

## **Changes to the NELAC PT Program - WP**

Effective with all PT Studies starting June 1, 2005, the first major changes in the NELAC WP Proficiency Testing program take effect. The changes are summarized below.

### **New Acceptance Criteria**

- First the good news. The Field of Testing Subcommittee of the NELAC PT Board has updated all NELAC WP Acceptance Criteria after a lengthy review. Representatives from Wibby Environmental participated on this Subcommittee. The new criteria are more scientifically sound and equitable. For example, Acceptance Limits now cannot be tighter than 90 – 110%.

### **Experimental Analytes**

- For the first time, NELAC will be requiring accredited labs to run experimental PT analytes. The WP program has added fifty-two experimental analytes. The WP Experimental analytes are shown in the attached table.
- NELAC accredited labs have to run PTs for all experimental analytes on your scope of accreditation. You will not be subject to losing your accreditation if you receive a “Not Acceptable” for an experimental analyte. The idea behind this concept is that the NELAC PT Board wants to gather more information on the validity of the experimental acceptance limits before basing your accreditation on whether or not you pass these PTs.

### **New “Accreditation” Analytes**

- Twenty new analytes have been added to the WP Accreditation PT table. These analytes are listed in the attached table. All NELAC labs must now analyze PTs that include these analytes if the analyte is on your scope of accreditation.

### **New PAH Standards**

- NELAC now includes “low-level” HPLC PAHs in the WP Experimental table as well as “GC/MS level” PAHs in the WP Accreditation table. As a result Wibby Environmental now offers three NELAC compliant PT standards that contain PAHs.
  - GC/MS standard --- The WP Base Neutrals standard (cat #PT-BN-WP) continues to include the NELAC PAH analytes. This standard is designed for use with GC/MS methods.
  - HPLC standard --- This new standard, WP PAH (cat #PT-PAH-WP), includes the NELAC PAHs at HPLC levels (0.2 –10 µg/L). This standard is designed for use with HPLC and GC/MS-SIM methods. It can also be used for Wisconsin certification (categories 12 and 13)
  - GC standard – This NELAC compliant PAH standard, WP PAH NELAC (cat #PT-PAHGC-WP), only includes the NELAC PAHs at GC levels (10 –200 µg/L). This standard is designed for use with GC methods. It can also be used for Wisconsin certification (category 11).

Wibby Environmental has implemented all of the NELAC changes described above. If you have any questions or need further information, please do not hesitate to contact us at 303-940-0033.

Thanks again for choosing Wibby Environmental, The Name You've Known and Trusted for Years™.

**NELAC Fields of Proficiency Testing**  
**WP - New Analytes**  
**Effective 06/01/05**

NELAC Table	Analyte	Conc Range	Wibby PT Standard	
			Description	Cat #
	<b>Microbiology</b>	CFU/100 mL		
Accreditation	Enterococci, MF	20 to 1000	WP Enterococci	PT-ENT-WP
Accreditation	Enterococci, MPN	20 to 1000	WP Enterococci	PT-ENT-WP
	<b>Trace Metals</b>	µg/L		
Accreditation	Boron	800 to 2000	WP Trace Metals	PT-TM-WP
	<b>Minerals</b>	mg/L		
Accreditation	Calcium hardness as CaCO <sub>3</sub>	8.7 to 275	WP Minerals	PT-MIN-WP
Accreditation	Sulfide	1.0 to 10	WP Sulfide	PT-S2-WP
	<b>Nutrients</b>	mg/L		
Accreditation	Nitrate-nitrite as N	0.25 to 40	WP Nutrients	PT-NUT-WP
Accreditation	Nitrite as N	0.4 to 4.0	WP Nutrients	PT-NUT-WP
	<b>Misc. Analytes</b>	mg/L		
Accreditation	Total Petroleum Hydrocarbons <sup>1</sup>	20 to 170	WP TPH	PT-TPH-WP
Accreditation	Surfactants - MBAS	0.2 to 1.0	WP MBAS	PT-MBAS-WP
	<b>Pesticides</b>	µg/L		
Accreditation	alpha-Chlordane	1.0 to 9.8	WP Pesticides	PT-PEST-WP
Accreditation	gamma-Chlordane	1.2 to 7.8	WP Pesticides	PT-PEST-WP
	<b>Volatile Halocarbons</b>	µg/L		
Accreditation	4-Methyl-2-pentanone (MIBK)	20 to 200	WP Volatiles	PT-VOA-WP
Accreditation	Styrene	20 to 100	WP Volatiles	PT-VOA-WP
	<b>Base/Neutrals</b>	µg/L		
Accreditation	Dibenzofuran	30 to 125	WP Base Neutrals	PT-BN-WP
Accreditation	1,2-Dichlorobenzene <sup>2</sup>	30 to 150	WP Base Neutrals	PT-BN-WP
Accreditation	1,3-Dichlorobenzene <sup>2</sup>	30 to 150	WP Base Neutrals	PT-BN-WP
Accreditation	1,4-Dichlorobenzene <sup>2</sup>	30 to 150	WP Base Neutrals	PT-BN-WP
Accreditation	2-Methylnaphthalene	30 to 190	WP Base Neutrals	PT-BN-WP
	<b>Acids</b>	µg/L		
Accreditation	2-Methylphenol (o-Cresol)	50 to 200	WP Acids	PT-ACIDS-WP
Accreditation	4-Methylphenol (p-Cresol) <sup>3</sup>	50 to 200	WP Acids	PT-ACIDS-WP

Effective June 1, 2005, these WP analytes are required for all NELAC labs if they are on your scope of accreditation.

Wibby Environmental has added all of the new NELAC WP accreditation analytes into the existing WP PT Standards listed here.

**NELAC Fields of Proficiency Testing**  
**WP - Experimental Analytes**  
**Effective 06/01/05**

NELAC Table	Analyte	Conc Range	Wibby PT Standard	
			Description	Cat #
	<b>Misc. Analytes</b>	mg/L		
Experimental	Acidity, as CaCO <sub>3</sub>	650 to 1800	WP Acidity	PT-ACD-WP
Experimental	Bromide	1.0 to 10	WP Minerals	PT-MIN-WP
Experimental	Color	10 to 75 PC units	WP Color	PT-COL-WP
Experimental	Settleable solids	5.0 to 100 mL/L	WP Settleable Solids	PT-SSOL-WP
Experimental	Volatile solids	100 to 500	WP Volatile Solids	PT-VSOL-WP
Experimental	Silica as SiO <sub>2</sub>	50 to 250	WP Silica	PT-SIO2-WP
Experimental	Total Organic Halides (TOX)	300 to 1500 µg/L	WP TOX	PT-TOX-WP
Experimental	Turbidity	1.0 to 20 NTU	WP Turbidity	PT-TURB-WP
	<b>Pesticides</b>	µg/L		
Experimental	Azinphos-methyl (Guthion)	3.6 to 13.8	WP Pesticides	PT-NPP-WP
Experimental	Diazinon	2.0 to 15	WP Pesticides	PT-NPP-WP
Experimental	Endrin ketone	2.0 to 10	WP Pesticides	PT-EK-WP
Experimental	Malathion	2.0 to 20	WP Pesticides	PT-NPP-WP
Experimental	Parathion, ethyl	3.0 to 20	WP Pesticides	PT-NPP-WP
	<b>Herbicides</b>	µg/L		
Experimental	Disulfoton	2.0 to 15	WP Herbicides	PT-HERB-WP
	<b>Volatile Halocarbons</b>	µg/L		
Experimental	1,1-Dichloroethane	15 to 150	WP Volatiles	PT-VOA-WP
Experimental	cis-1,2-Dichloroethylene	15 to 150	WP Volatiles	PT-VOA-WP
Experimental	cis-1,3-Dichloropropene	15 to 100	WP Volatiles	PT-VOA-WP
Experimental	2-Hexanone	20 to 150	WP Volatiles	PT-VOA-WP
Experimental	Methyl tert-butyl ether (MTBE)	15 to 100	WP Volatiles	PT-VOA-WP
	<b>Acids</b>	µg/L		
Experimental	2,6-Dichlorophenol	40 to 190	WP Acids	PT-ACIDS-WP
	<b>Petroleum Hydrocarbons</b>	µg/L		
Experimental	Diesel range organics (DRO)	500 to 4000	WP Gasoline in Water	PT-GAS-WP
Experimental	Gasoline range organics (GRO)	200 to 4000	WP Diesel in Water	PT-DIES-WP

Effective June 1, 2005, these Experimental analytes are required for all NELAC labs if they are on your scope of accreditation.

Experimental analytes must be run but your result ("Acceptable" or "Not Acceptable") will not have a direct effect on your accreditation.

The new NELAC experimental analytes can be found in the Wibby Environmental WP PT Standards listed here.

**NELAC Fields of Proficiency Testing**  
**WP - Experimental Analytes**  
**Effective 06/01/05**

NELAC Table	Analyte	Conc Range	Wibby PT Standard	
			Description	Cat #
	<b>PAHs by HPLC</b>	$\mu\text{g/L}$		
Experimental	Acenaphthene	2.0 to 10	WP PAHs	PT-PAH-WP
Experimental	Acenaphthylene	2.0 to 10	WP PAHs	PT-PAH-WP
Experimental	Anthracene	0.5 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Benzo(a)anthracene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Benzo(a)pyrene	0.5 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Benzo(b)fluoranthene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Benzo(g,h,i)perylene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Benzo(k)fluoranthene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Chrysene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Dibenz(a,h)anthracene	0.5 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Fluoranthene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Fluorene	2.0 to 10	WP PAHs	PT-PAH-WP
Experimental	Indeno(1,2,3-cd)pyrene	0.5 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Naphthalene	2.0 to 10	WP PAHs	PT-PAH-WP
Experimental	Phenanthrene	0.3 to 2.0	WP PAHs	PT-PAH-WP
Experimental	Pyrene	0.3 to 2.0	WP PAHs	PT-PAH-WP
	<b>Nitroaromatics and Nitrosamines by HPLC</b>	$\mu\text{g/L}$		
Experimental	4-Amino-2,6-dinitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	2-Amino-4,6-dinitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	1,3-Dinitrobenzene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	2,4-Dinitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	2,6-Dinitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	HMX	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	Nitrobenzene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	2-Nitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	3-Nitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	4-Nitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	RDX	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	Tetryl	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	1,3,5-Trinitrobenzene	1.0 to 20	WP Explosives	PT-EXP-WP
Experimental	2,4,6-Trinitrotoluene	1.0 to 20	WP Explosives	PT-EXP-WP

Effective June 1, 2005, these Experimental analytes are required for all NELAC labs if they are on your scope of accreditation.

Experimental analytes must be run but your result ("Acceptable" or "Not Acceptable") will not have a direct effect on your accreditation.

The new NELAC WP experimental analytes can be found in the Wibby Environmental WP PT Standards listed here.

## WP NELAC Experimental PT Standards

**To Place Your Order Complete the Following 6 Steps.**

**1. Complete the Ship to and Bill to Information.**

**SHIP TO**

Organization: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 FAX: \_\_\_\_\_  
 Email: \_\_\_\_\_

**BILL TO (if same as Ship to check here )**

Organization: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 FAX: \_\_\_\_\_  
 Email: \_\_\_\_\_

**2. Indicate the type and number of standards you need.**

WP NELAC Experimental Standards					QC Standards				Total for PT and QC Stds
Standard	Catalog #	Price Each	Qty.	Extended Price	Cat #	Price Each	Qty	Extended Price	
WP Settleable Solids	PT-SSOL-WP	\$52			QC-SSOL-WP	\$47			
WP Volatile Solids	PT-VSOL-WP	\$54			QC-VSOL-WP	\$49			
WP Acidity	PT-ACD-WP	\$48			QC-ACD-WP	\$43			
WP Turbidity	PT-TURB-WP	\$52			QC-TURB-WP	\$47			
WP Silica	PT-SIO2-WP	\$44			QC-SIO2-WP	\$40			
WP TOX	PT-TOX-WP	\$58			QC-TOX-WP	\$52			
WP Color	PT-COL-WP	\$72			QC-COL-WP	\$65			
WP PAHs (HPLC)	PT-PAH-WP	\$65			QC-PAH-WP	\$58			
WP Explosives	PT-EXP-WP	\$65			QC-EXP-WP	\$58			
WP NPPs	PT-NPP-WP	\$75			QC-NPP-WP	\$65			
WP Endrin Ketone	PT-EK-WP	\$55			QC-EK-WP	\$50			
WP Gasoline	PT-GAS-WP	\$89			QC-GAS-WP	\$80			
WP Diesel	PT-DIES-WP	\$89			QC-DIES-WP	\$80			

SUBTOTAL

**3. Total your order** (minus S&H which will be prepaid and added to invoice)

**Total**

**4. Choose your Study**

June       July       August       September  
 October       November       December

**5. Complete your payment information.** You will only be billed when the standards are shipped.

PO # \_\_\_\_\_ Or charge our:  Visa       MasterCard       American Express  
 Credit Card# \_\_\_\_\_ Exp Date \_\_\_\_\_  
 Name on Card \_\_\_\_\_ Signature \_\_\_\_\_

**6. FAX your order to Wibby Environmental at 303-940-0043 or email it to [sales@wibby.com](mailto:sales@wibby.com).**

All other NELAC experimental analytes are included in our regular WP PT standards.  
**Questions? Call 303-940-0033**