

# New CCME Standards

Brownfield Regulations approved by the Canadian Council for the  
Ministry of Environment

## Drinking Water Petroleum

All Products Produced & Tested under ISO 9001:2000 & ISO 17025

### Canadian Drinking Water Brownfield Regulation

#### Phenoxyacid Herbicides Mix **New**

##### CCME-CDW-PHERB

1 x 1 mL

1000 µg/mL each in  
Acetone

11 comps.

Bromoxynil	Pentachlorophenol
2,4-D	Picloram
Dicamba	2,4,5-T
2,4-Dichlorophenol	2,3,4,6-Tetrachlorophenol
Diclofop methyl	2,4,6-Trichlorophenol
Dinoseb	

#### Chlorinated Pesticide Mix **New**

##### CCME-CDW-CPEST

1 x 1 mL

200 µg/mL each in  
Hexane:Toluene  
(50:50)

14 comps.

Aldrin	4,4'-DDT
g-BHC	Dieldrin
a-Chlordane	Heptachlor
g-Chlordane	Heptachlor epoxide (Isomer B)
2,4'-DDE	Methoxychlor
4,4'-DDE	Oxychlordane Isomer
2,4'-DDT	Trifluralin

#### Carbamates Mix **New**

##### CCME-CDW-CARB

1 x 1 mL

1000 µg/mL each in  
AcCN

5 comps.

Aldicarb	Carbofuran
Bendiocarb	Triallate
Carbaryl	

## Petroleum Brownfield Regulation

Newly approved Brownfield Regulation that has been approved by the Canadian Council for the Ministry of the Environment (CCME) as of October 1, 2004.

### Light Petroleum Fraction **New**

#### CCME-LPF-SET

At stated conc. in MeOH

5 x 1 mL  
8 comps.

	CCME-LPF-0.05X	CCME-LPF-0.1X	CCME-LPF-0.2X	CCME-LPF-0.5X	CCME-LPF
	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL
n-Decane	12.5	25	50	125	250
n-Hexane	12.5	25	50	125	250
Toluene	12.5	25	50	125	250
Benzene	12.5	25	50	125	250
o-Xylene	12.5	25	50	125	250
m-Xylene	6.25	12.5	25	62.5	125
p-Xylene	6.25	12.5	25	62.5	125
Ethylbenzene	12.5	25	50	125	250

### Medium & Heavy Petroleum Fraction **New**

#### CCME-MHPF-SET

At stated conc. in n-Hexane

3 x 1 mL  
3 comps.

	CCME-MHPF-0.1X	CCME-MHPF-0.5X	CCME-MHPF
	µg/mL	µg/mL	µg/mL
n-Decane	40	200	400
n-Hexadecan	40	200	400
n-Tetratriacontane	40	200	400

### Performance Check Standard **New**

#### CCME-QC

40 µg/mL each in  
n-Hexane:Cyclohexane

1 x 1 mL  
2 comps.

### Spike Standard **New**

#### CCME-SPIKE

2500 µg/mL each  
in n-Hexane

1 x 1 mL  
2 comps.

n-Pentacontane

n-Tetracontane

SAE 30W Motor Oil - Non-Detergent Formula  
#2 Diesel Fuel - 50% Weathered

**PAH Standard**

H-QME-01

500 µg/mL each in Dichloromethane : Benzene

1 x 1 mL  
24 comps.

- Acenaphthene
- Acenaphthylene
- Anthracene
- Benz(a)anthracene
- Benzo(b)fluoranthene
- Benzo(j)fluoranthene
- Benzo(k)fluoranthene
- Benzo(g,h,i)perylene
- Benzo(c)phenanthrene
- Benzo(a)pyrene
- Benzo(e)pyrene
- Chrysene
- Dibenz(a,h)anthracene
- Dibenzo(a,h)pyrene
- Dibenzo(a,i)pyrene
- Dibenzo(a,l)pyrene
- 7,12-Dimethylbenz(a)anthracene
- Fluoranthene
- Fluorene
- Indeno(1,2,3-cd)pyrene
- 3-Methylcholanthrene
- Naphthalene
- Phenanthrene
- Pyrene