



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

1200 Sixth Avenue, Suite 900
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OFFICE OF
ENVIRONMENTAL ASSESSMENT

JUN 19 2012

Christopher Ball, Ph.D.
Laboratory Bureau Chief
Idaho Department of Health and Welfare
2220 Old Penitentiary Road
Boise, ID 83702

Dear Mr. Ball:

This summary report lists the certification status for drinking water analytical methods for which the Idaho Bureau of Laboratories (IBOL) has been designated to serve as a principal laboratory for the State of Idaho. Specific expectations for state principal laboratories are described in USEPA's Manual for the Certification of Laboratories Analyzing Drinking Water, Fifth Edition, January 2005. Certification is granted based on USEPA Region 10's on-site inspection the week of October 17, 2011, and evaluation of the laboratory's quality manual, standard operating procedures, performance test results, instrumentation, personnel qualifications, laboratory facilities, and responses regarding subsequent corrective actions.

MICROBIOLOGY

CERTIFIED:

Drinking Water (TCR) Presence/Absence Methods:

Standard Methods (SM) 9222 MF - total coliform
SM 9223B (Colilert P/A and Colilert 18) - total coliform and *E. coli*
SM 9223B (Colisure) - total coliform and *E. coli*
SM 9221B (MTF) - total coliform
SM 9221F - *E. coli*
SM 9221E - fecal coliform

Source Water (SWTR) enumerative methods:

SM 9223B (Colilert Quantitray) - total coliform and *E. coli*
SM 9215B - HPC using pour plate (new method)

ORGANICS

CERTIFIED:

EPA Method 504.1 – dibromochloropropane and ethylenedibromide

MEL-2012-0000071

EPA Method 515.4 - 2,4-D, dalapon, dinoseb, pentachlorophenol, picloram, and 2,4,5-TP
EPA Method 524.2 - benzene, carbon tetrachloride, chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, dichloromethane, 1,2-dichloropropane, ethylbenzene, styrene, tetrachloroethene, toluene, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, xylenes, and THMs
EPA Method 525.2 - benzo(a)pyrene, bis(2-ethylhexyl)adipate, bis(2-ethylhexyl)phthalate, alachlor, atrazine, endrin, heptachlor, heptachlor epoxide, hexachlorobenzene, hexachlorocyclopentadiene, lindane, methoxychlor, and simazine
EPA Method 531.2 - carbofuran and oxymyl
EPA Method 547 - glyphosate
EPA Method 549.2 - diquat
EPA Method 552.2 - regulated haloacetic acids

INORGANICS

CERTIFIED:

EPA Method 180.1 - turbidity
EPA Method 353.2 - nitrate plus nitrite
SM-4500-NO₂-B - nitrite
EPA method 300.0 - fluoride, nitrate, and nitrite
EPA Method 335.4 - total cyanide
EPA Method 245.1 - mercury by cold vapor atomic absorption (CVAA)
EPA Method 200.2 - sample digestion for metals
EPA Method 200.7 - metals by inductively coupled plasma - atomic emission spectroscopy (ICP-AES), barium, beryllium, chromium, and copper
EPA Method 200.8 - metals by inductively coupled plasma-mass spectrometry (ICP-MS), antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, selenium, thallium, and uranium

PROVISIONALLY CERTIFIED:

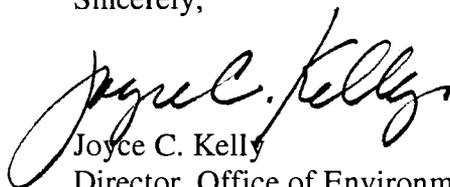
EPA Method 300.1 - bromate and chlorite

These certifications will be due for renewal in 2014, at which time an audit in support of your continued certification will be scheduled. I would like to thank you for the courtesy and cooperation you and your staff have shown the USEPA Region 10 Drinking Water Certification Officers. If you have any questions or comments on the report, please do not hesitate to contact me or the Certification Officers listed below:

Katie Adams (360)871-8748
Gerald Dodo (360)871-8728
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Christopher Pace (360)871-8703
Dana Walker (360)871-8704

Sincerely,



Joyce C. Kelly
Director, Office of Environmental Assessment
USEPA Region 10 Certification Authority

cc: Ernie Bader, IBOL, Chemistry Laboratory Manager
Marie Jennings, USEPA Region 10 Office of Water
Barry Pepich, USEPA Region 10 Laboratory Director
Stephanie Harris, USEPA Lead Microbiologist
Gerald Dodo, USEPA Region 10 Supervisory Chemist