



Director's Rule

Title Water Quality Laboratory Analysis Charges

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Responsibility Finance Division

General Manager/CEO signature

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A. PURPOSE

To set fees for Water Quality Laboratory services provided by Seattle Public Utilities. These fees apply to laboratory services performed for other water districts, wholesale customers (outside of contract), and others as determined by the Water Quality Laboratory Manager.

B. RULE

All laboratory analyses will be conducted at the discretion of the Water Quality Laboratory Manager and based on time availability. The prices listed below reflect the cost for a routine analysis with standard reporting and turnaround times. The price for investigative analyses will be based on time and materials as determined by the Water Quality Laboratory Manager.

C. BACTERIOLOGICAL ANALYSES

Aeromonas	\$ ((33)) <u>37</u>
Biolog	\$ ((214)) <u>231</u>
Total Coliform (MF)	\$ ((33)) <u>37</u>
Total Coliform (MPN).....	\$ ((29)) <u>33</u>
Total Coliform/E. Coli (MMO/MUG; P/A)	\$ ((21)) <u>24</u>
Coliform Verification; including Fecal Coliform/E. Coli (EC/MUG) *	\$ ((44)) <u>48</u>
Fecal Coliform (MF).....	\$ ((35)) <u>40</u>
Fecal Strep (Enterococcus).....	\$ ((41)) <u>52</u>
Heterotrophic Plate Count (HPC)	\$ ((38)) <u>42</u>
Heterotrophic Plate Count (HPC) – R2A	\$ ((42)) <u>46</u>
Sample prep for non-drinking water (filter/dilutions).....	\$ ((29)) <u>32</u>

*This test is performed on drinking water samples that test positive for Total Coliform by the membrane filtration method. It is used to verify the presence of Total Coliform and simultaneously test for Fecal Coliform and E. Coli.

D. CHEMICAL ANALYSES**Metals/Inorganics**

Digestion for non-drinking water samples	\$ ((29)) <u>35</u>
ICPMS (per element).....	\$ ((29)) <u>40</u>
10 or more elements	\$ ((290)) <u>400</u>
ICPMS Mercury	\$ ((67)) <u>109</u>
Metals Filtration	\$ ((27)) <u>33</u>

Titration

Total Alkalinity	\$ ((38)) <u>40</u>
Alkalinity Phenolphthalein	\$ ((38)) <u>40</u>
Calcium or Hardness, EDTA	\$ ((30)) <u>33</u>

Organics

DBP Formation/Simulate Distribution System (Prep only)	\$ ((111)) <u>134</u>
Haloacetic Acids (HAAs)	\$ ((229)) <u>303</u>
Dissolved Organic Carbon (DOC)	\$ ((58)) <u>92</u>
Total Organic Carbon (TOC)	\$ ((42)) <u>56</u>
Total Trihalomethanes (THMs).....	\$ ((105)) <u>187</u>
Volatiles (VOC).....	\$ ((358)) <u>492</u>

Nutrients

Ammonia	\$ <u>55</u>
Nitrate-Nitrite	\$ ((43)) <u>57</u>
Nitrate	\$ ((43)) <u>57</u>
Nitrite	\$ ((43)) <u>57</u>
Total Nitrogen.....	\$ ((66)) <u>75</u>
Total Phosphorus	\$ ((66)) <u>75</u>
Silica	\$ ((35)) <u>45</u>
Ortho Phosphate	\$ ((42)) <u>57</u>

Other Chemical Analyses

Chlorine Demand	
(a) Single contact time at the requested temperature, pH, and Cl ₂ dosage.	\$ ((159)) <u>175</u>
(b) For each additional contact time, temperature, pH or Cl ₂ dosage on the same water source.	\$ ((74)) <u>81</u>
Chlorine Residual, colorimetric (field).....	\$ ((17)) <u>18</u>
Color.....	\$ ((45)) <u>17</u>
Fluoride (potentiometric)	\$ ((25)) <u>27</u>
Microscopic Exam (for investigations).....	\$ ((104)) <u>115</u>
pH (potentiometric).....	\$ ((26)) <u>29</u>
Seepage (minimum - or sum of parameters tested)	\$ ((85)) <u>93</u>
Solids, Total Suspended	\$ ((55)) <u>59</u>
Solids, Total Dissolved	\$ ((55)) <u>60</u>
Specific Conductance.....	\$ ((49)) <u>21</u>
Turbidity.....	\$ ((45)) <u>17</u>
UVA (254-545)	\$ ((24)) <u>27</u>

E. LIMNOLOGICAL ANALYSES

Photosynthetic Pigments: Chlorophyll & Pheophytin	\$176	
Algal Toxins.....	\$ ((463))	<u>197</u>
Flavor Profile Analysis (FPA) and Flavor Rating Assessment (FRA)....	\$ ((400))	<u>110</u>
Phytoplankton.....	\$ ((94))	<u>113</u>

F. OTHER CHARGES

Sample Collection (per hour charge).....	\$ ((98))	<u>122</u>
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G. AUTHORITY/REFERENCES

SMC 21.04.456, Standard, connection, and administrative charges.