DAFTAR PUSTAKA

A. Ding, Z. Zhang, J. Fu, L. C., 2001. Biological Control Of Leachate From Municipal Landfills. Chemosphere 44,1–8.

Abdel Shafy, SH. 2017. Membrane technology for water and wastewater management and application in Egypt. *Egyptian Journal of Chemistry*, 60(3), pp.347–360.

Abdullah Alkhudhiri A, Naif Darwish B, N.H., 2013. Produced Water Treatment : Application Of Air Gap Membrane Distillation. *DES*, 309, Pp.46–51. Available At: Http://Dx.Doi.Org/10.1016/J.Desal.2012.09.017.

Afrianty. 2012. Pengolahan Limbah Air Asam Tambang Menggunakan Teknologi Membran Keramik, 18(3), 16–25.

Anson, K.O. & Urase, T., 2007. Change In Membrane Performance Due To Organic Fouling In Nanofiltration (N.F.)/Reverse Osmosis (R.O.) Applications. *Separation And Purification Technology*, 55(2), Pp.147–156.

Alkhudhiri. 2013. Produced Water Treatment : Application Of Air Gap Membrane Distillation. Des, 309, 46–51. Http://Doi.Org/10.1016/J.Desal.2012.09.017

Alzahrani, S., & Wahab, A., 2014. Journal Of Water Process Engineering Challenges And Trends In Membrane Technology Implementation For Produced Water Treatment : A Review. Journal Of Water Process Engineering, 4, 107–133. Http://Doi.Org/10.1016/J.Jwpe.2014.09.007

Ali, M. S., 2011, Remediation of Acid Mine Waters, "Mine Water – Managing the Challenges," Prosiding IMWA 2011, Aachen, Germany.

Almazan., Dondiz, E.M.R., Rajal, V.B., Vidaurre, E. F. C., 2015. Nanofiltration Of Glucose: Analysis Of Parameter And Membrane Characterization. Journal Of Chemical Engineering Research And Design, 94, 485–493.

Aprianto, Dedek; Rika Harini. 2012. Dampak Kegiatan Pertambangan Batubara Terhadap Kondisi Sosial Ekonomi Masyarakat di Kelurahan Loa Ipuh Darat, Tenggarong, Kutai Kertanegara. Jurnal Bumi Indonesia. Volume 1 Nomor 3 Tahun 2012

Ardiansyah, F. (2013). Pengolahan Air Limpasan Batubara, 9(3), 93–96.

Ardiansyah, Ario Budi Kusumo. 2013. Karakteristik Penurunan Fluks Pada Filtrasi Larutan Humic Acid dengan Membran Mikrofiltrasi. Jurnal Teknologi Kimia dan Industri, Vol 2

No. 2 Tahun 2013, Halaman 167-174. http://ejournal-S1 undip.ac.id/index.php/jtki.

Arif Budimanta. 2007. Kekuasaan dan Penguasaan Sumber Daya Alam, "Studi Kasus Panambangan Timah Bangka". *Indonesia Center for Sustainable Development*. Jakarta.

Arifin, HS. 2010. *Lesson Learned* Reklamasi Tambang Untuk (Eko)Wisata. Pusat Studi Reklamasi Tambang, Lembaga Penelitian dan Pengabdian Masyarakat, Institut Pertanian Bogor. http://reklatam.ipb.ac.id/?p=221. Diakses tanggal 12 Desember 2010.

Arvina Meizilia, 2016. Pemanfaatan Air Kolong Bekas Tambang Timah sebagai Penambah Sumber Air Tanah Menggunakan Lubang Kompos di Bangka Belitung. Jurnal Pendidikan Ilmu Sosial Volume 27, Nomor 1, Juni 2018

Ashari, Dedik Budianta, D. S. 2015. Efektivitas Elektroda Pada Proses Elektrokoagulasi Untuk Pengolahan Air Asam Tambang.

Bargemen, G., Wasterink, J.B., Miguez, O.G., Dan Wesling, M. 2014.The Effect Of Nacl And Glucose Concentration On Detentions For Nanofiltration Membranes Processing Concentrated Solutions. Journal Of Separation And Purification Technology, 134, 46–57.

Basuki, Ari Satrio. 2007. Dampak Keberadaan Pertambangan Batu Bara PT Viktor Dua Tiga Mega terhadap Kondisi Sosial Ekonomi Masyarakat Disekitarnya (Studi Di Kecamatan Lahei Kabupaten Barito Utara Provinsi Kalimantan Tengah). https://www.researchgate.net Diakses November 2015

Bilinski, P., 2012. A Public Health Hazards In Poland Posed Foodstuffs Contaminated With E. Coli O104: H4 Bacterium From The Resent Europe¬An Outbreak. Ann. Agric. Environ, Med, 19, 3–10.

B. Van der Bruggen, K. Everaert, D. Wilms, C. Vandecasteele, *Application of nanofiltration for removal pesticide, nitrate, and hardness from groundwater: rejection properties and economic evaluation*, Journal of membrane science 193 (2001) 239-248.

Boulestreau, M., dan Miehe, Ulf. 2010. State Of The Art Of The Effect Of Coagulation And Ozonation On Membrane Fouling. Department"WWW" Berlin: Kompetenz Zentrum Wasser.

Brown, J.P., Benavides, M., Dahl, J., Ip, K., Rodriguez, A., 2006. Large Scale Scale Mikrofiltration: Result Of Phase I And Phase Ii Test.

Buzzi. 2013. Water Recovery From Acid Mine Drainage By Electrodialysis. Minerals Engineering, 40, 82–89.

By Anne Braghetta, Francis A. DiGiano, William P. Ball, *Nanofiltration of natural organic matter: pH and ionic strength effect*, J.Environ.Eng.,1997, 123(7):628-641.

Chang, H., Qu, F., Liu, B., Yu, H., Li, K., Shao, S., Liang, H. (2015) Hydraulic irreversibility of ultrafiltration membrane fouling by humic acid: Effects of membrane properties and backwash water composition. *Journal of Membrane Science*, *493*, 723–733.

Chen Li. 2016. Enhanced Separation Performance Of Coal-Based Carbon Membranes Coupled With An Electric Field For Oily Wastewater Treatment. Separation And Purification Technology. Http://Doi.Org/10.1016/J.Seppur.2016.05.020

Cheema Farsi, Lassaad Gaara, Mahmoud Dahbhi, *Treatment of textile effluents by membrane technologies*, Desalination 185 (2005) 399-409.

Chen, W.J., Hsiao, L.C., Dan Chen, K. K., 2008. Metal Desorption From Copper (Ii)/Nikel (Ii)-Spiked Kaolin As A Soil Component Using Plant-Derivedsapomom Biosurfactant. Journal Of Process Biochemistry, 43, 488–498.

Corbett, R.G., 1977. Effects of coal mining on ground and surface water quality, Monongalia County West Virginia. Science Total Environment, Vol. 8 pp 21–38, 1977.

David M. Warsinger, Jaichander Swaminathan, Elana Guillen-Burriezza, Hasan A. Arafat, Jhon H, L. 2015. Scaling And Fouling Membrane Distillation For Desalination Application. A. Review, 294–313.

Dalwani, M.R. (2011) Thin Film Composite Nanofiltration Membrane For Extreme Condition. University of Twente

Department of Environmental and Conservation Newfoundland and Labrador, 2011. Study on Characteristics and Removal of Natural Organic Matter in Drinking Water Systems in Newfoundland and Labrador". Canada.

Dewi, S.S., 2015. Nanofiltrasi Sebagai " Best Available Technology " Untuk Pengolahan Air Nanofiltrasi Sebagai “ Best Available Technology ” Untuk Pengolahan Air. , (December), Pp.0–9.

Dimkic, Heinz-Jurgen, Michael. 2008. Groundwater Management in Large River Basin. Iwa Publishing. London

Dinas Pertambangan Dan Energi Kabupaten Kuantan. 2008. Pemberian Kuasa Pertambangan Ekspolrasi Kepada Pt. Tri Bakti Sarimas. Kabupaten Kuantan Singingi.

Djojonegoro, W. 1992. Pengembangan Dan Penerapan Energi Baru Dan Terbarukan. In “Bio

Mature Unit" (Bmu) Untuk Pengembangan Masyarakat Pedesaan, Bppt, Jakarta. Jakarta.

Dong Zhou, Lijing Zhu, Yinyi Fu, Minghe Zhu, Lixin Xue, *Development of lower cost seawater desalination processes using nanofiltration technologies-a review*, Desalination 376 (2015) 109-116.

Down, C.G. Dan Stocks, J. 1978. Environmental Impacts Of Mining, Department Of Mineral Resources Engineering, Royal School Of Mines, Applied Science Publishers, London. London.

Dutta, B.K. & Sikdar, S. K., 2007. Principles Of Mass Transfer And Separation Processes. Phi Learning Pvt. Ltd., New Delhi.

Dwi Rukma Puspayana Dan Alia Damayanti. 2013. Pengolahan Limbah Cair Tahu Menggunakan Membran Nanofiltrasi Silika Aliran Cross Flow Untuk Menurunakan Kadar Nitrat Dan Amonium, 2(2).

Effendi. 2003. Telaah Kualitas Air. Penerbit bagi pengelolaan sumber daya dan lingkungan perairan , edisi ketiga Kanisius. Yogyakarta. hal 162-167.

Ekasari, Silvia R. 2013. Penyisihan Amonia Dari Air Limbah Menggunakan Gabungan Proses Membran Dan Oksidasi Lanjut Dalam Reaktor Hibrida Ozon-Plasma Menggunakan Larutan Penyerap.

Echoes, G., 2005. Fourier Transform Infrared Spectrophotometry and X-ray Powder Diffractometry as Complementary Technique in Characterizing Clay Size Fraction of Kaolin. *J. Appl. Sci. Environ, Mgt*, 9(2), pp.43–48.

Elis Nur Farida, Dwi Indarti, Ika Oktavianawati. 2014. Pengaruh Variasi Konsentrasi Dan pH Asam Larutan Sodium Dodesil Sulfat Terhadap Proses Pemisahannya Pada Membran Selulosa Aset. Berkala Sainstek 2014, Ii (1): 59-62

Fahrur Razi, 2015. Pengaruh Ph Larutan Buffer Pada Ultrafiltrasi BSA Menggunakan Membran Polietersulfon Modifikasi Dengan Quaternary Ammonium. Prosiding Seminar Nasional Teknik Kimia UNPAR ISSN 2477-1694 Inovasi Teknologi Proses dan Produk Berbasis Sumber Daya Alam Indonesia Bandung, 19 November 2015.

Farsi, C., Dhahbi, M., 2008. Treatment Of Textile Plant Effluent By Ultrafiltration And/ Or Nanofiltration For Water Reuse. Desalination 222, 263-271., 222, 263–271.

Firmansyah Agil Saputra, 2016. Pengolahan Limbah Cair Berminyak Dengan Teknologi Membran, (Oktober), 0–6.

Fitriyanti, R. 2015. Kajian Instalasi Pengolahan Limbah Cair Stockpile Batu Bara. Berkala Teknik Vol. 5, 5(Kajian Instalasi Pengolahan Limbah Cair Stockpile Batu Bara).

Freddy Asmanto Hariratri. 2001. Analisis Kesesuaian Kualitas Air Kolong Penambangan Timah untuk Pengembangan Budidaya Ikan Keramba Jaring.

Gaffney, J.S., Marley, NA., and Clark, S.B., 1996. "Humic and Fulvic acids and organic colloidal materials in the environment. In: Humic and Fulvic Acids. Isolation, Structure and Environmental Role". Washington: American Chemical Society.

Galloux J., Chekli, L., Phuntsho, S., Tijing, L. D., Jeong, S., Zhao, Y. X., Gao B. Y., Park, S. H., Shon, H. K. "Coagulation performance and floc characteristics of poly titanium tetrachloride and titanium tetrachloride compared with ferric chloride for coal mining wastewater treatment." Separation and Purification Technology, Vol. 152 pp 94–100, 2015.

Gautama, R. S. 2014. Pembentukan, Pengendalian Dan Pengolahan Air Asam Tambang. Itb: Bandung.

Gozan, M., Putra, H., Studi, P., Kimia, T., Teknik, F., & Indonesia, U. 2006. Peningkatan Efisiensi Penggunaan Koagulan Pada Unit Pengolahan Air Limbah Batubara, 16424.

Hanna Kyllönen, Eliisa Järvelä, Juha Heikkinen, Minna Urpanen, Antti Grönroos.2017.Emergent membrane technologies for mine water purification. *IMWA 2017 Conference*, pp.36–42. Available at:http://www.imwa.info/docs/imwa_2017/IMWA2017_Kyllonen_36.pdf.

Hargianti A, Susanto H, Oktiawan W. 2015. Pengolahan Limbah Cair Pencucian Mobil Menggunakan Membran Teknologi Membran Ultrafiltrasi Berpori 10 Dan 25 Kda. A.Review. Jurnal Teknik Lingkungan. UNDIP.

Hashino, M., Katagiri, T., Kubota, N., Ohmukai, Y., & Maruyama, T. (2011) Effect of membrane surface morphology on membrane fouling with sodium alginate. *Journal of Membrane Science*, *366*(1-2), 258–265

H.Z. Ijazah, D. Rohmat, Y. Malik. 2016. Dampak Aktivitas Penambangan Batubara Terhadap Kualitas Air Sungai Enim Di Kecamatan Lawang Kidul, Kabupaten Muara Enim.Antologi Pendidikan Geografi, Volume 4, Nomor 2, Agustus 2016.

Hilal, N., Kochkodan, V., Abdulgader, H.A., Dan Johnson, D. 2015. A Combined Ion Exchange-Nanofiltration Process For Water Desalination : Ii. Membrane Selection. Journal Of Desalination, 363, 51–57.

Hua, F. L., Y. F. Tsang, Y. J. Wang, S.Y. Chan, H. Chua, S. N. Sin, 2007, Performance study of ceramic microfiltration membrane for oily wastewater treatment, Chemical Eng. J., 128

(2-3),p. 169-175

Hughes., S. 1992. Industrial Membrane Separation Technology. Blackie Academic And Professional. Glasgow.

I.G. Wenten, 2004. Teknologi membran dalam pengolahan air dan limbah industri. Studi Kasus: pemanfaatan ultrafiltrasi untuk pengolahan air tambak, Departemen Teknik Kimia-ITB, (Januari 2004), (http://www.researchgate.net/publication/281236127)

I.G. Wenten, P.T.P. Aryanti, K. 2014. Teknologi Membran Dalam Pengolahan Limbah. Bandung: Teknik Kimia Institut Teknologi Bandung.

Inonu, Ismed. (2010). *Pengelolahan Lahan Tailing Timah di Pulau Bangka.* Hasil Penelitian yang Dilakukan Dengan Prospek Kedepan. Universitas Negeri Bangka Belitung: Program Studi Agroteknologi-FPPB.

Irawan D. 2015. Dampak Sosial Keberadaan Tambang Batubara PT Baturona Adimulya terhadap Perubahan Mata Pencaharian Masyarakat (Studi di Desa Supat Barat Kecamatan Babat Supat Kabupaten Musi Banyuasin). Skripsi Universitas Sriwijaya. Indralaya.

Isdawani Is, Asri Gani. 2015. The Effect of Kaolin Addition on the Leads Reduction in Coal Combustion Process. Jurnal Rekayasa Kimia dan Lingkungan Vol. 10, No. 3, Hlm. 106-111, Juni 2015 ISSN 1412-5064, e-ISSN 2356-1661 DOI: https://doi.org/10.23955/rkl.v10i3.3064

Jamaluddin, T., & Sulfat, A. 1993. Pemanfaatan Kaolin Sebagai Bahan Baku Pembuatan Aluminimum Sulfat Dengan Metode Adsorps.

Jalaludin, Toni Jalaludin. 2005. Pemanfaatan Kaolin Sebagai Bahan Baku Pembuatan Almunium Sulfat dengan Metode Adsorps. Jurnal Sistem Teknik Industri Volume 6 , No. 5 pag 71-73

J. Rajenovic, M. Petrovic, F. Ventura, D. Barcelo, Rejection of pharmaceuticals in nanofiltration and reverse osmosis membrane drinking water treatment. Water Research 42 (2008) 3601-3610.

Juang, Y., Nurhayati, E., Huang, C., Pan, J.R., Huang, S. 2013. A Hybrid Electrochemical Advanced Oxidation/Microfiltration System Using BDD/Ti Anode For Acid Yellow 36 Dye Wastewater Treatment. Sep. Purif. Technol., 120, 289–2.

Karti, PDMH. 2010. Reklamasi Lahan Bekas Tambang Untuk Menunjang Kegiatan peternakan : Permasalahan Dan Solusi. Pusat Studi Reklamasi Tambang, Lembaga Penelitian dan Pengabdian Masyarakat, Institut Pertanian Bogor. http://reklatam.ipb.ac.id/?p=221. Diakses tanggal 12 Desember 2010.

Kedang, Y.I., 2019. Membran Nanofiltrasi Untuk Aplikasi Pemisah Zat. *Jurnal Saintek Lahan Kering*, 2(2622), Pp.27–29.

Kementerian Kesehatan RI. 1990. Peraturan Menteri Kesehatan Nomor 416/MEN.KES/PER/IX/1990 tentang Syarat-syarat dan Pengawasan Kualitas Air. Kementerian Kesehatan. Jakarta.

Kementerian Kesehatan RI. 2002. Keputusan Menteri Kesehatan Nomor1405/MENKES/SK/XI/2002 Tahun 2002 tentang Persyaratan Kesehatan Lingkungan Kerja Perkantoran dan Industri. Kementerian Kesehatan. Jakarta.

Kementerian Kesehatan RI. 2010. Peraturan Menteri Kesehatan Nomor 492/MENKES/PER/IV/2010 Tahun 2010 tentang Persyaratan Kualitas Air Minum. Kementerian Kesehatan. Jakarta

Kementerian Lingkungan Hidup RI. 2003. Keputusan Menteri Negara Lingkungan Hidup Nomor 113 Tahun 2003 tentang Baku Mutu Air Limbah Bagi Usaha dan atau Kegiatan Pertambangan Batubara. Kementerian Lingkungan Hidup. Jakarta.

Kevino. 2016. Pengolahan Limbah Tekstil Dengan Teknologi Membran, (June), 0–12.

Kim, J.H. Et Al., 2008. Surface Modification Of Nanofiltration Membranes To Improve The Removal Of Organic Micro-Pollutants (Eds And Phacs) In Drinking Water Treatment: Graft Polymerization And Cross-Linking Followed By Functional Group Substitution. *Journal Of Membrane Science*, 321(2), Pp.190–198.

Kiswanto, Susanto. H. Sudarno, 2020. Treatment Of Coal Mine Acid Water Using Nf270 Membrane As Environmentally Friendly Technology, JPII 9(3), Pp.439–450 **DOI: 10.15294/jpii.v9i3.23310**

Kiswanto, Heru Susanto, Sudarno., 2018. Karakteristik Air Asam Batubara Di Kolam Bekas Tambang Batubara PT. Bukit Asam (PTBA). In *Seminar Dan Konferensi Nasional IDEC 2018 Surakarta, 7-8 Mei 2018*. Surakarta: IDEC, Pp. 7–8.

Kiswanto, Laila Nur Rahayu, Wintah., 2019. Pengolahan Limbah Cair Batik Menggunakan Teknologi Membran Nanofiltrasi Di Kota Pekalongan. Jurnal Litbang Kota Pekalongan Vol. 17 Tahun 2019 |, 17, Pp.72–82.

Kiswanto, Laila Nur Rahayu, Wintah., 2020. Analisis Logam Berat (Mn, Fe , Cd), Sianida Dan Nitrit Pada Air Asam Tambang Batu Bara. Jurnal Litbang Kota Pekalongan Vol. 18 Tahun 2020 |, 18, Pp.20–26.

Kiswanto, Susanto, H. & Sudarno, 2018. Characterization Of Coal Acid Water In Void Pools Of Coal Mining In South Kalimantan. In *E3S Web Of Conferences 73, 05030 (2018) ICENIS 2018*. Semarang: EDP Sciences. This Is An Open Access Article Distributed Under The Terms Of The Creative Commons Attribution License 4.0. Available At: Https://Doi.Org/10.1051/E3sconf/201873050 30.

Koltuniewicz, A.B., Drioli, E. 2008. Membrans In Clean Technologies 2 Volume Set: Heory And Practice. Weinheim: Wiley-Vch Verlag Gmbh & Co.Kgaa, Weinheim.

Kodi Gyula. 2011. Application of humic acids and their derivatives in environmental pollution control. Hungary; Journal of AARMS. 11, No. 1 (2012), 61–65.

Kristanto. 2004. Ekologi Industri (Andi Offse). Surabaya.

Kubicki, J.D., and Apitz, S.E., 1999. "Models of Natural Organic Matter and Interactions with Organic Contaminants." Organic Geochemistry 30 hal. 911.

Lin, Y.L., Chiang, P.C., &Chang, E. E. (2007). Removal of Small Trihalomethane precursors From Aqueous Solution by Nanofiltration, Journal Of Hazardous Materials, 146 (1), 20-29.

Li, Y., Tabassum, S. & Zhang, Z., 2016. Sciencedirect An Advanced Anaerobic Biofilter With Effluent Recirculation For Phenol Removal And Methane Production In Treatment Of Coal Gasification Wastewater. *JES*, Pp.1–11. Available At: Http://Dx.Doi.Org/10.1016/J.Jes.2016.03.012.

Liken, R. Et Al., 2005. Nanofiltration Flux, Fouling, And Retention In Filtering Dilute Model Waters. *Desalination*, 175(1 SPEC. ISS.), Pp.97–109. Available At: Www.Elsevier.Com/Locate/Desa.

Lopes, C.N., Petrus, J.C.C, And Riella, H. . 2005. Color And Cod Retention By Nanofiltration Membrane. Journal Of Desalination, 363(Membrane Selection), 51–57.

Lopes, C.N., Petrus, J.C.C., Dan Riella, H. G., 2005. Color And Cod Retention By Nanofiltration Membranes. Journal Of Desalination, 172, 77–83.

Luptakova, A., Ubaldini, S., Marinova, E., Fornari, P., & Giuliano, V., 2012. Application of physical-chemical and biological–chemical methods for heavy metals removal from acid mine drainage. *Process Biochemistry, 47, 11, 1633–1639.*

Matilainen, A., Vepsalinen M., Silanpaa M., 2010 "Natural Organic matter removal by coagulation during drinking water treatment: a review. " Advances in Colloid and Interface Science. Volume 159, Issue 2, hal. 189-197

Madani, S.S. Dan Mansourpanah, Y. 2004. Screening Membranes For Cod Removal From Dilute Wastewater. Journal Of Desalination, 197, 23–32.

Madaeni, S. S. (1999). Review Paper The Application Of Membrane Technology For Water Disinfection, 33(2).

Maharani, R. M, .2013. Pengolahan Limbah Cair Rumah Makan Menggunakan Membran Nanofiltrasi Silika Aliran Cross Flow Untuk Menurunkan Fosfat Dan Amonium, 2(2).

Manttàri, M., Pihlajamäki, A., & Nyström, M. (2006).Effect of Ph On Hydrophilicity and Charge and Their Effect on The Filtration Efficiency of NFMembranes at Different pH, Journal of Membrane Science, 280 (1), 311-320.

Naming. 2007. Transport Of Cr^{3+}+, Cd^{2+}, Pb^{2+}, And Ag + Ions Through Bulk Liquid Membrane Containing P-Tert- Butylcalix [4] Arene – Tetracarboxylic Acid As Ion Carrier, 7(1), 172–179.

Matheus F.A. Goosen, S.S. Sablani, and R. Roque –Malherbe (2009), "Membrane Fouling Recent Strategies and Methodologies for its Minimization" in Anil K. Pabby Syed S.H.Rizvi, Ana Maria Sastre (Editor) Handbook of Membrane Separation Chemical, Pharmaceutical, Food, and Biotechnological Applications, CRC Press Taylor and Francis Group. Hal 329-330.

M. Cheryan, N. R., 1998. Membrane Processing Of Oily Streams. Wastewater Treatment And Waste Reduction. Journal Of Membrane Science 151 (1998) 13-28., 151.

M. Irene, C. Lo. 1996. Characteristics And Treatment Of Leachates From Domestic Landfills. Environmental International 4 (1996) 433–442.

M. Mulder. 1996. Basic Principle Of Membrane Technology. The Netherlands, Kluwer Academic Publishers.

Moesidik, S. 1995. Prinsip Desain Pengolahan Limbah Cair Industri. In Prinsip Desain Pengolahan Limbah Cair Industri . Makalah Program Pascasarjana Universitas Indonesia. Jakarta.

Mohammad, A., Teow, Y., Ang, W., Chung, Y., Oatley-Radcliffe, D. & Hilal, N. 2015. Nanofiltration Membranes Review. Recent Advances And Future Prospects. Desalination. 356, 226-254.

Mustopa Arief. 2008. Memaknai Dunia Pertambangan Nasional. http://musthoariponline.blogspot.co.id. Diakses Desember 2014

Mu'tazim Billah. 2010. Kemampuan Batubara Dalam Menurunkan Kadar Logam Cr 2+ Dan Fe 2+ Dalam Limbah Industri Baja Mu'tasim Billah Teknik Kimia Fti-Upnv Jawa Timur, 10(1).

Muhammad As'ad1, R. 2010. Pengaruh Waktu Tinggal Padatan (Wtp) Biomassa Pada Pengolahan Limbah Cair Purified Terepthalic Acid (Pta)Dengan Proses Anaerob-Membran. Powered By Http://Generasiinfo.Wordpress.Com.

Mulder, M., 1991. Basic Principles Of Membrane Technology. Netherlands, Khewer Academic Publisher.

Metcalf dan Eddy. 2003. Wastewater Engineering: Treatment and Reuse, Fourth Edition, International Edition, McGraw-Hill, New York.

More, T.T., Yadav, J.S.S., Yan, S., Surampali, R.Y., 2014. "Extracellular polymeric substances of bacteria and their potential environmental application." Journal of Environmental Management, 144 hal. 1-25

Mulyanti, R. & Susanto, H., 2018. Wastewater Treatment By Nanofiltration Membranes. *IOP Conference Series: Earth And Environmental Science*, 142(1).

Nataraj, S.K., Hosamani, K.M., Aminabhavi, T. M., 2009. Nanofiltration And Reverse Osmosis Thin Film Composite Membran Module For The Removal Of Dye And Salts From The Simulated Mixtures. Desalination 249, 12-17., 12–17.

Negroni, A., 2012. Characterization Of Adheren-In¬Vasive Escherichia Coli Isolated From Pediatric Patients With Inflammatory Bowel Disease. Inflamm. Bowel Dis, 18, 913–924.

Naveen, B. P., Sivapullaiah, P. V., et al., 2014. Characterization of Leachate from Municipal Landfill and Its Effect on Surrounding Water Bodies. Journal LAKE: Conference on Conservation and Sustainable Management of Wetland Ecosystems in the Western Ghats

Nghiem, I.D., Schafer, A.I., Elimelech, M., 2004. Removal Of Natural Hormones By Nanofiltration Membranes : Measurement, Modeling, And Mechanism. Journal Of Environmental Science, 38, 1888–1896.

Nghiem, L.D. Dan Hawkes, S. 2007. Effect Of Membrane Fouling On The Nanofiltration Of Pharmaceutically Active Compounds (Phacs): Mechanism And Role Of Membrane Pore Size. Journal Of Separation And Purification Technology, 57, 182–190.

N. Hilal, H Al-Zoubi, N.A. Darwish, A.W. Mohammad, M. Abu Arabi, A comprehensive review of nanofiltration membranes: treatment, pretreatment, modeling, and atomic force microscopy, Desalination 170 (2004) 281-308.

N. Hilal, H Al-Zoubi, N.A. Darwish, A.W. Mohammad, M. Abu Arabi, A comprehensive review of nanofiltration membranes: treatment, pretreatment, modeling, and atomic force microscopy, Desalination 170 (2004) 281-308.

Nila Sari Mahardani, F. H. K. 2010. Pengolahan Air Baku Menjadi Air Minum Dengan Teknologi Membran Mikrofiltrasi Dan Ultrafiltrasi.

Notodarmojo Suprihanto. 2004. Pengolahan Limbah Cair Emulsi Minyak Dengan Proses Membran Ultrafiltrasi Dua-Tahap, 36(1), 45–62.

Nurisman, E, 2012.. Studi Terhadap Dosis Penggunaan Kapur Tohor (Cao) Pada Proses Pengolahan Air Asam Tambang Pada Kolam Pengendap Lumpur Tambang Air Laya Pt. Bukit Asam (Persero), Tbk.

Nusa Idaman Said, 1999. Kesehatan Masyarakat dan Teknologi Peningkatan Kualitas Air. Direktorat Teknologi Lingkungan, Deputi Bidang TIEML, BPPT. Jakarta.

Oreamuno, F. A., 2011. Microscopic Characterization Of The Nanostructure Of Polyamide Thin Films In Reverse Osmosis And Nanofiltration Membrane. Standford University.

Ortega, L., M, Lebrun, R., Blais, Je., And Hausler, R. 2008. Removal Of Metal Ions From An Acidic Leachate Solution By Nanofiltrasi Membrane. Journal Of Desalination, 227, 204–216.

Pemerintah Provinsi Kalimantan Selatan. 2009. Peraturan Daerah Nomor 17 Tahun 2009 tentang Rencana Pembangunan Jangka Panjang Provinsi Kalimantan Selatan 2005-2025. Pemerintah Provinsi Kalimantan Selatan.

Pemerintah Republik Indonesia. 2001. Peraturan Pemerintah Nomor 82 Tahun 2001 tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air. Pemerintah Republik Indonesia. Jakarta.

Pemerintah Republik Indonesia. 2010. Peraturan Pemerintah Nomor 78 Tahun 2010 tentang Reklamasi dan Pascatambang. Pemerintah Republik Indonesia. Jakarta.

Peraturan Menteri Kesehatan No. 416 Tahun 1990 Tentang : Syarat-syarat Dan Pengawasan Kualitas Air, 1990

Petala. 2006. Wastewater Reclamation By Advanced Treatment Of Secondary Effluents.

Desalination, 195, 1-3, 109-118.

Peters, T., 2010. Membrane Technology For Water Treatment, (8), 1233–1240. Http://Doi.Org/10.1002/Ceat.201000139

Pertiwi, H. D. 2011. Dampak Keberadaan Perusahaan Pertambangan Batubara Terhadap Aspek Ekologi, Sosial Dan Ekonomi Masyarakat Di Era Otonomi Daerah (Kasus: Kelurahan Sempaja Utara, Kecamatan Samarinda Utara, Kota Samarinda).

Porter, Mark C., (1990) "Microfiltration" in Mark C. Porter (editor). Handbook of Industrial membrane technology, Noyes Publication, New Jersey USA, Hal 61-62

Purwanto Rahmat Dwi. 2015. Dampak Sosial Ekonomi dan Lingkungan Penambangan Batubara Ilegal di Desa Tanjung Lalang Kecamatan Tanjung Agung Kabupaten Muara Enim. Skripsi. Universitas Sriwijaya

Purwono. 2010. Reklamasi Tambang Untuk Menunjang Pengusahaan Pertanian Tanaman Pangan Dan Perkebunan. Pusat Studi Reklamasi Tambang, Lembaga Penelitian dan Pengabdian Masyarakat, Institut Pertanian Bogor. http://reklatam.ipb.ac.id/?p=221. Diakses tanggal 20 Desember 2010.

Puslibang Kementrian Esdm, 2006. (N.D.). Jakarta: Puslibang.

Qadri, F., 2005. Enterotoxigenic Escherichia Coli In De¬Veloping Countries: Epidemiology, Microbi¬Ology; Clinical Features, Treatment, And Pre¬Vention. Clin. Microbiol. Rev., 18:465-483, 18, 465–483.

Qomarudin, Orbell, J.D., Ramchandran, L., Gray, S.R., Stewart, M.B., & Vasiljevic, T. 2015. Properties Of Beta-Lactoglobuli/Alginate Mixtures As A Function Of Component Ratio, Ph, And Applied Shear. Fri, 71, 23–31.

Raden I, Soleh P, M.Dahlan, T. 2010. Kajian Dampak Penambangan Batubara Terhadap Pengembangan Sosial Ekonomi Dan Lingkungan Di Kabupaten Kutai Kertanegara.

Radjenović, J. Et Al., 2008. Rejection Of Pharmaceuticals In Nanofiltration And Reverse Osmosis Membrane Drinking Water Treatment. *Water Research*, 42(14), Pp.3601–3610.

Renau, S., Gordon, Jg., Poulan, S., Dirasouyan, F, And Maulin, P. 2008. Landfill Leachate Treatment: Review And Opportunity. Journal Of Hazardous Material, 150, 468–493.

Resty Mustika Maharani Dan Alia Damayanti, 2013. Pengolahan Limbah Cair Rumah Makan Menggunakan Membran Nanofiltrasi Silika Aliran Cross Flow Untuk Menurunkan Fosfat Dan Amonium. Jurnal Teknik Pomit*S*, 2(2), Pp.92–97.

Rifi Darna. 2014. Persepsi Masyarakat Terhadap Aktivitas PT.Mifa Bersaudara. Skripsi. Fakultas Ilmu Sosial dan Ilmu Politik Universitas Teuku Umar.

Ríos, C.A, Williams, C.D., & Roberts, C.., 2008. Removal of heavy metals from acid mine drainage (AMD) using coal fly ash, natural clinker, and synthetic zeolites. *Journal of Hazardous Materials, 156, 1–3, 23–35*.

Robinson, H. D., 1995. A Review Of The Composition Of Leachates From Domestic Wastes In Landfill Sites. Report Prepared For The Uk Department Of The Environment, Contract Pecd 7/10/238, Ref; De0918a/Fr1.

Rosyida, A. 2011. Bottom Ash Limbah Batubara Sebagai Media Filter Yang Efektif Pada Pengolahan Limbah Cair Tekstil, 5(2), 56–61.

Rodrigues et al., 2008. "Quantification of humic acids in surface water: effects of a divalent cation, pH, and filtration." Journal of Environmental Engineering.

Rohmat, D. dan Ruhiyat, D. (2009). *Pengelolaan Sumberdaya Air*. Sekolah Pascasarjana UPI.

S. Churchouse, D. W., 1999. Membranes Bioreactors Progress From The Laboratory To Full-Scale Use. Membrane Technology, 111 (1999) 4-8.

Safitri, H. I., A, F. R., Aryanti, N., Kimia, J. T., Teknik, F., Diponegoro, U., … Fax, T. 2013. Teknologi Ultrafiltrasi Untuk Pengolahan Air Terproduksi (Produced Water), 2(4), 205–211.

Schafer, A.I., Andritsos, N., Karabellas, A.J., Hoek, E.M.V., Schneider, R., Dan Nystrom, M. 2004. Fouling In Nanofiltration In Nanofiltration - Principles, And Applications. Elsevier, 20, 169–239.

Schafer, A.I., Fane, A.G., Waite. 2005. Nanofiltration: Principles And Applications, First Ed. Elsevier. First Ed. Elsevier, Uk.

Scott, K., 1995. Handbook Of Industrial Membranes, Oxford. Elsevier Advanced Technology.

Shao Et Al. 2009. Application Of Ultrafiltration And Reverse Osmosis For Mine Waste Water Reuse. Water In Mining, Perth, Western Australia.

Shon, H.K., Phunttsho, S., Chaudhary, D, S., Vigneswaran, S., Dan Cho, J. 2013. Nanofiltration For Water And Wastewater Treatment. A Mini-Review. Drinking-Water Engineering And Science, 6, 47–53.

Silva, M. S., 2007. Polyamide And Polytherimidie Organic Solvent Nanofiltration Membranes. Imperial College in London.

Shim, Y., Rixey, W.G. & Chellam, S., 2008. Influence Of Sorption On Removal Of Tryptophan And Phenylalanine During Nanofiltration. *Journal Of Membrane Science*, 323(1), Pp.99–104.

Simon, A., Price, W.E., Dan Nghiem, L. D., 2013. Changes In Surface Properties And Separation Efficiency Of A Nanofiltration Membrane After Repeated Fouling And Chemical Cleaning Cycles. Journal Of Separation And Purification Technology, 113, 42–50.

Sivakumar, M., Ramezanianpour, M. & O'Halloran, G., 2013. Mine Water Treatment Using a Vacuum Membrane Distillation System. *APCBEE Procedia*, 5, pp.157–162.

Siregar, I.Z, Mansur, I. dan Wilarso, SBR. 2010. Lesson Learned Revegetasi Lahan Bekas Tambang : Permasalahan dan Cara Mengatasinya. Pusat Studi Reklamasi Tambang, Lembaga Penelitian dan Pengabdian Masyarakat, Institut Pertanian Bogor. http://reklatam.ipb.ac.id/?p=221. Diakses tanggal 12 Desember 2010.

Skousen, J. Et-Al. 1998. Handbook Of Technologies For Avoidance And Remediation Of Acid Mine Drainage. The National Mine Land Reclamation Centre, Morgantown, West Virginia.

Sofyan. 2009. Dampak Lingkungan Eksploitasi Tambang Batubara.

Soelarno Soemarmo Witoro. 2007. Perencanaan Pembangunan Pasca Tambang untuk Menunjang Pembangunan Berkelanjutan (Studi Kasus pada Pertambangan Batubara PT. Kaltim Prima Coal) di Kabupaten Kutai,Provinsi Kalimantan Timur. Program Stusi Ilmu Lingkungan. Program Pascasarjana. Jakarta.

Spellman, F.R., Drinan, J.E., 2001. Stream Ecology and Self-purification: An Introduction, seconded. Taylor and Francis, Pennsylvania, USA, 261 pp

Spellman Frank, Joanne E. Drinan. 2012. Water And Wastewater Treatment: A Guide For The Nonengineering Professional, Second Edition. CRC Press, *2012*-07-20. 2

Sri Sumiyati . 2019. Pengolahan Air Limbah Domestik Menggunakan Kombinasi Reaktor Biofilm Anaerob-Aerob. disertasi 631.4 April 2019. Sekolah Pascasarjana Program Doktor Ilmu Lingkungan Universitas Diponegoro.

Stuart, B., 2004. *Info is Spectroscopy : Fundamental and Applications.*, United Kingdom: John Wiley and Sons Ltd, United Kingdom.

Subriyer Nasir, Marlis Purba, O. S. 2014. Pengolahan Air Asam Tambang Dengan Menggunakan Membran Keramik Berbahan Tanah Liat, Tepung Jagung Dan Serbuk Besi. Jurnal Teknik Kimia No. 3, Vol. 20, Agustus 2014.

Subriyer Nasir, Eddy Ibrahim, dan Taufik Arief. 2014**.** Perancangan Plant Pengolahan Air Asam Tambang Dengan Proses Sand Filtrasi, Ultrafiltrasi Dan Reverse Osmosis. Prosiding SNaPP2014Sains, Teknologi, dan Kesehatan.

Sukandarrumidi. 1995. Batubara Dan Gambut. Gadjah Mada University Press. Yogyakarta.

Sunarijanto. 2008. Batubara : Panduan Bisnis Pt Bukit Asam, Tbk. PTBA. Jakarta.

Sunarijanto, H.R., B.L. Adi, T. Simbolon, B. Sitanggang and I. Pujono et al., 2008. COAL: Business Guide PT Bukit Asam. PTBA, Jakarta

Susanto, H. 2011. Teknologi Membrane. Semarang: Badan Penerbit Universitas Diponegoro.

Suseno Dan Triswan. 2017. Analisis Pola Distribusi Logistik Dan Infrastruktur Batubara Untuk Pltu Skala Kecil. Jurnal Teknologi Mineral Dan Batubara, Volume 13,.

Suffriandy Satria, Fachrul Razi, Nasrul Arahman. 2017. The Filtration Profile of Sodium Alginate Solution on Single Cross-flow Filtration Module of Polyethersulfone Membrane. *JurnalRekayasaKimia dan Lingkungan* Vol. 12, No. 1, Hlm. 46 - 53, Juni 2017 .https://doi.org/10.23955/rkl.v12i1.7133

Sulistiono, Damar, A, Zahid, Hariyadi, S., Bambang NPU. 2010. *Lesson Learned* Reklamasi Lahan Bekas Tambang Untuk Menunjang Kegiatan Perikanan: Permasalahan Dan Solusi. Pusat Studi Reklamasi Tambang, Lembaga Penelitian dan Pengabdian Masyarakat, Institut Pertanian Bogor. http://reklatam.ipb.ac.id/?p=221. Diakses tanggal 12 Desember 2010.

Susilawati. (2010). Metode Pengolahan Air Gambut untuk Menghasilkan Air Bersih dengan Metode Elektrokoagulasi. Disertasi , Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Sumatera Utara. Medan

Suyartono dkk. 2003. *Good Mining Practice*, “Konsep Tentang Pengelolaan Pertambangan yang Baik dan Benar”, Studi Nusa, Jakarta.

Suyartono. 2004. Hidup dengan Batubara, “Dari Kebijakan Hingga Pemanfaatan”. Yayasan Media Bakti Tambang. Jakarta.

T. Ade Fachlevi. 2015. Dampak PertambanganBatubara Terhadap Ekonomi Lingkungan dan Sosial di KecamatanMeureubo Kabupaten Aceh Barat. Tesis. Sekolah Pascasarjana Institut Pertanian Bogor.

T. Rukmana. 2008. Analisis Logam (Mn, Cd), Sianida Dan Nitrit Pada Limbah Cair Tambang Batubara Pt. Tri Bakti Sarimas (Tbs) Di Pangkalan Kuansing.

T. Ueda, K. H., 1999. Domestic Wastewater Treatment By A Submerged Membrane Bioreactor With Gravitational Filtration. Water Research, 33(1999) 2888–2892.

Tarigan, M. Dan E. 2003. Kandungan Total Zat Padat Tersuspensi (Total Suspended Solid) Di Perairan Raha, Sulawesi Tenggara. Jurnal Sains, 7(3), 109–119.

Tchobanoglous, G., Dan Burton, F. 2003. Wastewater Engineering Treatment And Reuse Fourth Edition. Singapore: Mc. Graw Hill, Inc.

Tika Kumala Sari, A.D., 2013. Pengolahan Limbah Laundry Menggunakan Membran Nanofiltrasi Zeolit Variasi Massa Untuk Filtrasi Kekeruhan Dan Fosfat. *Teknik Lingkungan Fakultas Teknik Sipil Dan Perencanaan, Institut Teknologi Sepuluh Nopember (ITS)*, Pp.1–5.

Tipping, E (1994). "WHAM-a chemical equilibrium model and computer code for waters, sediments and soils are incorporating a discrete site/electronic model of ion-binding by humic substances" Computer and Geosciences 20:Hal. 973-1023

Tria, F., Heru, C., & Sudarno, S. (2015). Pengolahan Limbah Lindi Menggunakan Membran Nanofiltrasi Nf270, 4(4), 86–96.

Tu, N. . (2013). Role Of Charge Effect During Membrane Filtration. Belgia: Universiteit Gent.

Turan, M., 2004. *Influence of Filtration Conditions on the performance of Nanofiltration and reverse osmosis Membranes in Dairy wastewater treatment*. Journal of Desalination 170 (83-90).

Tyas Nurcahyani. 2011. Kajian Pemanfaatan Lubang Bekas Tambang (*Void*) di PT. Adaro Indonesia, Provinsi Kalimantan Selatan.Tesis. Program Studi Kajian Ilmu Lingkungan, Program Pascasarjana,Universitas Indonesia. Jakarta

Usada, W., & Purwadi, A. (2005). Degradasi Fenol Dalam Limbah Pengolahan Minyak Bumi Dengan Ozon. Prosiding Ppi-Pdipt 2005, 1, 76–81.

Undang-undang Nomor 4 tahun 2009 Tentang Pertambangan Mineral dan Batubara

Van Der Bruggen, B. & Vandecasteele, C., 2003. Removal Of Pollutants From Surface Water And Groundwater By Nanofiltration: Overview Of Possible Applications In The Drinking Water Industry. *Environmental Pollution*, 122(3), Pp.435–445.

Vargas, A., Moreno-Andrade, I., & Buitrón, G. (2008) Controlled backwashing in a membrane sequencing batch reactor used for toxic wastewater treatment. *Journal of Membrane Science*, *320* (1-2), 185–190.

Veriady. 2007. Studi Pemanfaatan Lahan Pasca Tambang Timah (Studi Kasus PT. Timah Tbk di Pulau Bangka). Program Studi Ilmu Lingkungan. Program Pascasarjana. Jakarta

Verliefde, A.R.D. Et Al., 2008. The Role Of Electrostatic Interactions On The Rejection Of Organic Solutes In Aqueous Solutions With Nanofiltration. *Journal Of Membrane Science*, 322(1), Pp.52–66. Available At: Www.Elsevier.Com/Locate/Memsci.

Wagner, Jørgen, B. S., 2001. Membrane Filtration Handbook. Osmonics, Inc. Osmonics, Inc.

Wahyu Rachmi Pusparini, I., 2010. Teknologi Pemisahan Zr-Hf Menggunakan Metode Kompleksasi-Membran Nanofiltrasi. In *Prosiding PPI - PDIPTN 2010 Pustek Akselerator Dan Proses Bahan - BATAN Yogyakarta*. Pp. 179–188.

Watzlaf, E., 2004. The Passive Treatment Of Coal Mine Drainage, Doe/Neil-2004/1202, U.S. Department Of Energy, U.S. Department Of Energy, National Energy Technology Laboratory Pittsburgh, Pa.

Wenten, I. G. 2002. Recent Development In Membrane Science And Its Industrial Applications. J Sci Technol Membrane Sci Technol, 24 (2002) 1010-1024.

Wenten, I. G. 2015. Teknologi Membran: Prospek Dan Tantangannya. Teknik Kimia Institut Teknologi Bandung.

Widyati. 2010. Acid Mine Drainage – Momok Lahan Bekas Tambang. Lingkungan Pasca Tambang. Retrieved From Http://Tambang.

Wijaya, R. A. E. 2010. Jurnal Manusia Dan Lingkungan Vol. 17. 1, Maret 2010: 1-10, Vol. 17. 1(Sistem Pengolahan Air Asam Tambang Pada Water Pond Dan Aplikasi Model Encapsultation In-Pit Disposal Pada Waste Dump Tambang Batubara.).

World Health Organisation. 2003. Total Dissolved Solids In Drinking Water. Geneva.

Xu, L., Wang, J., Zhang, X., Hou, D., & Yu, Y. 2015. Colloids And Surfaces A : Physicochemical And Engineering Aspects Development Of A Novel Integrated Membrane System Incorporated With An Activated Coke Adsorption Unit For

Advanced Coal Gasification Wastewater Treatment. Colloids And Surfaces A: Physicochemical And Engineering Aspects, 484, 99–107. Http://Doi.Org/10.1016/J.Colsurfa.2015.07.062

Xu, P. Et Al., 2006. Effect Of Membrane Fouling On Transport Of Organic Contaminants In NF/RO Membrane Applications. *Journal Of Membrane Science*, 279(1–2), Pp.165–175.

Yakobus Ahmus Mufti. 2016. Aplikasi Bioreaktor Membran Pada Pengolahan Air Limbah Dan Lindi Tpa, (May).

Yati. 2017. Pengaruh Jenis Pelarut Terhadap Ekstraksi Asam Humat Dari Kompos Kotoran Sapi, 6(3), 58–65.

Yildirim, Y Topaloğlu, A.K. Ince, M Kajama, M.N. Y. et al., 2019. The use of the N.F. and R.O. membrane system for reclamation and recycling of wastewaters generated from hard coal mining. *Nigerian Journal of Technology*, 38(4), p.1048.

Yoon, K., Hsiao, B.S., Dan Chu, B. 2009. High Flux Nanofiltration Membranes Based On Interfiacially Polyamide Barrier Layer On Polyacrylonitrile Nanofibrous Scaffold. Journal Of Membrane Science, 326, 484–492.

Yudo, S. 2006. Kondisi Pencemaran Logam Berat Di Perairan Sungai Dki Jakarta. Jakarta: Pusat Teknologi Lingkungan BPPT.

Yukselen, Y. Dan A. K., 2002. Zeta Potential Of Kaolinite In The Presence Of Alkali, Alkali Earth And Hydrolyzable Metals Ions. Turki : Eylul University.

Yuliyati, Y. B., Natanael, C. L.,2016. Kimia, J., Matematika, F., & Alam, P. Isolasi Karakterisasi T Asam Humat Dan Penentuan Daya Serap Nya Terhadap Ion Logam Pb (Ii) Cu (Ii) Dan Fe (Ii), 4(Ii), 43–53.

Yusuf, B. 2008. Arahan Strategi Kebijakan Reklamasi Lahan Pasca Penambangan Nikel pada Lahan Konsesi PT. Aneka Tambang Tbk. Unit Bisnis Pertambangan Nikel Daerah Operasi Maluku Utara, Kabupaten Halmahera Timur Propinsi Maluku Utara. Tesis. Sekolah Pasca Sarjana, Institut Pertanian Bogor.

Zhou, N. 2010. Parametric Study Of Ultrafiltration Membrane System And Development Of Fouling Control Mechanism. Purdue University Hammond, Indiana.

Zularisam, A. W., Ismail, A. F., & Salim, R. (2006). Behaviors Of Natural Organic Matter In Membrane Filtration For Surface Water Treatment — A Review, 194, 211–231. Http://Doi.Org/10.1016/J.Desal.2005.10.030