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, HAWAII 96782-1496

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

March 7, 2024

Mr. Michael Ng
Quality Assurance Manager
BSK Associates
687 North Laverne Avenue
Fresno, California 93727

Dear Mr. Ng:

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 29, 2025** 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 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 by the State of Hawaii, Department of Health, Safe Drinking Water Branch for regulatory purposes, for the contaminants listed.

Effective Date: March 7, 2024
Expiration Date: January 29, 2025

Accreditation Authority: Oregon NELAP

BSK Associates
687 North Laverne Avenue
Fresno, California 93727
(559) 497-2888

Inorganic Chemistry and Physical Properties of Drinking Water

Bromate	EPA 317.0
Chloride	EPA 300.0
Fluoride	EPA 300.0
Nitrate	EPA 300.0
Nitrite	EPA 300.0
Orthophosphate	EPA 300.0, SM 4500P E
Sulfate	EPA 300.0
Bromide	EPA 300.1
Chlorate	EPA 300.1
Chlorite	EPA 300.1
Perchlorate	EPA 314.0
Alkalinity	SM 2320B
Corrosivity (Langlier Index)	SM 2330B
Hardness	SM 2340B
Conductivity	SM 2510B
Total Dissolved Solids	SM 2540C
Chorine Residual, Free and Total	SM 4500Cl G
Cyanide, Total	SM 4500CN E
pH	SM 4500H+B
Dissolved Organic Carbon (DOC)	SM 5310C
Total Organic Carbon (TOC)	SM 5310C
Surfactants	SM 5540C
UV254	SM 5910B

Inorganic Chemistry Trace Metals of Drinking Water

Aluminum	EPA 200.7
Antimony	EPA 200.8

Arsenic	EPA 200.8
Barium	EPA 200.8, 200.7
Beryllium	EPA 200.8
Cadmium	EPA 200.8
Chromium	EPA 200.8
Copper	EPA 200.8, 200.7
Lead	EPA 200.8
Manganese	EPA 200.7
Mercury	EPA 200.8
Nickel	EPA 200.8
Selenium	EPA 200.8
Silver	EPA 200.8, 200.7
Thallium	EPA 200.8
Zinc	EPA 200.8, 200.7
Iron	EPA 200.7
Calcium	EPA 200.7
Magnesium	EPA 200.7
Potassium	EPA 200.7
Sodium	EPA 200.7
Hexavalent Chromium	EPA 218.6

Organic Chemistry of Drinking Water

Alachlor	EPA 525.3
Aldrin	EPA 505
Atrazine	EPA 525.3
Dieldrin	EPA 505
Endrin	EPA 505
Heptachlor	EPA 505
Heptachlor Epoxide	EPA 505
Hexachlorobenzene	EPA 505
Hexachlorocyclopentadiene	EPA 505
Gamma-BHC(Lindane)	EPA 505
Methoxychlor	EPA 505
Propachlor	EPA 525.3
Simazine	EPA 525.3
Toxaphene	EPA 505
Chlordane	EPA 505
Butachlor	EPA 525.3
Metribuzin	EPA 525.3
Metolachlor	EPA 525.3

Organic Chemistry of Drinking Water

Molinate	EPA 525.3
PCB Aroclor Screen	EPA 505
Benzo(a) pyrene	EPA 525.3

Di(2-Ethylhexyl) Adipate	EPA 525.3
Di(2-Ethylhexyl) Phthalate	EPA 525.3
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
Dicamba	EPA 515.4
Dinoseb	EPA 515.4
Pentachlorophenol	EPA 515.4
Picloram	EPA 515.4
2,4,5-TP (Silvex)	EPA 515.4
Bentazon	EPA 515.4
Aldicarb	EPA 531.1
Aldicarb Sulfone	EPA 531.1
Aldicarb Sulfoxide	EPA 531.1
Carbaryl	EPA 531.1
Carbofuran	EPA 531.1
3-Hydroxycarbofuran	EPA 531.1
Methomyl	EPA 531.1
Oxamyl	EPA 531.1
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
Methyl tert-butyl Ether (MTBE)	EPA 524.2
Tert-Amyl Methyl Ether (TAME)	EPA 524.2
Ethyl tert-butyl Ether (ETBE)	EPA 524.2
Trichlorofluoromethane (Freon 11)	EPA 524.2

Perfluorobutanesulfonic acid (PFBS)	EPA 537.1, 533
Perfluorodecanoic acid (PFDA)	EPA 537.1, 533
Perfluorododecanoic acid (PFDoA)	EPA 537.1, 533
Perfluoroheptanoic acid (PFHpA)	EPA 537.1, 533
Perfluorohexanesulfonic acid (PFHxS)	EPA 537.1, 533
Perfluorohexanoic acid (PFHxA)	EPA 537.1, 533
Perfluorononanoic acid (PFNA)	EPA 537.1, 533
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1, 533
Perfluorooctanoic acid (PFOA)	EPA 537.1, 533
Perfluorotetradecanoic acid (PFTA)	EPA 537.1
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1
Perfluoroundecanoic acid (PFUnA)	EPA 537.1, 533
N-Methyl-perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	EPA 537.1
N-Ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	EPA 537.1

Radiochemistry of Drinking Water

Uranium	EPA 200.8

RECOMMENDED:

gs-giao Mar 7, 2024

Guansheng Jiao, Ph.D. Date
Certification Officer

APPROVED:

Edward P. Desmond Mar 8, 2024

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