

**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 19, 2024

Ms. Virginia Zusman  
Quality Assurance Director  
Suburban Laboratories  
1950 S. Batavia Ave, Suite 150  
Geneva, IL 60134

Dear Ms. Zusman:

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 **October 31, 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. 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. Virginia Zusman

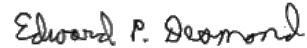
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**To avoid interruption of your approval, you must submit a written request for renewal at least two months prior to the expiration date indicated above.**

If you have any questions, please call Guansheng (Frank) Jiao, Ph.D., 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:gj

Enclosure

c: D. Lopez, Chief, Safe Drinking Branch

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

**Effective Date: April 19, 2024**

**Expiration Date: October 31, 2024**

**Accreditation Authority: Illinois NELAP**

**Suburban Laboratories  
1950 S. Batavia Ave, Suite 150  
Geneva, Illinois 60134  
(708) 544-3260**

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

|                              |                        |
|------------------------------|------------------------|
| Alkalinity                   | SM 2320-B              |
| Conductivity                 | SM 2510-B              |
| Total Dissolved Solids (TDS) | SM 2540-C              |
| Fluoride                     | SM 4500-FC             |
| Orthophosphate as P          | SM 4500-PE             |
| Nitrate                      | EPA 353.2              |
| Nitrite                      | EPA 353.2              |
| Nitrate-Nitrite              | EPA 353.2              |
| Cyanide                      | EPA 335.4, SM 4500-CNE |

**Inorganic Chemistry Trace Metals of Drinking Water**

|                            |                  |
|----------------------------|------------------|
| Aluminum                   | EPA 200.8        |
| Antimony                   | EPA 200.8        |
| Arsenic                    | EPA 200.8        |
| Barium                     | 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 |
| Mercury                    | EPA 200.8, 245.1 |
| Nickel                     | EPA 200.7, 200.8 |
| Selenium                   | EPA 200.8        |
| Silica as SiO <sub>2</sub> | EPA 200.7        |

|          |                  |
|----------|------------------|
| Silver   | EPA 200.8        |
| Sodium   | EPA 200.7        |
| Thallium | EPA 200.8        |
| Zinc     | EPA 200.7, 200.8 |

### **Organic Chemistry of Drinking Water**

|                            |           |
|----------------------------|-----------|
| Alachlor                   | EPA 525.2 |
| Aldrin                     | EPA 505   |
| Atrazine                   | EPA 525.2 |
| Butachlor                  | EPA 525.2 |
| Dieldrin                   | EPA 505   |
| Heptachlor                 | EPA 505   |
| Heptachlor Epoxide         | EPA 505   |
| Hexachlorobenzene          | EPA 505   |
| Hexachlorocyclopentadiene  | EPA 505   |
| Gamma-BHC(Lindane)         | EPA 505   |
| Methoxychlor               | EPA 505   |
| Metolachlor                | EPA 525.2 |
| Metribuzin                 | EPA 525.2 |
| Propachlor                 | EPA 525.2 |
| Simazine                   | EPA 525.2 |
| PCB Aroclor Identification | EPA 505   |
| Chlordane                  | EPA 505   |
| Toxaphene                  | EPA 505   |
| Benzo(a)pyrene             | EPA 525.2 |
| Di(2-Ethylhexyl)adipate    | EPA 525.2 |
| Di(2-Ethylhexyl)phthalate  | EPA 525.2 |
| Glyphosate                 | EPA 547   |
| Endothall                  | EPA 548.1 |
| Diquat                     | EPA 549.2 |
| 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 |
| Dinoseb                    | EPA 515.4 |
| Pentachlorophenol          | EPA 515.4 |
| Picloram                   | EPA 515.4 |
| 2,4,5-TP (Silvex)          | EPA 515.4 |

|                                    |           |
|------------------------------------|-----------|
| 3-Hydroxycarbofuran                | EPA 531.2 |
| Aldicarb                           | EPA 531.2 |
| Aldicarb Sulfone                   | EPA 531.2 |
| Aldicarb Sulfoxide                 | EPA 531.2 |
| Carbaryl                           | EPA 531.2 |
| Carbofuran                         | EPA 531.2 |
| Methomyl                           | EPA 531.2 |
| Oxamyl                             | EPA 531.2 |
| Propoxur                           | EPA 531.2 |
| 1,2-Dibromoethane (EDB)            | EPA 504.1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 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 |

**RECOMMENDED:**

*gs jiao* Apr 19, 2024  
Guansheng Jiao, Ph.D. Date  
Certification Officer

**APPROVED:**

*Edward P. Desmond* Apr 23, 2024  
Edward P. Desmond, Ph.D., D(ABMM) Date  
State Laboratories Division Administrator