



EXECUTIVE AGENCY
BULGARIAN ACCREDITATION SERVICE

BAS reg. № 218 ЛИ

From: 05.06.2024

Valid until: 30.07.2025

CERTIFICATE OF ACCREDITATION

VODOSNABDYAVANE – DUNAV EOOD WATER TESTING LABORATORY

Management address:

7200 Razgrad, 3A Slivnitsa Str.

Laboratory address:

7200 Razgrad, Western Industrial Zone, Balchik Str.

UIC: 826043778

Scope of accreditation

To perform testing of:

Drinking water. Groundwater. Wastewater. Surface water.

To perform sampling of:

Drinking water. Groundwater. Wastewater.

ACCREDITED ACCORDING TO БДС EN ISO/IEC 17025:2018

Order № A 229/05 06.2024 is an integral part of the certificate of accreditation, total 4 pages.

Date of initial accreditation: 03.04.2009

Date of re-accreditation: 30.07.2021

Executive Director:

Eng. Irena Borislavova



EA BAS

BG 2024133



ORDER

№ A 229

Sofia, 05.06.2024

Pursuant to Art. 10, para. 1, item 3, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 7 of the BAS QR 2 Accreditation Procedure in connecton with an open procedure reg. № 76/218 ЛИ/ПО/11.08.2023, report reg. № 76/218 ЛИ/ПО/5/В/28.12.2023, declaration reg. № 76/218 ЛИ/5/П/20.12.2023 and statement of the Accreditation Commission reg. № 76/218 ЛИ/ПО/2/В/21.05.2024, I hereby

EXTEND THE SCOPE OF ACCREDITATION

**of Vodосnabdyavane – Dunav EOOD
Water Testing Laboratory**

Management address: 7200 Razgrad, 3A Slivnitsa Str.

Laboratory address: 7200 Razgrad, Western Industrial Zone, Balchik Str.

To perform testing of:

Type of the scope: fixed			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Drinking water (1)	1.1. Color (according to Rublyov Scale)	БДС 8451:1977 (1)
	Groundwater (2)	1.2. Taste	БДС 8451:1977 (1)
		1.3. Odour (at 20° C)	БДС 8451:1977 (1)
	Wastewater (3)	1.4. Electrical conductivity	БДС EN 27888:2000 (1,2,3,4)
	Surface water (4)	1.5. Active reaction	БДС 3424:1981 (1) БДС 17.1.4.27:1980 (2,3,4)
		1.6. Chlorides	БДС 3414:1980 (1) ВЛМ 01/2006 (1, 2, 3, 4)
		1.7. Ammonium ions	ВЛМ 04/2006 (1, 2)
		1.8. Nitrites /Nitrite nitrogen	ВЛМ 03/2006 (1, 2, 3, 4)
		1.9. Nitrates / Nitrate nitrogen	ВЛМ 02/2006 (1, 2, 3, 4)
		1.10. Phosphates / Phosphates (such as phosphorus)	ВЛМ 14/2021 (1, 2, 3, 4)
		1.11. Total hardness / Sum of calcium and magnesium	БДС 3775:1987 (1) БДС ISO 6059:2002 (1, 2, 4)
		1.12. Calcium	БДС ISO 6058:2002 (1, 2) ВЛМ 19/2007 (1, 2)
		1.13. Magnesium	ВЛМ 33/2020 (1, 2)
		1.14. Iron	ВЛМ 09/2006 (1, 2, 3, 4)
		1.15. Manganese	ВЛМ 05/2006 (1, 2, 3, 4)

Type of the scope: fixed			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		1.16 Chromium (hexavalent) / Total chromium / Chromium (trivalent)	ВЛМ 06/2006 (1, 2, 3, 4)
		1.17. Consumed oxygen	БДС 3413:1977 (1)
		1.18. Residual free chlorine	ВЛМ 22/2007 (1)
		1.19. Sulfates	ВЛМ 12/2006 (1, 2, 3, 4)
		1.20. Zinc	ВЛМ 08/2006 (1,2, 3, 4)
		1.21. Copper	ВЛМ 11/2006 (1,2, 3, 4)
		1.22. Fluorides	ВЛМ 13/2006 (1, 2)
		1.23. Total cyanides / Free cyanides	ВЛМ 16/2023 (1, 2, 3, 4)
		1.24. Aluminum	ВЛМ 25/2012 (1, 2)
		1.25. Boron	ВЛМ 27/2012 (1, 2)
		1.26. Total organic carbon	ВЛМ 30/2012 (1, 2)
		1.27. Arsenic	ВЛМ 31/2012 (1, 2, 3)
		1.28. Cadmium	ВЛМ 07/2006 (1, 2, 3, 4)
		1.29. Lead	ВЛМ 10/2006 (1, 2, 3, 4)
		1.30. Nickel	ВЛМ 18/2007 (1, 2, 3, 4)
		1.31. Turbidity	БДС EN ISO 7027-1:2016, cl. 5.1, 5.4 (1, 2)
		1.32. Trihalomethanes	ВЛМ 32/2012 (1)
		1.32. Total solids content, dissolved and suspended solids content	БДС 17.1.4.04:1980 (2, 3, 4)
		1.34. Potassium permanganate consuming capacity	БДС 17.1.4.16:1979 (2, 3, 4)
		1.35. Chemical oxygen demand	ВЛМ 20/2007 (3, 4)
		1.36. Biochemical oxygen demand after 5 days (BOD ₅)	БДС EN ISO 5815-1:2019 (3, 4) БДС EN 1899-2:2004 (3, 4)
		1.37. Dissolved oxygen	БДС EN 25813:2004 (2,3,4) ISO 17289:2014 (1, 2, 3, 4)
		1.38. Ammonium nitrogen	ВЛМ 15/2007 (3, 4)
		1.39. Phenol	ВЛМ 17/2007 (3, 4)
		1.40. Surfactants anionic	ВЛМ 21/2007 (3, 4)
		1.41. Total nitrogen	ВЛМ 23/2007 (3, 4)
		1.42. Total phosphorus	ВЛМ 24/2007 (3, 4)
		1.43. Extractable substances	ВЛМ 28/2008 (3, 4)
		1.44. Petroleum products	ВЛМ 29/2008 (3, 4)
		1.45. Sodium	ВЛМ 34/2023 (1, 2, 3, 4)

To perform sampling of:

Type of the scope: fixed		
№	Products	Sampling methods (standard/validated)
1	2	3
1	Drinking water	БДС ISO 5667-5:2013
2	Groundwater	БДС ISO 5667-11:2011
3	Wastewater	БДС ISO 5667-10:2020

References:

1. ВЛМ 01/2006 from 18.09.2006 Calculating the content of chlorides.
2. ВЛМ 02/2006 from 18.09.2006 Calculating the content of nitrates.
3. ВЛМ 03/2006 from 20.09.2006 Calculating the content of nitrites.

4. ВЛМ 04/2006 from 20.09.2006 Calculating the content of ammonium ions.
5. ВЛМ 05/2006 from 27.09.2006 Calculating the content of manganese.
6. ВЛМ 06/2006 from 27.09.2006 Calculating the content of chromium (total, hexavalent, trivalent).
7. ВЛМ 07/2006 from 27.09.2006 Calculating the content of cadmium.
8. ВЛМ 08/2006 from 02.10.2006 Calculating the content of zinc.
9. ВЛМ 09/2006 from 09.10.2006 Calculating the content of iron.
10. ВЛМ 10/2006 from 09.10.2006 Calculating the content of lead.
11. ВЛМ 11/2006 from 09.10.2006 Calculating the content of copper.
12. ВЛМ 12/2006 from 06.11.2006 Calculating the content of sulfates.
13. ВЛМ 13/2006 from 06.11.2006 Calculating the content of fluorides.
14. ВЛМ 14/2021 from 21.12.2021 Calculating the content of phosphates.
15. ВЛМ 15/2007 from 29.01.2007 Calculating the content of ammonium nitrogen.
16. ВЛМ 16/2023 from 05.01.2023 Calculating the content of cyanides.
17. ВЛМ 17/2007 from 29.01.2007 Calculating the content of phenol.
18. ВЛМ 18/2007 from 07.02.2007 Calculating the content of nickel.
19. ВЛМ 19/2007 from 07.02.2007 Calculating the content of calcium.
20. ВЛМ 20/2007 from 15.02.2007 Calculating the content of chemical oxygen demand.
21. ВЛМ 21/2007 from 27.08.2007 Calculating the content of surfactants anionic.
22. ВЛМ 22/2007 from 27.08.2007 Calculating the content of free chlorine.
23. ВЛМ 23/2007 from 24.10.2007 Calculating the content of total nitrogen.
24. ВЛМ 24/2007 from 25.10.2007 Calculating the content of total phosphorus.
25. ВЛМ 25/2012 from 02.04.2012 Calculating the content of aluminum.
26. ВЛМ 27/2012 from 03.04.2012 Calculating the content of boron.
27. ВЛМ 28/2008 from 09.04.2008 Calculating the content of extractable substances.
28. ВЛМ 29/2008 from 09.04.2008 Calculating the content of petroleum products.
29. ВЛМ 30/2012 from 03.04.2012 Calculating the content of total organic carbon.
30. ВЛМ 31/2012 from 04.04.2012 Calculating the content of arsenic.
31. ВЛМ 32/2012 from 05.04.2012 Calculating the content of trihalomethanes.
32. ВЛМ 33/2020 from 20.10.2020 Calculating the content of magnesium.
33. ВЛМ 34/2023 from 15.02.2023 Calculating the content of sodium.

I ORDER

To issue the certificate of accreditation reg. № 218 ЛИ/05.06.2024, valid until 30.07.2025 and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received by the Manager/ representative of Vodосnabdyavane – Dunav EOOD, Razgrad, the head of the Water Testing Laboratory, at Vodосnabdyavane – Dunav EOOD, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 218 ЛИ/30.01.2023, valid until 30.07.2025 and its enclosure – EA BAS order reg. № A 53/30.01.2023.

This order shall be notified to the Vodосnabdyavane – Dunav EOOD, Razgrad, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

