15A NCAC 02H .0804 is amended as published in 37:07 NCAC 538 as follows:

15A NCAC 02H .0804 PARAMETERS FOR WHICH CERTIFICATION MAY BE REQUESTED

(a) Commercial Laboratories shall obtain Certification for Parameter Methods used to generate data that will be reported by the client to the State in accordance with the rules of this Section. Municipal and Industrial Laboratories shall obtain Certification for Parameter Methods used to generate data that will be reported to the State in accordance with the rules of this Section. Commercial Laboratories shall obtain Certification for Field Parameter Methods used to generate data that will be reported by the client to the State in accordance with the rules of this Section. Municipal and Industrial laboratories shall obtain Certification for Field Parameter Methods used to generate data that will be reported to the State in accordance with the rules of this Section.

(b) Inorganics: Each of the inorganic, physical characteristic, and microbiological analytes listed in this Paragraph shall be considered a certifiable parameter. Analytical methods shall be determined from the sources listed in Rule .0805(a)(1) of this Section. One or more analytical methods or Parameter Methods may be listed with a laboratory's certified Parameters. Certifiable inorganic, physical characteristic, and microbiological Parameters are as follows:

(1) Acidity;
(2) Alkalinity;
(3) Biochemical Oxygen Demand;
(4) Bromide;
(5) Carbonaceous Biochemical Oxygen Demand;
(6) Chemical Oxygen Demand;
(7) Chloride;
(8) Chlorine, Free Available;
(9) Chlorine, Total Residual;
(10) Chlorophyll;
(11) Coliform, Fecal;
(12) Coliform, Total;
(13) Color;
(14) Conductivity/Specific Conductance;
(15) Cyanide;
(16) Dissolved Organic Carbon;
(17) Dissolved Oxygen;
(18) Enterococci;
(19) Escherichia Coliform (E. coli);
(20) Flash Point;
(21) Fluoride;
(22) Hardness, Total;
(23) Ignitability;

(24) Surfactants as Methylene Blue Active Surfactants;
(25) Nitrogen, Ammonia;
(26) Nitrogen, Nitrite plus Nitrate;
(27) Nitrogen, Nitrate;
(28) Nitrogen, Nitrite;
(29) Nitrogen, Total Kjeldahl;
(30) Oil and Grease;
(31) Orthophosphate;
(32) Paint Filter Liquids;
(33) pH;
(34) Phenols;
(35) Phosphorus, Total;
(36) Residue, Settleable;
(37) Residue, Total;
(38) Residue, Total Dissolved;
(39) Residue, Total Suspended;
(40) Residue, Volatile;
(41) Salinity;
(42) Salmonella;
(43) Silica;
(44) Sulfate;
(45) Sulfide;
(46) Sulfite;
(47) Temperature;
(48) Total Organic Carbon;
(49) Turbidity;
(50) Vector Attraction Reduction: Option 1;
(51) Vector Attraction Reduction: Option 2;
(52) Vector Attraction Reduction: Option 3;
(53) Vector Attraction Reduction: Option 4;
(54) Vector Attraction Reduction: Option 5;
(55) Vector Attraction Reduction: Option 6;
(56) Vector Attraction Reduction: Option 7;
(57) Vector Attraction Reduction: Option 8; and
(58) Vector Attraction Reduction: Option 12.

(c) Metals: Each of the metals listed in this Paragraph shall be considered a certifiable Parameter. One or more Parameter Methods shall be listed with a laboratory's certified Parameters. Analytical methods shall be determined from the sources listed in Rule .0805(a)(1) of this Section. Certifiable metals are as follows:

(1) Aluminum;
(2) Antimony;
(3) Arsenic;
(4) Barium;
(5) Beryllium;
(6) Boron;
(7) Cadmium;
(8) Calcium;
(9) Chromium, Hexavalent (Chromium VI);
(10) Chromium, Total;
(11) Chromium, Trivalent (Chromium III);
(12) Cobalt;
(13) Copper;
(14) Hardness, Total (Calcium + Magnesium);
(15) Iron;
(16) Lead;
(17) Lithium;
(18) Magnesium;
(19) Manganese;
(20) Mercury;
(21) Molybdenum;
(22) Nickel;
(23) Potassium;
(24) Phosphorus;
(25) Selenium;
(26) Silica;
(27) Silver;
(28) Sodium;
(29) Strontium;
(30) Thallium;
(31) Tin;
(32) Titanium;
(33) Vanadium; and
(34) Zinc.

(d) Organics: Each of the organic Parameters listed in this Paragraph shall be considered a certifiable Parameter. One or more Parameter Methods shall be listed with a laboratory's certified Parameters. Analytical methods shall be determined from the sources listed in Rule .0805(a)(1) of this Section. Certifiable organic Parameters are as follows:

(1) 1,2-Dibromoethane (EDB); 1,2-Dibromo-3-chloro-propane (DBCP); 1,2,3-Trichloropropane (TCP);
(2) Acetonitrile;
(3) Acrolein, Acrylonitrile;
(4) Adsorbable Organic Halides;
(5) Base/Neutral and Acid Organics;
(6) Benzidines;
(7) Chlorinated Acid Herbicides;
(8) Chlorinated Hydrocarbons;
(9) Chlorinated Phenolics;
(10) Explosives;
(11) Extractable Petroleum Hydrocarbons;
(12) Haloethers;
(13) N-Methylcarbamates;
(14) Nitroaromatics and Isophorone;
(15) Nitrosamines;
(16) Nonhalogenated Volatile Organics;
(17) Organic Fluorine;
~~(17)~~(18) Organochlorine Pesticides;
~~(18)~~(19) Organophosphorus Pesticides;
(20) Per- and Polyfluoroalkyl Substances (PFAS);
~~(19)~~(21) Phenols;
~~(20)~~(22) Phthalate Esters;
~~(21)~~(23) Polychlorinated Biphenyls;
~~(22)~~(24) Polynuclear Aromatic Hydrocarbons;
~~(23)~~(25) Purgeable Aromatics;
~~(24)~~(26) Purgeable Halocarbons;
~~(25)~~(27) Purgeable Organics;
~~(26)~~(28) Total Organic Halides;
~~(27)~~(29) Total Petroleum Hydrocarbons – Diesel Range Organics;
~~(28)~~(30) Total Petroleum Hydrocarbons – Gasoline Range Organics; and
~~(29)~~(31) Volatile Petroleum Hydrocarbons.

History Note: *Authority G.S. 143-215.3(a)(1); 143-215.3(a)(10);*

Eff. February 1, 1976;
Amended Eff. November 2, 1992; December 1, 1984;
Temporary Amendment Eff. October 1, 2001;
Amended Eff. August 1, 2002;
Readopted Eff. July 1, 2019;
Amended Eff. March 1, 2023.