Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat
Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

A. JURNAL/ARTIKEL ILMIAH

Addy, S., Cooksley, S., Dodd, N., Waylen, K., Stockan, J., Byg, A., & Holstead, K. (2016). *River restoration and biodiversity: Nature-based solutions for restoring rivers in the UK and Republic of Ireland*. CREW Reference CRW2014/10. https://portals.iucn.org/library/sites/library/files/documents/2016-064.pdf

Adriyansyah. (2022). Perencanaan jaringan pipa air bersih di Kawasan Ekonomi Khusus Desa Tanjung Gunung Kabupaten Bangka Tengah. *Rekayasa, 26*(1), 14–17. https://rekayasa.ft-sipil.unila.ac.id/index.php/rjits/article/view/28

Agency for Toxic Substances and Disease Registry (ATSDR). (2021). *Toxicological profile for mercury.* U.S. Department of Health and Human Services, Public Health Service. https://www.atsdr.cdc.gov/ToxProfiles/tp46.pdf

Aji, A. S., Bhaskoro, R. G. E., & Firdaus, N. A. (2017). Pelatihan penilaian kinerja bangunan Instalasi Pengolahan Air Minum (IPAM) dan pembubuhan bahan kimia di PDAM Tirta Perwitasari Kabupaten Purworejo. *Community Empowerment, 2*(2), 39–43. https://journal.unimma.ac.id/index.php/ce/article/view/2457

Alqisyan, N., & Nirmala, I. (2022). Rancang bangun *prototype smart water meter* pelanggan air PDAM berbasis IoT dan Android. *Coding: Jurnal Komputer dan Aplikasi, 10*(2), 227–236. https://jurnal.untan.ac.id/index.php/jcskommipa/article/view/54359

Arthington, A. H., Naiman, R. J., McClain, M. E., & Nilsson, C. (2010). Preserving the biodiversity and ecological services of rivers: New challenges and research opportunities. *Freshwater Biology, 55*(1), 1–16. https://www.researchgate.net/publication/48380733_Preserving_the_biodiversity_and_ecological_services_of_rivers_New_challenges_and_research_opportunities

Arumsari, F., Joko, T., & Darundiati, Y. H. (2021). Hubungan higiene sanitasi depot air minum dengan keberadaan bakteri *Escherichia coli* pada air minum isi ulang di Kecamatan Mondokan Kabupaten Sragen. *Media Kesehatan Masyarakat Indonesia, 20*(2), 75–82. https://ejournal.undip.ac.id/index.php/mkmi/article/view/35374

Atikah, P., Purnaini, & Asbanu. (2023). Analisis kualitas air baku dan kualitas air hasil produksi pada Instalasi Pengolahan Air IPA Unit Mukok PDAM Tirta Pancur Aji Kota Sanggau. *ResearchGate*. https://www.researchgate.net/publication/372086938_Analisis_Kualitas_Air_Baku_dan_Kualitas_Air_Hasil_Produksi_pada_Instalasi_Pengolahan_Air_IPA_Unit_Mukok_PDAM_Tirta_Pancur_Aji_Kota_Sanggau

Aulia, S., Kadaria, U., & Nugraheni, P. W. (2023). Studi evaluasi dan perencanaan eksisting kinerja proses pengolahan air minum Instalasi Pengolahan Air Arang Limbung Perumda Air Minum Tirta Raya Kabupaten Kubu Raya. *Jurnal Teknologi Lingkungan Lahan Basah, 11*(3), 731–737. https://jurnal.untan.ac.id/index.php/jmtluntan/article/view/69103

UNIVERSITAS GADJAH MADA
Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Barton, D. N., & Soguel, N. (2002). Valuing water resources in Switzerland using a hedonic price model. *Environmental and Resource Economics, 21*(4), 403–426. https://doi.org/10.1023/A:1015124820141

Bisma, A., Rahman, H., & Sari, D. (2024). Analisis kebutuhan dan kapasitas produksi air bersih PDAM Intan Banjar untuk wilayah Banjarmasin dan sekitarnya. *Enviro Scienteae, 20*(1), 45–53. https://ppjp.ulm.ac.id/journal/index.php/es/article/view/18888/9895

Brouwer, S., Hofman-Caris, R., & van Aalderen, N. (2020). Trust in drinking water quality: Understanding the role of risk perception and transparency. *Water, 12*(9), 2608. https://www.mdpi.com/2073-4441/12/9/2608

Cahyani, L. D., Purnaini, R., & Utomo, K. P. (2023). Analisis kemampuan penyediaan air bersih PDAM Tirta Raya untuk daerah pelayanan Desa Kapur Kabupaten Kubu Raya. *Jurnal Teknologi Lingkungan Lahan Basah, 11*(3), 801–809. https://jurnal.untan.ac.id/index.php/jmtluntan/article/view/69559

Camargo, J. A., & Alonso, Á. (2017). Ecological and toxicological effects of inorganic nitrogen pollution in aquatic ecosystems: A global assessment. *Environment International, 32*(6), 831–849. https://doi.org/10.1016/j.envint.2006.05.002

Cheng, Y., Xu, X., & Zhang, W. (2020). The effect of odors and tastes in drinking water on public perception and water treatment. *Water Research, 174*, 115–123. https://doi.org/10.1016/j.watres.2020.115624

Diah, E. A. (2018). Hakikat manusia dan lingkungan dalam perspektif ekologi Islam. *Core.ac.uk.* https://core.ac.uk/download/pdf/295425831.pdf

Diana, E. W., Sholichin, M., & Haribowo, R. (2020). Kajian pengembangan jaringan distribusi air bersih pada PDAM Tirta Barito Kota Buntok. *Jurnal Teknik Pengairan, 11*(2), 45–54. https://core.ac.uk/download/pdf/543684533.pdf

Dianty, F. R., Martono, D. N., & Priadi, C. R. (2022). Public perception of drinking water quality in Bekasi City, Indonesia. *Jurnal Penelitian Pendidikan IPA, 8*(5), 2551–2555. https://jppipa.unram.ac.id/index.php/jppipa/article/view/2537

Doria, M. F., Pidgeon, N., & Hunter, P. R. (2009). Perceptions of drinking water quality and risk and its effect on behaviour: A cross-national study. *Science of the Total Environment, 407*(21), 5455–5464. https://pubmed.ncbi.nlm.nih.gov/19664799/

Driscoll, C. T., Mason, R. P., Chan, H. M., Jacob, D. J., & Pirrone, N. (2013). Mercury as a global pollutant: Sources, pathways, and effects. *Environmental Science & Technology, 47*(10), 4967–4983. https://doi.org/10.1021/es305071v

Dudgeon, D., Arthington, A. H., Gessner, M. O., Kawabata, Z. I., Knowler, D. J., Lévêque, C., Naiman, R. J., Prieur-Richard, A. H., Soto, D., Stiassny, M. L. J., & Sullivan, C. A. (2006). Freshwater biodiversity: Importance, threats, status and conservation challenges. *Biological Reviews, 81*(2), 163–182. https://www.researchgate.net/publication/7432469_Freshwater_Biodiversity_Importance_Threats_Status_and_Conservation_Challenges

Etikan, I., Musa, S. A., & Alkassim, R. S. (2016). Comparison of convenience sampling and purposive sampling. *American Journal of Theoretical and Applied Statistics, 5*(1), 1–4. https://www.researchgate.net/publication/359634247_Comparison_of_Convenience_Sampling_and_Purposive_Sampling

UNIVERSITAS GADJAH MADA
Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Fauzi, A., & Nugroho, H. (2018). Dampak aktivitas manusia terhadap kualitas air sungai sebagai sumber air minum. *Jurnal Ilmu Lingkungan, 9*(1), 22–31. https://ejournal.universitas.ac.id/jil.2018.9.1.22

Feng, L., Wang, Y., & Liu, W. (2017). Effects of turbidity on drinking water quality and the treatment process. *Environmental Science and Pollution Research, 24*(10), 9307–9315. https://doi.org/10.1007/s11356-017-8344-6

Hidayat, R., Sari, D., & Nugraha, T. (2018). Analisis kinerja operator dalam pengelolaan instalasi pengolahan air minum. *Jurnal Teknik Lingkungan, 24*(2), 95–104. https://ppjp.ulm.ac.id/journal/index.php/bisnispembangunan/article/view/5721

Hughes, L. (2003). Climate change and Australia: Trends, projections and impacts. *Austral Ecology, 28*(4), 423–443. https://doi.org/10.1046/j.1442-9993.2003.01300.x

Irianto, E. W., & Triweko, R. W. (2010). Pengembangan kriteria status mutu ekosistem danau sebagai bagian dari indikator pengelolaan terpadu wilayah sungai. *Jurnal Teknik Hidraulik, 19*(4), 62–77. https://jurnalth.pusair-pu.go.id

Janssen, M. A., & Anderies, J. M. (2013). A multi-method approach to study robustness of social-ecological systems: The case of small-scale irrigation systems. *Journal of Environmental Economics and Management, 65*(2), 319–332. https://doi.org/10.1016/j.jeem.2012.12.004

Kamulyan, P., Wiguna, I. P. A., & Slamet, A. (2017). Penilaian keberlanjutan pengelolaan sistem penyediaan air minum berbasis masyarakat di Kota Blitar. *Journal of Civil Engineering, 32*(2), 60–68. https://journal.its.ac.id/index.php/jce/article/view/7506

Kospa, H. S. D. (2018). Kajian persepsi dan perilaku masyarakat terhadap air sungai. *Jurnal Sosial dan Ekonomi, 9*(1), 45–58. https://ejournal.uigm.ac.id/index.php/TG/article/view/509

Kurnia, S. D., & Farahdiba, A. U. (2023). Penggunaan sistem dinamis Vensim PLE sebagai analisis kualitas dan kuantitas air PDAM Tirta Kencana Kabupaten Jombang. *Envirous, 3*(2). https://envirous.upnjatim.ac.id/index.php/envirous/article/view/5

Lafuente, R., Paneque, P., & Vargas, J. (2018). Public perception of water quality: The role of social and environmental factors. *Environmental Management, 62*(4), 1–13. https://doi.org/10.1007/s00267-018-1083-y

Leclerc, H., Mossel, D. A. A., Edberg, S. C., & Struijk, C. B. (2001). Advances in the bacteriology of the coliform group: Their suitability as markers of microbial water safety. *Annual Review of Microbiology, 55*(1), 201–234. http://ejournal.lppm-unbaja.ac.id/index.php/jls/article/view/1462

Matilainen, A., Vepsäläinen, M., & Sillanpää, M. (2010). Natural organic matter removal by coagulation during drinking water treatment: A review. *Advances in Colloid and Interface Science, 159*(2), 189–197. https://www.sciencedirect.com/science/article/abs/pii/S000186861000120X

UNIVERSITAS GADJAH MADA
Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Mayudin, I. A., & Ariesmayana, A. (2021). Analisis kualitas air baku, pengolahan, dan distribusi pada PDAM Tirta Al-Bantani Kabupaten Serang. *Jurnal Lingkungan dan Sumberdaya Alam (JURNALIS), 4*(2), 142–150. https://ejournal.lppm-unbaja.ac.id/index.php/jls/article/view/1462

Mensah-Akutteh, H., Buamah, R., Wiafe, S., & Nyarko, K. B. (2022). Raw water quality variations and its effect on the water treatment processes. *Cogent Engineering, 9*(1), 2122152. https://www.researchgate.net/publication/363617276_Raw_water_quality_variations_and_its_effect_on_the_water_treatment_processes

Mumpuni, A., Rahayu, P., & Rini, E. F. (2020). Partisipasi masyarakat dalam program pengelolaan sungai: Studi kasus Sungai Pepe, Sungai Anyar, dan Sungai Premulung, Kota Surakarta. *Region: Jurnal Pembangunan Wilayah dan Perencanaan Partisipatif, 15*(1), 67–80. https://jurnal.uns.ac.id/region/article/view/24976

Nawaz, M., Iqbal, A., & Ahmed, M. (2020). Impact of water temperature on the chemical and biological quality of drinking water. *Water Quality Research Journal, 55*(1), 53–64. https://doi.org/10.2166/wqrj.2020.081

Novianti, S., & Sulistyorini, L. (2022). Gambaran pengolahan air baku menjadi air minum di Sumur PDAM X. *Jurnal Ilmiah Permas, 12*(4), 921–928. https://garuda.kemdiktisaintek.go.id/documents/detail/3286541

Paerl, H. W., & Otten, T. G. (2013). Harmful cyanobacterial blooms: Causes, consequences, and controls. *Microbial Ecology, 65*(4), 995–1010. https://doi.org/10.1007/s00248-012-0159-y

Pahl-Wostl, C., Arthington, A. H., Bogardi, J., Bunn, S. E., Hoff, H., Lebel, L., ... Tsegai, D. (2013). Environmental flows and water governance: Managing sustainable water uses. *Current Opinion in Environmental Sustainability, 5*(3–4), 341–351. https://doi.org/10.1016/j.cosust.2013.06.009

Pellicer-Martínez, F., & Martínez-Paz, J. M. (2016). The water footprint as an indicator of environmental sustainability in water use at the river basin level. *Science of the Total Environment, 571*, 561–574. https://doi.org/10.1016/j.scitotenv.2016.07.022

Price, J. I., & Heberling, M. T. (2018). The effects of source water quality on drinking water treatment costs: A review and synthesis of empirical literature. *Ecological Economics, 151*, 195–209. https://pmc.ncbi.nlm.nih.gov/articles/PMC6040680/

Puspitasari, A. I., Novita, E., & Pradana, H. A. (2021). Identifikasi perilaku dan persepsi masyarakat terhadap pencemaran air Sungai Bedadung di Jember, Jawa Timur. *Jurnal Pengelolaan Sumber Daya Alam, 3*(1), 45–57. https://www.researchgate.net/publication/352315696

Qomariyah, I., Hidayat, M., & Wahyudi, T. (2019). Kajian penerapan teknologi pengolahan air minum berbasis membran di Indonesia. *Jurnal Teknik ITS, 8*(2), A197–A202.

Rachman, F., & Santoso, P. (2017). Sungai sebagai sumber air baku dan tantangan pengelolaannya. *Jurnal Air Indonesia, 3*(1), 12–20. https://jurnalairindonesia.or.id/index.php/jai/article/view/34

UNIVERSITAS GADJAH MADA
Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Radityaningrum, A. D. (2021). Evaluasi sistem pengolahan dan distribusi air bersih PDAM Kota Probolinggo. *Prosiding Seminar Nasional Teknik.* https://ejournal.itats.ac.id/sntekpan/article/download/2283/1956

Rahawarin, Y. (2019). *Strategi pengelolaan lingkungan hidup berkelanjutan di Indonesia.* Jakarta: Mitra Wacana Media.

Rahman, A., Alim, M. S., & Utami, U. B. L. (2011). Inventarisasi dan identifikasi sumber pencemar air di Kota Banjarmasin. *Jurnal Teknik Lingkungan, 4*(3), 101–115. https://ppjp.ulm.ac.id/journal/index.php/es/article/download/389/317

Rahman, M. A., Islam, M. S., & Ahmed, K. M. (2021). Assessment of iron contamination in drinking water and its health implications in rural communities. *Environmental Science and Pollution Research, 28*(4), 5124–5135. https://doi.org/10.1007/s11356-020-10789-8

Raymond, C. M., Bryan, B. A., MacDonald, D. H., Cast, A., Strathearn, S., Grandgirard, A., & Kalivas, T. (2013). Mapping community values for natural capital and ecosystem services. *Ecological Economics, 68*(5), 1301–1315. https://doi.org/10.1016/j.ecolecon.2008.12.006

Reynaldi, B., & Radityaningrum, A. D. (2022). Evaluasi sistem instalasi pengolahan air minum di Perusahaan Umum Daerah Air Minum Maja Tirta Kota Mojokerto. *Environmental Engineering Journal ITATS, 2*(1), 35–44. https://ejurnal.itats.ac.id/envitats/article/view/2900

Rezaldie, W. N., & Yustiani, Y. M. (2025). Evaluasi kinerja operasional dan strategi pemeliharaan instalasi pengolahan air minum berbasis kepatuhan regulasi. *Infomatek, 27*(2), 237–244. https://www.researchgate.net/publication/400192137_Evaluasi_Kinerja_Operasional_dan_Strategi_Pemeliharaan_Instalasi_Pengolahan_Air_Minum_Berbasis_Kepatuhan_Regulasi_Studi_Kasus_IPA_X

Richter, B. D., Mathews, R., Harrison, D. L., & Wigington, R. (2003). Ecologically sustainable water management: Managing river flows for ecological integrity. *Ecological Applications, 13*(1), 206–224. https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1890/1051-0761(2003)013%5B0206:ESWMMR%5D2.0.CO%3B2

Ridho, M., Rachman, A., & Fitria, N. (2024). Analisis kualitas air yang didistribusikan ke pelanggan pada Zona Banjarmasin Utara PAM Bandarmasih. *Enviro Scienteae, 20*(3), 115–124. https://ppjp.ulm.ac.id/journal/index.php/es/article/view/20269

Rizki, M. (2023). Restorasi air sungai sebagai wujud implementasi river engineering di Indonesia. *International Journal of Evaluation and Research in Engineering, 5*(3), 1–15. https://www.researchgate.net

Rohmawati, Y., & Kustomo, A. (2020). Analisis kualitas air pada reservoir PDAM Kota Semarang menggunakan uji parameter fisika, kimia, dan mikrobiologi serta dikombinasikan dengan analisis kemometri. *Jurnal Neo Teknika, 4*(1), 25–36. https://journal.walisongo.ac.id/index.php/wjc/article/view/6603

Safriel, M., & Abdi, C. (2022). Penentuan status mutu air Sungai Martapura di Kota Banjarmasin menggunakan metode Storet. *Jukung: Jurnal Teknik Lingkungan, 8*(2), 44–49.

UNIVERSITAS GADJAH MADA
Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

https://ppjp.ulm.ac.id/journal/index.php/jukung/article/view/14909/8649

Sahputra, W., Kissinger, Sofarini, D., & Rukmini. (2024). Kajian parameter kimia, fisik, dan mikrobiologi sebagai bahan baku air minum dalam kemasan di Balai Pengelola Air Minum Banjarbakula. *EnviroScienteae, 20*(4), 381–386. https://garuda.kemdiktisaintek.go.id/documents/detail/4724686

Sari, E. K., & Wijaya, O. E. (2019). Penentuan status mutu air dengan metode indeks pencemaran dan strategi pengendalian pencemaran Sungai Ogan Kabupaten Ogan Komering Ulu. *Jurnal Ilmu Lingkungan, 17*(3), 486–491. https://ejournal.undip.ac.id/index.php/ilmulingkungan/article/view/25562

Schuitema, G., Hooks, T., & McDermott, F. (2020). Water quality perceptions and private well management: The role of perceived risks, worry, and control. *Journal of Environmental Management, 268*, 10724. https://www.researchgate.net/publication/341064673

Setiawan, A., Nurrahman, D., & Prasetyo, R. (2021). Kajian pengaruh kebocoran jaringan pipa terhadap kualitas air distribusi di sistem penyediaan air minum. *Jurnal Teknik Lingkungan, 27*(2), 101–110. https://doi.org/10.29122/jtl.v27i2.5103

Sharma, A., Gupta, A., & Rawat, S. (2018). Total suspended solids and their effects on water quality and aquatic life. *Environmental Pollution, 242*, 187–199. https://doi.org/10.1016/j.envpol.2018.06.020

Soeharto, B., & Unisba, B. (2004). Hubungan timbal balik antara manusia dan alam. *Kemdikbud.go.id.* http://download.garuda.kemdikbud.go.id/article.php?article=1382954&val=1588&title=Hubungan%20Timbal%20Balik%20Antara%20Manusia%20dan%20Alam

Sofia, D. R. (2019). Perbandingan hasil disinfeksi menggunakan ozon dan sinar ultraviolet terhadap kandungan mikroorganisme pada air minum isi ulang. *Agroscience, 9*(1), 82–92. https://jurnal.unsur.ac.id/index.php/agroscience/article/view/636

Sukarna, R. M. (2021). Interaksi manusia dan lingkungan dalam perspektif antroposentrisme, antropogeografi, dan ekosentrisme. *Jurnal Hutan Tropika, 9*(2), 45–53. https://e-journal.upr.ac.id/index.php/JHT/article/download/2969/2986

Sumiati, E., Rahman, A., & Fauzi, M. (2018). Pengaruh kualitas pelayanan dan lingkungan kerja fisik terhadap kepuasan pelanggan PDAM Muara Teweh Kabupaten Barito Utara. *Jurnal Bisnis dan Pembangunan, 7*(2), 55–63.

Suryani, N. (2016). Persepsi masyarakat terhadap kualitas air dan pelayanan PDAM di Kota Palembang. *Jurnal Manajemen Lingkungan dan Kesehatan Masyarakat, 3*(1), 33–41. https://journal.fkm.unsri.ac.id/index.php/jmlkm/article/view/321

Susanto, A., & Zannah, R. (2024). Penilaian kualitas air baku untuk air minum di area Concentrating Division PT Freeport Indonesia. *Jurnal Sumber Daya Alam, 12*(4), 210–219. https://www.researchgate.net/publication/377846253

Suseno, N. V., & Widyastuti, M. (2017). Analisis kualitas air PDAM Tirta Manggar Kota Balikpapan. Skripsi S1 Geografi dan Ilmu Lingkungan, Universitas Gadjah Mada. Tersedia di ETD Universitas Gadjah Mada.

Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat
Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

https://etd.repository.ugm.ac.id/penelitian/detail/107101

Tarek, M. B., Salah, B., & El Hadi, M. (2021). Influence of dissolved solids on water quality and its suitability for consumption. *Science of the Total Environment, 788*, 147755. https://doi.org/10.1016/j.scitotenv.2021.147755

Valiant, R. (2014). Pengelolaan daerah aliran sungai secara terpadu dan berkelanjutan di Indonesia. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan, 4*(2), 112–121. https://doi.org/10.29244/jpsl.4.2.112-121

Van Nevel, S., Koetzsch, S., Weilenmann, H. U., Boon, N., & Hammes, F. (2017). Routine bacterial analysis with flow cytometry reveals dynamics of drinking water microbiology. *Water Research, 113*, 191–200. https://pubmed.ncbi.nlm.nih.gov/23684992/

Wahidah, N. (2010). Analisis faktor sosial ekonomi yang mempengaruhi persepsi masyarakat terhadap kualitas air minum di perkotaan. *Jurnal Kesehatan Lingkungan Indonesia, 9*(2), 85–94.

Widyastuti, M., Santosa, L. W., & Baihaqi, I. (2014). Kajian persepsi masyarakat terhadap kualitas air perusahaan daerah air minum (PDAM) Kota Kolaka. *Universitas Gadjah Mada.*

Xiang, X., Li, Q., Khan, S., & Khalaf, O. I. (2021). Urban water resource management for sustainable environment planning using artificial intelligence techniques. *Environmental Impact Assessment Review, 85*(4), 35–48. https://www.journals.elsevier.com/environmental-impact-assessment-review

Yohannes, M., Rahman, D., & Putri, A. (2024). Kajian kualitas air sungai dan upaya pengendalian pencemaran air: Studi di Sungai Krukut, Jakarta Selatan. *Spatial Review for Sustainable Development, 1*(2), 33–48. https://journal.unj.ac.id/unj/index.php/ijeem/article/view/11358

Zahir, F., Rizwi, S. J., Haq, S. K., & Khan, R. H. (2020). Low dose mercury toxicity and human health. *Environmental Toxicology and Pharmacology, 80*, 103376. https://doi.org/10.1016/j.etap.2020.103376\

B. BUKU

Asdak, C. (2010). *Hidrologi dan pengelolaan daerah aliran sungai.* Yogyakarta: Gadjah Mada University Press.

Bennet, N. J., & Pritchard, R. (2017). *Human dimensions of environmental change: Understanding socio-ecological systems.* Cambridge: Cambridge University Press.

Chapin, F. S., Matson, P. A., & Vitousek, P. M. (1996). *Principles of terrestrial ecosystem ecology.* New York: Springer.

Creswell, J. W., & Plano Clark, V. L. (2018). *Designing and Conducting Mixed Methods Research* (3rd ed.). Thousand Oaks, CA: Sage Publications.

Creswell, J. W., & Plano Clark, V. L. (2023). *Designing and Conducting Mixed Methods Research* (4th ed.). Thousand Oaks, CA: Sage Publications.

Dahlan, A., & Anwar, S. (2016). *Manajemen sumber daya air: Konsep dan implementasi.* Bandung: Alfabeta.

Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat
Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Edzwald, J. K. (2011). *Water Quality & Treatment: A Handbook on Drinking Water* (6th ed.). New York: McGraw-Hill.

Effendi, H. (2003). *Telaah kualitas air bagi pengelolaan sumber daya dan lingkungan perairan*. Yogyakarta: Kanisius

Fardiaz, S. (1992). *Polusi air dan udara.* Yogyakarta: Kanisius.

Kodoatie, R. J., & Syarief, R. (2005). *Pengelolaan sumber daya air terpadu.* Yogyakarta: Andi.

Kotler, P., & Keller, K. L. (2016). *Marketing Management* (15th ed.). New York: Pearson.

Miles, M. B., Huberman, A. M., & Saldaña, J. (2014). *Qualitative Data Analysis: A Methods Sourcebook* (3rd ed.). Thousand Oaks, CA: Sage Publications.

Miller, G. T., & Spoolman, S. E. (2021). *Environmental Science* (16th ed.). Boston: Cengage Learning.

Mintzberg, H., Ahlstrand, B., & Lampel, J. (1998). *Strategy safari: A guided tour through the wilds of strategic management.* New York: Free Press.

Moran, E. F. (2011). *Environmental social science: Human–environment interactions and sustainability.* Chichester, UK: Wiley-Blackwell.

Odum, E. P. (1997). *Ecology: A bridge between science and society.* Sunderland, MA: Sinauer Associates.

Pranoto, S., & Wijaya, A. (2022). *Partisipasi masyarakat dalam pengelolaan sumber daya air.* Surabaya: Airlangga University Press.

Rahawarin, Y. (2019). *Strategi pengelolaan lingkungan hidup berkelanjutan di Indonesia.* Jakarta: Mitra Wacana Media.

Robbins, S. P., & Judge, T. A. (2022). *Organizational Behavior* (19th ed.). Harlow: Pearson.

Sachs, J. D. (2015). *The age of sustainable development.* New York: Columbia University Press.

Sawyer, C. N., McCarty, P. L., & Parkin, G. F. (2003). *Chemistry for environmental engineering and science* (5th ed.). New York: McGraw-Hill.

Soemarwoto, S. (2006). *Lingkungan hidup dan ekosistem.* Jakarta: Ghalia Indonesia.

Sugiyono. (2018). *Metode penelitian kombinasi (mixed methods)*. Bandung: Alfabeta.

Sugiyono. (2019). *Metode penelitian kuantitatif, kualitatif, dan R&D*. Bandung: Alfabeta.

Sunaryo. (2006). *Teknologi penyediaan air bersih.* Bandung: ITB Press.

Sutrisno, N. (2005). *Teknologi penyediaan air bersih.* Yogyakarta: Andi Offset.

Tchobanoglous, G., & Burton, F. L. (2014). *Wastewater engineering: Treatment and reuse* (5th ed.). New York: McGraw-Hill.

Tortora, G. J., Funke, B. R., & Case, C. L. (2018). *Microbiology: An introduction* (13th ed.). New York: Pearson.

Walgito, B. (2010). *Pengantar Psikologi Umum*. Yogyakarta: Andi.

Wetzel, R. G. (2001). *Limnology: Lake and river ecosystems* (3rd ed.). San Diego, CA: Academic Press.

C. PERATURAN PERUNDANGAN

Kementerian Kesehatan Republik Indonesia. (2023). *Peraturan Menteri Kesehatan Republik Indonesia Nomor 2 Tahun 2023 tentang Peraturan Pelaksanaan*

UNIVERSITAS GADJAH MADA
Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat Kota Banjarmasin
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Peraturan Pemerintah Nomor 66 Tahun 2014 tentang Kesehatan Lingkungan. Berita Negara Republik Indonesia Tahun 2023 Nomor 55. https://peraturan.bpk.go.id/Details/245563/permenkes-no-2-tahun-2023

Kementerian Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia. (2016). *Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor 27/PRT/M/2016 tentang Penyelenggaraan Sistem Penyediaan Air Minum*. Berita Negara Republik Indonesia Tahun 2016 Nomor 1154. https://peraturan.bpk.go.id/Details/104463/p

Kementerian Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia. (2020). *Peraturan Menteri PUPR Nomor 4 Tahun 2020 tentang Prosedur Operasional Standar Penyelenggaraan Sistem Penyediaan Air Minum*. https://jdih.pu.go.id/detail-dokumen/PermenPUPR-nomor-4-tahun-2020-tahun-2020-Prosedur-Operasional-Standar-Penyelenggaraan-Sistem-Penyediaan-Air-Minum

Pemerintah Republik Indonesia. (2015). *Peraturan Pemerintah Republik Indonesia Nomor 122 Tahun 2015 tentang Sistem Penyediaan Air Minum*. Lembaran Negara Republik Indonesia Tahun 2015 Nomor 345. https://peraturan.bpk.go.id/Details/5701/pp-no-122-tahun-2015

Peraturan Pemerintah Republik Indonesia Nomor 22 Tahun 2021 tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup.

Republik Indonesia. (2009). *Undang-Undang Republik Indonesia Nomor 32 Tahun 2009 tentang Perlindungan dan Pengelolaan Lingkungan Hidup*. https://peraturan.bpk.go.id/Details/38771/uu-

Republik Indonesia. (2012). *Peraturan Pemerintah Republik Indonesia Nomor 37 Tahun 2012 tentang Pengelolaan Daerah Aliran Sungai*. Jakarta: Sekretariat Negara.

D. LAPORAN INSTITUSI, STANDAR, DAN DOKUMEN RESMI

Agency for Toxic Substances and Disease Registry (ATSDR). (2021). *Toxicological profile for mercury.* U.S. Department of Health and Human Services, Public Health Service.

American Water Works Association. (2017). *Water Quality in Distribution Systems.* Denver: American Water Works Association.

APHA, AWWA, & WEF. (2017). *Standard Methods for the Examination of Water and Wastewater* (23rd ed.). Washington, DC: American Public Health Association.

APHA, AWWA, & WEF. (2023). *Standard Methods for the Examination of Water and Wastewater* (24th ed.). Washington, DC: American Public Health Association.

Badan Pusat Statistik (BPS). (2023). *Kota Banjarmasin dalam angka 2023.* BPS Kota Banjarmasin. https://banjarmasinkota.bps.go.id/publication.html

European Environment Agency. (1999). *Environmental indicators: Typology and overview*. Technical Report No. 25. Copenhagen: European Environment Agency. https://www.atsdr.cdc.gov/ToxProfiles/tp46.pdf

UNIVERSITAS
GADJAH MADA
**Kajian Pengelolaan Kualitas Air Minum PT Air Minum Bandarmasih (Perseroda) Di Zona Banjarmasin Barat
Kota Banjarmasin**
Nadila Rusma Ramadhani, Dr. Margaretha Widyastuti, M.T., ; Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.,
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kamus Besar Bahasa Indonesia. (2024). *Masyarakat*. Badan Pengembangan dan Pembinaan Bahasa, Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi.

PT Air Minum Bandarmasih (Perseroda). (2024). *Laporan kinerja PT Air Minum Bandarmasih (Perseroda) tahun 2024.* Banjarmasin: PT Air Minum Bandarmasih (Perseroda).

UNEP. (2016). *A snapshot of the world's water quality: Towards a global assessment.* Nairobi: United Nations Environment Programme.

United Nations Environment Programme (UNEP). (2019). *Global mercury assessment 2018.* Geneva: UNEP.

World Health Organization. (2017). *Guidelines for drinking-water quality* (4th ed., incorporating the 1st addendum). Geneva: World Health Organization. https://www.who.int/publications/i/item/9789241549950

World Health Organization. (2021). *Guidelines for drinking-water quality: Fourth edition incorporating the first addendum.* Geneva: World Health Organization.

World Health Organization. (2022). *Guidelines for drinking-water quality: Fourth edition incorporating the first and second addenda*. https://iris.who.int/server/api/core/bitstreams/69c17edd-ee26-425b-9d34-33799377e886/content

World Health Organization. (2023). *Water safety plan manual: Step-by-step risk management for drinking-water suppliers* (2nd ed.). Geneva: WHO.

WWAP (World Water Assessment Programme). (2023). *World water assessment programme: Water for sustainable living.* Paris: United Nations Educational, Scientific and Cultural Organization (UNESCO).