



EXECUTIVE AGENCY
BULGARIAN ACCREDITATION SERVICE

BAS reg. № 218 ЛИ

From: 30.01.2023

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 53/30.01.2023 is an integral part of the certificate of accreditation, total 5 pages.

Date of initial accreditation: 03.04.2009

Date of re-accreditation: 30.07.2021

Executive Director:

Eng. Irena Borislova



EA BAS



ORDER

№ A 53

Sofia, 30.01.2023

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, in connection with amendment of an element of the certificate content, according to item 4.3.8. of the BAS QR 2 Accreditation Procedure and EA BAS order reg. № A 52/30.01.2023, I hereby

AMEND

EA BAS order reg. № A 465/30.07.2021 an integral part of certificate of accreditation
reg. № 218 ЛИ/30.07.2021 valid until 30.07.2025, as follows:

**Vodosnabdyavane – 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)
	Wastewater (3)	1.3. Odour (at 20° C)	БДС 8451:1977 (1)
	Surface water (4)	1.4. Electrical conductivity	БДС EN 27888:2000 (1,2,4)
		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	ВЛМ 14/2006 (1, 2, 3, 4)
		1.11. Total hardness	БДС 3775:1987 (1)
		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)

Type of the scope: <i>fixed</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		1.15. Manganese	ВЛМ 05/2006 (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. Cyanides (free)	ВЛМ 16/2007 (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, 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 (3, 4)
		1.35. Chemical oxygen demand	ВЛМ 20/2007 (3, 4)
		1.36. Biochemical oxygen demand after 5 days	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)
		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)

To perform sampling of:

Type of the scope: <i>fixed</i>		
№	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 - Validated lab method 01/2006 /18.09.2006/ Calculating the content of chlorides
2. ВЛМ - Validated lab method 02/2006 /18.09.2006/ Calculating the content of nitrates
3. ВЛМ - Validated lab method 03/2006 /20.09.2006/ Calculating the content of nitrites
4. ВЛМ - Validated lab method 04/2006 /20.09.2006/ Calculating the content of ammonium ions
5. ВЛМ - Validated lab method 05/2006 /27.09.2006/ Calculating the content of manganese
6. ВЛМ - Validated lab method 06/2006 /27.09.2006/ Calculating the content of chromium
7. ВЛМ - Validated lab method 07/2006 /27.09.2006/ Calculating the content of cadmium
8. ВЛМ - Validated lab method 08/2006 /02.10.2006/ Calculating the content of zinc
9. ВЛМ - Validated lab method 09/2006 /09.10.2006/ Calculating the content of iron
10. ВЛМ - Validated lab method 10/2006 /09.10.2006/ Calculating the content of lead
11. ВЛМ - Validated lab method 11/2006 /09.10.2006/ Calculating the content of copper
12. ВЛМ - Validated lab method 12/2006 /06.11.2006/ Calculating the content of sulfates
13. ВЛМ - Validated lab method 13/2006 /06.11.2006/ Calculating the content of fluorides
14. ВЛМ - Validated lab method 14/2006 /06.11.2006/ Calculating the content of phosphates
15. ВЛМ - Validated lab method 15/2007 /29.01.2007/ Calculating the content of ammonium nitrogen
16. ВЛМ - Validated lab method 16/2007 /29.01.2007/ Calculating the content of cyanides
17. ВЛМ - Validated lab method 17/2007 /29.01.2007/ Calculating the content of phenol
18. ВЛМ - Validated lab method 18/2007 /07.02.2007/ Calculating the content of nickel
19. ВЛМ - Validated lab method 19/2007 /07.02.2007/ Calculating the content of calcium
20. ВЛМ - Validated lab method 20/2007 /15.02.2007/ Calculating the content of chemical oxygen demand
21. ВЛМ - Validated lab method 21/2007 /27.08.2007/ Calculating the content of surfactants anionic
22. ВЛМ - Validated lab method 22/2007 /27.08.2007/ Calculating the content of free chlorine
23. ВЛМ - Validated lab method 23/2007 /24.10.2007/ Calculating the content of total nitrogen
24. ВЛМ - Validated lab method 24/2007 /25.10.2007/ Calculating the content of total phosphorus
25. ВЛМ - Validated lab method 25/2012 /02.04.2012/ Calculating the content of aluminum
26. ВЛМ - Validated lab method 27/2012 /03.04.2012/ Calculating the content of boron
27. ВЛМ - Validated lab method 28/2008 /09.04.2008/ Calculating the content of extractable substances
28. ВЛМ - Validated lab method 29/2008 /09.04.2008/ Calculating the content of petroleum products
29. ВЛМ - Validated lab method 30/2012 /03.04.2012/ Calculating the content of total organic carbon
30. ВЛМ - Validated lab method 31/2012 /04.04.2012/ Calculating the content of arsenic
31. ВЛМ - Validated lab method 32/2012 /05.04.2012/ Calculating the content of trihalomethanes
32. ВЛМ - Validated lab method 33/2020 /20.10.2020/ Calculating the content of magnesium

I ORDER

To issue the certificate of accreditation reg. № 218 ЛИ/30.01.2023, 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 Vodosnabdyavane – Dunav EOOD, the head of the Water Testing Laboratory, at Vodosnabdyavane – 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/30.07.2021, valid until 30.07.2025 and its enclosure – EA BAS order reg. № A 465/30.07.2021.

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

Eng. Irena Borislavova

Executive Director of EA BAS

