta.