

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

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

December 30, 2024

Ms. Autumn Fields
Quality Assurance Officer
SGS North America Inc. – Wheat Ridge
4036 Youngfield Street
Wheat Ridge, Colorado 80033

Dear Ms. Fields:

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 **January 31, 2026** for the parameters 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 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.**

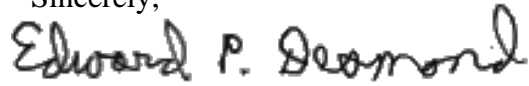
All samples that are contracted out by your laboratory for Hawaii regulatory drinking water monitoring purposes must be analyzed by laboratories that have been approved by the Hawaii Safe Drinking Water Program. A list of Hawaii approved certified laboratories is available from Guansheng (Frank) Jiao,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

Ms. Autumn Fields
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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., Interim Laboratory Certification Officer, at (808) 453-6679. Thank you for your time and efforts.

Sincerely,

A handwritten signature in black ink that reads "Edward P. Desmond". The signature is written in a cursive, flowing style.

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 by the State of Hawaii, Department of Health, Safe Drinking Water Branch for regulatory purposes, for the contaminants listed.

Effective Date: February 1, 2025

Expiration Date: January 31, 2026

Accreditation Authority: Utah NELAP

**SGS North America Inc. – Wheat Ridge
4036 Youngfield Street
Wheat Ridge, Colorado 80033
(720) 990-1076**

Inorganic Chemistry and Physical Properties of Drinking Water

pH	EPA 150.1
Turbidity	SM 2130 B
Color	SM 2120B
Alkalinity (as CaCO ₃)	SM 2320B
Hardness	SM 2340B
Conductivity	SM 2510B
Residual Free Chlorine	SM 4500-Cl G
Total Residual Chlorine	SM 4500-Cl G
Total Dissolved Solids (TDS)	SM 2540C
Total Cyanide	EPA 335.4
Total Organic Carbon	SM 5310B, 5310C
Dissolved Organic Carbon	SM 5310B, 5310C
Perchlorate	EPA 314.0
Bromate	EPA 300.1
Bromide	EPA 300.0
Chlorate	EPA 300.1
Chloride	EPA 300.0
Chlorite	EPA 300.1
Fluoride	EPA 300.0
Nitrate as N	EPA 300.0
Nitrite as N	EPA 300.0
Orthophosphate as P	EPA 300.0
Sulfate	EPA 300.0

Inorganic Chemistry Trace Metals of Drinking Water

Aluminum	EPA 200.8, 200.7
Antimony	EPA 200.8

Arsenic	EPA 200.8
Barium	EPA 200.8, 200.7
Beryllium	EPA 200.8, 200.7
Boron	EPA 200.7
Cadmium	EPA 200.8, 200.7
Calcium	EPA 200.7
Chromium	EPA 200.8, 200.7
Copper	EPA 200.8, 200.7
Iron	EPA 200.7
Lead	EPA 200.8
Magnesium	EPA 200.7
Manganese	EPA 200.8, 200.7
Molybdenum	EPA 200.8
Nickel	EPA 200.8, 200.7
Potassium	EPA 200.7
Selenium	EPA 200.8
Silver	EPA 200.8, 200.7
Silica	EPA 200.7
Sodium	EPA 200.7
Thallium	EPA 200.8
Uranium	EPA 200.8
Vanadium	EPA 200.8
Zinc	EPA 200.8, 200.7


Mercury	EPA 245.1
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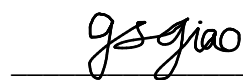
Organic Chemistry of Drinking Water

1,2-Dibromoethane (EDB)	EPA 504.1
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
Regulated Volatile Organic Compounds	EPA 524.2
Vinyl Chloride	EPA 524.2
Total Trihalomethanes	EPA 524.2
Alachlor	EPA 525.2
Aldrin	EPA 505
Atrazine	EPA 525.2
Dieldrin	EPA 505
Endrin	EPA 505
Heptachlor	EPA 505, 525.2
Heptachlor Epoxide	EPA 505
Hexachlorobenzene	EPA 505
Hexachlorocyclopentadiene	EPA 505
Gamma-BHC (Lindane)	EPA 505
Methoxychlor	EPA 505
Simazine	EPA 525.2
PCB Aroclor Screen	EPA 505

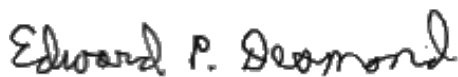
Toxaphene	EPA 505
Chlordane (tech)	EPA 505
Butachlor	EPA 525.2
Metolachlor	EPA 525.2
Metribuzin	EPA 525.2
Propachlor	EPA 525.2
Benzo(a)pyrene	EPA 525.2
Di(2-Ethylhexyl) Adipate	EPA 525.2
Di(2-Ethylhexyl) Phthalate	EPA 525.2
3-Hydroxycarbofuran	EPA 531.1
Aldicarb	EPA 531.1
Aldicarb Sulfone	EPA 531.1
Aldicarb Sulfoxide	EPA 531.1
Carbaryl	EPA 531.1
Carbofuran	EPA 531.1
Methiocarb	EPA 531.1
Methomyl	EPA 531.1
Oxamyl	EPA 531.1
Propoxur	EPA 531.1
Glyphosate	EPA 547
Endothall	EPA 548.1
Diquat	EPA 549.2
Paraquat	EPA 549.2
Bromoacetic Acid	EPA 552.2
Chloroacetic Acid	EPA 552.2
Dalapon	EPA 552.2
Dibromoacetic Acid	EPA 552.2
Dichloroacetic Acid	EPA 552.2
Trichloroacetic Acid	EPA 552.2

RECOMMENDED:

 Dec 30, 2024
 Richard Saiki, Ph.D. Date
 Certification Officer

 Dec 30, 2024
 Guansheng Jiao, Ph.D. Date
 Certification Officer

APPROVED:

 Dec 31, 2024
 Edward P. Desmond, Ph.D., D(ABMM) Date
 State Laboratories Division Administrator