## Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD		
	Materials/Products Tested: Water (Surface, Ground, Effluent & Distributed Water)				
		PHYSICAL TESTS			
1	Color	SM 2120 B - Visual Comparison Method - Standard Method for	8		
2	Color	Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017  In-house method No.: CS 003	10		
3	Turbidity (Lab)	SM 2130 B - Nephelometric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	4		
4	Turbidity (Field Test)	SM 2130 B - Nephelometric Method for field tests Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	3		
5	Odor	SM 2150 B - Threshold Odor Test - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	7		
6	Total Alkalinity	SM 2320 B - Titration Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10		
7	Total Hardness	SM 2340 C - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10		
8	Electrical Conductivity (Lab)	SM 2510 B - Laboratory Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2.5		
9	Electrical Conductivity (Field Test)	SM 2510 B - Laboratory Method for field tests Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	3		
10	Total Dissolved Solids	SM 2540 C - Total Dissolved Solids Dried at 180 °C - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	12		
11	Total Suspended Solids	SM 2540 D - Total Suspended Solids Dried at 103-105 °C - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	12		
12	Total Solids	SM 2540 B - Total Solids Dried at 103-105 °C - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	12		
13	Temperature (Lab and Field Test)	SM 2550 B - Laboratory and Field Methods - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2		
14	pH (Lab)	SM 4500 H+B - Electrometric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2		
15	pH (Field Test)	SM 4500 H+ B - Electrometric Method for field tests Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	3		
		DISSOLVED METALS			
16	Iron	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 rd Edition, 2017	20		
17	Sodium	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20		
18	Strontium	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 rd Edition, 2017	20		
19	Zinc	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 rd Edition, 2017	20		

# Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD
20	Potassium	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
21	Chromium	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
22	Cadmium	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
23	Cobalt	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
24	Copper	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
25	Copper	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
26	Manganese	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
27	Manganese	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
28	Lead	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
29	Nickel	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
30	Arsenic	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
31	Silver	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
32	Antimony	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
33	Selenium	SM 3114 C - Continuous Hydride Generation/Atomic Absorption Spectrometriv Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
34	Selenium	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
35	Molybdenum	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
36	Boron	In-house method No.: CS 041	15

## Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD
37	Calcium Hardness	SM 3500-Ca B - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
38	Magnesium Hardness	SM 3500-Mg B - Calculation Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
		INORGANIC	<u>,                                      </u>
39	Cyanide	In-house method No.: CS 036	25
40	Residual Chlorine (Field Test)	SM 4500-Cl G - DPD Colorimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2
41	Residual Chlorine (Lab)	In-house method No.: CS 033	2
42	Chlorite ClO <sub>2</sub>	In-house method No.: CS 044	10
43	Chloride	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	11
44	Chloride	SM 4500-Cl B - Argentometric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
45	Fluoride	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	11
46	Fluoride	In-house method No.: CS 035	10
47	Ammonium-as NH <sub>4</sub>	In-house method No.: CS 031	15
48	Ammonium-as NH <sub>4</sub>	SM 4500-NH <sub>3</sub> F - Phenate Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
49	Nitrite- as NO <sub>2</sub>	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	11
50	Nitrite- as NO <sub>2</sub>	In-house method No.: CS 040	10
51	Nitrate- as NO <sub>3</sub>	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	11
52	Nitrate- as NO <sub>3</sub>	SM 4500-NO3 B - Ultraviolet Spectrophotometric Screening Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
53	Phosphate- as PO <sub>4</sub>	SM 4500-P D - Stannous Chloride Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
54	Sulfate- as SO <sub>4</sub>	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	11
55	Sulfate- as SO <sub>4</sub>	SM 4500-SO <sub>4</sub> E - Turbidimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10

# Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD
56	Bromide	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	11
57	Bromide	SM 4500-Br B - Phenol Red Colometric Method & Operational Manual - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
		ORGANIC	
58	TOC as NPOC	SM 5310 B - High-Temperature Combustion Method - Standard Method for Examination of Water and Wastewater, 22 <sup>nd</sup> Edition, 2012	20
59	TOC as NPOC	SM 5310 C - Persulfate Ultra violet oxidation Method - Standard Method for Examination of Water and Wastewater, 22 <sup>nd</sup> Edition, 2012	20
60	Trihalomethanes [Chloroform, Dichlorobromomethan, Dibromochloromethan & Bromoform]	In-house method No.: CS 002	70
61	MBAS	In-house method No.: CS 016	20
	M	IICROBIOLOGICAL EXAMINATION	
62	Total Coliform	SM 9221 B - Standard Total Coliform Fermentation Technique - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
63	Total Coliform	SM 9223 B - Enzyme Substrate & Manufacturer Manual - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	35
64	Total Coliform	In-house method No.: MS 001	25
65	Total Coliform	SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017 (Presence/Absence)	22
66	Escherichia Coli	SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017 SM 9221 F - MTFT Escherichia Coli Procedure (EC- mUG Medium) -	35
67	Escherichia Coli	Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	17
68	Escherichia Coli	SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 23 rd Edition, 2017 (Presence/Absence)	22
69	Fecal Coliform Direct Test (A-1 Medium)	SM 9221 E-2 - Fecal Coliform Direct Test (A-1 Medium) - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	18
70	Pseudomonas aeruginosa by MTFT	SM 9213F. Multiple-Tube Technique for Pseudomonas aeruginosa - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
71	Iron Bacteria	SM 9240 B - Iron Bacteria - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
		BIOLOGICAL EXAMINATION	

## Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD
72	Algae	SM 10200 F - Phytoplankton Counting Techniques - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
73	Nematode	In-house method No.: MS 014	20
74	Detection of Fungi	SM 9610 A - Detection of Fungi, 9610 B -Pour Plate and 9610 D - Membrane filter Technique - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
75	Cryptosporidium	In-house method No.: MS 011	400
76	Giardia	In-house method No.: MS 011	400
77	Amoeba	In-house method No.: MS 012	20
	Materials/Products Tested: W	aste Water (Wastewater Treatment Plants & Industrial Wastewater)	
		PHYSICAL TESTS	
78	Turbidity	SM 2130 B - Nephelometric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	4
79	HCO <sub>3</sub>	SM 2320 B - Titration Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
80	Total Dissolved Solids	SM 2540 C - Total Dissolved Solids Dried at 180 oC - Standard Method for Examination of Water and Wastewater, 23 rd Edition, 2017	12
81	Total Suspended Solids	SM 2540 D - Total Suspended Solids Dried at 103-105 oC - Standard Method for Examination of Water and Wastewater, 22 <sup>nd</sup> Edition, 2012	12
82	Temperature (Lab)	SM 2550 B - Laboratory and Field Methods - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2
83	Temperature (Field Test)	SM 2550 B - Laboratory and Field Methods - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2
84	pH (Lab)	SM 4500 H <sup>+</sup> B - Electrometric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2
85	pH (Field Test)	SM 4500 H+ B - Electrometric Method for field tests - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	3
		DISSOLVED METALS	
86	Aluminum	In-house method No.: CWS 012	10
87	Calcium Ion	SM 3500-Ca B - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
88	Magnesium Ion	SM 3500-Mg B - Calculation Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
89	Iron	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
90	Sodium	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
91	Manganese	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20

# Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD
92	Sodium Adsorption Ratio	SM 3111 B - Direct air Acetylene Flame Method, 3500-Mg B - Calculation Method and 3500-Ca B - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	33
93	Boron	In-house method No.: CWS 025	15
94	Total Zinc	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20
		INORGANIC	
95	Cyanide	In-house method No.: CWS 014	25
96	Total Chlorine	SM 4500-Cl G - DPD Colorimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2
97	Residual Chlorine	SM 4500-Cl G - DPD Colorimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	2
98	Chloride	SM 4500-Cl- B - Argentometric Method - Standard Method for Examination of Water and Wastewater, 22 <sup>nd</sup> Edition, 2012	10
99	Fluoride	In-house method No.: CWS 013	10
100	Ammonium-as NH <sub>4</sub>	In-house method No.: CWS 009	15
101	Nitrate- as NO <sub>3</sub>	Inhouse Method No.CWS 024	15
102	Nitrate- as NO <sub>3</sub>	SM 4500-NO3 B - Ultraviolet Spectrophotometric Screening Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
103	Dissolved Oxygen	SM 4500-O G / Membrane Electrode Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	7
104	Dissolved Oxygen	SM 4500-O C - Azide Modification Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
105	Phosphate- as PO <sub>4</sub>	In-house method No.: CWS 011	10
106	Sulfate- as SO <sub>4</sub>	SM 4500-SO4 E - Turbidimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	10
107	COD	SM 5220 C- Closed Reflux, Titrimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
108	COD	In-house method No.: CWS 028	20
109	Total Nitrogen	In-house method No.: CWS 023	20
		ORGANIC	
110	MBAS	In-house method No.: CWS 017	15
111	BOD	SM 5210 B - 5-days BOD Test - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	28
112	Oil & Grease	SM 5520 - Liquid, partition-Gravimetric Method - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	25
		MICROBIOLOGICAL EXAMINATION	

# Quality, Laboratories and Water Safety Department

No.	Test	Test Method	New Unit Price / JD	
113	Total Coliform	SM 9221 B - Standard Total Coliform Fermentation Technique - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	20	
114	Total Coliform	SM 9223 B - Enzyme Substrate & Manufacturer Manual - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	35	
115	Escherichia Coli	SM 9221 F - MTFT Escherichia Coli Procedure (EC- mUG Medium) - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	17	
116	Escherichia Coli	SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 23 <sup>rd</sup> Edition, 2017	35	
		BIOLOGICAL EXAMINATION	•	
117	Helminthes Eggs	In-house method No.: MWS 001	45	
	FIELD	TRIPS & Sampling Services(Grab Samples)		
No.	Destination	No of Samples Price(JD/Trip) vehicle	Price(JD/ Trip) Personnel	
1	In side Amman	≤4 30	20	
		>4 30	30 45	
2	Out side Amman	≤4 50 >4 50	60	
		LABS DATA AND INFORMATION		
		آلية احتساب كلفة البيانات المخبرية :		
من التكلفة الإجمالية الحقيقية للبيانات التراكمية وفقا لما هو وارد في قائمة أسعار التحاليل المعتمدة من شركة مياهنا				
حتساب النسبة المئوية لغايات احتساب البيانات المخبرية وفقا للجدول أدناه				
فة الاجمالية للبيانات التراكمية = التكلفة الحقيقية لاجور الفحوصات المخبرية x النسبة المئوية من الجدول				
NO.	INFORMATION PERIOD	% OF TOTAL PRICE		
1	من عام 2000 ولغاية تاريخه			