UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7 DRINKING WATER CERTIFICATE

Certificate No. R7MOC01

This is to certify that the

Missouri Department of Natural Resources Laboratory
2710 West Main
Jefferson City, Missouri 65109

has been certified in accordance with the Title 40, Code of Federal Regulations Parts 141 and 142 to perform environmental analyses in Drinking Water for the parameters and methods listed on the attached form. Continuous certification depends on successful, ongoing participation in the program.

Effective Date: 08/25/11

Ronald F. Hammerschmidt, PhD
US EPA Region 7
Certification Authority

Expiration Date: 10/26/14

Lawrence M. Marchin
US EPA Region 7
Laboratory Certification Program Manager

USEPA REGION 7 LABORATORY CERTIFICATION PROGRAM

Missouri Department of Natural Resources Laboratory	Certificate No.:	R7MOC01
Environmental Services Program	Effective Date:	08/25/11
Chemical Analysis Section Laboratory	Expiration Date:	10/26/14
2710 West Main	List Date:	01/12/12
Jefferson City, Missouri 65109	Reciprocity:	N/A

The laboratory listed above is hereby certified for the following analytes and methods:

METALS:	METHOD:
Arsenic	EPA 200.8
Barium	EPA 200.8 and EPA 200.7
Cadmium	EPA 200.8 and EPA 200.7
Chromium	EPA 200.8 and EPA 200.7
Copper	EPA 200.8 and EPA 200.7
Lead	EPA 200.8
Selenium	EPA 200.8
Antimony	EPA 200.8
Beryllium	EPA 200.8 and EPA 200.7
Thallium	EPA 200.8
Mercury	EPA 200.8 and EPA 245.1

NUTRIENTS:	METHOD:
Nitrate/Nitrite	EPA 353.2, QuickChem 10-107-04-1-C
Nitrite	EPA 353.2, QuickChem 10-107-05-1-A
Fluoride	SM 4500-F^- C, QuickChem 10-109-12-2-A

OTHER INORGANICS:	METHOD:
Cyanide	EPA 335.4, QuickChem 10-204-00-1-X
Chlorite	EPA 300.0
Bromate	EPA 300.1

ORGANOCHLORINE PESTICIDES:	METHOD:
Chlordane (Total)	EPA 508
Heptachlor	EPA 508
Heptachlor Epoxide	EPA 508
Lindane	EPA 508
Methoxychlor	EPA 508
Toxaphene	EPA 508
Endrin	EPA 508
Hexachlorobenzene	EPA 508
Hexachlorocyclopentadiene	EPA 508
PCBs	EPA 508

ORGANOCHLORINE PESTICIDES:	METHOD:
Alachlor	EPA 507
Atrazine	EPA 507
Simazine	EPA 507

HERBICIDES:	METHOD:
2,4-D	EPA 515.1
Pentachlorophenol	EPA 515.1
2,4,5-TP(Silvex)	EPA 515.1
Dinoseb	EPA 515.1
Picloram	EPA 515.1
Dalapon	EPA 515.1

VOCs:	METHOD:
Vinyl Chloride	EPA 524.2
Benzene	EPA 524.2
Carbon Tetrachloride	EPA 524.2
1,2-Dichloroethane	EPA 524.2
Trichloroethene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
cis-1,2-Dichoroethene	EPA 524.2
1,2-Dichloropropane	EPA 524.2
Ethylbenzene	EPA 524.2
Chlorobenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
Styrene	EPA 524.2
Tetrachloroethene	EPA 524.2
Toluene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
Xylenes (Total)	EPA 524.2
Dichloromethane	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2

THMs:	METHOD:
Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chlorodibromomethane	EPA 524.2
Chloroform	EPA 524.2

HALOACETIC ACIDS:	METHOD:
Dibromoacetic acid	EPA 552.2
Dichloroacetic acid	EPA 552.2
Monobromoacetic acid	EPA 552.2
Monochloroacetic acid	EPA 552.2
Trichloroacetic acid	EPA 552.2

CARBAMATES and OXIMES:	METHOD:
Carbofuran	EPA 531.1
Oxamyl (Vydate)	EPA 531.1