UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

SEP 5 2012

Ref: 8TMS-L

Ms. Laurie Peterson-Wright
Colorado Department of Public Health and Environment
Laboratory Services Division
8100 Lowry Blvd.
Denver, CO 80230-6928

Dear Ms. Peterson-Wright:

An on-site evaluation of the Colorado Department of Public Health and Environment, Laboratory Services Division, located in Denver, Colorado was conducted on March 26, 2012 by EPA Region 8 Certification Officers. The purpose of this evaluation was to review the laboratory's chemistry and microbiology methods to determine its eligibility for certification under the Safe Drinking Water Act.

This letter serves to update your certification status based on corrective actions submitted by your laboratory in response to the March 2012 on-site evaluation report. In addition, this letter also updates your radiochemistry certification status to reflect submitted corrective actions and requested deletions from your scope. Certification is hereby granted to the Colorado Department of Public Health and Environment, Laboratory Services Division for the analytes, analytical methods, time period and certification status specified below.

		Certification		
Parameter	Method(s)	Begin Date	End Date	Status
Group: Disinfection Byproducts				
Bromate	300.1	9/2/2012	5/30/2015	Full
Chlorite	300.1	9/2/2012	5/30/2015	Full
HAA5	552.2	6/1/2012	5/30/2015	Full
TTHM	524.2	6/1/2012	5/30/2015	Full
Group: Copper & Lead				
Copper	200.7	9/2/2012	5/30/2015	Full
Lead	200.8	9/2/2012	5/30/2015	Full
Group: Nitrate & Nitrite				
Nitrate	300.0	6/1/2012	5/30/2015	Full
Nitrite	300.0	6/1/2012	5/30/2015	Full
Nitrate + Nitrite	353.2	6/1/2012	5/30/2015	Full
Group: Metals				
Antimony	200.8	9/2/2012	5/30/2015	Full
Arsenic	200.8	9/2/2012	5/30/2015	Full
Barium	200.7	9/2/2012	5/30/2015	Full

Parameter	Method(s)	Certification		
		Begin Date	End Date	Status
Beryllium	200.8	9/2/2012	5/30/2015	Full
Cadmium	200.8	9/2/2012	5/30/2015	Full
Chromium	200.7	9/2/2012	5/30/2015	Full
Mercury	245.1	6/1/2012	5/30/2015	Full
Selenium	200.8	9/2/2012	5/30/2015	Full
Thallium	200.8	9/2/2012	5/30/2015	Full
Group: Inorganics				
Cyanide	SM 4500 CN E	6/1/2012	5/30/2015	Full
Fluoride	300.0	6/1/2012	5/30/2015	Full
Group: Radiochemical Contaminants				
Gross Alpha	900.0	5/18/2011	5/18/2014	Full
Gross Beta	900.0	5/18/2011	5/18/2014	Full
Radium-226	903.0	5/18/2011	5/18/2014	Full
Radium-228	904.0	5/18/2011	5/18/2014	Full
Total Uranium	200.8	9/2/2012	5/30/2015	Full
Strontium-90	905.0	9/2/2012	5/18/2014	Full
Cesium-134	901.1	5/18/2011	5/18/2014	Full
Tritium	906.0	5/18/2011	5/18/2014	Full
Gamma Emitters	901.1	5/18/2011	5/18/2014	Full
Group: Synthetic Organic Contaminants Phase II				
2, 4, 5-TP	555	6/1/2012	5/30/2015	Full
2, 4-D	555	6/1/2012	5/30/2015	Full
Alachlor	525.2	6/1/2012	5/30/2015	Full
Atrazine	525.2	6/1/2012	5/30/2015	Full
Carbofuran	531.1	6/1/2012	5/30/2015	Full
Chlordane	505	6/1/2012	5/30/2015	Full
Dibromochloropropane	504.1	6/1/2012	5/30/2015	Full
Ethylene dibromide	504.1	6/1/2012	5/30/2015	Full
Heptachlor	525.2	6/1/2012	5/30/2015	Full
Heptachlor Epoxide	525.2	6/1/2012	5/30/2015	Full
Lindane	525.2	6/1/2012	5/30/2015	Full
Methoxychlor	525.2	6/1/2012	5/30/2015	Full
Pentachlorophenol	525.2	6/1/2012	5/30/2015	Full
Polychlorinated biphenyls (as Aroclors)	505	6/1/2012	5/30/2015	Full
Toxaphene	505	6/1/2012	5/30/2015	Full
Group: Synthetic Organic Contaminants Phase V				
Benzo[a]pyrene	525.2	6/1/2012	5/30/2015	Full
Dalapon	552.2	6/1/2012	5/30/2015	Full
Di(2-ethylhexyl)adipate	525.2	6/1/2012	5/30/2015	Full
Di(2-ethylhexyl)phthalate	525.2	6/1/2012	5/30/2015	Full
Dinoseb	555	9/2/2012	5/30/2015	Full
Endothall	548.1	6/1/2012	5/30/2015	Full
Endrin	525.2	6/1/2012	5/30/2015	Full
Glyphosate	547	9/2/2012	5/30/2015	Full
Hexachlorobenzene	525.2	6/1/2012	5/30/2015	Full
Hexachlorocyclopentadiene	525.2	6/1/2012	5/30/2015	Full
Oxamyl (Vydate)	531.1	6/1/2012	5/30/2015	Full
Picloram	555	6/1/2012	5/30/2015	Full
Simazine	525.2	6/1/2012	5/30/2015	Full
Group: Volatile Organic Contaminants				
1, 1, 1-Trichloroethane	524.2	6/1/2012	5/30/2015	Full

Parameter	Method(s)	Certification		
		Begin Date	End Date	Status
1, 1, 2-Trichloroethane	524.2	6/1/2012	5/30/2015	Full
1, 1-Dichloroethylene	524.2	6/1/2012	5/30/2015	Full
1, 2, 4-Trichlorobenzene	524.2	6/1/2012	5/30/2015	Full
1, 2-Dichlorobenzene	524.2	6/1/2012	5/30/2015	Full
1, 2-Dichloroethane	524.2	6/1/2012	5/30/2015	Full
1, 2-Dichloropropane	524.2	6/1/2012	5/30/2015	Full
1, 4-Dichlorobenzene	524.2	6/1/2012	5/30/2015	Full
Benzene	524.2	6/1/2012	5/30/2015	Full
Carbon Tetrachloride	524.2	9/2/2012	5/30/2015	Full
Chlorobenzene	524.2	6/1/2012	5/30/2015	Full
Cis-1, 2-dichloroethylene	524.2	6/1/2012	5/30/2015	Full
Dichloromethane	524.2	6/1/2012	5/30/2015	Full
Ethylbenzene	524.2	6/1/2012	5/30/2015	Full
Styrene	524.2	9/2/2012	5/30/2015	Full
Tetrachloroethylene	524.2	9/2/2012	5/30/2015	Full
Toluene	524.2	6/1/2012	5/30/2015	Full
Trans-1, 2-dichloroethylene	524.2	6/1/2012	5/30/2015	Full
Trichloroethylene	524.2	6/1/2012	5/30/2015	Full
Vinyl Chloride	524.2	6/1/2012	5/30/2015	Full
Xylenes	524.2	6/1/2012	5/30/2015	Full
Group: Microbiological Contaminants				
Total Coliform	9223 B Colilert (24&18, Detect)[a]	9/2/2012	5/30/2015	Full
	9223 B Colilert (24&18, Count)[b]	9/2/2012	5/30/2015	Full
	9221 B (Detect)[a]	9/2/2012	5/30/2015	Full
Fecal Coliform	9221E (Detect)[a]	9/2/2012	5/30/2015	Full
E. coli	9223 B Colilert (24&18, Detect)[a,c]	9/2/2012	5/30/2015	Full
	9223 B Colilert (24&18, Count)[d]	9/2/2012	5/30/2015	Full
Heterotrophic Plate Count	9215 B[a,b]	9/2/2012	5/30/2015	Full

a - Drinking Water - Total Coliform Rule 40 CFR 141.21
b- Source Water - Surface Water Treatment Rule 40 CFR 141.74
c- Ground Water - Ground Water Rule 40 CFR 141.402
d- Source Water - Long Term 2 Enhanced Surface Water Treatment Rule (LT2) 40 CFR 136.3

The expiration date for each parameter is listed in the table above. Certification will remain in effect for the period specified under the conditions that the laboratory follows the specified methods and that Water Supply Proficiency Testing (PT) samples are analyzed by the laboratory for each of the above listed parameters with acceptable results at a frequency of once per year.

In May 2012, three radiochemistry contaminants (Gross alpha, method EPA 00-02, Strontium-90, and Iodine-131) were placed under "Provisional" certification. Both Gross alpha (method EPA 00-02) and Iodine-131 were downgraded due to lack of successfully completed PT results in 2011. Your laboratory was instructed to successfully complete a PT study and have the results forwarded to Region 8. Strontium-90 and Iodine-131 required new Method Detection Limit (MDL) studies, as outlined in the 2011 Radiochemistry On-Site Laboratory Assessment Report and the subsequent Corrective Action Evaluation. Your laboratory has since submitted the requested documentation for Strontium-90, and

requested removal of Gross Alpha (method EPA 00-02 only) and Iodine-131 from your scope of certification. These changes are reflected in the above table.

If you have comments or questions, please contact Marcie Tidd, Region 8 Drinking Water Laboratory Certification Program Manager, at (303) 312-7764.

Sincerely,

for Judith Wong
Assistant Regional Administrator
Office of Technical & Management Services

cc: David Butcher, Lab Director CDPHE
Sarah Bahrman, 8P-W-DW