APPROVED REGULATION OF THE

STATE ENVIRONMENTAL COMMISSION

LCB File No. R130-22

Filed February 27, 2024

EXPLANATION – Matter in *italics* is new; matter in brackets [omitted material] is material to be omitted.

AUTHORITY: §§ 1, 5-16 and 19, NRS 445A.860 and 445A.863; § 2, NRS 445A.425 and 445A.428; § 3, NRS 445A.425, 445A.428 and 445A.430; § 4, NRS 445A.425 and 445A.465; §§ 17 and 18, NRS 459.485 and 459.500; § 20, NRS 445A.425, 445A.428, 445A.430, 445A.465, 445A.860, 445A.863, 459.485 and 459.500.

A REGULATION relating to water; revising the categories of analytes for which laboratories may be certified; revising certain fees relating to certification for laboratories that analyze certain substances; replacing certain obsolete references with the State Environmental Commission and the Bureau of Safe Drinking Water of the Division of Environmental Protection of the State Department of Conservation and Natural Resources; revising references to certain standards and publications adopted by reference; and providing other matters properly relating thereto.

Legislative Counsel's Digest:

Existing law requires the State Environmental Commission to adopt regulations providing for the certification of laboratories that analyze soil or water to detect the presence of a hazardous waste or a regulated substance. (NRS 445A.425, 445A.428) Existing regulations set forth the categories of analytes for which the Division of Environmental Protection of the State Department of Conservation and Natural Resources may certify a laboratory. (NAC 445A.0624) **Section 2** of this regulation revises the categories of analytes.

Existing law authorizes the Commission to establish fees for services provided by the Division. (NRS 445A.430) Existing regulations establish: (1) an annual fee for an application for certification; (2) fees for certification to analyze certain contaminants; and (3) a fee for each approved method of testing for which a laboratory applies for certification, if the laboratory applies for certification for more than two of the approved methods of testing. Existing regulations also require a laboratory to pay certain expenses relating to travel if the Division conducts an evaluation for certification at the laboratory. (NAC 445A.066) **Section 3** of this regulation: (1) revises the annual fee for an application for certification and the fee for each additional method of testing; (2) revises the categories of analytes for certification; (3) provides annual increases for the certification fee for each category of analyte for the period beginning August 1, 2024, and ending on July 31, 2029; and (4) clarifies that a laboratory located outside of this State must pay the actual travel and per diem expenses of the employee of the Division who conducts an evaluation for certification. **Section 3** further: (1) requires the fees set forth in

section 3 to increase by 3 percent every annual period of certification, beginning August 1, 2029; and (2) authorizes the Director of the Department to suspend any such increase during any annual period of certification.

Existing law requires the Commission to adopt regulations for the standards of quality of the waters of this State. (NRS 445A.425) Existing regulations define the term "WAD cyanide" to include alternative methods that may be used to determine the cyanide concentration. (NAC 445A.383) **Section 4** of this regulation provides that additional guidance materials relating to mining are available from the Bureau of Mining Regulation and Reclamation of the Division.

Existing law requires the Commission to adopt regulations providing for the certification of laboratories for the analysis of water in public water systems. (NRS 445A.863) Existing law also authorizes the Commission to establish reasonable fees to carry out provisions relating to public water systems. (NRS 445A.860) Section 1 of this regulation defines the term "Commission" to mean the State Environmental Commission. Section 5 of this regulation indicates the proper placement of section 1 in the Nevada Administrative Code. Section 6 of this regulation revises the definition of "Bureau" to mean the Bureau of Safe Drinking Water of the Division. Sections 7-12 of this regulation: (1) replace obsolete references to the State Board of Health with the Commission; and (2) revise references to certain publications adopted by reference. Section 14 of this regulation replaces a reference to the Bureau of Licensure and Certification of the Division of Public and Behavioral Health of the Department of Health and Human Services with a reference to the Division of Environmental Protection of the State Department of Conservation and Natural Resources. Section 15 of this regulation replaces obsolete references to the Division of Public and Behavioral Health of the Department of Health and Human Services and the State Board of Health with the Division of Environmental Protection of the State Department of Conservation and Natural Resources and the State Environmental Commission, respectively. Section 19 of this regulation repeals the obsolete definition of "Board," referring to the State Board of Health. Section 12 of this regulation updates certain standards and federal regulations related to the certification of laboratories.

Existing regulations provide categories to classify each anlayte for which a laboratory may be certified. (NAC 445A.54266) **Section 13** of this regulation revises the categories of analytes for which a laboratory may be certified.

Existing regulations establish: (1) fees for applications for certification in chemistry and microbiology; (2) fees for certification to analyze certain analytes; and (3) a fee for any contaminant not set forth in existing regulations. Existing regulations also require a laboratory to pay certain expenses for each person who conducts an inspection required for certification of the laboratory. (NAC 445A.54296) **Section 16** of this regulation: (1) establishes instead an annual application fee; (2) revises the categories of analytes for certification; (3) provides annual increases for the certification fee for each category of analytes for the period beginning August 1, 2024, and ending on July 31, 2029; and (4) clarifies that a laboratory located outside of this State must pay the actual travel and per diem expenses of the employee of the Division who conducts an inspection required for certification. **Section 16** further: (1) requires the fees provided in **section 16** to increase by 3 percent every annual period of certification, beginning August 1, 2029; and (2) authorizes the Director of the Department to suspend any such increase during any annual period of certification.

Existing law authorizes the Commission to adopt regulations providing for the certification of laboratories that analyze hazardous waste and to establish fees for such

certification. (NRS 459.500) Existing regulations set forth the categories of analytes for which the Division may certify a laboratory. (NAC 459.9696) **Section 17** of this regulation revises the categories of analytes to include any other individual analyte and any other individual multianalyte method.

Existing regulations establish: (1) an annual fee for an application for certification; (2) annual fees for certification to analyze certain contaminants; and (3) a fee for each approved method of testing for which a laboratory applies for certification, if a laboratory applies for certification for more than two of the approved methods of testing. Existing regulations also require a laboratory to pay certain expenses if the Division conducts an evaluation for certification at the laboratory. (NAC 459.96986) **Section 18** of this regulation: (1) revises the annual fee for an application for certification and the fee for each additional method of testing; (2) revises the categories of analytes for certification; (3) provides annual increases for the certification fee for each category of analytes for the period beginning August 1, 2024, and ending on July 31, 2029; and (4) clarifies that a laboratory located outside of this State must pay the actual travel and per diem expenses of the employee of the Division who conducts an evaluation for certification. **Section 18** further: (1) requires the fees set forth in **section 18** to increase by 3 percent every annual period of certification, beginning August 1, 2029; and (2) authorizes the Director of the Department to suspend any such increase during any annual period of certification.

Section 1. Chapter 445A of NAC is hereby amended by adding thereto a new section to read as follows:

"Commission" means the State Environmental Commission.

Sec. 2. NAC 445A.0624 is hereby amended to read as follows:

445A.0624 For the purposes of charging and collecting fees and conducting performance evaluations pursuant to the provisions of NAC 445A.0552 to 445A.067, inclusive, the Division shall classify each analyte for which a laboratory may be certified into the following categories:

- 1. Asbestos.
- 2. Cyanide.
- 3. Demands.
- 4. Dioxin.
- 5. Disinfectant residuals.
- 6. Extractable organics.

Herbicides. [6.] 8. Microbiology. 9. Microcystins, nodularins, cylindrospermopsin and anatoxin-a. [7.] 10. Minerals. [8.] 11. Nutrients. 12. Oil and grease. [10.] *13.* Perchlorate. 11. 14. Pesticides. 12. 15. Phenolics. 113. Polyaromatic hydrocarbons. 14. Polychlorinated biphenyls in oil. — 15.] 16. Polychlorinated biphenyls. fin wastewater. 16. 17. Radiochemistry. [17. Residual chlorine.] 18. Residue. 19. Semivolatile organic chemistry. 20. Synthetic Organic Compounds Group 1 (includes semivolatile organic chemistry, pesticides, herbicides and polyaromatic hydrocarbons). —21.] Toxicity. [bioassay. **22. 21.** Trace metals. [23.] 22. Volatile organic chemistry. [24.] 23. Any other individual [contaminant.

25. analyte.

- 24. Any other individual [multicontaminant] mulitanalyte method.
- **Sec. 3.** NAC 445A.066 is hereby amended to read as follows:
- 445A.066 1. Except as otherwise provided in [subsection] subsections 2 [,] and 4, a laboratory must submit an annual fee of [\$500] \$700 with each application for certification.
- 2. [A laboratory which only performs analysis for microbiology is not required to pay the fee provided pursuant to subsection 1.
- 3. In Except as otherwise provided in subsection 4, in addition to the fee required pursuant to the provisions of subsections 1 and [4,] 3, a laboratory must submit an annual certification fee for each category of [contaminant] analyte for which certification is requested. The categories of [contaminants] analytes and annual certification fees are:

ASSESTING STATES ASSESTING ANNUAL

ICATEGORY OF CONTAMINANT

FEE

Asbestos \$400

Cyanide 250

Demands 350

Dioxin 545

Herbicides 545

Microbiology 400

Minerals 400

Nutrients 250

Oil and spaces

Perchlorate	250
Pesticides	545
Phenolics	250
Polyaromatic hydrocarbons	545
Polychlorinated biphenyls in oil	545
Polychlorinated biphenyls in wastewater	545
Radiochemistry	545
Residual chlorine	125
Residue	350
Semivolatile organic chemistry	545
Synthetic Organic Compounds Group 1 (includes semivolatile organic	
chemistry, pesticides, herbicides and polyaromatic hydrocarbons)	1,500
Toxicity bioassay	400
Trace metals	545
Volatile organic chemistry	545
Any other individual contaminant	200
Any other individual multicontaminant method	400]

NONPOTABLE WATER

	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,
CATEGORY OF ANALYTE	2024	2025	2026	2027	2028
Asbestos	<i>\$560</i>	\$644	\$708	\$779	\$818
Cyanide	<i>350</i>	403	443	487	511
Demands	490	564	<i>620</i>	682	716
Dioxin	763	877	965	1,062	1,115
Disinfectant residuals	175	201	221	243	255
Extractable organics	763	877	965	1,062	1,115
Herbicides	763	877	965	1,062	1,115
Microbiology	560	644	708	779	818
Microcystins, nodularins,					
cylindrospermopsin and anatoxin-a	1,580	1,817	1,999	2,199	2,309
Minerals	<i>560</i>	644	708	779	818
Nutrients	<i>350</i>	403	443	487	511
Oil and grease	<i>350</i>	403	443	487	511
Perchlorate	<i>350</i>	403	443	487	511
Pesticides	763	877	965	1,062	1,115
Phenolics	350	403	443	487	511
Polychlorinated biphenyls	763	877	965	1,062	1,115
Radiochemistry	763	877	965	1,062	1,115
Residue	490	564	<i>620</i>	682	716
Toxicity	560	644	708	779	818

NONPOTABLE WATER

	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,
CATEGORY OF ANALYTE	2024	2025	2026	2027	2028
Trace metals	763	877	965	1,062	1,115
Volatile organic chemistry	763	877	965	1,062	1,115
Any other individual analyte	280	322	354	390	409
Any other multianalyte method	560	644	708	<i>779</i>	818
M	INING				
CATEGORY OF ANALYTE OR	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,
METHOD	2024	2025	2026	2027	2028
ASTM C1308-21	<i>\$560</i>	\$644	\$708	<i>\$779</i>	\$818
ASTM D5744-18	763	877	965	1,062	1,115
Cyanide extraction	280	322	354	390	409
Meteoric water mobility	560	644	708	779	818
Oxidation-reduction potential	280	322	354	390	409
Trace metals	763	877	965	1,062	1,115
Any EPA 600 method	560	644	708	779	818
Any other individual analyte	280	322	354	390	409
Any other multianalyte method	560	664	708	<i>779</i>	818

[4. In]

- 3. Except as otherwise provided in subsection 4, in addition to the fees required pursuant to the provisions of subsections 1 and [3,] 2, if a laboratory applies for certification for [a contaminant] an analyte in more than two of the approved methods of testing for that [contaminant,] analyte, the laboratory must submit a fee of [\$200] \$280 for each additional approved method of testing.
- [5.] 4. For the annual period of certification beginning on August 1, 2029, and for each annual period of certification thereafter, the Director of the State Department of Conservation and Natural Resources shall increase each fee set forth in this section by an amount that is equal to 3 percent of the fee for the immediately preceding annual period of certification. The Director may, during any individual annual period of certification, suspend an increase in a fee specified in this subsection.
- 5. The Director of the State Department of Conservation and Natural Resources shall post on the Internet website of the Division the fees required pursuant to this section that are applicable for each annual certification period.
- 6. If a laboratory applies for certification for additional [contaminants] analytes after the laboratory has been issued a certification for an annual period of certification, the fee for certification for each additional [contaminant] category of analyte is the fee provided for that [contaminant] category of analyte pursuant to the provisions of subsection [3.] 2. The fee must be prorated pursuant to subsection [6] 7 if the provisions of that subsection otherwise apply. If the Division conducts an evaluation for certification at the laboratory, the laboratory must pay, at the rate provided for state officers and employees generally, the actual travel and per diem

expenses of the Division. If the laboratory is located outside of this State, the [expenses must be paid pursuant to the provisions of subsection 7.

- —6.] laboratory must pay the actual travel and per diem expenses of the employee of the Division who conducts the evaluation.
- 7. The fees are effective for 12 months beginning on August 1 of each year. If an application for certification to test for an analyte is submitted during that period, the fees for that certification must be prorated using the following formula:

Fee X .083 X the number of months remaining in the *annual* period of certification.

For the purpose of prorating fees, an application for certification to test for an analyte shall be deemed to have been submitted at the beginning of a month regardless of the date of the application. The prorated fee must be rounded to the next highest dollar. The fee provided pursuant to the provisions of subsection 1 must not be prorated.

- [7. If an evaluation for certification of a laboratory that is located outside of this State is conducted, the laboratory must pay the actual travel and per diem expenses of the employee of the Division who conducts the evaluation.]
- 8. The fee for certification to test for a specific analyte must be paid before a certificate for that analyte may be issued.
 - 9. Any fee paid pursuant to the provisions of this section is nonrefundable.
 - **Sec. 4.** NAC 445A.383 is hereby amended to read as follows:
- 445A.383 *1.* "WAD cyanide" means the weak acid dissociable cyanide concentration determined by one of the following methods:

[1-] (a) ASTM D2036-082, "Standard Test Methods for Cyanides in Water," Method C, Part 31. A copy of ASTM D2036-082 is available for purchase at the IHS Standards Store [, 15] Inverness Way East, Englewood, Colorado 80112, or] at the Internet address https://global.ihs.com, for the price of [\$72.

2.1 \$125.

(b) ASTM D2036-06, "Standard Test Methods for Cyanides in Water," Method C, followed by Part 16.2 (titrimetric), Part 16.3 (colorimetric) or Part 16.4 (ion-specific electrode). A copy of ASTM D2036-06 is available [from ASTM International, P.O. Box C700, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, by telephone at (877) 909-2786 or] at the IHS Store at the Internet address [https://www.astm.org,] https://global.ihs.com, for the price of [\$62.40.

3.1 **\$96.**

(c) ASTM D2036-09, "Standard Test Methods for Cyanides in Water," Method C, followed by Part 16.2 (titrimetric), Part 16.3 (colorimetric) or Part 16.4 (ion-specific electrode). A copy of ASTM D2036-09 is available from ASTM International, P.O. Box C700, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, by telephone at (877) 909-2786 or at the Internet address https://www.astm.org, for the price of [\$52.

4.] *\$69*.

(d) "Standard Methods for the Examination of Water and Wastewater," SM 4500-CN-I, followed by SM 4500-CN-D (titrimetric), SM 4500-CN-E (colorimetric) or SM 4500-CN-F (cyanide-ion selective electrode). A copy of these standards is available from Standard Methods at the Internet address https://standardmethods.org, for the price of \$75.

- [5.] (e) Another version or method approved by the Department and scientifically demonstrated to achieve performance in determining weak acid dissociable cyanide which is equivalent to one of the methods described in [subsections 1 to 4,] paragraphs (a) to (d), inclusive.
- 2. Additional guidance for mining methods and procedures are available from the Bureau of Mining Regulation and Reclamation of the Division at the Internet address https://ndep.nv.gov/land/mining/regulation/guidance-policies-references-and-requirements.
 - **Sec. 5.** NAC 445A.542 is hereby amended to read as follows:
- 445A.542 As used in NAC 445A.542 to 445A.54296, inclusive, *and section 1 of this regulation*, unless the context otherwise requires, the words and terms defined in NAC 445A.5421 to 445A.5425, inclusive, *and section 1 of this regulation* have the meanings ascribed to them in those sections.
 - **Sec. 6.** NAC 445A.5422 is hereby amended to read as follows:
- 445A.5422 "Bureau" means the Bureau of [Licensure and Certification] Safe Drinking

 Water of the Division of [Public and Behavioral Health] Environmental Protection of the State

 Department of [Health] Conservation and [Human Services.] Natural Resources.
 - **Sec. 7.** NAC 445A.54252 is hereby amended to read as follows:
- Environmental Laboratory Accreditation [Conference Constitution, Bylaws and Standards, EPA 600/R-98/151,] Conference, 2003 NELAC Standard, EPA/600/R-04/003, in the form most recently published by the Environmental Protection Agency, unless the [Board] Commission gives notice pursuant to the provisions of NAC 445A.5426 that the most recent publication is not suitable for this State. The publication is available, free of charge, from the [United States]

Environmental Protection Agency, Office of Research and Development, 401 M Street, S.W., Washington, D.C. 20460, or from the Environmental Protection Agency] *NELAC Institute*, at the Internet address [http://www.epa.gov/ttn/nelac.] https://www.nelac-institute.org.

Sec. 8. NAC 445A.54254 is hereby amended to read as follows:

445A.54254 The [Board] Commission hereby adopts by reference the following publications in the forms most recently published, unless the [Board] Commission gives notice pursuant to the provisions of NAC 445A.5426 that the most recent publication is not suitable for this State. The publications are available, unless otherwise specified in this section, [by mail from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161, or by telephone at (800) 553-6847. The publications may also be obtained from the National Technical Information Service] free of charge, from the United States Environmental Protection Agency, National Service Center for Environmental Publications, at the Internet address [http://www.ntis.gov/support/ordering.htm.] https://www.epa.gov/nscep. The publications are:

- 1. Consensus Method for Determining Groundwaters under the Direct Influence of Surface Water Using Microscopic Particulate Analysis (MPA), EPA 910/9-92-029. [, Order Number PB93-180818, for the price of \$31.50.]
- 2. DBP/ICR Analytical Methods Manual, EPA 814-B-96-002. [, Order Number PB96-157516, for the price of \$45.]
- 3. *ICR Microbial Laboratory Manual*, April 1996, EPA 600/R-95/178. [, Order Number PB96-157557, for the price of \$63.]
- 4. *ICR Sampling Manual*, April 1996, EPA 814-B-96-001. [, Order Number PB96-157508, for the price of \$45.]

- 5. [Interim] Radiochemical Methodology for Drinking Water, EPA/600/4-75-008. [, Order Number PB253258, for the price of \$31.50.]
- 6. Manual for the Certification of Laboratories Analyzing Drinking Water: Criteria and Procedures, Quality Assurance, [3rd] 5th edition, EPA [815-B-97-001, Order Number PB90-220500, for the price of \$36.50.] 815-R-05-004. The publication is available free of charge, from the Environmental Protection Agency at the Internet address

 https://www.epa.gov/dwlabcert/laboratory-certification-manual-drinking-water.
- 7. Method 100.1 Analytical Method for Determination of Asbestos Fibers in Water,
 September 1983, EPA 600/4-83-043. [, Order Number PB83-260471, for the price of \$67.50.]
- 8. Method 100.2 Determination of Asbestos Structures over 10 Micrometers in Length in Drinking Water, June 1994, EPA/600/R-94/134. [, Order Number PB94-201902, for the price of \$28.50.]
- 9. Method 1613: Tetra-Through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS, Revision B, October 1994, EPA 821-B-94-005. [, Order Number PB95-104774, for the price of \$34.]
- 10. Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020. [, Order Number PB84-128677, for the price of \$101.]
- 11. Methods for the Determination of Inorganic Substances in Environmental Samples,
 August 1993, EPA/600/R-93-100. [, Order Number PB94-120821, for the price of \$45.]
- 12. Methods for the Determination of Metals in Environmental Samples, EPA/600-4-91/010

 . [, Order Number PB91-231498, for the price of \$70.]
- 13. Methods for the Determination of Metals in Environmental Samples, Supplement I, EPA/600/R-94/111. [, Order Number PB95-125472, for the price of \$63.]

- 14. Methods for the Determination of Nonconventional Pesticides in Municipal and Industrial Wastewater, Volume I, Revision 1, August 1993, EPA-821-R-93-010-A. [, Order Number PB94-121654, for the price of \$133.]
- 15. *Methods for the Determination of Organic Compounds in Drinking Water*, Revised July 1991, EPA/600/4-88/039. [, Order Number PB91-231480, for the price of \$77.50.]
- 16. Methods for the Determination of Organic Compounds in Drinking Water, Supplement 1, EPA/600/4-90/020 . [, Order Number PB91-146027, for the price of \$58.50.]
- 17. Methods for the Determination of Organic Compounds in Drinking Water, Supplement 2, EPA/600/R-92/129. [, Order Number PB92-207703, for the price of \$63.]
- 18. Methods for the Determination of Organic Compounds in Drinking Water, Supplement 3, EPA/600/R-95/131. [, Order Number PB95-261616, for the price of \$101.]
- 19. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 4th edition, EPA/600/4-90/027F. [, Order Number PB94-114733, for the price of \$70.]
- 20. Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA 600/4-80-032. [, Order Number PB80-224744, for the price of \$41.]
- 21. [Short-Term] Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving [Water] Waters to Freshwater Organisms, [3rd] 4th edition, [EPA/600/4-91/002, Order Number PB96-141452, for the price of \$60.] EPA-821-R-02-013.
- 22. Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving [Water] Waters to Marine and Estuarine Organisms, [2nd] 3rd edition, [EPA/600/4-91-003, Order Number PB96-141445, for the price of \$77.] EPA-821-R-02-014.

- 23. <u>Supplement 1 to the Fifth Edition of the Manual for the Certification of Laboratories</u>

 <u>Analyzing Drinking Water</u>, EPA 815-F-08-066. The publication is available free of charge,

 from the Environmental Protection Agency at the Internet address

 <u>https://www.epa.gov/dwlabcert/laboratory-certification-manual-drinking-water</u>.
- 24. Supplement 2 to the Fifth Edition of the Manual for the Certification of Laboratories

 Analyzing Drinking Water, EPA 815-F-12-006. The publication is available free of charge,

 from the Environmental Protection Agency at the Internet address

 https://www.epa.gov/dwlabcert/laboratory-certification-manual-drinking-water.
- 25. Technical Notes on Drinking Water Methods, EPA 600/R-94-173. [, Order Number PB95-104766, for the price of \$31.50.
- 24.] 26. Test Methods for "Escherichia Coli" in Drinking Water: EC Medium with Mug Tube Procedure, Nutrient Agar with Mug Membrane Filter Procedure, EPA/600/4-91/016. [5], Order Number PB91-234591, for the price of \$15.
- 25.] 27. US EPA Contract Laboratory Program Statement of Work for Organics Analysis Multi-Media, Multi-Concentration, [OLM01.0] OLM01.0 (Includes Revisions [OLM01.1]) OLM01.1 through [OLM01.8), Order Number PB95 963508, for the price of \$86.50. The publication is also available, free of charge, from the Environmental Protection Agency at the Internet address http://www.epa.gov/superfund/programs/clp/organic.htm.
- 26.] *OLMO1.8)*.
- 28. US EPA Contract Laboratory Program Statement of Work for Inorganics Analysis Multi-Media, Multi-Concentration, [ILM02.1, Order Number PB95-963514, for the price of \$70. The publication is also available, free of charge, from the Environmental Protection Agency at the Internet address http://www.epa.gov/superfund/programs/clp/inorg.htm.] ILM02.1.

- **Sec. 9.** NAC 445A.54256 is hereby amended to read as follows:
- 445A.54256 The [Board] *Commission* hereby adopts by reference the following publications in the forms most recently published, unless the [Board] *Commission* gives notice pursuant to the provisions of NAC 445A.5426 that the most recent publication is not suitable for this State: [. The publications are available, unless otherwise specified in this section, by mail from the Superintendent of Documents, U.S. Government Printing Office, P.O. Box 979050, St. Louis, Missouri 63197-9000, or by toll-free telephone at (866) 512-1800. The publications are:]
- 1. Method 1600: [-] Membrane Filter Test Method for Enterococci in Water, May 1997, EPA-821-R-97-004, which is available, free of charge, from the United States Environmental Protection Agency, National Service Center for Environmental Publications [and Information, 11029 Kenwood Road, Building 5, Cincinnati, Ohio 45242.], at the Internet address https://www.epa.gov/nscep.
- 2. Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil and Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-Polar Material) by Extraction and Gravimetry, February 1999, EPA-821-R-98-002. The publication is available, free of charge, from the Environmental Protection Agency at the Internet address [http://www.epa.gov/waterscience/methods/1664f051.html.] https://www.epa.gov/nscep.
- 3. Method 1664, Revision B: n-Hexane Extractable Material (HEM; Oil and Grease) and Silica Gel Treated n-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, February 2010, EPA-821-R-10-001. The publication is available free of charge, from the Environmental Protection Agency at the Internet address https://www.epa.gov/nscep.

- 4. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd edition, and Updates I, II, IIA, IIB, III, [and] IIIA, [Publication Number 955-001-00000-1, for the price of \$367.] IIIB, IV and V. The publication is [also] available, free of charge, from the [United States Government Printing Office] Environmental Protection Agency at the Internet address [http://www.epa.gov/epaoswer/hazwaste/test/main.htm.] https://www.epa.gov/hw-sw846/sw-846-compendium.
 - **Sec. 10.** NAC 445A.54258 is hereby amended to read as follows:
- 445A.54258 The [Board] *Commission* hereby adopts by reference the following publications in the forms most recently published, unless the Environmental Protection Agency fails to publish notice of its approval of the publication in the Federal Register or the [Board] *Commission* gives notice pursuant to the provisions of NAC 445A.5426 that the most recent publication is not suitable for this State:
- 1. Annual Book of ASTM Standards, Section 5, "Petroleum Products, Lubricants, and Fossil Fuels," which is available from ASTM International, 100 Barr Harbor Drive, *P.O. Box C700*, West Conshohocken, Pennsylvania 19428-2959, *or at the Internet address http://www.astm.org*, for the price of \$\frac{1\$657.1}{0.000}\$\$ \$2,019.
- 2. Annual Book of ASTM Standards, Section 11, "Water and Environmental Technology," which is available from ASTM International, 100 Barr Harbor Drive, *P.O. Box C700*, West Conshohocken, Pennsylvania 19428-2959, *or at the Internet address http://www.astm.org*, for the price of \$\frac{\\$686.}{\\$2,056}\$.
- 3. ASTM C1308-21, "Standard Test Method for Accelerated Leach Test for Measuring Contaminant Releases From Solidified Waste," which is available from ASTM International,

- 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania, 19428-2959, or at the Internet address http://www.astm.org, for the price of \$69.
- 4. ASTM D5744-18 "Standard Test Method for Laboratory Weathering of Solid Materials Using a Humidity Cell," which is available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania, 19428-2959, or at the Internet address http://www.astm.org, for the price of \$90.
- 5. ISO/IEC [Guide 25,] 17025:2017 General Requirements for the Competence of [Calibration and] Testing and Calibration Laboratories, [1990,] 2017, which is available from [Global Engineering Documents, 15 Inverness Way East, Englewood, Colorado 80112,] the American National Standards Institute, at the Internet address https://webstore.ansi.org, for the price of [\$76.
- —4.] \$146.40 for members and \$183 for nonmembers.
- 6. Standard Methods for the Examination of Water and Wastewater, [Order Number 10079,] 24th edition, which is available from the American Water Works Association, [Customer Service,] 6666 West Quincy Avenue, Denver, Colorado 80235, by toll-free telephone at (800) 926-7337, or at the Internet address http://www.awwa.org/store.aspx, for the price of [\$155] \$275 for members and [\$200] \$395 for nonmembers.
 - **Sec. 11.** NAC 445A.5426 is hereby amended to read as follows:
- 445A.5426 If any publication adopted by reference pursuant to the provisions of NAC 445A.542 to 445A.54296, inclusive, *and section 1 of this regulation* is revised, the [Board] *Commission* may review the revision to determine its suitability for this State. If the [Board] *Commission* determines that the revision is not suitable for this State, it will hold a public hearing to review its determination and give notice of that hearing within 6 months after the date

of the publication of the revision. If, after the hearing, the [Board] *Commission* does not revise its determination, the [Board] *Commission* will give notice that the revision is not suitable for this State within 30 days after the hearing. If the [Board] *Commission* does not give the notice, the revision becomes part of the publication adopted by reference pursuant to the provisions of NAC 445A.542 to 445A.54296, inclusive [...], and section 1 of this regulation.

Sec. 12. NAC 445A.54264 is hereby amended to read as follows:

445A.54264 1. Laboratory testing is the category of testing specified in [Figure 1-3] section 1.6.1 of the standards for which a laboratory may obtain certification pursuant to the provisions of NAC 445A.542 to 445A.54296, inclusive [.], and section 1 of this regulation.

- 2. The scientific disciplines within the category of testing specified in subsection 1 for which a laboratory may obtain certification are:
 - (a) Chemistry;
 - (b) Microbiology; and
 - (c) Radiochemistry.
- 3. A laboratory may obtain certification pursuant to the provisions of NAC 445A.542 to 445A.54296, inclusive, *and section 1 of this regulation* for any program relating to the analysis of drinking water approved by the Environmental Protection Agency pursuant to the Federal Act.
- 4. Except as otherwise provided in subsection 5, the approved methods of testing for which a laboratory may obtain certification are set forth in:
- (a) 40 C.F.R. §§ 141.21(f), 141.23(k)(1), 141.24(e), 141.25(a) and (b), [141.40(n)(11)], 141.74(a), [141.142(b), 141.143(b)] 141.40(a)(3), 141.131(b), 141.402(c), 141.704, 141.852(a) and 143.4(b); and

- (b) The publications adopted by reference pursuant to the provisions of subsections 1 to 13, inclusive, 15 to 18, inclusive, 20, [23] 25 and [24] 26 of NAC 445A.54254 and subsections 1, 2 and [4] 6 of NAC 445A.54258.
- 5. A laboratory may obtain certification to use a performance-based measurement system or any other alternative method of testing if the Environmental Protection Agency indicates in the Federal Register that the method of testing is equivalent to an approved method of testing and the laboratory:
 - (a) Complies with the provisions of subsection 5 of NAC 445A.54268; and
- (b) Provides proof and evaluates the performance-based measurement system or any other alternative method of testing in accordance with the provisions of:
 - (1) Appendix El Section 5.5.4.5.2 of chapter 5 of the Standards; and
 - (2) 40 C.F.R. § 141.27.
- 6. To be certified to conduct an analysis of an analyte using an approved method of testing specified in subsection 4, the analyte must be listed by the Bureau in the approved method of testing pursuant to that subsection.
 - **Sec. 13.** NAC 445A.54266 is hereby amended to read as follows:
- 445A.54266 For the purposes of charging and collecting fees and conducting performance evaluations pursuant to the provisions of NAC 445A.542 to 445A.54296, inclusive, *and section*1 of this regulation, the Bureau shall classify each analyte for which a laboratory may be certified into the following categories:
 - 1. Mircrobiology.
 - 2. Primary inorganic [contaminants]
- $\frac{2}{2}$ analytes.

- 3. Radionuclides.
- 4. Secondary inorganic fcontaminants;
- 3. Regulated and unregulated volatile organic contaminants, including, without limitation, vinyl chloride and trihalomethanes;
- 4. Regulated and unregulated synthetic analytes.
 - 5. Synthetic organic [contaminants;
- 5. Radiochemical contaminants; analytes.
 - 6. [Individual primary or secondary inorganic contaminants; or] Volatile organic analytes.
 - 7. [Microbiological contaminants.] Any other individual analyte method.
 - 8. Any other multianalyte method.
 - **Sec. 14.** NAC 445A.54282 is hereby amended to read as follows:
- 445A.54282 1. The Bureau may deny an application for certification of a laboratory or revoke, suspend or limit the certification of a certified laboratory if the laboratory:
 - (a) Makes a false statement in:
 - (1) An application for certification;
 - (2) A report concerning the analysis of an environmental sample; or
- (3) Any other document relating to certification in violation of the provisions of NAC 445A.542 to 445A.54296, inclusive [;] and section 1 of this regulation;
- (b) Falsifies the results of any laboratory testing or misrepresents any information obtained from laboratory testing in violation of the provisions of NAC 445A.54268 or 445A.54292;
- (c) Fails to maintain the facilities or equipment of the laboratory in accordance with the quality manual or quality system of the laboratory;

- (d) Fails to participate satisfactorily in a proficiency testing program, if the program is available, in violation of the provisions of NAC 445A.54276;
- (e) Falsely claims certification for a method of testing or an analyte for which the laboratory is not certified in violation of the provisions of NAC 445A.54292;
- (f) Fails to prepare a plan of correction or to correct any deficiency specified by the Bureau within the period specified in the plan in violation of the provisions of NAC 445A.5428;
- (g) Fails to pay any fees or expenses of the [Bureau] Division of Environmental Protection of the State Department of Conservation and Natural Resources in violation of the provisions of NAC 445A.54296;
 - (h) Fails to notify the Bureau of any changes specified in NAC 445A.5429;
- (i) Authorizes a person who is not qualified to perform an analysis in violation of the provisions of NAC 445A.54268;
- (j) Communicates with or receives a communication concerning the results of a proficiency test sample from a laboratory on or before the date established for submitting the results of that sample to the provider of the sample pursuant to the provisions of NAC 445A.54276;
- (k) Knowingly receives a proficiency test sample from a laboratory or provides a proficiency test sample to a laboratory on or before the date specified in paragraph (j);
- (1) Prohibits an employee of the Bureau from conducting an inspection of the laboratory in violation of the provisions of NAC 445A.5428;
- (m) Fails to provide to the Bureau any information required by the Bureau to determine whether the laboratory is operated in compliance with the provisions of NAC 445A.542 to 445A.54296, inclusive [;], and section 1 of this regulation;

- (n) Misrepresents any material fact to obtain or maintain certification pursuant to the provisions of NAC 445A.542 to 445A.54296, inclusive [;], and section 1 of this regulation; or
- (o) Engages in any activity that is a ground for the denial of an application for certification or for the suspension or revocation of the certification of a laboratory set forth in section 4.4 of the Standards.
- 2. In determining whether to deny an application for certification or to revoke, suspend or limit the certification of a laboratory pursuant to this section, the Bureau shall consider:
 - (a) The gravity of the violation;
 - (b) The harm to the health and safety of the members of the general public;
 - (c) The intent of the person who committed the violation;
 - (d) The extent of the violation; and
 - (e) Any proposed correction of the violation.
 - 3. As used in this section :
- (a) "Protocol" has the meaning ascribed to it in Appendix B of chapter 5 of the Standards.
- (b) "Quality], "quality system" has the meaning ascribed to it in [Appendix B of chapter 5] of section 5.0 of the Standards.
 - **Sec. 15.** NAC 445A.54294 is hereby amended to read as follows:
- 445A.54294 1. If the Bureau determines that any facility, equipment, operation or other condition of a certified laboratory requires immediate action to protect the health and safety of the members of the general public and the Bureau receives the approval of the Administrator of the Division of [Public and Behavioral Health] Environmental Protection of the State

 Department of [Health] Conservation and [Human Services,] Natural Resources, the Bureau may, without notice or hearing, issue an emergency order:

- (a) Suspending the certification of the laboratory; and
- (b) Requiring the person to whom the Bureau issues the order to correct the condition for which the emergency order is issued.
- 2. An emergency order is effective upon issuance and is not subject to review unless, within 30 days after the date the order is served, the person to whom the Bureau issues the order petitions for a hearing before the [Board.] *Commission*.
- 3. The [Board] *Commission* shall continue, modify or revoke the emergency order within 30 days after it conducts the hearing required by the provisions of subsection 2.
 - **Sec. 16.** NAC 445A.54296 is hereby amended to read as follows:
- 445A.54296 1. [Each] Except as otherwise provided in subsection 4, a laboratory must submit an annual fee of \$700 with each application for [:
- (a) Chemistry certification must include a fee of \$500.
- (b) Microbiology certification must include a fee of \$600.] certification.
- 2. [In] Except as otherwise provided in subsection 4, in addition to the [fees] fee specified in subsection 1, [the Bureau shall charge and collect the following fees:] a laboratory must submit an annual certification fee for each category of analyte for which certification is requested. The categories of analytes and annual certification fees are:

Initial fee or anr	nual renewal fee for certification to analyze pr	imary inorganic
contaminants	3	
Initial foo or onr	nual renewal fee for certification to analyze se	acondory inorgania
	luai itiitwai itti itti teriiiitatitii to anaiyzt st	Condary morgame

Initial fee or annual renewal fee for certif	fication to as	nalyze reg	ulated and	d	
unregulated volatile organic contamin	ants, includi	ng trihale	methanes	and	
vinyl chloride					545
Initial fee or annual renewal fee for certif	fication to a	nalyze reg	ulated and	d	
unregulated synthetic organic contami	inants				1,090
Initial fee or annual renewal fee for certif	fication to a	nalyze rad	iochemica	al	
contaminants					545
Annual renewal fee for certification to ar	nalyze specif	ic primar	y or seco r	idary	
inorganic contaminants, or both					200
Annual renewal fee for microbiology cer	tification				600]
CATEGORY OF ANALYTE OR	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,
<i>METHOD</i>	2024	2025	2026	2027	2028
Microbiology	\$560	<i>\$644</i>	\$708	<i>\$779</i>	\$818
Primary inorganic analytes	763	877	965	1,062	1,115
Radionuclides	763	877	965	1,062	1,115
Secondary inorganic analytes	763	877	965	1,062	1,115
Synthetic organic analytes	1,526	1,755	1,930	2,123	2,230
Volatile organic analytes	763	877	965	1,062	1,115
Any other individual analyte	280	322	354	390	409
Any other multianalyte method	560	644	708	779	818

- 3. The initial or annual renewal fee for certification to analyze any chemical [contaminant not] analyte is equal to the respective fee set forth in subsection 2, [is \$400,] plus the per diem allowance and travel expenses provided for state officers and employees generally for each person who conducts an inspection that is required for certification of the laboratory. If the laboratory is located outside of this State, the laboratory must pay the actual travel and per diem expenses of the employee of the Division who conducts the inspection.
- 4. For the annual period of certification beginning on August 1, 2029, and for each annual period of certification thereafter, the Director of the State Department of Conservation and Natural Resources shall increase each fee set forth in this section by an amount that is equal to 3 percent of the fee for the immediately preceding period of certification. The Director may, for any individual annual period of certification, suspend an increase in a fee specified in this subsection.
- 5. The Director of the State Department of Conservation and Natural Resources shall post on the Internet website of the Division the fees required pursuant to this section that are applicable for each annual certification period.
- 6. If an application for certification to test for an analyte is received during the [fiscal year,] annual period of certification, the fees for that certification must be prorated by using the following formula:

Fee x .083 x the number of months remaining in the [fiscal year.] annual period of certification.

The month in which the application is submitted must not be counted as a month remaining in the [fiscal year.] annual period of certification. The prorated fee must be rounded to the next

highest dollar. The fee for submitting an application for certification to test for an analyte must not be prorated.

- [5. In addition to any fees paid by a laboratory located outside this State, each such laboratory shall pay to the Bureau the costs incurred by the Bureau to conduct an inspection of the laboratory.
- 6.] 7. A fee for certification to analyze a specific [contaminant] analyte must be paid before a certificate may be issued.
 - 8. Any fee paid pursuant to the provisions of this section is nonrefundable.
 - **Sec. 17.** NAC 459.9696 is hereby amended to read as follows:

459.9696 For the purposes of charging and collecting fees and conducting performance evaluations pursuant to the provisions of NAC 459.96902 to 459.9699, inclusive, the Division shall classify each analyte for which a laboratory may be certified into the following categories:

- 1. Bulk asbestos analysis of hazardous waste.
- 2. Characteristics of hazardous waste.
- 3. Dioxin in hazardous waste.
- 4. Herbicides.
- 5. Immunoassay methods for hazardous waste.
- 6. Infrared analysis of hazardous waste.
- 7. Inorganic chemistry of hazardous waste.
- 8. Liquid chromatography for hazardous waste.
- 9. Microbiology.
- 10. Miscellaneous screening methods for hazardous waste.
- 11. Pesticides.

- 12. Physical properties of hazardous waste.
- 13. Polyaromatic hydrocarbons in hazardous waste.
- 14. Polychlorinated biphenyls in hazardous waste.
- 15. Radiochemistry of hazardous waste.
- 16. Semivolatile organic chemistry of hazardous waste.
- 17. Toxicity bioassay of hazardous waste.
- 18. Trace metals in hazardous waste.
- 19. Volatile organic chemistry of hazardous waste.
- 20. Any other individual [contaminant.] analyte.
- 21. Any other individual [multicontaminant] multianalyte method.
- **Sec. 18.** NAC 459.96986 is hereby amended to read as follows:
- 459.96986 1. Except as otherwise provided in subsection [2,] 4, a laboratory must submit an annual fee of [\$500] \$700 with each application for certification.
- 2. [A laboratory which only performs analysis for microbiology is not required to pay the fee provided pursuant to subsection 1.
- 3. In Except as otherwise provided in subsection 4, in addition to the fee required pursuant to the provisions of subsections 1 and [4,] 3, a laboratory must submit an annual certification fee for each category of [contaminant] analyte for which certification is requested. The categories of [contaminants] analytes and annual certification fees are:

ANNUAL

ICATEGORY OF CONTAMINANT

FEE

Bulk asbestos analysis of hazardous waste	\$400
Characteristics of hazardous waste	350
Dioxin in hazardous waste	400
Herbicides	545
Immunoassay methods for hazardous waste	545
Infrared analysis of hazardous waste	545
Inorganic chemistry of hazardous waste	545
Liquid chromatography for hazardous waste	545
Microbiology	400
Miscellaneous screening methods for hazardous waste	400
	per
	method
Pesticides	545
Physical properties of hazardous waste	350
Polyaromatic hydrocarbons in hazardous waste	545
Polychlorinated biphenyls in hazardous waste	545
Radiochemistry of hazardous waste	545
Semivolatile organic chemistry of hazardous waste	545
Toxicity bioassay of hazardous waste	400

Trace metals in hazardous waste					545
Volatile organic chemistry of hazardous wa	aste				545
Any other individual contaminant					200
Any other individual multicontaminant method					400]
	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,	Aug. 1,
CATEGORY OF ANALYTE	2024	2025	2026	2027	2028
Bulk asbestos analysis of hazardous					
waste	<i>\$560</i>	\$644	\$708	\$779	\$818
Characteristics of hazardous waste	490	564	620	682	716
Dioxin in hazardous waste	560	644	708	779	818
Herbicides	763	8 77	965	1,062	1,115
Immunoassay methods for hazardous					
waste	763	877	965	1,062	1,115
Infrared analysis of hazardous waste	763	877	965	1,062	1,115
Inorganic chemistry of hazardous					
waste	763	877	965	1,062	1,115
Liquid chromatography for hazardous					
waste	763	877	965	1,062	1,115

	Aug. 1,				
CATEGORY OF ANALYTE	2024	2025	2026	2027	2028
Microbiology	560	644	708	779	818
Miscellaneous screening methods for					
hazardous waste	560	644	708	779	818
Pesticides	763	877	965	1,062	1,115
Physical properties of hazardous waste	490	564	620	682	716
Polyaromatic hydrocarbons in					
hazardous waste	763	877	965	1,062	1,115
Polychlorinated biphenyls in					
hazardous waste	763	877	965	1,062	1,115
Radiochemistry of hazardous waste	763	877	965	1,062	1,115
Semivolatile organic chemistry of					
hazardous waste	763	877	965	1,062	1,115
Toxicity bioassay of hazardous waste	560	644	708	779	818
Trace metals in hazardous waste	763	877	965	1,062	1,115
Volatile organic chemistry of					
hazardous waste	763	877	965	1,062	1,115
Any other individual analyte	280	322	354	390	409
Any other individual multianalyte					
method	560	644	708	779	818

[4. In]

- 3. Except as otherwise provided in subsection 4, in addition to the fees required pursuant to the provisions of subsections 1 and [3,] 2, if a laboratory applies for certification for [a contaminant] an analyte in more than two of the approved methods of testing for that [contaminant,] analyte, the laboratory must submit a fee of [\$200] \$280 for each additional approved method of testing.
- 4. For the annual period of certification beginning on August 1, 2029, and for each annual period of certification thereafter, the Director of the State Department of Conservation and Natural Resources shall increase each fee set forth in this section by an amount that is equal to 3 percent of the fee for the immediately preceding period of certification. The Director may, for any individual annual period of certification, suspend an increase in a fee specified in this subsection.
- 5. The Director of the State Department of Conservation and Natural Resources shall post on the Internet website of the Division the fees required pursuant to this section that are applicable for each annual certification period.
- 6. If a laboratory applies for certification for additional [contaminants] analytes after the laboratory has been issued a certification for an annual period of certification, the fee for certification for each additional [contaminant] analyte is equal to the respective fee provided for that [contaminant] analyte pursuant to the provisions of subsection [3.] 2. The fee must be prorated pursuant to subsection [6] 7, if the provisions of that subsection otherwise apply. If the Division conducts an evaluation for certification at the laboratory, the laboratory must pay, at the rate provided for state officers and employees generally, the actual travel and per diem expenses

of the Division. If the laboratory is located outside of this State, the [expenses] *laboratory* must [be paid pursuant to the provisions of subsection 7.

—6.] pay the actual travel and per diem expenses of the employee of the Division who conducts the evaluation.

7. The fees are effective for 12 months beginning on August 1 of each year. If an application for certification to test for an analyte is submitted during that period, the fees for that certification must be prorated using the following formula:

Fee X .083 X the number of months remaining in the *annual* period of certification.

For the purpose of prorating fees, an application for certification to test for an analyte shall be deemed to have been submitted at the beginning of a month regardless of the date of the application. The prorated fee must be rounded to the next highest dollar. The fee provided pursuant to the provisions of subsection 1 must not be prorated.

- [7. If an evaluation for certification of a laboratory that is located outside of this State is conducted, the laboratory must pay the actual travel and per diem expenses of the employee of the Division who conducts the evaluation.]
- 8. The fee for certification to test for a specific analyte must be paid before a certificate for that analyte may be issued.
 - 9. Any fee paid pursuant to the provisions of this section is nonrefundable.
 - **Sec. 19.** NAC 445A.54218 is hereby repealed.

- **Sec. 20.** 1. This section and sections 1, 4 to 12, inclusive, 14, 15 and 19, of this regulation become effective on the date on which the Legislative Counsel files this regulation with the Secretary of State pursuant to NRS 233B.070.
 - 2. Sections 2, 3, 13, 16, 17 and 18 of this regulation become effective on August 1, 2024.

TEXT OF REPEALED SECTION

445A.54218 "Board" defined. (NRS 445A.860, 445A.863) "Board" means the State Board of Health.