

DAFTAR PUSTAKA

- Wahab. (2021). Potential Analysis and Development Plan Touris Object Banyis Waterfall in the Village of the Works Competition of Ledo District Bengkayaang District. *Cross-Border Journal of Businees Management*, 1(1), 189–203.
- Hadijah Putri, Andi Chairil Ichsan, & Budhy Setiawan. (2020). The Potential Study Of Segenter Waterfall As A Tourist Destination In The Tahura Nuraksa. *Journal of Sylva Indonesiana*, 3(02), 97–106.
- Dora, M., Purwanto, D., & Siregar, R. S. (2023). Efforts To Improve Clean Water Qualitythrough The Community Self-Help Group Program(Case Study Of Ngemplak Village). *Jurnal Ilmiah PLATAX*, 12(1), 92–106.
- Revansyah, M. A., Men, L. K., Setianto, S., F, F., Safriani, L., & Aprilia, A. (2023). Analisis Tds, Ph, Dan Cod Untuk Mengetahui Kualitas Air Di Desa Cilayung. *Jurnal Material Dan Energi Indonesia*, 12(02), 43.
<https://doi.org/10.24198/jme.v12i02.41305>.
- Putra, Y. E., Badaruddin, B., & Asysyifa, A. (2021). Analisis Kualitas Air Terjun Mandin Mangapan Di Desa Paramasan Atas Kabupaten Banjar Kalimantan Selatan. *Jurnal Sylva Scienteae*, 4(6), 1007. <https://doi.org/10.20527/jss.v4i6.4574>.
- Woolway, R. I., Sharma, S., & Smol, J. P. (2022). Lakes in hot water: the impacts of a changing climate on aquatic ecosystems. *BioScience*, 72(11), 1050-1061.
- Cheng, S., Meng, F., Wang, Y., Zhang, J., & Zhang, L. (2024). The potential linkage between sediment oxygen demand and microbes and its contribution to the dissolved oxygen depletion in the Gan River. *Frontiers in Microbiology*, 15, 1413447.
- Irawan, A., & Asli, F. (2020). Analisis Kualitas Air Sungai Batang Salido di Kecamatan IV Jurai. *Cived*, 7(3), 181. <https://doi.org/10.24036/cived.v7i3.111971>.
- Rahmawati, S. D., & Siwiendrayanti, A. (2023). Analisis Parameter Kunci Kualitas Air Sungai Kaligarang Menggunakan Metode Water Pollution Index. *HIGEIA (Journal of Public Health Research And Development)*, 7(2), 186–196.
<https://journal.unnes.ac.id/sju/index.php/higeia/article/view/64299%0Ahttps://journal.unnes.ac.id/sju/index.php/higeia/article/download/64299/24779>.
- Cendikia, M. R., & Mayasari, E. D. (2022). Uji Kualitas Air Tanah Menggunakan Analisis Fisika Dan Kimia Pada Daerah Muara Bulian, Kabupaten Batanghari, Provinsi Jambi. *Jurnal Pertambangan*, 5(4), 179–184.
<https://doi.org/10.36706/jp.v5i4.965>.
- Zhong, M., Liu, S., Li, K., Jiang, H., Jiang, T., & Tang, G. (2021). Modeling spatial patterns of dissolved oxygen and the impact mechanisms in a cascade river. *Frontiers in Environmental Science*, 9, 781646.
- Fitrianah, L., & Fawaid, A. S. (2023). Analisis Kualitas Air di Sungai Banjarkemantren

- Area Industri Menggunakan Metode Indeks Pencemaran. *G-Tech: Jurnal Teknologi Terapan*, 7(3), 1292–1297. <https://doi.org/10.33379/gtech.v7i3.2915>.
- Djana, M. (2023). Analisis Kualitas Air Dalam Pemenuhan Kebutuhan Air Bersih Di Kecamatan Natar Hajimena Lampung Selatan. *Jurnal Redoks*, 8(1), 81–87.
- Mukti, G. T., Prayogo, T. B., & Haribowo, R. (2021). Studi Penentuan Status Mutu Air dengan Menggunakan Metode Indeks Pencemaran dan Metode Water Quality Index (WQI) Di Sungai Donan Cilacap, Jawa Tengah. *Jurnal Teknologi Dan Rekayasa Sumber Daya Air*, 1(1), 238–251. <https://doi.org/10.21776/ub.jtresda.2021.001.01.21>.
- Xu, H., Tan, X., Liang, J., Cui, Y., & Gao, Q. (2022). Impact of Agricultural Non-Point Source Pollution on River Water Quality: Evidence From China. *Frontiers in Ecology and Evolution*, 10(April), 1–11.
- Goudie, A. S. (2020). Waterfalls: Forms, Distribution, Processes and Rates of Recession. *Quaestiones Geographicae*, 39(1), 59–77. <https://doi.org/10.2478/quageo-2020-0005>.
- Zhu, K. (2023). Impact of water–tourism–ecosystem nexus on the sustainable development of eco-city. *Water Supply*, 23(5), 2233–2247.
- Khan, W. A., Ali, S., & Shah, S. A. (2022). Water Pollution: Sources and Its Impact on Human Health, Control and Managing. *Journal of International Cooperation and Development*, 5(1), 69. <https://doi.org/10.36941/jicd-2022-0005>.
- Silalahi, F. R. W., Zainuri, M., & Wulandari, S. Y. (2023). Studi Kandungan Logam Berat Timbal (Pb) dan Seng (Zn) di Perairan Muara Sungai Cisadane Kabupaten Tangerang. *Indonesian Journal of Oceanography*, 5(1), 01–06. <https://doi.org/10.14710/ijoce.v5i1.14564>.
- Rohmawati, Y., & Kustomo, K. (2020). Analisis Kualitas Air pada Reservoir PDAM Kota Semarang Menggunakan Uji Parameter Fisika, Kimia, dan Mikrobiologi, serta Dikombinasikan dengan Analisis Kemometri. *Walisongo Journal of Chemistry*, 3(2), 100. <https://doi.org/10.21580/wjc.v3i2.6603>.
- Moloantoa, K. M., Khetsha, Z. P., van Heerden, E., Castillo, J. C., & Cason, E. D. (2022). Nitrate Water Contamination from Industrial Activities and Complete Denitrification as a Remediation Option. *Water (Switzerland)*, 14(5), 1–31. <https://doi.org/10.3390/w14050799>.
- Wang, M., Chen, L., Wu, L., Zhang, L., Xie, H., & Shen, Z. (2022). Review of Nonpoint Source Pollution Models: Current Status and Future Direction. *Water (Switzerland)*, 14(20). <https://doi.org/10.3390/w14203217>.
- Wei, H., Rao, Y., Liu, J., Wang, Y., & Cao, Y. (2024). Impact on urban river water

quality and pollution control of water environmental management projects based on SMS-Mike21 coupled simulation. *Scientific Reports*, 14(1), 1–12. <https://doi.org/10.1038/s41598-024-57201-z>
<https://doi.org/10.3389/fevo.2022.858822>.

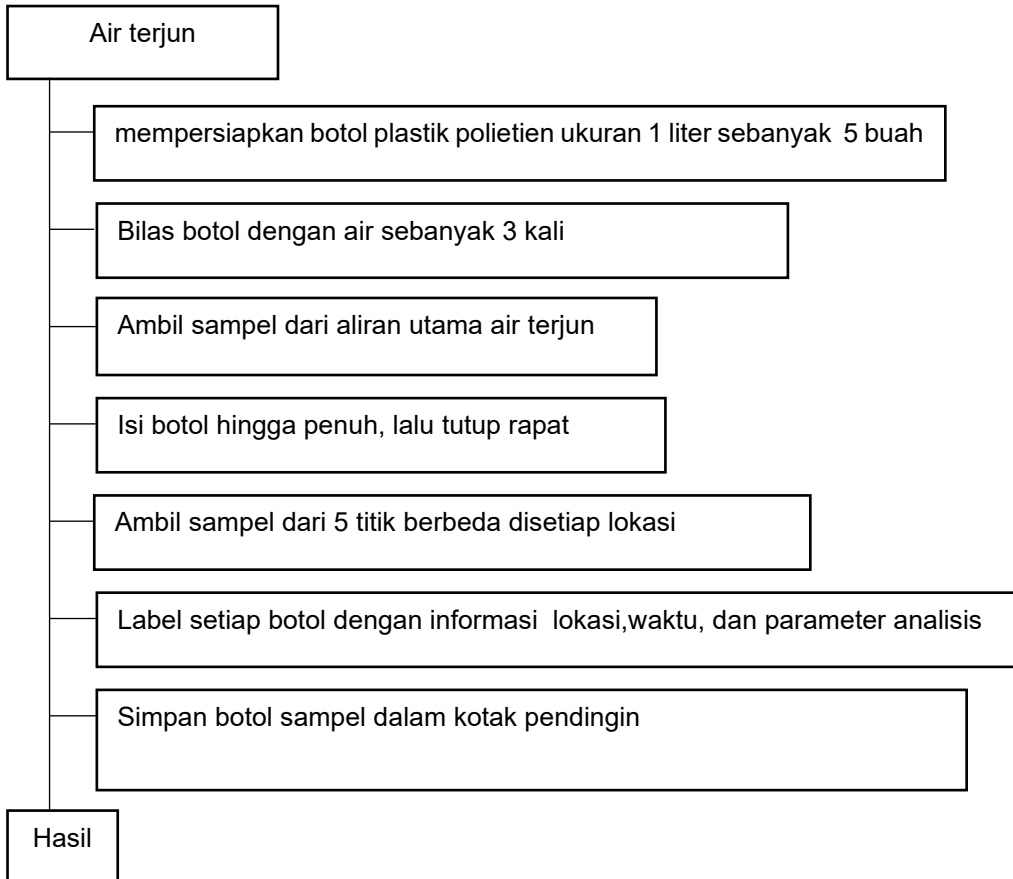
Morseletto, P., Mooren, C. E., & Munaretto, S. (2022). Circular Economy of Water: Definition, Strategies and Challenges. *Circular Economy and Sustainability*, 2(4), 1463–1477. <https://doi.org/10.1007/s43615-022-00165-x>.

Santoso, B., Wulandari, S., & Putra, I. (2023). "Pengaruh Suhu Air terhadap Kenyamanan Wisatawan dalam Aktivitas Rekreasi Air". *Journal of Environmental Management*, 58(2), 203-215.

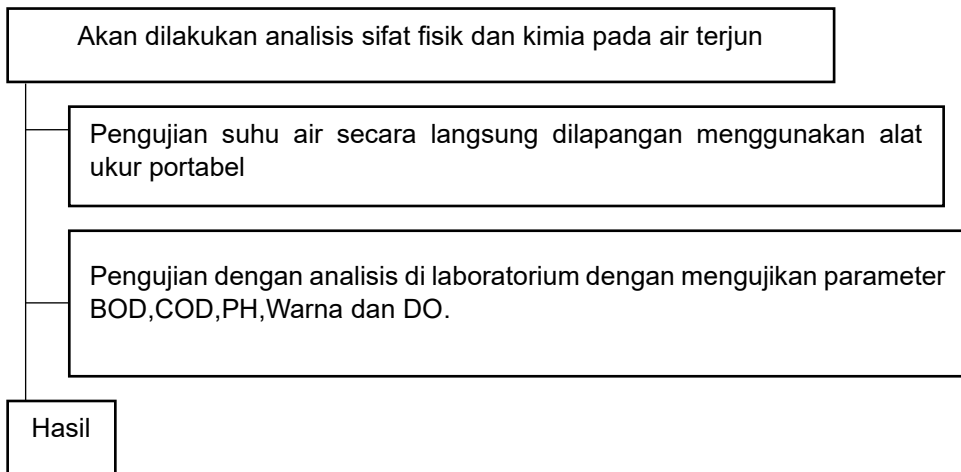
LAMPIRAN 1

Prosedur Kerja

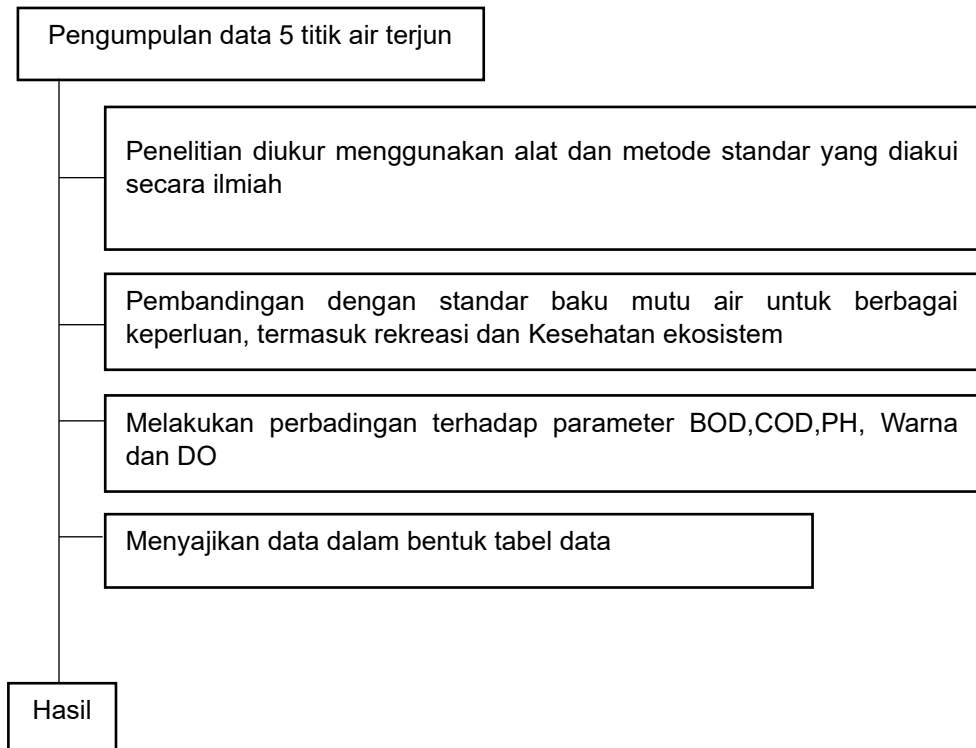
1. Pengambilan sampel air terjun



2. Analisis sifat fisik dan kimia



Analisis Data



LAMPIRAN 2

Hasil laboratorium sampel air terjun 1-3



Kemenkes

Kementerian Kesehatan
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LAPORAN HASIL UJI
Report of Analysis
No : 24002578 - 24002580 / LHU / BBLK-MKS / II / 2024

Nama Customer : **A M R I**
 Customer Name :
 Alamat : **BTP Jl. Kejayaan Blok K 447**
 Address :
 Jenis Sampel : **Air Terjun**
 Type of Sample (S) :
 No. Sampel : **24002578 - 24002580**
 No. Sample :
 Tanggal Penerimaan : **06 Februari 2024**
 Received Date : **February 06, 2024**
 Tanggal Pengujian : **06 Februari 2024**
 Test Date : **February 06, 2024**

s/d **13 Februari 2024**
 to **February 13, 2024**

HASIL PEMERIKSAAN

No	No. Lab	Kode Sampel	Parameter	Satuan	Hasil Uji	Spesifikasi Metode
1	24002578	Taipa	BOD	mg/L	1,53	SNI 6989.72 - 2009
			COD	mg/L	3,88	SNI 6989.2 - 2019
			pH	-	8,52	SNI 6989.11 - 2019
			Warna	TCU	5	SNI 06 - 6989.24 - 2005
			DO	mg/L	9,04	SNI 06 - 2425 - 1991
2	24002579	Merdeka	BOD	mg/L	1,38	SNI 6989.72 - 2009
			COD	mg/L	3,47	SNI 6989.2 - 2019
			pH	-	8,04	SNI 6989.11 - 2019
			Warna	TCU	5	SNI 06 - 6989.24 - 2005
			DO	mg/L	9,22	SNI 06 - 2425 - 1991
3	24002580	Tujua	BOD	mg/L	1,74	SNI 6989.72 - 2009
			COD	mg/L	4,38	SNI 6989.2 - 2019
			pH	-	8,45	SNI 6989.11 - 2019
			Warna	TCU	5	SNI 06 - 6989.24 - 2005
			DO	mg/L	9,71	SNI 06 - 2425 - 1991

Catatan : 1 Hasil uji ini berlaku untuk sampel yang diuji
Note : The analytical result are only valid for the tested sample

2 Laporan hasil uji ini terdiri dari 1 halaman
 The report of analysis consists of 1 page

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Makassar 19 Februari 2024
 Koordinator Pelayanan,

Dr. IRMAWATY HAERUDDIN
 NIP : 19830222201012001

Hasil laboratorium sampel air terjun 4



Kemenkes

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LAPORAN HASIL UJI
Report of Analysis
No : 24002863 / LHU / BBLK-MKS / II / 2024

Nama Customer : **A M R I**
 Customer Name :
 Alamat : BTP Jl. Kejayaan Blok K 447
 Address :
 Jenis Sampel : Air Terjun Parangloe
 Type of Sample (S) :
 No. Sampel : 24002863
 No. Sample :
 Tanggal Penerimaan : 12 Februari 2024
 Received Date : February 12, 2024
 Tanggal Pengujian : 12 Februari 2024 s/d 19 Februari 2024
 Test Date : February 12, 2024 to February 19, 2024

HASIL PEMERIKSAAN

No	No. Lab	Kode Sampel	Parameter	Satuan	Hasil Uji	Spesifikasi Metode
1	24002863	Belapunranga Parangloe Gowa	BOD	mg/L	2,33	SNI 6989.72 - 2009
			COD	mg/L	2,7	SNI 6989.2 - 2019
			pH	-	8,79	SNI 6989.11 - 2019
			Wama	TCU	10	SNI 06 - 6989.24 - 2005
			DO	mg/L	8,44	SNI 06 - 2425 - 1991

Catatan : 1 Hasil uji ini berlaku untuk sampel yang diuji
Note : The analytical result are only valid for the tested sample
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Makassar, 19 Februari 2024
 Koordinator Pelayanan,

Dr. IR. WATIY HAERUDDIN
 NIP. 197309278201012001



Hasil laboratorium sampel air terjun 5



Kemenkes

Kementerian Kesehatan
Labkesmas Makassar I

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Makassar 90245

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LAPORAN HASIL UJI
Report of Analysis
No : 24002864 / LHU / BBLK-MKS / II / 2024

Nama Customer : **A M R I**

Customer Name : **A M R I**

Alamat : **BTP Jl. Kejayaan Blok K 447**

Address : **BTP Jl. Kejayaan Blok K 447**

Jenis Sampel : **Air Terjun Monrusu**

Type of Sample (S) : **Air Terjun Monrusu**

No. Sampel : **24002864**

No. Sample : **24002864**

Tanggal Penerimaan : **12 Februari 2024**

Received Date : **February 12, 2024**

Tanggal Pengujian : **12 Februari 2024** s/d **19 Februari 2024**

Test Date : **February 12, 2024** to **February 19, 2024**

HASIL PEMERIKSAAN

No	No. Lab	Kode Sampel	Parameter	Satuan	Hasil Uji	Spesifikasi Metode
1	24002864	Belapunranga Kec. Parangloe Kab.Gowa	BOD	mg/L	6,48	SNI 6989.72 - 2009
			COD	mg/L	16,2	SNI 6989.2 - 2019
			pH	-	9,32	SNI 6989.11 - 2019
			Wama	TCU	7,5	SNI 06 - 6989.24 - 2005
			DO	mg/L	8,53	SNI 06 - 2425 - 1991

Catatan : 1 Hasil uji ini berlaku untuk sampel yang diuji

Note : The analytical result are only valid for the tested sample

2 Laporan hasil uji ini terdiri dari 1 halaman

The report of analysis consists of 1 page

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Makassar, 19 Februari 2024

Koordinator Pelayanan,

dr. IRMAWATI HAERUDDIN

NIP. 19850228201012001

