



STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

FRANK KEATING
Governor

August 8, 2002

MEMORANDUM

TO: Laboratory Directors

FROM: David Caldwell, Laboratory Certification Officer^{DEC}
Customer Services Division

SUBJECT: List of General Water Quality/Sludge Testing Parameters Certified for
September 1, 2002 through August 31, 2003.

Enclosed is your laboratory's list of certified parameters for September 1, 2002 through August 31, 2003. This parameter list officially demonstrates your laboratory's General Water Quality/Sludge Testing certification status with the Oklahoma Department of Environmental Quality (DEQ).

One of the conditions of certification is to maintain on file your laboratory's list of certified parameters [See OAC 252:300-7-2]. This means that at least one copy of the list should be kept available in your laboratory at all times for review upon request. In each subsequent year, participating laboratories will receive a new, updated list of certified parameters.

Please remember that in order to be certified for a particular parameter a laboratory must:

- 1) Participate in the EPA's Water Pollution (WP) proficiency testing program for all parameters requested for certification, if offered by the WP testing program.
- 2) Pass at least one out of three of the most recent EPA WP performance evaluation samples (i.e. WP sample #34, #36 and 37 for the September 1, 2002 through August 31, 2003 certification period) for each parameter requested.
- 3) Pass 75% of all parameters within a certain category in order to be certified for any or all of the rest of that category's parameters that were not offered by the WP testing program. [See OAC 252:300-11-9(d)] Those who have or are pursuing certification for the Basic Environmental Category shall not be subject to the 75% passing provision. [See OAC 252:300-11-9(e)]

PLEASE REMEMBER TO REVIEW YOUR LIST OF CERTIFIED PARAMETERS FOR ACCURACY!

If you find any errors or have any questions regarding this memorandum please contact Mr. David Caldwell at (405) 702-1022.

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OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

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405-702-6100

Certes Environmental laboratory, LC
ID # 9419
Amy R. LaSalle
2209 Wisconsin St. Ste. 200
Dallas, TX 75229
(972) 620-7966

Laboratory Certification Program
General Water Quality/Sludge Testing
Certified parameters from 9-1-2002 to 8-31-2003

Metals

ALUMINUM
BARIUM
CADMIUM
COBALT
IRIDIUM
MAGNESIUM
MOLYBDENUM
PALLADIUM
RHODIUM
SILVER
TIN
ZINC

ANTIMONY
BERYLLIUM
CALCIUM
COPPER
IRON
MANGANESE
NICKEL
PLATINUM
SELENIUM
SODIUM
TITANIUM

ARSENIC
BORON
CHROMIUM
GOLD
LEAD
MERCURY
OSMIUM
POTASSIUM
SILICA
THALLIUM
VANADIUM

Nutrients

NITRITE-NITROGEN
TOTAL PHOSPHORUS
NITRATE-NITROGEN

ORGANIC-NITROGEN
AMMONIA-NITROGEN
NITRATE-NITRITE-NITROGEN

ORTHOPHOSPHATE PHOSPHORUS
TOTAL KJELDAHL-NITROGEN

Demands

5-DAY BOD
TOC

CARBONACEOUS BOD

COD

Extractable Organics

ACENAPHTHENE
BENZIDINE
BENZO(A)PYRENE
BENZO(K)FLUORANTHENE
BIS(2-CHLOROETHYL)ETHER
4-CHLORO-3-METHYLPHENOL
4-CHLOROPHENYL PHENYL ETHER
DIBENZOTHIOPHENE
1,4-DICHLOROBENZENE
2,4-DICHLOROPHENOL
DI-N-BUTYL PHTHALATE
2,4-DINITROTOLUENE
1,2-DIPHENYLHYDRAZINE
HEXACHLOROBENZENE
HEXACHLOROETHANE
2-METHYL-4,6-DINITROPHENOL
NITROBENZENE
N-NITROSODIMETHYLAMINE
PENTACHLOROPHENOL
PYRENE
TOLUENE
2,4,6-TRICHLOROPHENOL

ACENAPHTHYLENE
BENZO(C)ACID
BENZO(B)FLUORANTHENE
BENZYL BUTYL PHTHALATE
BIS(2-ETHYLHEXYL)PHTHALATE
2-CHLORONAPHTHALENE
CHRYSENE
1,2-DICHLOROBENZENE
3,3'-DICHLOROBENZIDINE
2,4-DIMETHYLPHENOL
DI-N-OCTYL PHTHALATE
2,6-DINITROTOLUENE
FLUORANTHENE
HEXACHLOROBUTADIENE
INDENO(1,2,3-CD)PYRENE
NAPHTHALENE
2-NITROPHENOL
N-NITROSODI-N-PROPYLAMINE
PHENANTHRENE
STYRENE
1,2,4-TRICHLOROBENZENE

ANTHRACENE
BENZO(A)ANTHRACENE
BENZO(G,H,I)PERYLENE
BIS(2-CHLOROETHOXY)METHANE
4-BROMOPHENYLPHENYLETHER
2-CHLOROPHENOL
DIBENZO(A,H)ANTHRACENE
1,3-DICHLOROBENZENE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
2,4-DINITROPHENOL
DIPHENYLAMINE
FLUORENE
HEXACHLOROCYCLOPENTADIENE
ISOPHORONE
N-NAPHTHYLAMINE
4-NITROPHENOL
N-NITROSODIPHENYLAMINE
PHENOL
2,3,7,8-TCDD
2,4,5-TRICHLOROPHENOL

General Chemistry I

ACIDITY
BROMIDE
COLOR
HARDNESS
MAGNESIUM
TOTAL RESIDUE
SETTLABLE RESIDUE
TURBIDITY

ALKALINITY
CALCIUM
COPPER
HYDROGEN ION (PH)
MANGANESE
TOTAL DISSOLVED SOLIDS
VOLATILE RESIDUE
ZINC

BROMINE
CHLORIDE
FLUORIDE
IRON
NITRATE
TOTAL SUSPENDED SOLIDS
SULFATE

Each certified laboratory shall provide a copy of this list upon request.

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General Chemistry II

TOTAL RESIDUAL CHLORINE
OIL AND GREASE
ELEMENTAL PHOSPHOROUS
SULFIDE

TOTAL CYANIDE
DISSOLVED OXYGEN
DISSOLVED SILICA
SULFITE

CYANIDE AMENABLE TO CHLORINATION
PHENOLICS
SPECIFIC CONDUCTANCE
SURFACTANTS

Microbiology

FECAL COLIFORM
TOTAL COLIFORM / CHLORINE

FECAL COLIFORM / CHLORINE
FECAL STREPTOCOCCI

TOTAL COLIFORM

Pesticides-Herbicides-PCB's

ALDRIN
DELTA-BHC
4,4'-DDD
DIELDRIN
ENDOSULFAN SULFATE
HEPTACHLOR
TOXAPHENE
PCB-1232
PCB-1254

ALPHA-BHC
GAMMA-BHC (LINDANE)
4,4'-DDE
ENDOSULFAN I
ENDRIN
HEPTACHLOR EPOXIDE
PCB-1016
PCB-1242
PCB-1260

BETA-BHC
CHLORDANE
4,4'-DDT
ENDOSULFAN II
ENDRIN ALDEHYDE
METHOXYCHLOR
PCB-1221
PCB-1248

Purgeable Organics

ACETONE
BENZENE
CARBON TETRACHLORIDE
2-CHLOROETHYL VINYL ETHER
DIBROMOCHLOROMETHANE
1,2-DICHLOROBENZENE
DICHLOROFLUOROMETHANE
1,1-DICHLOROETHENE
CIS-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE
TETRACHLOROETHANE
1,1,2-TRICHLOROETHANE
VINYL CHLORIDE

ACROLEIN
BROMODICHLOROMETHANE
CHLOROETHANE
CHLOROFORM
1,2-DIBROMOETHANE (EDB)
1,3-DICHLOROBENZENE
1,1-DICHLOROETHANE
TRANS-1,2-DICHLOROETHENE
TRANS-1,3-DICHLOROPROPENE
METHYLETHYL KETONE
TOLUENE
TRICHLOROETHENE

ACRYLONITRILE
BROMOFORM
CHLOROBENZENE
CHLOROMETHANE
DICHLOROBENZENE
1,4-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
ETHYLENE
1,1,2,2-TETRACHLOROETHANE
1,1,1-TRICHLOROETHANE
TRICHLOROFLUOROMETHANE

Hazardous Waste Characterization

WASTE IGNITABILITY
TCLP

WASTE CORROSIVITY

WASTE REACTIVITY

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