

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY

**DIVISION OF WATER RESOURCES
LABORATORY CERTIFICATION BRANCH**

In accordance with the provisions of N.C.G.S. 143-215.3 (a) (1), 143-215.3 (a)(10) and NCAC 2H.0800:



2021

ALS Environmental - Rochester

Is hereby certified to perform environmental analysis as listed on Attachment I and report monitoring data to DEQ for compliance with NPDES effluent, surface water, groundwater, and pretreatment regulations.

By reference 15A NCAC 2H .0800 is made a part of this certificate.

This certificate does not guarantee validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

This certificate shall be valid until 12/31/2021

Certificate No. 676


Todd Crawford

North Carolina Wastewater/Groundwater Laboratory Certification

Certified Parameters Listing

Lab Name: ALS Environmental - Rochester
Address: 1565 Jefferson Road Building 300, Suite 360
Rochester, NY 14623-

Certificate Number: 676
Effective Date: 1/1/2021
Expiration Date: 12/31/2021
Date of Last Amendment: 8/5/2020

The above named laboratory, having duly met the requirements of 15A NCAC 2H.0800, is hereby certified for the measurement of the parameters listed below.

CERTIFIED PARAMETERS

INORGANIC

CHLORIDE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

COD

EPA 410.4, Rev. 2.0, 1993 (Aqueous)

CYANIDE

EPA 335.4, Rev. 1.0, 1993 (Total) (Aqueous)

SW-846 9012 B (Total) (Aqueous)

SW-846 9012 B (Total) (Non-Aqueous)

FLASH POINT

SW-846 1010 B (D93-80) (Aqueous)

HARDNESS TOTAL - WET CHEM

SM 2340 C-2011 (Aqueous)

INORGANIC PHENOLS

EPA 420.4, Rev. 1.0, 1993 (Aqueous)

SW-846 9066 (Aqueous)

NITROGEN, NITRATE

(NO₃ + NO₂ EPA 353.2, Rev. 2.0, 1993) - (NO₂ EPA 353.2, Rev. 2.0, 1993) (Aqueous)

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

NITROGEN, NITRITE

EPA 353.2, Rev. 2.0, 1993 (Aqueous)

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

NITROGEN, NO₃ + NO₂

EPA 353.2, Rev. 2.0, 1993 (Aqueous)

NITROGEN, TOTAL KJELDAHL

EPA 351.2, Rev. 2.0, 1993 (Aqueous)

ORGANIC CARBON, TOTAL

SM 5310 C-2011 (Heated Persulfate) (Aqueous)

SW-846 9060 A (Heated Persulfate) (Aqueous)

PHOSPHORUS, TOTAL

EPA 365.1, Rev. 2.0, 1993 (Aqueous)

RESIDUE, DISSOLVED 180 C

SM 2540 C-2011 (Aqueous)

SULFATE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SULFIDE

SM 4500 S²⁻ F-2011 (Aqueous)

SW-846 9034 (Non-Aqueous)

METAL

ARSENIC

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

BARIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

CADMIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

CHROMIUM HEXAVALENT

SM 3500-Cr-B-2011 (Aqueous)

SW-846 7196 A (Aqueous)

EPA 218.6, Rev. 3.3, 1994 (Aqueous)

SW-846 7199 (Aqueous)

SW-846 7199 (Non-Aqueous)

CHROMIUM TOTAL

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

COBALT

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

IRON

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

LEAD

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

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CERTIFIED PARAMETERS

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

MANGANESE

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

MERCURY

EPA 245.1, Rev. 3.0, 1994 (Aqueous)

SW-846 7470 A (Aqueous)

SW-846 7471 B (Non-Aqueous)

EPA 1631 E (Aqueous)

SELENIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SILVER

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

VANADIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

ZINC

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

ORGANIC

CHLORINATED ACID HERBICIDES

SW-846 8151 A (Aqueous)

SW-846 8151 A (Non-Aqueous)

PESTICIDES, ORGANOCHLORINE

SW-846 8081 B (Aqueous)

SW-846 8081 B (Non-Aqueous)

POLYCHLORINATED BIPHENYLS (PCBs)

SW-846 8082 A (Aqueous)

SW-846 8082 A (Non-Aqueous)

TPH DIESEL RANGE, ORGANICS

SW-846 8015 C (Aqueous)

SW-846 8015 C (Non-Aqueous)

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology, and satisfactory performance on evaluation samples. Laboratories are subject to civil penalties and/or decertification for infractions as set forth in 15A NCAC 2H.0807.