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RESOLUTION NO. 2020-

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF BROWARD COUNTY, FLORIDA, PERTAINING TO THE FEE STRUCTURE FOR LABORATORY SERVICES; AMENDING SECTION 40.23 OF THE BROWARD COUNTY ADMINISTRATIVE CODE ("ADMINISTRATIVE CODE"), PROVIDING FOR AMENDED ENVIRONMENTAL PROTECTION AND GROWTH MANAGEMENT DEPARTMENT FEES; AND PROVIDING FOR SEVERABILITY, INCLUSION IN THE ADMINISTRATIVE CODE, AND AN EFFECTIVE DATE.

WHEREAS, the Environmental Protection and Growth Management Department maintains an Environmental Monitoring Laboratory certified to perform environmental sampling and analytical services;

WHEREAS, the Environmental Monitoring Laboratory is authorized to perform sampling and analytical services for other governmental and quasi-governmental agencies both within and outside Broward County, and the fee schedule for these services has been adopted in Section 40.23 of the Broward County Administrative Code ("Administrative Code"); and

WHEREAS, the Environmental Monitoring Laboratory has identified amendments to the fee schedule needed to reflect changes in its available services and to update the descriptions of certain analytical methods, NOW, THEREFORE,

BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF BROWARD COUNTY, FLORIDA:

Coding: Words in ~~struck-through~~ type are deletions from existing text. Words in underscored type are additions.

Section 1. Section 40.23 of the Broward County Administrative Code is hereby amended to read as follows:

40.23. Environmental Protection and Growth Management Department Fee Schedule.

The following fees for Chapter 27 of the Broward County Code of Ordinances and for any program(s) delegated to, contracted to, or carried out by the Environmental Protection and Growth Management Department pursuant to federal or State statute, rule, or regulation are established:

...

p. The fee schedule for environmental sampling and analytical services provided by the Environmental Monitoring Laboratory to other governmental or quasi-governmental agencies is as follows:

<i>Procedure and Method</i>	<i>Fee</i>
<i>Standard Analysis</i>	
1. Ammonia EPA 351.1	\$18.00
2. Apparent Color SM 2120B NC	10.00
<u>3. 2.</u> Biochemical Oxygen Demand SM 5210B	26.00
4. Carbonaceous Biochemical Oxygen Demand SM 5210B	26.00
5. 3. Chemical Oxygen Demand EPA 410.4	23.00
6. 4. Chloride By Titration SM4500CL-C	15.00
<u>5.</u> <u>Chloride By Spectrophometer</u>	<u>16.00</u>
7. Chloride By Titration (Solid) SW 846 9252A NC	18.00
8. Chlorine SM4500CL-F	20.00

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1	9. <u>6.</u>	Chlorophyll-A, Fluorometric SM 10200H.....	58.00 <u>18.00</u>
2	10. <u>7.</u>	Chlorophyll YSI PROBE	7.00
3	11. <u>8.</u>	Conductivity, Salinity SM 2510B/EPA 120.1	9.00
4	12.	Cyanide, Total EPA 335.3.....	68.00
5	13. <u>9.</u>	Dissolved Solids SM 2540C	17.00
6	14.	Fecal Coliform SM 9222D NC.....	25.00
7	15.	Fecal Coliform SM 9222D.....	46.00
8	16.	Flash Point EPA 1010 NC.....	22.00
9	17.	Fluoride EPA 340.2 NC.....	16.00
10	18.	Methylene Blue Active Substance SM 5540C.....	39.00
11		(Surfactants)	
12	19.	Microscopic Identification MICROSCOPY.....	67.00
13	20. <u>10.</u>	Nitrite + Nitrate EPA 353.2	16.00 <u>18.00</u>
14		(Upon request Nitrate calculation is included if	
15		Nitrite is also analyzed.)	
16	21. <u>11.</u>	Nitrite EPA 353.2.....	16.00 <u>18.00</u>
17	22.	Nitrite Manual SM4500NO2-B.....	19.00
18	23. <u>12.</u>	Nitrogen, Ammonia EPA 350.1	18.00
19	24. <u>13.</u>	O-Phosphate EPA 365.1	14.00 <u>18.00</u>
20	25.	O-Phosphate EPA 365.1LL.....	14.00
21	26.	O-Phosphate Manual SM4500P-E.....	20.00
22	27.	Oil And Grease TRPH-HEM (Solid)	
23		EPA 1664A NC	93.00
24	28.	Oil And Grease, Gravimetric EPA 1664A.....	51.00

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1	29.	Oxygen, Dissolved, Probe SM4500O-G.....	12.00
2	30. <u>14.</u>	Percent Solid SM2540G.....	17.00
3	31. <u>15.</u>	pH, Probe SM4500H+B.....	7.00
4	32.	pH (Soil) SW 846 9045D.....	9.00
5	33.	Phenol EPA 420.2.....	47.00
6	34.	Pheophytin-A, Fluorometric SM 10200H NC.....	26.00
7	35. <u>16.</u>	Secci Depth EPA 842-B-93-004.....	6.00
8	36.	Sulfate ASTM D516-02.....	17.00
9	37.	Sulfate (Solid) SW 846 9038 NC.....	19.00
10	38.	Sulfide EPA 376.1.....	40.00
11	39. <u>17.</u>	Suspended Solids SM 2540D	14.00
12	40.	Temperature SM 2550B.....	8.00
13	41.	Total Alkalinity SM 2320B.....	16.00
14	42.	Total Coliform SM 9222B NC.....	19.00
15	43.	Total Coliform SM 9222B.....	46.00
16	44. <u>18.</u>	Total Kjeldahl Nitrogen EPA 351.2.....	24.00
17		(upon request Total Nitrogen calculation is	
18		included if Nitrite + Nitrate is also analyzed)	
19		(upon request Organic Nitrogen calculation is	
20		included if Ammonia is also analyzed)	
21	45. <u>19.</u>	Total Organic Carbon SM5310B (TOC)	27.00 <u>23.00</u>
22	46. <u>20.</u>	Total Petroleum Hydrocarbons EPA1664	51.00
23	47. <u>21.</u>	Total Phosphorus EPA 365.4.....	24.00
24	48. <u>22.</u>	Total Solids SM2540B.....	17.00

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1	49. <u>23.</u>	Turbidity EPA 180.1	12.00
2	50. <u>24.</u>	Turbidity YSI PROBE	7.00
3	51.	Volatile Solids (Solid) SM 2540G NC	18.00
4	52.	Volatile Solids (Liquid) EPA 160.4	18.00
5	53.	Water Level From Top Of Casing	
6		WATER LEVEL INDICATOR	7.00
7	54.	Water Table Depth MEASURED	7.00
8		<i>Sample Preparation</i>	
9	55.	Alumina Cleanup—Petroleum Waste	
10		SW 846 3610	60.00
11	56.	Florisil Cleanup—Pesticides SW 846 3620	91.00
12	57.	Gel Permeation Cleanup SW 846 3640	60.00
13	58.	Macroinvertebrate Preparation SM 18 10500 C.....	24.00
14	59.	Metals Extraction By Solid Phase SPE	17.00
15	60.	Microwave HF/Boric Digestion SW 846 3052	17.00
16	61.	Silica Gel Cleanup—PAHs SW 846 3630	60.00
17	62.	Soil Elutriate EPA ELUTRIATE	60.00
18	63.	TCLP Extraction SW 846 1311	60.00
19		<i>Metals Analysis (Aqueous/Solid)</i>	
20	25.	Metals by ICP/MS per metal	25.00
21	64.	Aluminum-ICP/MS EPA 200.8/SW 846 6020A	25.00
22	65.	Aluminum-ICP/MS (Solid)	
23		EPA 200.8/SW 846 6020A	25.00
24	66.	Antimony-ICP/MS EPA 200.8/SW 846 6020A	25.00

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1	67.	Arsenic-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
2	68.	Arsenic-ICP/MS (Solid)	
3		EPA 200.8/SW 846 6020A.....	25.00
4	69.	Barium-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
5	70.	Barium-ICP/MS (Solid)	
6		EPA 200.8/SW 846 6020A.....	25.00
7	71.	Beryllium-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
8	72.	Beryllium-ICP/MS (Solid)	
9		EPA 200.8/SW 846 6020A.....	25.00
10	73.	Cadmium-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
11	74.	Cadmium-ICP/MS (Solid)	
12		EPA 200.8/SW 846 6020A.....	25.00
13	75.	Calcium-ICP/MS SW 846 6020A.....	25.00
14		(Upon request Calcium Hardness calculation	
15		is included)	
16	76.	Calcium-ICP/MS (Solid) SW 846 6020A NC.....	25.00
17	77.	Calcium-ICP/MS (Solid) SW 846 6020A.....	33.00
18	78.	Chromium-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
19	79.	Chromium-ICP/MS (Solid)	
20		EPA 200.8/SW 846 6020A.....	25.00
21	80.	Cobalt-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
22	81.	Copper-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
23	82.	Copper-ICP/MS (Solid)	
24		EPA 200.8/SW 846 6020A.....	25.00

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1	83.	Copper-ICP/MS (saltwater)	
2		EPA 200.8 SPE/SW 846 6020A SPE.....	33.00
3	84.	ICP/MS Metals Single Element	
4		EPA 200.8/SW 846 6020A.....	25.00
5	85.	Iron-ICP/MS SW 846 6020A.....	25.00
6	86.	Iron-ICP/MS (Solid) SW 846 6020A.....	25.00
7	87.	Iron-ICP/MS (saltwater) SW 846 6020A SPE.....	33.00
8	88.	Lead-ICP/MS (Solid) EPA 200.8/SW 846 6020A...	25.00
9	89.	Lead-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
10	90.	Magnesium-ICP/MS SW 846 6020A.....	25.00
11		(Upon request Total Hardness calculation is	
12		included if Calcium is also analyzed.)	
13	91.	Magnesium-ICP/MS (Solid) SW 846 6020A NC.....	25.00
14	92.	Magnesium-ICP/MS (Solid) SW 846 6020A.....	33.00
15	93.	Manganese-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
16	94.	Manganese-ICP/MS(Solid)	
17		EPA 200.8/SW 846 6020A.....	25.00
18		<u>Mercury-245.1</u>	
19	95.	Mercury-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
20	96.	Mercury-ICP/MS (Solid)	
21		EPA 200.8/SW 846 6020A.....	25.00
22	97.	Molybdenum-ICP/MS EPA 200.8.....	25.00
23	98.	Molybdenum-ICP/MS (Solid) EPA 200.8 NC.....	25.00
24	99.	Molybdenum-ICP/MS (Solid) EPA 200.8.....	33.00

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1	400.	Nickel-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
2	401.	Nickel-ICP/MS(Solid) EPA 200.8/SW 846 6020A ..	25.00
3	402.	Potassium-ICP/MS (Solid) SW 846 6020A NC	25.00
4	403.	Potassium-ICP/MS (Solid) SW 846 6020A	33.00
5	404.	Potassium-ICP/MS <u>200.8</u> /SW 846 6020A.....	25.00
6	405.	Selenium-ICP/MS EPA 200.8/SW 846 6020A	25.00
7	406.	Selenium-ICP/MS (Solid)	
8		EPA 200.8/SW 846 6020A	25.00
9	407.	Silver-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
10	408.	Silver-ICP/MS (Solid) EPA 200.8/SW 846 6020A ..	25.00
11	409.	Sodium-ICP/MS SW 846 6020A.....	25.00
12	410.	Sodium-ICP/MS (Solid) SW 846 6020A NC	25.00
13	411.	Sodium-ICP/MS (Solid) SW 846 6020A	33.00
14	412.	Thallium-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
15	413.	Thallium-ICP/MS (Solid)	
16		EPA 200.8/SW 846 6020A	25.00
17	414.	Tin-ICP/MS EPA 200.8 NC	25.00
18	415.	Tin-ICP/MS EPA 200.8.....	25.00
19	416.	Vanadium-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
20	417.	Vanadium-ICP/MS (Solid)	
21		EPA 200.8/SW 846 6020A	25.00
22	418.	Zinc-ICP/MS EPA 200.8/SW 846 6020A.....	25.00
23	419.	Zinc-ICP/MS (Solid) EPA 200.8/SW 846 6020A	25.00
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1	<i>Gas and Liquid Chromatography</i>		
2	120. <u>26.</u>	Chlorinated Herbicides SW 846 8151	220.00
3	121. <u>27.</u>	Organochlorine Pesticides SW 846 8081 NC	121.00
4	122. <u>28.</u>	Organochlorine Pesticides SW 846 8081.....	178.00
5	123. <u>29.</u>	Organochlorine Pesticides (Solids)	
6		SW 846 8081 NC	121.00
7	124. <u>30.</u>	Organochlorine Pesticides (Solids) SW 846 8081..	189.00
8	125. <u>31.</u>	Organo_phosphorous Pesticides SW 846 8141.....	190.00
9	126. <u>32.</u>	Organo_phosphorous Pesticides	
10		SW 846 8141 NC	145.00
11	127. <u>33.</u>	Organo_phosphorous Pesticides (Solid)	
12		SW 846 8141	210.00
13	128. <u>34.</u>	Organo_phosphorous Pesticides (Solid)	
14		SW 846 8141 NC	145.00
15	129. <u>35.</u>	PCBs By Gas Chromatograph SW 846 8082 NC...	121.00
16	130. <u>36.</u>	PCBs By Gas Chromatograph SW 846 8082.....	94.00
17	131. <u>37.</u>	PCBs By Gas Chromatograph (Solid)	
18		SW 846 8082 NC	121.00
19	132. <u>38.</u>	PCBs In Oil By Waste Dilution/GC	
20		SW 846 8082 NC	79.00
21	133. <u>39.</u>	Polynuclear Aromatic Hydrocarbons	
22		SW8468270PAH.....	125.00
23	134. <u>40.</u>	Semivolatile Organics By GC/MS SW 846 8270	346.00
24			

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1	135.	Semivolatile Organics By GC/MS+Library	
2		Search SW 846 8270.....	436.00
3	<u>136. 41.</u>	Semivolatile Organics By GC/MS (Solid)	
4		SW 846 8270	346.00
5	<u>137. 42.</u>	Total Petroleum Hydrocarbons By FI- Pro	
6		FL-PRO.....	103.00 <u>73.00</u>
7	<u>138. 43.</u>	VOCs - EDB & DBCP Only By GC	
8		EPA 504/8011	84.00
9	<u>139. 44.</u>	VOCs - BTEX & MTBE Only By GC/MS	
10		SW 846 8260	90.00
11	<u>140. 45.</u>	VOCs - Full List By GC/MS SW 846 8260	171.00
12	<u>141. 46.</u>	VOCs By Purge & Trap Capillary	
13		GC MS (Solid Low Level) SW 846 8260LL	286.00
14	<u>142. 47.</u>	VOCs By Purge & Trap Capillary	
15		GC/MS (Solid High Level) SW 846 8260	171.00
16		Air Quality Procedures	
17	<u>143.</u>	Lead ICP/MS-Air EQL-0995-110 NC	33.00
18	<u>144.</u>	Particulate Matter, Pm-10 EPA 062NC	110.00
19	<u>145.</u>	VOCs In Air By Summa Cannister-GC/MS	
20		EPA TO-15 NC.....	336.00
21		<i>Field Sampling</i>	
22	<u>146. 48.</u>	Field Services Time.....	75.00/Hr
23		(Includes travel expenses, sampling, and	
24		consumables.)	

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1	147.	Boat Rental	200.00/Day or \$100.00/Half Day
2	148. <u>49.</u>	Groundwater Pump	100.00/Day or \$50.00/Half Day
3	149. <u>50.</u>	Sediment Dredge	50.00/Day or \$25.00/Half Day
4	150.	Autosampler	75.00/Day
5		(Set up and sampling not included.)	
6	151. <u>51.</u>	YSI Long Term Deployment	75.00/Day
7		<i>Microbiological Samples</i>	
8	152. <u>52.</u>	Enterococci EPA 1600/ <u>IDDEX</u>	46.00 <u>42.00</u>
9	153.	Microbial (DNA) Source Tracking	325.00
10	154. <u>53.</u>	Escherichia Coli (E. Coli)	
11		EPA 1603/ <u>IDEXX SM9223B</u>	46.00 <u>42.00</u>
12	<u>54.</u>	<u>Fecal Coliform SM 9222D IDEXX/Colilert</u>	<u>42.00</u>
13	<u>55.</u>	<u>Microbial (DNA) Source Tracking</u>	<u>175.00 per marker</u>
14	<u>56.</u>	<u>Microscopic Identification MICROSCOPY</u>	<u>46.00</u>
15	<u>57.</u>	<u>Total Coliform SM 9222B IDEXX/Colilert</u>	<u>42.00</u>

Additional fees:

Data analysis/reporting 38.00 per hour

All fees include extraction and digestion for aqueous matrix.

A surcharge of fifteen percent (15%) will be added for solid or waste preparation.

For any turn-around requests of five (5) days or less, an additional surcharge of twenty-five percent (25%) will be added to each parameter.

~~NOTE: NC indicates that this parameter is not certified by the NELAC Institute.~~

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1 For the purposes of bulk sampling or analysis requests, the above rates
2 may be modified by the Environmental Protection and Growth Management
3 Department up to plus or minus ~~10%~~ twenty percent (20%). Any revised
4 rate fee must cover the cost to the County for the provision of such services.

5 . . .

6
7 Section 2. Severability.

8 If any portion of this Administrative Code Resolution is determined by any court to
9 be invalid, the invalid portion will be stricken, and such striking will not affect the validity
10 of the remainder of this Administrative Code Resolution. If any court determines that this
11 Administrative Code Resolution, in whole or in part, cannot be legally applied to any
12 individual, group, entity, property, or circumstance, such determination will not affect the
13 applicability of this Administrative Code Resolution to any other individual, group, entity,
14 property, or circumstance.

15
16 Section 3. Inclusion in the Broward County Administrative Code.

17 It is the intention of the Board of County Commissioners that the provisions of this
18 Administrative Code Resolution become part of the Broward County Administrative Code
19 as of the effective date. The sections of this Administrative Code Resolution may be
20 renumbered or relettered and the word "resolution" may be changed to "section," "article,"
21 or such other appropriate word or phrase to the extent necessary in order to accomplish
22 such intention.

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1 Section 4. Effective Date.

2 This Administrative Code Resolution is effective upon adoption.

3 **PROPOSED**

4 ADOPTED this day of , 2020.

5
6 Approved as to form and legal sufficiency:
7 Andrew J. Meyers, County Attorney

8 By /s/ Michael C. Owens 07/20/2020
9 Michael C. Owens (date)
10 Senior Assistant County Attorney

11 By /s/ Maite Azcoitia 07/20/2020
12 Maite Azcoitia (date)
13 Deputy County Attorney

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22 MCO/gmb
23 Lab Fees Resolution
24 07/20/2020
#70056-0058

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