DAFTAR PUSTAKA

[1] M. Kesehatan and R. Indonesia, "Peraturan Menteri Kesehatan Nomor : 416 / MEN . KES / PER / IX / 1990 Tentang Syarat-syarat Dan Pengawasan Kualitas Air," 1990.

[2] Lisa Guppy and Kelsey Anderson, *Global Water Crisis*. Canada, 2017.

[3] A. J. De Roos, P. L. Gurian, L. F. Robinson, A. Rai, I. Zakeri, and M. C. Kondo, "Review of Epidemiological Studies of Drinking-Water Turbidity in Relation to Acute Gastrointestinal Illness," vol. 2007, p. 19, 2014.

[4] M. Deddy, O. Marpaung, and D. Marsono, "Uji Kualitas Air Minum Isi Ulang di Kecamatan Sukolilo Surabaya Ditinjau dari Perilaku dan Pemeliharaan Alat," vol. 2, no. 2, pp. 2–6, 2013.

[5] K. Azhar, I. Dharmayanti, and A. Anwar, "Pengaruh Akses Air Minum Terhadap Kejadian Penyakit Tular Air (Diare dan Demam Tifoid) (The Influence of Drinking Water Access on the Occurrence of Water-borne Diseases (Diarrhea and Typhoid)," no. 29, pp. 107–114, 2014.

[6] D. Dari, P. Organik, D. Dan, and B. Coli, "Kondisi Kualitas Air Sungai Ciliwung Di Wilayah DKI JAKARTA," vol. 6, no. 1, 2010.

[7] K. A. Alexander, M. Carzolio, D. Goodin, and E. Vance, "Climate Change is Likely to Worsen the Public Health Threat of Diarrheal Disease in Botswana," pp. 1202–1230, 2013.

[8] M. K. Daud *et al.*, "Drinking Water Quality Status and Contamination in Pakistan," vol. 2017, p. 18, 2017.

[9] Yuki Water Treatment, "penyakit akibat krisis air bersih," *8 september*, 2011. [Online]. Available: https://yukiwaterfilter.wordpress.com/. [Accessed: 05-Nov-2017].

[10] Menteri Kesehatan Republik Indonesia, "PMK No. 492 Persyaratan Kualitas Air Minum," 492, 2010.

[11] A. Fairuz, B. Omar, M. Zubir, and B. Matjafri, "Turbidimeter Design and Analysis: A Review on Optical Fiber Sensors for the Measurement of Water

Turbidity," pp. 8311–8335, 2009.

[12] wahyu guretno, "Turbidimeter Berbasis Mikrokontroler dengan Penyimpanan Internal," 2016.

[13] M. Sulhan and A. Purwanto, "Perancangan Alat Pendeteksi Tingkat Kekeruhan Air Pada Kamar Mandi Berbasis Mikrokontroler Atmega 8535," 2013.

[14] E. I. Prest, F. Hammes, and M. C. M. Van Loosdrecht, "Biological Stability of Drinking Water : Controlling Factors , Methods , and Challenges," vol. 7, no. February, pp. 1–24, 2016.

[15] J. A. Elektronika and T. Elektronika, "Pengertian Dan Kelebihan Mikrokontroler," 2012. .

[16] T. Atmel, H. Performance, L. Power, A. Avr, and M. Family, *ATmega328 / P*. 2016.

[17] R. H. Sudhan, M. G. Kumar, A. U. Prakash, S. A. N. U. R. Devi, and P. Sathiya, "Arduino ATMEGA-328," vol. 3, no. 4, pp. 27–29, 2015.

[18] E. Period, "datasheet sensor photodioda PD204-6C / L3," 2018.

[19] I. Journal and F. O. R. Engineering, "16x2 Alphanumeric Liquid Crystal Display," no. C, pp. 27–29.

[20] M. Typ Max, "LCD-016M002B 16x2 Character LCD Absolute Maximum Rating Item Symbol Standard Value Unit Electrical Spesifications," 2002.

[21] M. T. Afif, I. Ayu, and P. Pratiwi, "Analisis Perbandingan Baterai Lithium-ion , Lithium-polymer , Lead Acid Dan Nickel-Metal Hydride Pada Penggunaan Mobil Listrik - Review," vol. 6, no. 2, pp. 95–99, 2015.

[22] L. I. R. Datasheet, "Lithium-ion Battery Datasheet," 2010.