JOSH GREEN, M.D.
GOVERNOR OF HAWAI'I
KE KIA'ĀINA O KA MOKU'ĀINA 'O HAWAI'I

KENNETH S. FINK, MD, MGA, MPH
DIRECTOR OF HEALTH
KA LUNA HO'OKELE

STATE OF HAWAII
DEPARTMENT OF HEALTH
STATE LABORATORIES DIVISION
2725 WAIMANO HOME ROAD
PEARL CITY, HAWAI'I 96782-1496

In reply, please refer to:
File: EHASB/Chemistry

July 29, 2025

Ms. Anastasia Krakhaleva
Quality Assurance Specialist
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, New Jersey 08077

Dear Ms. Krakhaleva:

After a review of the required documents, we are pleased to recommend that the data for drinking water analyses be "accepted" for regulatory purposes by the Hawaii Department of Health, Safe Drinking Water Branch until **June 30, 2026** for the parameter listed on the following pages.

All testing for regulatory drinking water purposes must be done with approved methods that are specified in this certification, and PT studies must be passed using these methodologies. The laboratory annually must successfully complete a PT study for each analyte to be certified. Failure to do so, would result in the loss of approval status with this state. In addition, the laboratory should perform its first PT study within the first half of the year.

It is the laboratory's responsibility to keep the Department of Health Certification Program informed by continuing to submit results of applicable PT studies, copies of in-state on-site evaluation reports, and immediate notification of any significant changes. The certification of your laboratory in Hawaii is based on your in-state and or on your NELAP certification. Any loss of certification for a specific parameter will result in loss of Hawaii certification for that parameter. **As a result, any changes to your in-state and or your NELAP certification status must be submitted immediately.**

All samples that are contracted out by your laboratory for Hawaii regulatory drinking water monitoring purposes must be analyzed by laboratories that have been approved by the Hawaii Safe Drinking Water Program. A list of Hawaii approved certified laboratories is available from Guansheng (Frank) Jiao, Ph.D. (808-453-6679) or from the Hawaii Safe Drinking Water Program (808-586-4258).

To avoid interruption of your approval, you must submit a written request for renewal at least two months prior to the expiration date indicated above.

If you have any questions, please call Guansheng (Frank) Jiao, Ph.D., Laboratory Certification Officer, at (808) 453-6679. Thank you for your time and efforts.

Sincerely,

Edward P. Desmond

Edward P. Desmond, Ph.D., D(ABMM)
State Laboratories Division Administrator

ED: gj

Enclosure

c: D. Lopez, Chief, Safe Drinking Water Branch

It is recommended that data from the following laboratory be accepted for drinking water analyses for regulatory purposes by the State of Hawaii, Department of Health, Safe Drinking Water Branch for the contaminants listed.

Effective Date: July 29, 2025
Expiration Date: June 30, 2026

Accreditation Authority: New Jersey NELAP

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, New Jersey 08077
(800) 220-3675

Asbestos in Drinking Water	EPA 100.1, 100.2

Inorganic Chemistry of Drinking Water

Alkalinity	SM 2320B
Bromide	EPA 300.0
Chloride	EPA 300.0
Conductivity	SM 2510B
Fluoride	EPA 300.0
Nitrate	EPA 300.0
Nitrite	EPA 300.0
Orthophosphate	EPA 300.0
Sulfate	EPA 300.0
Total dissolved solids (TDS)	SM 2540C
Total organic carbon (TOC)	SM 5310C
Turbidity	EPA 180.1
Chlorine – total, free, or combined	SM 4500-Cl G
pH	SM 4500-H B
Mercury	EPA 245.1
Aluminum	EPA 200.7, 200.8
Antimony	EPA 200.8
Arsenic	EPA 200.8
Barium	EPA 200.7, 200.8
Beryllium	EPA 200.8
Cadmium	EPA 200.7, 200.8
Calcium	EPA 200.7
Chromium	EPA 200.7, 200.8
Copper	EPA 200.7, 200.8
Iron	EPA 200.7
Lead	EPA 200.8
Magnesium	EPA 200.7
Manganese	EPA 200.7, 200.8

Nickel	EPA 200.7, 200.8
Potassium	EPA 200.7
Selenium	EPA 200.8
Silica	EPA 200.7
Silver	EPA 200.7, 200.8
Sodium	EPA 200.7
Thallium	EPA 200.8
Uranium	EPA 200.8
Zinc	EPA 200.7, 200.8
Calcium-hardness	SM 2340B
Total hardness	SM 2340B

Organic Chemistry of Drinking Water

1,2-Dibromo-3-chloropropane	EPA 504.1
1,2-Dibromoethane (EDB)	EPA 504.1
1,2,3-Trichloropropane	EPA 504.1
Regulated Volatile Organic Compounds	
Benzene	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chlorobenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,1-Dichloroethylene	EPA 524.2
cis-1,2-Dichloroethylene	EPA 524.2
trans-1,2-Dichloroethylene	EPA 524.2
1,2-Dichloropropane	EPA 524.2
Ethylbenzene	EPA 524.2
Methylene chloride (Dichloromethane)	EPA 524.2
Styrene	EPA 524.2
Tetrachloroethylene	EPA 524.2
Toluene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
Trichloroethylene	EPA 524.2
Vinyl chloride	EPA 524.2
Xylenes, total	EPA 524.2
Trihalomethanes (total)	EPA 524.2
Regulated Per- and Polyfluoroalkyl Substances (PFAS)	
Perfluorooctanoic acid (PFOA)	EPA 537.1, 533
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1, 533
Perfluorohexanesulfonic acid (PFHxS)	EPA 533

Perfluorononanoic acid (PFNA)	EPA 537.1, 533
Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX)	EPA 537.1, 533
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1, 533

Radiochemistry of Drinking Water

Gross – alpha (incl. Ra & U excl. radon)	Other ECLS-R-GA, Rev. 8
Gross – alpha-beta	EPA 900.0
Radium-226	EPA 903.0
Radium-228	EPA 904.0

RECOMMENDED:

gs gjao Jul 29, 2025

Guansheng Jiao, Ph.D. Date
Laboratory Certification Officer

APPROVED:

Edward P. Desmond Jul 30, 2025

Edward P. Desmond, Ph.D., D(ABMM) Date
State Laboratories Division Administrator