



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES**

William R. Snodgrass TN Tower
312 Rosa Parks Ave., 11th Floor
Nashville, Tennessee 37243

November 21, 2023

Alcoa Water Treatment Plant
Mr. TJ Emory
302 Sam Houston School Road
Alcoa, Tennessee 37701

Re: Audit Report
Lab # TN03002

Dear Mr. Emory:

Division of Water Resources personnel visited your laboratory and performed a microbiology audit on November 7, 2023. We would like to thank you and your staff for the courtesy extended during the audit. We appreciate the effort that is put forth to keep your laboratory and utility in compliance.

I. Certification Status

Alcoa Water Treatment Plant's microbiology certification for Colilert is valid through November 7, 2026; subject to the satisfactory correction of deviations and continued compliance with the State of Tennessee certification criteria and the USEPA laboratory certification criteria and procedures for quality assurance (*Manual for the Certification of Laboratories Analyzing Drinking Water, Fifth Edition, 2005*).

II. Deviations

The Colilert reference comparator was expired during the inspection. Every effort should be made to ensure that it is replaced before it expires. (EPA Certification Manual, Chapter 5, Section 5.3.1.10)

Documentation showing that a new comparator has been purchased and received has already been submitted. No further documentation is needed at this time.

III. Remarks

1. Continue building training folders for each employee that is involved with the laboratory. They should include documentation of all training and testing that shows competency in analyzing bacteriological samples. This can include classes that are taken for operator continuing education credits taught by Fleming Training Center or TAUD if they pertain to the laboratory. (EPA Certification Manual, Chapter 5, Section 1.4)
2. The Quality Assurance was reviewed during the inspection. It is very well written and should be followed in the daily operation of the laboratory. It should be reviewed annually and revised as needed. (EPA Certification Manual, Chapter 5, Section 7.1)


IV. Personnel

<u>Name</u>	<u>Specialty</u>
Kyle Allgood	Quality Assurance Manager
TJ Emory	Analyst
Paul Phillips	Analyst
Lori Harris	Analyst
Ronnie Nash	Analyst
Drew Napier	Analyst
Jasper Bailey	Analyst
Tyler Huff	Analyst
Randy Broughton	Analyst

In the event of personnel changes in the laboratory, the Certification Officer needs to be notified within 30 days of the change (Section 14.1 Criteria for Downgrading Certification Status, the *Manual for the Certification of Laboratories Analyzing Drinking Water, Fifth Edition, 2005*). Failure to report personnel changes that could impair analytical capability may cause the laboratory certification to be downgraded.

Thank you for your compliance with the drinking water laboratory regulations for the State of Tennessee. If you have any questions, please feel free to contact me at (423-839-6227) or Amy.Francis@tn.gov.

Sincerely,



Amy P. Francis
Laboratory Certification Officer
Tennessee Division of Water Resources

cc: Prasad Subbanna – Nashville Central Office
Robert Ramsey – Knoxville Environmental Field Office
Kyle Allgood – Alcoa Water Treatment Plant



The State of Tennessee

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

DIVISION OF WATER RESOURCES

Certifies That

Alcoa Water Treatment Plant

*Having Met the Requirements of the Regulations for the
Certification of Laboratories Analyzing Drinking Water
is hereby Approved as a*

State Certified Laboratory in Microbiology

*Total Coliform – Enzyme Substrate Method – Colilert SM9223
Escherichia coli – Enzyme Substrate Method – Colilert SM9223*

Laboratory ID Number 03002

Prasad Subbanna
Lab Certification Program Manager
Division of Water Resources

Amy P. Francis
Lab Certification Officer
Division of water Resources

Issue Date: 11/21/2023

Expiration Date: 11/07/2026

*This certification is subject to performance on E.P.A.
Proficiency Testing Samples, laboratory inspections,
payment of annual fees, is nontransferable, and
supersedes previously issued certificates*