REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 451

Sofia, 29.11.2024

Pursuant to Art. 10, para. 1, item 3, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 7.2 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 508/300 ЛИ/РО/09.02.2024, report reg. № 508/300 ЛИ/РО/002/В/22.05.2024, declaration reg. № 508/300 ЛИ/13/Е/05.08.2024 and statement of the Accreditation Commission reg. № 508/300 ЛИ/РО/17/В/13.11.2024, I hereby

EXTEND THE SCOPE OF ACCREDITATION

OF VODOSNABDYAVANE I KANALIZATSIYA OOD
WATER TESTING LABORATORY

Management address: 7500, Silistra, 19 Baba Tonka Str.
Laboratory Address: 7500, Aydemir, Silistra Region, West Industrial Zone, RPSOV

To perform testing of:

Type of the scope: *fixed*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
Drinking Water Sector:			
I.	Drinking water (1) Underground water (2)	1. pH Active reaction	БДС EN ISO 10523:2012 (1,2)
		2. Color	БДС 8451:1977 cl. 2 (1)
		3. Taste	БДС 8451:1977, cl. 3 (1)
		4. Smell	БДС 8451:1977, cl. 4 (1)
		5. Temperature	БДС 8451:1977, cl. 5 (1)
		6. Electrical conductivity	БДС EN 27888:2000 (1,2)
		7. General hardness	БДС ISO 6059:2002 (1,2)
		8. Calcium	БДС ISO 6058:2002 (1,2)
		9. Acidity (permanganate)	БДС 3413:1977 (1)
		10. Acidity (permanganate)	БДС 17.1.4.16:1979 (2)
		11. Opacity	БДС EN ISO 7027-1:2016 (1,2)
		12. Chlorides	БДС 3414:1980 (1) БДС 17.1.4.24:1980, cl. 1 (2)
		13. Ammonium ions	ВЛМ 101/ПВ/2021 (1,2)
		14. Nitrites	ВЛМ 102/ПВ/2021 (1,2)
		15. Nitrates	ВЛМ 103/ПВ/2021 (1,2)
		16. Phosphates	ВЛМ 104/ПВ/2021 (1,2)

Type of the scope: *fixed*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		17. Magnesium	ВЛМ 105/ПВ/2021 (1,2)
		18. Iron	ВЛМ 106/ПВ/2021 (1,2)
		19. Manganese	ВЛМ 107/ПВ/2021 (1,2)
		20. Chromium (total)	ВЛМ 108/ПВ/2021 (1,2)
		21. Residual free chlorine	ВЛМ 109/ПВ/2021 (1,2)
		22. Sulphates	ВЛМ 110/ПВ/2021 (1,2)
		23. Zinc	ВЛМ 111/ПВ/2021 (1,2)
		24. Copper	ВЛМ 112/ПВ/2021 (1,2)
		25. Fluorides	ВЛМ 113/ПВ/2021 (1,2)
		26.Cyanides	ВЛМ 114/ПВ/2021 (1,2)
		27. Aluminium	ВЛМ 115/ПВ/2021 (1,2)
		28. Boron	ВЛМ 116/ПВ/2021 (1,2)
		29. Nickel	ВЛМ 117/ПВ/2021 (1,2)
Waste Water Sector:			
II.	Waste water	1. Active reaction	БДС EN ISO 10523:2012
		2. Temperature	БДС 17.1.4.01:1977, cl. 4
		3. Dissolved oxygen	БДС EN 25813:2004
		4. Undissolved substances	БДС 17.1.4.04:1980, cl. 2
		5. Suspended/undissolved substances	БДС EN 872:2006
		6. BOD5 (Biochemical Oxygen Demand after 5 days)	БДС EN ISO 5815-1:2019 (iodometrically)
		7. Chlorides	БДС 17.1.4.24:1980, cl. 1
		8. COD (Chemical Oxygen Demand). 10-150 mg/l	ВЛМ 001/ОВ/2021
		9. COD (Chemical Oxygen Demand). 25-1500 mg/l	ВЛМ 002/ОВ/2021
		10. Ammonium ion/ Ammonium nitrogen	ВЛМ 003/ОВ/2021
		11. Nitrales/nitrate nitrogen	ВЛМ 004/ОВ/2021
		12. Nitrites/nitrite nitrogen	ВЛМ 005/ОВ/2021
		13. Zinc	ВЛМ 006/ОВ/2021
		14. Iron	ВЛМ 007/ОВ/2021
		15. Total phosphorus	ВЛМ 008/ОВ/2021
		16. Total nitrogen	ВЛМ 009/ОВ/2021
		17. Cyanides free/cyanides total	ВЛМ 010/ОВ/2021
		18. Anionic detergents (α SPAV)	ВЛМ 011/ОВ/2021
		19. Phenols (volatile)	ВЛМ 012/ОВ/2021
		20. Cadmium	ВЛМ 013/ОВ/2021
		21. Copper	ВЛМ 014/ОВ/2021
		22. Nickel	ВЛМ 015/ОВ/2021
		23. Chrome common/ Chrome 6 +	ВЛМ 016/ОВ/2021
		24. Sulphates	ВЛМ 017/ОВ/2021
		25. Lead	ВЛМ 018/ОВ/2021

To perform sampling of:

Type of the scope: *fixed*		
№	**Product**	**Sampling methods (standard / validated method)**
1	2	3
	Drinking water	БДС ISO 5667-5:2013 БДС EN ISO 19458:2006
	Underground water	БДС ISO 5667-11:2011
	Waste water	БДС EN ISO 5667-10:2020

References:

1. ВЛМ 101/ПВ/2021 - Internal laboratory method for photometric determination of Ammonium ions in drinking and underground water (1,2);
2. ВЛМ 102/ПВ/2021 - Internal laboratory method for photometric determination of Nitrites in drinking and underground water (1,2);
3. ВЛМ 103/ПВ/2021 - Internal laboratory method for photometric determination of Nitrates in drinking and underground water (1,2);
4. ВЛМ 104/ПВ/2021 - Internal laboratory method for photometric determination of Phosphates in drinking and underground water (1,2);
5. ВЛМ 105/ПВ/2021 - Internal laboratory method for photometric determination of Magnesium in drinking and underground water (1,2);
6. ВЛМ 106/ПВ/2021 - Internal laboratory method for photometric determination of Iron in drinking and underground water (1,2);
7. ВЛМ 107/ПВ/2021 - Internal laboratory method for photometric determination of Manganese in drinking and underground water (1,2);
8. ВЛМ 108/ПВ/2021 - Internal laboratory method for photometric determination of Chromium in drinking and underground water (1,2);
9. ВЛМ 109/ПВ/2021 - Internal laboratory method for photometric determination of residual free Chlorine in drinking water (1,2);
10. ВЛМ 110/ПВ/2021 - Internal laboratory method for photometric determination of Sulfates in drinking and underground walers (1,2);
11. ВЛМ 111/ПВ/2021 - Internal laboratory method for photometric determination of Zinc in drinking and underground water (1,2);
12. ВЛМ 112/ПВ/2021 - Internal laboratory method for photometric determination of Copper in drinking and underground water (1,2);
13. ВЛМ 113/ПВ/2021 - internal laboratory method for photometric determination of Fluorides in drinking and underground water (1,2);
14. ВЛМ 114/ПВ/2021 - Internal laboratory method for photometric determination of Cyanides in drinking and underground water (1,2);
15. ВЛМ 115/ПВ/2021 - Internal laboratory method for photometric determination of Aluminum in drinking and underground water (1,2);
16. ВЛМ 116/ПВ/2021 - Internal laboratory method for photometric determination of Boron in drinking and underground water (1,2);
17. ВЛМ 117/ПВ/2021 - Internal laboratory method for photometric determination of Nickel in drinking and underground water (1,2);
18. ВЛМ 001/ОВ/2021 - Internal laboratory method for photometric determination of COD (Chemical Oxygen Demand) in waste waler;
19. ВЛМ 002/ОВ/2021 - Internal laboratory method for photometric determination of COD (Chemical Oxygen Demand) in waste water;
20. ВЛМ 003/ОВ/2021 - Internal laboratory method for photometric determination of Ammonium ion/ Ammonium nitrogen in waste water;
21. ВЛМ 004/ОВ/2021 - Internal laboratory method for photometric determination of Nitrates/Nitrate nitrogen in waste water;
22. ВЛМ 005/ОВ/2021 – Internal laboratory method for photometric determination of Nitrites/Nitrite Nitrogen in waste water;

23. ВЛМ 006/ОВ/2021 – Internal laboratory method for photometric determination of Zinc in waste water:
24. ВЛМ 007/ОВ/2021 - Internal laboratory method for photometric determination of Iron in waste water;
25. ВЛМ 008/ОВ/2021- Internal laboratory method for photometric determination of Total Phosphorus in waste water;
26. ВЛМ 009/ОВ/2021 - Internal laboratory method for photometric determination of Total nitrogen in waste water;
27. ВЛМ 010/ОВ/2021 - Internal laboratory method for photometric determination of free Cyanides/Total Cyanides in waste water;
28. ВЛМ 011/ОВ/2021 - Internal laboratory method for photometric determination of Anionic detergents /α SPAV/ in waste water;
29. VIM 012/OB/2021 - Internal laboratory method for photometric determination of Phenols /volatile/ in waste water;
30. ВЛМ 013/ОВ/2021 - Internal laboratory method for spectrophotometric determination of Cadmium in waste water;
31. ВЛМ 014/ОВ/2021 - Internal laboratory method for photometric determination of Copper in waste water;
32. ВЛМ 015/ОВ/2021 - Internal laboratory method for photometric determination of Nickel in waste water;
33. ВЛМ 016/ОВ/2021 - Internal laboratory method for photometric determination of total Chromium/Chromium 6+ in waste water;
34. ВЛМ 017/ОВ/2021 - Internal laboratory method for photometric determination of Sulfates in waste water;
35. ВЛМ 018/ОВ/2021 - Internal laboratory method for photometric determination of Lead in waste water.

I ORDER

To issue the certificate of accreditation reg. № 300 ЛИ of 29.11.2024 valid until 20.06.2027 and this order enclosed as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the director/representative of Vodosnabdyavane i Kanalizatsiya OOD, Silistra, the head of the Water Testing Laboratory, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited person is obliged to return to EA BAS the originals of certificate of accreditation reg. № 300 ЛИ/20.06.2023 valid until 20.06.2027 and an enclosure, EA BAS order reg. № А 247/20.06.2023 as an integral part of it.

This order shall be notified to Vodosnabdyavane i Kanalizatsiya OOD, Silistra, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS