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ENVIROCARE OF UTAH, INC.
THE SAFE ALTERNATIVE

April 8, 1997

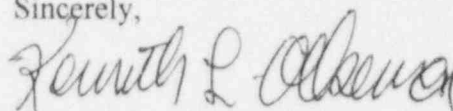
Mr. Joseph J. Holonich, Chief
U.S. Nuclear Regulatory Commission
Uranium Recovery Branch
Office of Nuclear Materials
Safety and Safeguards
Mail Stop T7J9
Washington, DC 20555-0001

Dear Mr. Holonich:

Attached are the Utah Laboratory certifications for Mountain States Analytical and American West Analytical Laboratory.

Please contact me if you have any questions.

Sincerely,



Kenneth L. Alkema
Director of Government Affairs

Enclosures

CC: William Sinclair
Loren Morten
Otis Willoughby

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State of Utah

Michael O. Leavitt
Governor

Rod L. Betit
Executive Director

Charles D. Brookopp, Dr. PH.
Director

Bureau of Laboratory Improvement
46 North Medical Drive
Salt Lake City, Utah 84113-1105
Telephone: (801) 584-8469
Fax: (801) 584-8501

DEC 06 1996

STEVEN GETZ
AMERICAN WEST ANALYTICAL
463 W 3600 S
SLC UT 84115-4246

Customer ID: AMWST
Account No: 8012638686

On the basis of your most recent audit results and compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Safe Drinking Water Act and authorized to perform the following analytes, or groups of analytes by method:

METALS

* ARSENIC 200.9
BARIUM 200.7
BERYLLIUM 200.7
CADMIUM 200.7
CHROMIUM 200.7
COPPER 200.7
IRON 200.7
IRON 31138
LEAD 200.9
MANGANESE 200.7
MERCURY 245.1
SELENIUM 200.9
SILVER 200.7
THALLIUM 200.9
ZINC 200.7

MINERALS

CALCIUM 200.7

CONDUCTIVITY 120.1

O-PHOSPHATE 365.1

SILICA 200.7

SODIUM 200.7

NUTRIENTS

FLUORIDE 4500F-C

NITRATE/NITRITE 353.2

SULFATE 375.4

MISCELLANEOUS

COLOR 2120B

CORROSIVITY/LANGLER 100FX

CYANIDE 335.3

ODOR 140.1

PH 150.1

TDS-SOLIDS 160.1

TURBIDITY 180.1

* Provisional Certification

This laboratory's certification is effective NOV 26 1996.

The expiration date for this laboratory's certification is MAY 31 1998. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certificate letter for the authorized method. Please call 801 584-0469.

Page Two

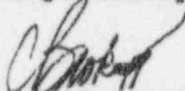
AMERICAN WEST ANALYTICAL

DEC 06 1996

Safe Drinking Water Act

The analytes or groups of analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. Any discrepancies must be documented and notice received by this Bureau within 15 days of receipt. The certification will be recalled in the event that your Laboratory's certification is revoked.

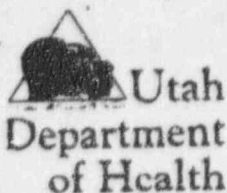
Respectfully,



Charles Brokopp, Dr. P.H.
Director

cc. Utah Department of Environmental Quality
Kevin W. Brown - Division of Drinking Water
Dennis Downs - Division of Solid and Hazardous Waste
Don A. Ostler - Division of Water Quality
U.S. EPA Region VIII QAO

The expiration date for this laboratory's certification is MAY 31 1998. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certificate letter for the authorized method. Please call 801-584-8469.



DIVISION OF EPIDEMIOLOGY
AND LABORATORY SERVICES

State of Utah

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Charles D. Brokopp, Dr. P.H.
Director

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Salt Lake City, Utah 84113-1105
Telephone: (801) 584-8469
Fax: (801) 584-8501

FEB 10 1997

STEVEN GETZ
AMERICAN WEST ANALYTICAL
463 W 3600 S
SLC UT 84115-4246

Customer ID: AMWST
Account No: 8012638686

On the basis of your most recent audit results and compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Resource Conservation and Recovery Act and authorized to perform the following analytes, or groups of analytes by method:

METALS

ALUMINUM 6010
ALUMINUM 6010A
ANTIMONY 6010
ANTIMONY 6010A
ANTIMONY 7041
ARSENIC 6010
ARSENIC 6010A
ARSENIC 7060A
BARIUM 6010
BARIUM 6010A
BERYLLIUM 6010
BERYLLIUM 6010A
CADMIUM 6010
CADMIUM 6010A
CADMIUM 7131
CHROMIUM 6010
CHROMIUM 6010A
CHROMIUM 7191
CHROMIUM, HEXAVALENT 7196A
COBALT 6010
COBALT 6010A
COPPER 6010
COPPER 6010A
IRON 6010
IRON 6010A
LEAD 6010
LEAD 6010A
LEAD 7621

BORON 6010
CALCIUM 6010
CALCIUM 6010A
MAGNESIUM 6010
MAGNESIUM 6010A
POTASSIUM 6010
POTASSIUM 6010A
SILICON 6010
SODIUM 6010
SODIUM 6010A

MISCELLANEOUS

ACID DIGEST TTL METALS 3010A
ACID DIGEST TTL HTL GFAA 3020A
ACID DIGEST-SOILS 3050A
AROMATIC VOLATILE ORG 8020
AROMATIC VOLATILE ORG 8020A
BOMB PERPARATION 5050
CATION EXCHANGE OF SOILS 9080
CATION EXCHANGE OF SOILS 9081
CHLORIDES 9253
CHLORINATED HERBICIDES 8151
CYANIDE TOTAL/AMENABLE 9012
IGNITABILITY 1010
LIQUID-LIQUID EXTRACTION 3510B
MICROWAVE DIGESTION 3015
MICROWAVE DIGESTION 3051
MULT EXTRACTION PROCEDURE 1320
NITROAROMATICS 8330

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Page Two

AMERICAN WEST ANALYTICAL

FEB 10 1997

Resource Conservation and Recovery Act

MANGANESE 6010
MERCURY 7470
MERCURY 7470A
MERCURY 7471
MERCURY 7471A
MOLYBDENUM 6010
MOLYBDENUM 6010A
NICKEL 6010
NICKEL 6010A
SELENIUM 6010
SELENIUM 6010A
SELENIUM 7740
SILVER 6010
SILVER 6010A
STRONTIUM 6010A
THALLIUM 6010
THALLIUM 6010A
THALLIUM 7841
VANADIUM 6010
VANADIUM 6010A
ZINC 6010
ZINC 6010A


MINERALS

NONHALOGEN VOLATILE ORG 8015
ORGANOCHL PEST 8081
PAINT FILTER LIQUID TST 9095
PCB 8081
PH 9060
PH 9040B
PHENOLICS 9066
PURGE AND TRAP 5030
REACTIVITY SEC 8.3
SEMIVOLATILES 8270
SEMIVOLATILES 8270B
SOXHLET EXTRACTION 3540B
SPECIFIC CONDUCTANCE 9050
SPLP 1312
SULFATES 9038
SULFIDES 9030A
TCIP METAL 1311
TCIP SEMI-VOLATILE 1311
TCIP VOLATILE 1311
TOTAL ORGANIC HALIDES 9020
TOTAL ORGANIC HALIDES 9020B
ULTRASONIC EXTRACTION 3550A
VOLATILES 8260
VOLATILES 8260A

This laboratory's certification is effective JAN 08 1997.

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Respectfully,



Charles Brokopp, Dr. P.H.
Director

cc. Utah Department of Environmental Quality
Kevin W. Brown - Division of Drinking Water
Dennis Downs - Division of Solid and Hazardous Waste
Don A. Ostler - Division of Water Quality
U.S. EPA Region VIII QAO

The expiration date for this laboratory's certification is MAY 31 1998. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certificate letter for the authorized method. Please call 801-584-8469.



State of Utah

Michael O. Learvitt
Governor

Rod L. Betit
Executive Director

Charles D. Brokopp, Dr. P.H.
Director

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FEB 10 1997

STEVEN GETZ
AMERICAN WEST ANALYTICAL
463 W 3600 S
SLC UT 84115-4246

Customer ID: AMWST
Account No: 8012638686

On the basis of your most recent audit results and compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Clean Water Act and authorized to perform the following analytes, or groups of analytes by method:

METALS

ALUMINUM 200.7
ANTIMONY 200.7
ANTIMONY 204.2
BARIUM 200.7
BERYLLIUM 200.7
CADMIUM 200.7
CHROMIUM 200.7
CHROMIUM 3500-CR D
CHROMIUM VI 3078
COBALT 200.7
COPPER 200.7
IRON 200.7
LEAD 200.7
LEAD 239.2
MANGANESE 200.7
MANGANESE 3500-MN D
MERCURY 245.1
MOLYBDENUM 200.7
NICKEL 200.7
SELENIUM 200.7
SELENIUM 270.2
SILVER 200.7
SILVER 272.2
THALLIUM 200.7
THALLIUM 279.2
TIN 200.7
VANADIUM 200.7
ZINC 200.7

POTASSIUM 200.7

SILICA 200.7
SODIUM 200.7
SPECIFIC CONDUCTANCE 120.1
SULFIDE 376.1
SULFITE 377.1

NUTRIENTS

AMMONIA 350.1
NITRATE/NITRITE 353.2
ORTHOPHOSPHATE 365.1
PHOSPHORUS 365.4
SULFATE 375.4
SULFATE 4500-SO4 C OR D
* TKN 351.2

RESIDUE

RESIDUE FILTERABLE TDS 160.1
RESIDUE NONFILT TSS 160.2
RESIDUE TOTAL 160.3
RESIDUE VOLATILE 160.4

DEMAND

BOD 405.1
COD HACH
DISSOLVED OXYGEN 360.2
TOC 415.1

ORGANIC

The expiration date for this laboratory's certification is MAY 31 1998. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certificate letter for the authorized method. Please call 801-584-8469.

Page Two

AMERICAN WEST ANALYTICAL

FEB 10 1997

Clean Water Act

MINERALS

ACIDITY 305.1
ALKALINITY 310.1
BORON 200.7
BROMIDE 320.1
CALCIUM 200.7
CHLORIDE 4300 CL B
FLUORIDE 340.1
FLUORIDE 340.2
HARDNESS 130.2
MAGNESIUM 200.7
PH 150.1

BASE/NEUTRALS & ACIDS 625
ORGANOCHLOR PEST 608
PURGEABLES 624

INORGANIC

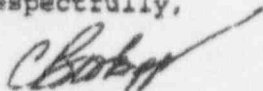
COLOR 2120B
CYANIDE 335.3
CYANIDE AMENABLE 335.1
OIL AND GREASE 413.1
* OIL AND GREASE SS&UB
PHENOLS 420.2
TURBIDITY 180.1

* Provisional Certification

This laboratory's certification is effective JAN 08 1997.

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Respectfully,



Charles Brokopp, Dr. P.H.
Director

cc. Utah Department of Environmental Quality
Kevin W. Brown - Division of Drinking Water
Dennis Downs - Division of Solid and Hazardous Waste
Don A. Ostler - Division of Water Quality
U.S. EPA Region VIII QAO

DIVISION OF EPIDEMIOLOGY
AND LABORATORY SERVICES

State of Utah

Michael O. Leavitt
GovernorRod L. Betit
Executive DirectorCharles D. Brokopp, Dr. PH.
DirectorBureau of Laboratory Improvement
46 North Medical Drive
Salt Lake City, Utah 84113-1105
Telephone: (801) 584-8469
Fax: (801) 584-8501

- 91000

AUG 06 1996

DOUGLAS W LATER PHD
MOUNTAIN STATES ANALYTICAL
1645 W 2200 S
SLC UT 84119Customer ID: MSA
Account No: 8019730050

On the basis of your most recent audit results and compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Clean Water Act and authorized to perform the following analytes, or groups of analytes by method:

METALS

ALUMINUM 200.7
ALUMINUM 202.1
ALUMINUM 202.2
ANTIMONY 200.7
ANTIMONY 204.1
ANTIMONY 204.2
ARSENIC 200.7
ARSENIC 206.2
ARSENIC 206.3
BARIUM 200.7
BARIUM 208.1
BARIUM 208.2
BERYLLIUM 200.7
BERYLLIUM 210.1
BERYLLIUM 210.2
CADMIUM 200.7
CADMIUM 213.1
CADMIUM 213.2
CHROMIUM 200.7
CHROMIUM 218.1
CHROMIUM 218.2
COBALT 200.7
COBALT 219.1
COBALT 219.2
COPPER 200.7
COPPER 220.1
COPPER 220.2
IRON 200.7CALCIUM 200.7
CALCIUM 215.1
CALCIUM 215.2
CHLORIDE 300.0
CHLORIDE 325.3
FLUORIDE 300.0
* FLUORIDE 340.2
HARDNESS 130.2
MAGNESIUM 200.7
MAGNESIUM 242.1
PH 150.1
POTASSIUM 200.7
POTASSIUM 258.1
SILICA 370.1
SODIUM 200.7
SODIUM 273.1
SPECIFIC CONDUCTANCE 120.1
SULFIDE 376.1
SULFITE 377.1

NUTRIENTS

AMMONIA 350.2
NITRATE 300.0
* NITRATE 352.1
* NITRATE/NITRITE 353.3
NITRITE 300.0
NITRITE 354.1
ORTHOPHOSPHATE 300.0
ORTHOPHOSPHATE 365.3

The expiration date for this laboratory's certification is APR 30 1997. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certificate letter for the authorized method. Please call 801-584-8469.

Page Two

MOUNTAIN STATES ANALYTICAL

AUG 06 1996

Clean Water Act

IRON 236.1
LEAD 200.7
LEAD 239.1
LEAD 239.2
MANGANESE 200.7
MANGANESE 243.1
* MERCURY 245.1
MOLYBDENUM 200.7
MOLYBDENUM 246.1
MOLYBDENUM 246.2
NICKEL 200.7
NICKEL 249.1
NICKEL 249.2
SELENIUM 200.7
SELENIUM 270.2
SELENIUM 270.3
SILVER 200.7
SILVER 272.1
SILVER 272.2
THALLIUM 200.7
THALLIUM 279.1
THALLIUM 279.2
TIN 282.1
TIN 282.2
VANADIUM 200.7
VANADIUM 286.1
VANADIUM 286.2
ZINC 200.7
ZINC 289.1
ZINC 289.2

MINERALS

ACIDITY 305.1
ALKALINITY 310.1
BORON 200.7
BROMIDE 300.0

PHOSPHORUS 365.3
SULFATE 300.0
SULFATE 375.4
TKM 351.3

RESIDUE

RESIDUE FILTERABLE TDS 160.1
RESIDUE NONFILT TSS 160.2
RESIDUE SETTLEABLE 160.5
RESIDUE TOTAL 160.3
RESIDUE VOLATILE 160.4

DEMAND

BOD 405.1
C BOD 52108
COD 410.4
DISSOLVED OXYGEN 360.1
TOC 415.1

ORGANIC

BASE/NEUTRALS & ACIDS 625
ORGANOCHLOR PEST 608
PCB 608
PHENOLS 604
* PURGEABLE AROMATIC 602
PURGEABLE HALOCARBONS 601
* PURGEABLES 624

INORGANIC

CL TTL RES 330.4
COLOR 110.2
CYANIDE 335.2
CYANIDE AMENABLE 335.1
OIL AND GREASE 413.1
PHENOLS 420.1
TURBIDITY 180.1

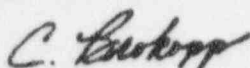
* Provisional Certification

Page Three
MOUNTAIN STATES ANALYTICAL
AUG 06 1996
Clean Water Act

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Respectfully,



Charles Brokopp, Dr. P.H.
Director

cc. Utah Department of Environmental Quality
Kevin W. Brown - Division of Drinking Water
Dennis Downs - Division of Solid and Hazardous Waste
Don A. Ostler - Division of Water Quality
U.S. EPA Region VIII QAO

The expiration date for this laboratory's certification is APR 30 1997. The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certificate letter for the authorized method. Please call 201-584-8469.



DIVISION OF EPIDEMIOLOGY
AND LABORATORY SERVICES

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Bureau of Laboratory Improvement

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Fax (801) 584-8501

AUG 14 1996

DOUGLAS W LATER PHD
MOUNTAIN STATES ANALYTICAL
1645 W 2200 S
SLC UT 84119

Customer ID: MSA
Account No: 8019730050

On the basis of your most recent audit results and compliance with the ELCP requirements, the laboratory listed is certified for environmental monitoring under the Resource Conservation and Recovery Act and authorized to perform the following analytes, or groups of analytes by method:

METALS

ALUMINUM 6010A
ALUMINUM 7020
ANTIMONY 6010A
ANTIMONY 7040
ANTIMONY 7041
ARSENIC 6010A
ARSENIC 7060
ARSENIC 7061A
BARIUM 6010A
BARIUM 7080
BARIUM 7081
BERYLLIUM 6010A
BERYLLIUM 7090
BERYLLIUM 7091
CADMIUM 6010A
CADMIUM 7130
CADMIUM 7131
CHROMIUM 6010A
CHROMIUM 7190
CHROMIUM 7191
CHROMIUM, HEXAVALENT 7196A
COBALT 6010A
COBALT 7200
COBALT 7201
COPPER 6010A
COPPER 7210
COPPER 7211
IRON 6010A

VANADIUM 7911

ZINC 6010A
ZINC 7950

MINERALS

BORON 6010
CALCIUM 6010A
CALCIUM 7140
M/ ESIIUM 6010A
MAGNESIUM 7450
PHOSPHORUS 6010A
POTASSIUM 6010A
POTASSIUM 7610
SODIUM 6010A
SODIUM 7770

MISCELLANEOUS

AROMATIC VOLATILE ORG 8020
CATION EXCHANGE OF SOILS 9081
CHLORIDES 9252A
CHLORINATED HERBICIDES 8150A
CHLORINATED HERBICIDES 8151
CYANIDE TOTAL/AMENABLE 9010A
EDB & DBCP 8011
EXPLOSIVES 8330
HALOGENATED VOLATILE ORG 8010A
IGNITABILITY 1010
NITRATE 9200
NONHALOGEN VOLATILE ORG 8015A

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Page Two

MOUNTAIN STATES ANALYTICAL

AUG 14 1996

Resource Conservation and Recovery Act

IRON 7380

LEAD 6010A

LEAD 7420

LEAD 7421

LITHIUM 6010A

MANGANESE 6010A

MANGANESE 7460

* MERCURY 7470

* MERCURY 7471

MOLYBDENUM 6010A

MOLYBDENUM 7480

MOLYBDENUM 7481

NICKEL 6010A

NICKEL 7520

SELENIUM 6010A

SELENIUM 7740

SELENIUM 7741

SILVER 6010A

SILVER 7760A

SILVER 7761

STRONTIUM 7780

THALLIUM 6010A

THALLIUM 7840

THALLIUM 7841

TIN 7870

VANADIUM 6010A

VANADIUM 7910

OIL & GREASE 9070

ORGANOCHL PEST 8080

ORGANOCHL PEST 8081

ORGANOPHOSPHORUS PEST 8141

PAH 8100

PAINT FILTER LIQUID TST 9095

PCB 8080

PCB 8081

PH 9040B

PH 9045C

PHENOLICS 9065

PHENOLS 8040A

REACTIVITY SEC 2.1.3

REACTIVITY SEC 8.3

SEMIVOLATILES 8270A

SPECIFIC CONDUCTANCE 9050

SULFATES 9038

SULFIDES 9030A

TCLP METAL 1311

TCLP SEMI-VOLATILE 1311

TCLP VOLATILE 1311

TOTAL ORGANIC CARBON 9060

TOTAL ORGANIC HALIDES 9020B

* VOLATILES 8240A

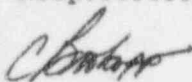
* VOLATILES 8260

* VOLATILES ORG CMPND-WATER 8021

* Provisional Certification

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Respectfully,



Charles Brokopp, Dr. P.H.
Director

cc. Utah Department of Environmental Quality

Kevin W. Brown - Division of Drinking Water

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Don A. Ostler - Division of Water Quality

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