Experimental NELAC PT										
Fields of Proficiency Testing with PTRLs										
Non-Potable Water (NPW)										
Effective July 1, 2007										
Martic	504									
Matrix	EPA	NELAC	Analyte	Conc Range	Acceptance Criteria					
	Analyte	Analyte				h		d		
	Code	Code			a	d	C	ŭ		
			Misc Analytes	mg/l					ma/l	
NPW		1500	Acidity as CaCO3	650 to 1800	0 9782	6 7633	0.0188	14 2368	560	
NPW		1540	Bromide	1 0 to 10	0.0702	+15% fixed a	cceptance limit	14.2000	0.85	
NPW		1605	Color	10 to 75 PC units	±1	0 PC units fixe	d acceptance II	imit	9.0	
NPW		1965	Settleable solids	5.0 to 100 mL/L	1.0490	-0.3874	0.0718	0.3160	2.8	
NPW		1970	Volatile solids	100 to 500	0.9730	-1.6458	0.0109	11.9327	56	
NPW		1990	Silica as SiO2	50 to 250		±25% fixed ad	cceptance limit		37	
NPW		2045	Total Organic Halides (TOX)	300 to 1500 µg/L	0.9597	9.3217	0.0417	21.1383	190	
NPW		2055	Turbidity	1.0 to 20 NTU	0.9823	0.0574	0.0373	0.0992	0.63	
			Pesticides ¹	µg/L					µg/L	
NPW		7075	Azinphos-methyl (Guthion)	3.6 to 13.8	0.9225	-0.0223	0.2210	0.4865	0.36	
NPW		7410	Diazinon	2.0 to 15	0.9026	0.2226	0.1796	0.0510	0.80	
NPW		7535	Endrin ketone	2.0 to 10		±45% fixed ad	cceptance limit		1.1	
NPW		7770	Malathion	2.0 to 20	0.9098	-0.1150	0.2117	0.1720	0.20	
NPW		7955	Parathion, ethyl	3.0 to 20		1.6				
			Herbicides ¹	μg/L					µg/L	
NPW		8625	Disulfoton	2.0 to 15	0.8954	0.0165	0.2437	0.0036	0.33	
			Volatile Halocarbons ¹	µg/L					µg/L	
NPW		4630	1,1-Dichloroethane	15 to 150	1.0369	-0.5201	0.1127	0.0775	9.7	
NPW		4645	cis-1,2-Dichloroethylene	15 to 150	1.0377	-0.6523	0.0949	0.3468	9.6	
NPW		4680	cis-1,3-Dichloropropene	15 to 100	±30% fixed acceptance limit				10	
NPW		4860	2-Hexanone	20 to 150	1.0025	-1.6888	0.1558	0.3446	8.0	
NPW		5000	Methyl tert-butyl ether (MTBE)	15 to 100	1.0121	0.4001	0.1183	0.6608	8.2	
			1							
			Acids'	µg/L					µg/L	
NPW		6005	2,6-Dichlorophenol	40 to 190	0.7853	1.0464	0.1383	1.5069	11	
			Defector and the sector of the	D						
			Petroleum Hydrocarbons	µg/L					µg/L	
NPW		9369	Diesel range organics (DRO)'	500 to 4000	0.7700	-8.2807	0.1644	32.2339	50	
NPW		9408	Gasoline range organics (GRO)°	200 to 4000	1.0682	21.3958	0.2285	2.4231	90	
					1					

Fields of Proficiency Testing with PTRLs Non-Potable Water (NPW) Effective July 1, 2007 Matrix EPA NELAC Analyte ¹ Conc Range Acceptance Criteria ^{2,3,4,5} NELAC PTR(⁶ Analyte Analyte ¹ Conc Range Acceptance Criteria ^{2,3,4,5} NELAC PTR(⁶ Matrix EPA NELAC Analyte ¹ Conc Range Acceptance Criteria ^{2,3,4,5} NELAC PTR(⁶ Analyte Analyte ¹ Conc Range Acceptance Criteria ^{2,3,4,5} NELAC PTR(⁶ MW 5560 Aconapithiene 2,0 to 10 0.8469 -0.0382 0.1018 0.2302 0.26 NPW 5565 Aconapithiene 0.3 to 2.0 0.8512 0.0148 0.1714 0.0116 0.138 0.0114 0.1714 0.0116 0.138 0.0114 0.1714 0.0266 0.0001 1.12 NPW 5856 Branck(alphyrate 0.31 to 2.0 0.9777 0.0271 0.0285 0.0273 0.116 NPW 5859 Branck(alphyrate 0.31 to 2.0	Experimental NELAC PT										
Non-Potable Water (NPW) Effective July 1, 2007 Matrix EPA Analyte NELAC Analyte Analyte Conc Range Acceptance Criteria ^{2,3,4,5} NELAC PTR. ⁶ Code Code Code a b c d NPW S500 Aceraphthere 2.0 to 10 0.8607 -0.0008 0.0631 0.3302 µgL NPW S500 Aceraphthylene 2.0 to 10 0.8607 -0.0008 0.0631 0.3302 0.027 NPW S500 Aceraphthylene 2.0 to 10 0.8607 -0.0008 0.0631 0.3302 0.0115 0.113 NPW S555 Benzo(a)phromethere 0.3 to 2.0 0.8522 0.0273 0.6443 0.0405 0.111 NPW S568 Benzo(a)phromethere 0.3 to 2.0 0.8522 0.0273 0.0543 0.0405 0.116 NPW S688 Benzo(a)phromethere 0.3 to 2.0 0.8521 0.1026 0.113 NPW S680 Benzo(a)phromethere 0.3 to 2.0	Fields of Proficiency Testing with PTRLs										
Effective July 1, 2007 Matrix EPA NELAC Analyte Analyte Analyte Analyte Analyte Analyte Analyte NELAC PTRL [®] Code Code Code Code 0 a b c d pgl. NPW 6500 Acenaphthylene 2.0 to 10 0.8607 -0.0908 0.0631 0.3302 0.276 NPW 5555 Anthracene 0.5 to 2.0 0.08151 0.0134 0.0115 0.13 NPW 5555 Encode/apytere 0.5 to 2.0 0.0756 0.1048 0.0966 0.0600 0.11 NPW 5556 Berzod/Bytrene 0.3 to 2.0 0.7717 0.0825 0.1246 0.0936 0.0600 0.11 NPW 5560 Berzod/Bytrene 0.3 to 2.0 0.7717 0.0825 0.1246 0.0039 0.011 0.12 NPW 5600 Berzod/Bytrenthere 0.3 to 2.0 0.0918 0.0114 0.0113 0.0022 0.10	Non-Potable Water (NPW)										
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Matrix EPA NELAC Analyte' Conc Range Acceptance Criteria ^{23,4,5} NELAC PTRL ⁶ Code Code Code Code a b c d NPW 5500 Acenaphthylene µg/L a b c d NPW 5500 Acenaphthylene 2.0 to 10 0.8607 -0.0908 0.0631 0.3302 0.26 NPW 5505 Acenaphthylene 2.0 to 10 0.8469 -0.0392 0.1019 0.0699 0.77 NPW 5555 Benzo(a)phtrene 0.3 to 2.0 0.85151 0.0144 0.1714 0.0115 0.13 NPW 5558 Benzo(a)thuaranthene 0.3 to 2.0 0.8521 0.0273 0.0643 0.04056 0.111 NPW 5580 Benzo(a)thuaranthene 0.3 to 2.0 0.8693 0.0322 0.165 0.011 0.12 NPW 5585 Benzo(a)thuaranthene 0.3 to 2.0 0.8918 0.0043 0.0225 0.103											
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Code Code Code Low Level PAHs ¹ µg/L NPW 5500 Acenaphthene 2.0 to 10 0.8469 -0.0398 0.0631 0.3302 0.26 NPW 5555 Antracene 0.0 to 10 0.8469 -0.0392 0.0199 0.0699 0.77 NPW 5555 Antracene 0.5 to 2.0 0.8151 0.0194 0.0743 0.0405 0.111 NPW 5585 Benzo(ghnhyene 0.5 to 2.0 0.7556 0.1048 0.09543 0.0405 0.111 NPW 5580 Benzo(ghnhyene 0.3 to 2.0 0.7556 0.1048 0.0963 0.171 NPW 5690 Benzo(ghnhyene 0.3 to 2.0 0.8051 0.0322 0.1605 0.0011 0.12 NPW 5690 Benzo(ghnhyene 0.3 to 2.0 0.8911 0.0144 0.1133 0.0021 0.0885 0.0273 0.10 NPW 5690 Benzo(ghnhyene 0.5 to 2.0 0.714 0.04040 0.1377 0.0520 <td></td> <td>Analyte</td> <td>Analyte</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		Analyte	Analyte								
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NPW 5505 Accemptinyere 2.0 to 10 0.8489 -0.0392 0.1019 0.0899 0.77 NPW 5575 Benzca)pyrene 0.5 to 2.0 0.8522 0.0273 0.0543 0.0405 0.11 NPW 5586 Benzca)pyrene 0.5 to 2.0 0.7555 0.1048 0.0995 0.766 0.1048 0.0995 0.0610 0.16 NPW 5585 Benzo(h)pyrene 0.3 to 2.0 0.7717 0.0825 0.1286 0.0093 0.17 NPW 5585 Benzo(h)perviene 0.3 to 2.0 0.8841 -0.0021 0.0895 0.0273 0.10 NPW 5685 Dibenz(a, h)anthracene 0.3 to 2.0 0.8841 -0.0021 0.0895 0.0273 0.10 NPW 5685 Dibenz(a, h)anthracene 0.3 to 2.0 0.714 0.0640 0.1377 0.0520 0.10 NPW 6265 Fluoranthene 0.3 to 2.0 0.838 0.0038 0.0673 0.0225 0.27 NPW <t< td=""><td>NPW</td><td></td><td>5500</td><td>Acenaphthene</td><td>2.0 to 10</td><td>0.8607</td><td>-0.0908</td><td>0.0631</td><td>0.3302</td><td>0.26</td></t<>	NPW		5500	Acenaphthene	2.0 to 10	0.8607	-0.0908	0.0631	0.3302	0.26	
NPW 5555 Antmacene 0.3 to 2.0 0.8151 0.0194 0.1714 0.0115 0.13 NPW 5575 Benzo(a)pyrene 0.3 to 2.0 0.7556 0.1048 0.0956 0.0600 0.11 NPW 5585 Benzo(b)ruoranthene 0.3 to 2.0 0.7757 0.0625 0.1286 0.0093 0.177 NPW 5585 Benzo(b)ruoranthene 0.3 to 2.0 0.7717 0.0625 0.1286 0.0093 0.177 NPW 5580 Benzo(k)ruoranthene 0.3 to 2.0 0.7814 0.0114 0.1133 0.0081 0.16 NPW 5685 Chrysene 0.3 to 2.0 0.7914 0.0144 0.1133 0.0081 0.16 NPW 6265 Fluoranthene 0.3 to 2.0 0.7914 0.0143 0.1037 0.0225 0.12 NPW 6267 Fluoranthene 0.3 to 2.0 0.8150 0.0421 0.1293 0.0108 0.252 NPW 6315 Indenof1,2.3-odpyrene 0.3 to 2.0	NPW		5505	Acenaphthylene	2.0 to 10	0.8469	-0.0392	0.1019	0.0899	0.77	
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NPW 5360 Defizional prene 0.3 to 2.0 0.7717 0.0825 0.1286 0.0000 0.110 NPW 5590 Benzo(g,h,i)perylene 0.3 to 2.0 0.8053 0.0322 0.1605 0.0011 0.122 NPW 5590 Benzo(g,h,i)perylene 0.3 to 2.0 0.8053 0.0322 0.1605 0.0011 0.12 NPW 5690 Benzo(g,h,i)perylene 0.3 to 2.0 0.8841 -0.0021 0.0395 0.0273 0.10 NPW 5895 Dibenz(a,h)anthracene 0.3 to 2.0 0.9181 0.0114 0.1133 0.0081 0.16 NPW 6205 Fluoranthene 0.3 to 2.0 0.7914 0.0640 0.1377 0.0220 0.10 NPW 6205 Fluorene 2.0 to 10 0.7919 0.0758 0.1063 0.1035 0.711 NPW 6315 Indenc(1,2,3-cd)pyrene 0.3 to 2.0 0.8150 0.0421 0.1293 0.0018 0.252 0.273 NPW 6605 Pyrene			5575	Benzo(a)antinacene	0.3 10 2.0	0.0522	0.0273	0.0543	0.0405	0.11	
NPW 5500 Benzo(gh.)perylene 0.3 to 2.0 0.8733 0.0322 0.1605 0.00321 0.1605 0.0031 0.111 NPW 5600 Benzo(k)fluoranthene 0.3 to 2.0 0.8841 -0.0021 0.0895 0.0273 0.10 NPW 5685 Dibenz(a,h)anthracene 0.3 to 2.0 0.8841 -0.0021 0.0895 0.0273 0.10 NPW 5685 Dibenz(a,h)anthracene 0.3 to 2.0 0.7914 0.0640 0.1377 0.0520 0.101 NPW 6265 Fluoranthene 0.3 to 2.0 0.8938 0.0038 0.0873 0.0225 0.12 NPW 6270 Fluoranthene 2.0 to 10 0.7919 0.0758 0.1654 0.0745 0.2825 0.222 0.14 NPW 6615 Phrene 0.3 to 2.0 0.8757 0.0222 0.0018 0.2825 0.222 0.14 NPW 6665 Pyrene 0.3 to 2.0 0.8757 0.0222 0.0809 0.0252 0.13 <td></td> <td></td> <td>5585</td> <td>Benzo(b)fluoranthono</td> <td>0.3 to 2.0</td> <td>0.7550</td> <td>0.1046</td> <td>0.0950</td> <td>0.0000</td> <td>0.10</td>			5585	Benzo(b)fluoranthono	0.3 to 2.0	0.7550	0.1046	0.0950	0.0000	0.10	
In M 0300 Benzolg(n)polymetric 0.3 to 2.0 0.8841 -0.0021 0.0801 0.10 NPW 5885 Chrysene 0.3 to 2.0 0.8841 -0.0021 0.0895 0.0023 0.10 NPW 5885 Dibenz(gh)anthracene 0.5 to 2.0 0.7914 0.014 0.1133 0.0025 0.12 NPW 6265 Fluoranthene 0.3 to 2.0 0.7914 0.0630 0.0225 0.12 NPW 6270 Fluorene 2.0 to 10 0.7919 0.0758 0.1063 0.1035 0.711 NPW 6315 Indeno(1,2,3-cd)pyrene 0.5 to 2.0 0.8210 0.0421 0.1283 0.0018 0.25 NPW 6615 Phenanthrene 0.3 to 2.0 0.8150 0.0542 0.0985 0.0232 0.14 NPW 6665 Pyrene 0.3 to 2.0 0.8150 0.0222 0.0309 0.0252 0.13 NPW 6665 Pyrene 0.3 to 2.0 0.8750 0.0222 0.0309 <td></td> <td></td> <td>5590</td> <td>Benzo(a h i)pen/lene</td> <td>0.3 to 2.0</td> <td>0.7717</td> <td>0.0023</td> <td>0.1200</td> <td>0.0093</td> <td>0.17</td>			5590	Benzo(a h i)pen/lene	0.3 to 2.0	0.7717	0.0023	0.1200	0.0093	0.17	
NPW 5855 Chrysene 0.3 to 2.0 0.9911 0.0021	NPW		5600	Benzo(k)fluoranthene	0.3 to 2.0	0.8841	-0.0021	0.1005	0.0011	0.12	
Intr Doco Distance Distance <thdistance< th=""> <thdistance< th=""> <thdistan< td=""><td>NPW</td><td></td><td>5855</td><td>Chrysene</td><td>0.3 to 2.0</td><td>0.0041</td><td>0.0021</td><td>0.0000</td><td>0.0270</td><td>0.16</td></thdistan<></thdistance<></thdistance<>	NPW		5855	Chrysene	0.3 to 2.0	0.0041	0.0021	0.0000	0.0270	0.16	
NPW 6265 Fluoranthene 0.3 to 2.0 0.8938 0.0038 0.0873 0.0225 0.12 NPW 6270 Fluorene 2.0 to 10 0.7919 0.0758 0.1063 0.1235 0.71 NPW 6315 Indeno(1,2,3-cd)pyrene 0.5 to 2.0 0.8210 0.0421 0.1233 0.0018 0.25 NPW 5005 Naphthalene 2.0 to 10 0.6998 0.1654 0.0745 0.2825 0.27 NPW 6615 Phenanthrene 0.3 to 2.0 0.8150 0.0542 0.0985 0.0232 0.14 NPW 6665 Pyrene 0.3 to 2.0 0.8757 0.0222 0.0809 0.0252 0.13 Low Level Nitroaromatic and Nitroamines ¹ µg/L µg/L µg/L µg/L NPW 9306 4-Amino-2,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6160 1,3-Dinitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW	NPW		5895	Dibenz(a h)anthracene	0.5 to 2.0	0 7914	0.0640	0.1377	0.0520	0.10	
NPW 6270 Fluorene 2.0 to 10 0.7919 0.0758 0.1063 0.1035 0.71 NPW 6315 Indeno(1,2,3-cd)pyrene 0.5 to 2.0 0.8210 0.0421 0.1293 0.0018 0.25 NPW 5005 Naphthalene 2.0 to 10 0.6998 0.1654 0.0745 0.2825 0.27 NPW 6615 Phenanthrene 0.3 to 2.0 0.8150 0.0542 0.0985 0.0232 0.14 NPW 6665 Pyrene 0.3 to 2.0 0.8757 0.0222 0.0809 0.0252 0.13 Low Level Nitroaromatic and Nitroamines ¹ µg/L µg/L NPW 9306 4-Amino-2,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9303 2-Amino-4,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6180 2,6-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 5015 Nitrobuzne 1.0 to 20	NPW		6265	Fluoranthene	0.3 to 2.0	0.8938	0.0038	0.0873	0.0225	0.12	
NPW 6315 Indeno(1,2,3-cd)pyrene 0.5 to 2.0 0.8210 0.0421 0.1293 0.0018 0.25 NPW 5005 Naphthalene 2.0 to 10 0.6998 0.1654 0.0745 0.2825 0.27 NPW 6615 Phenanthrene 0.3 to 2.0 0.8150 0.0542 0.0985 0.0232 0.14 NPW 6666 Pyrene 0.3 to 2.0 0.8757 0.0222 0.0809 0.0252 0.13 NPW 9306 4-Amino-2,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9303 2-Amino-4,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6165 1,3-Dinitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6169 2,6-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6160 1,3-5,7-tetranitro-1,3,5,7-tetrazocine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 5015 Nitrobenzene <td< td=""><td>NPW</td><td></td><td>6270</td><td>Fluorene</td><td>2.0 to 10</td><td>0.7919</td><td>0.0758</td><td>0.1063</td><td>0.1035</td><td>0.71</td></td<>	NPW		6270	Fluorene	2.0 to 10	0.7919	0.0758	0.1063	0.1035	0.71	
NPW 5005 Naphthalene 2.0 to 10 0.6998 0.1654 0.0745 0.2825 0.27 NPW 6615 Phenanthrene 0.3 to 2.0 0.8150 0.0542 0.0985 0.0232 0.14 NPW 6665 Pyrene 0.3 to 2.0 0.8150 0.0222 0.0809 0.0252 0.13 Low Level Nitroaromatic and Nitroamines ¹ µg/L µg/L µg/L µg/L NPW 9306 4-Amino-2,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9303 2-Amino-4,6-dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6160 1,3-Dinitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6180 2,4-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6190 2,6-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9507 2-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 <tr< td=""><td>NPW</td><td></td><td>6315</td><td>Indeno(1,2,3-cd)pyrene</td><td>0.5 to 2.0</td><td>0.8210</td><td>0.0421</td><td>0.1293</td><td>0.0018</td><td>0.25</td></tr<>	NPW		6315	Indeno(1,2,3-cd)pyrene	0.5 to 2.0	0.8210	0.0421	0.1293	0.0018	0.25	
NPW 6615 Phenanthrene 0.3 to 2.0 0.8150 0.0542 0.0985 0.0232 0.14 NPW 6665 Pyrene 0.3 to 2.0 0.8757 0.0222 0.0809 0.0252 0.13 Image: the state of	NPW		5005	Naphthalene	2.0 to 10	0.6998	0.1654	0.0745	0.2825	0.27	
NPW 6665 Pyrene 0.3 to 2.0 0.8757 0.0222 0.0809 0.0252 0.13 Low Level Nitroaromatic and Nitroamines ¹ µg/L	NPW		6615	Phenanthrene	0.3 to 2.0	0.8150	0.0542	0.0985	0.0232	0.14	
Low Level Nitroaromatic and Nitroamines1µg/Lµg/LNPW93064-Amino-2,6-dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW93032-Amino-4,6-dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW61601,3-Dinitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW61852,4-Dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW61902,6-Dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW9502HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)1.0 to 20±45% fixed acceptance limit0.55NPW95072-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95103-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95134-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95133-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95134-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW9432RDX (hexahydro-1,3,5-triazine)1.0 to 20±45% fixed acceptance limit0.55NPW6415Tetryl (methyl-2,4,6-trinitro-1,3,5-triazine)1.0 to 20±45% fixed acceptance limit0.55NPW96512,4,6-Trinitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW96512,4,6-Trinitrobenzene1.0 to 20±45% fi	NPW		6665	Pyrene	0.3 to 2.0	0.8757	0.0222	0.0809	0.0252	0.13	
Low Level Nitroaromatic and Nitroamines¹µg/Lµg/Lµg/LNPW93064-Amino-2,6-dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW93032-Amino-4,6-dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW61601,3-Dinitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW61852,4-Dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW61902,6-Dinitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW9522HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)1.0 to 20±45% fixed acceptance limit0.55NPW95072-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW951033-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95134-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95134-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95134-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW9432RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)1.0 to 20±45% fixed acceptance limit0.55NPW96312,4,6-trinitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW96512,4,6-trinitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW6415Tetryl (methyl-2,4,6-trinitrohenzene1.0											
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NPW 6160 1,3-Dinitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6185 2,4-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6190 2,6-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9522 HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 5015 Nitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 5015 Nitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9507 2-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9510 3-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9513 4-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9432 RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6415 Tetryl (methyl-2,4,6-	NPW		9303	2-Amino-4,6-dinitrotoluene	1.0 to 20	±45% fixed acceptance limit				0.55	
NPW 6185 2,4-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6190 2,6-Dinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9522 HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 5015 Nitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9507 2-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9510 3-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9511 3-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9513 4-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9432 RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6415 Tetryl (methyl-2,4,6-trinitrophenylnitramine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6885	NPW		6160	1,3-Dinitrobenzene	1.0 to 20	±45% fixed acceptance limit				0.55	
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NPW9522HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)1.0 to 20±45% fixed acceptance limit0.55NPW5015Nitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW95072-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95103-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW95134-Nitrotoluene1.0 to 20±45% fixed acceptance limit0.55NPW9432RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)1.0 to 20±45% fixed acceptance limit0.55NPW6415Tetryl (methyl-2,4,6-trinitrophenylnitramine)1.0 to 20±45% fixed acceptance limit0.55NPW68851,3,5-Trinitrobenzene1.0 to 20±45% fixed acceptance limit0.55NPW96512,4,6-Trinitrotoluene1.0 to 20±45% fixed acceptance limit0.55	NPW		6190	2,6-Dinitrotoluene	1.0 to 20	±45% fixed acceptance limit				0.55	
NPW 5015 Nitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9507 2-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9510 3-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9513 4-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9513 4-Nitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9432 RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6415 Tetryl (methyl-2,4,6-trinitrophenylnitramine) 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 6885 1,3,5-Trinitrobenzene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9651 2,4,6-Trinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9651 2,4,6-Trinitrotoluene 1.0 to 20 ±45% fixed acceptance limit 0.55 NPW 9651 2,4,6-Trinitrotolue	NPW		9522	HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)	1.0 to 20	±45% fixed acceptance limit				0.55	
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INF VV 3001 2,4,0*11111000000106 1.010.20 ±45 % inactor acceptance infinit 0.55			0651		1.0 to 20		0.55				
			9001		1.0 10 20	+				0.00	
		1									

			Expe	rimental NELAC P	Г					
Fields of Proficiency Testing with PTRLs										
Non-Potable Water (NPW)										
Effective July 1, 2007										
Matrix	EPA	NELAC	Analyte ¹	Conc Range	Acceptance Criteria ^{2,3,4,5} NELA					
	Analyte	Analyte								
0.5	Code	Code			а	b	С	d		
1) For vola	itiles, pesti	cides, acids, h	erbicides, PAHs and Nitroaromatics/Nitramines	standards, providers must i	nclude					
a minimun	n number c	of analytes usir	ng the same criteria described in Chapter 2, App	bendix B, Section B.1.2.						
2) The acc	ontanco ci	ritoria found in	the EBA's National Standards for Water Proficie	oncy Tosting Studios are inc	orporated boroi	hy reference	Accontanco			
criteria for	FOTe not	included in the	National Standards are presented in this table	Acceptance limits are set a	$\frac{1}{10000000000000000000000000000000000$	SD	Acceptance			
(Mean = a)	*T + b' SD	$= c^{T} + d whe$	re T is the assigned value)							
(mouri – a	1 1 0, 00									
3) If the lo	wer accept	ance limit gen	erated using the criteria contained in this table is	s less than (<) 10% of the as	ssigned value. th	e lower accept	ance limits are s	et		
at 10% of	the assigned	ed value with th	he exception of microbiology analytes.	(,	j i i i i i i i i i i i i i i i i i i i					
	Ŭ									
4) If the lo	wer accept	ance limit gen	erated using the criteria contained in this table is	s greater than 90% of the as	signed value, th	e lower accept	ance limits are se	et		
at 90% of	the assigne	ed value with th	he exception of microbiology analytes.							
5) If the up	per accep	tance limit gen	erated using the criteria contained in this table i	is less than 110% of the ass	igned value, the	upper accepta	nce limits are se	t		
at 110% o	f the assig	ned value with	the exception of microbiology analytes.							
6) NELAC	Proficienc	y Testing Repo	orting Limits (PTRLs) are provided as guidance	to laboratories analyzing NE	LAC PT sample	s. These level	s are the lowest			
acceptable	e results th	at could be ob	tained from the lowest spike level for each analy	yte. The laboratory should r	eport any positiv	re result down t	o the PTRL.			
It is recogn	nized that i	n some cases	(especially for analytes that typically exhibit low	recovery) the PIRL may be	below the stan	dard laboratory	reporting			
limit. How	ever, the la	aboratory shou	Id use a method that is sensitive enough to gen	erate results at the PIRL sr	NELAC P	IRLs are also	provided as			
guidance t		ders. At a min	nimum for all analytes with an assigned value ed	qual to 0, the PT Provider s	should verify that	t the sample do	es not contain			
the analyte	at a conc	entration great	ter than of equal to the PTRL.							
7) Diesel F	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	anics (DRO) n	er solvent extraction followed by chromatograph	nic analysis DRO is defined	l as the carbon r	ange between	C. and C			
			er solvent extraction followed by chiomatograph			ange between	G ₀ and C ₂₈ .			
8) Gasolin	e Range C	ragnics (CPO)) per purge-and-trap extraction followed by chro	matographic analysis CPC) is defined as th	e carbon range				
between C and C										
Derweell	v_5 and O_{10} .									