

**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

April 6, 2023

Ms. Melissa Swanson  
Quality Assurance Officer  
Edge Analytical, Incorporated  
1620 South Walnut Street  
Burlington, Washington 98233

Dear Ms. Swanson:

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 **April 2, 2024** 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 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 Robert Pineda (808-453-6679) or from the Hawaii Safe Drinking Water Program (808-586-4258).

Ms. Melissa Swanson

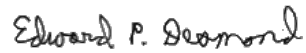
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**To avoid interruption of your approval, you must submit a written request for renewal at least two months prior to the expiration date indicated above.**

If you have any questions, please call Robert Pineda, Laboratory Certification Officer, at (808) 453-6679. Thank you for your time and efforts.

Sincerely,



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

ED:rp

Enclosure

c: D. Lopez, Chief, Safe Drinking 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: April 1, 2023**  
**Expiration Date: April 2, 2024**

**Accreditation Authority: Oregon NELAP**

**Edge Analytical Inc.**  
**1620 South Walnut St.**  
**Burlington, Washington 98233**  
**(360) 757-1400**

**Inorganic Chemistry and Physical Properties of Drinking Water**

pH	EPA 150.1
Turbidity	EPA 180.1
Chloride	EPA 300.0
Fluoride	EPA 300.0
Nitrate	EPA 300.0, SM 4500NO3F
Nitrate-nitrite	EPA 300.0, SM 4500NO3F
Nitrite	EPA 300.0, SM 4500NO3F
Orthophosphate as P	EPA 300.0, SM 4500PF
Sulfate	EPA 300.0
Cyanide, Available	OIA 1677
Color	SM 2120B
Alkalinity as CaCO <sub>3</sub>	SM 2320B
Conductivity	SM 2510B
Total Dissolved Solids (TDS)	SM 2540C
Residual Free Chlorine	SM 4500ClG
Total Organic Carbon	SM 5310B
Dissolved Organic Carbon	SM 5310B
UV 254	SM 5910B
Total Hardness as CaCO <sub>3</sub>	EPA 200.7

## **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
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
Mercury	EPA 200.8, 245.1
Nickel	EPA 200.8, 200.7
Selenium	EPA 200.8
Silver	EPA 200.8, 200.7
Sodium	EPA 200.7
Thallium	EPA 200.8
Zinc	EPA 200.8, 200.7
Uranium	EPA 200.8
Chromium, Hexavalent	EPA 218.6

## **Organic Chemistry of Drinking Water**

Alachlor	EPA 525.2
Aldrin	EPA 525.2, 508.1
Atrazine	EPA 525.2
Dieldrin	EPA 525.2, 508.1
Endrin	EPA 525.2, 508.1
Heptachlor	EPA 525.2, 508.1
Heptachlor Epoxide	EPA 525.2, 508.1
Hexachlorobenzene	EPA 525.2
Hexachlorocyclopentadiene	EPA 525.2
Gamma-BHC(Lindane)	EPA 525.2, 508.1
Methoxychlor	EPA 525.2, 508.1
Propachlor	EPA 525.2
Simazine	EPA 525.2
Toxaphene	EPA 508.1
Chlordane	EPA 508.1
Butachlor	EPA 525.2
Metribuzin	EPA 525.2

## Organic Chemistry of Drinking Water

Metolachlor	EPA 525.2
Molinate	EPA 525.2
Trifluralin	EPA 525.2
PCB Aroclor Screen	EPA 508.1
Benzo(a) pyrene	EPA 525.2
Di(2-Ethylhexyl) Adipate	EPA 525.2
Di(2-Ethylhexyl) Phthalate	EPA 525.2
Diquat	EPA 549.2
Endothall	EPA 548.1
Glyphosate	EPA 547
Bromoacetic Acid	EPA 552.3
Chloroacetic Acid	EPA 552.3
Dibromoacetic Acid	EPA 552.3
Dichloroacetic Acid	EPA 552.3
Trichloroacetic Acid	EPA 552.3
2,4-D	EPA 515.4
Dalapon	EPA 515.4
Dicamba	EPA 515.4
Dinoseb	EPA 515.4
Pentachlorophenol	EPA 515.4
Picloram	EPA 515.4
2,4,5-TP (Silvex)	EPA 515.4
Aldicarb	EPA 531.2
Aldicarb Sulfone	EPA 531.2
Aldicarb Sulfoxide	EPA 531.2
Carbaryl	EPA 531.2
Carbofuran	EPA 531.2
3-Hydroxycarbofuran	EPA 531.2
Methomyl	EPA 531.2
Oxamyl	EPA 531.2
Propoxur (Baygon)	EPA 531.2
Methiocarb	EPA 531.2
1,2-dibromoethane (EDB)	EPA 504.1
1,2-dibromo-3-chloropropane (DBCP)	EPA 504.1
1,2,3-trichloropropane (TCP)	EPA 504.1

## Organic Chemistry of Drinking Water

### 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

### RECOMMENDED:

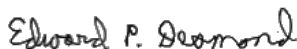


Apr 6, 2023

Robert Pineda  
Certification Officer

Date

### APPROVED:



Apr 10, 2023

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

Date