

**College of Engineering**  
**Department of Environmental Engineering**  
**ENVEN Laboratories**  
**Analysis Request Form “ARF2017-2”**



جامعة الإمام عبد الرحمن بن فيصل  
 IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

**Client / faculty member**

**JOB CODE :**

Do not fill this

Name & Title

Department / Company

Address

Phone number

Fax or email

Turn Around Time

**Project Details**

Project Name & number:

Funding Body:

**If  
funded**

Lab test Budget (SAR):

Remaining Budget (SAR)

**Sample(S):**

Sample ID	Date(Collection)	Time(Collection)	Matrix Type	Remarks
1				
2				
3				
4				
5				

**Parameters:**

*Please select in the related parameters forms to specify exactly*

Wet Chemistry (Fill page 2)

Elemental Tests (Fill Page 3)

Chromatographic test (Fill page 4)

Microbiology Test(Fill page 5)

Special testes (Fill page 6)

Sampled By	Relinquished to lab by ( if different )	Sample Disposal	Remarks
Name:	Name:		
Signature:	Signature:		
Date:	Date:		

**Client / Faculty Member Name & Signature:**

**Lab Head Name & Signature:**

Date:

Date:

**College of Engineering**  
**Department of Environmental Engineering**  
**ENVEN Laboratories**  
**Wet Chemistry Analysis Form “WCP2017-2”**



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**Client/ faculty member**

**JOB CODE:**  
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Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks	#	Parameter	√	Rate (SAR)	Remarks
1	Conductivity				20	Sulphur			
2	Turbidity				21	Kjeldahl Nitrogen			
3	Total Solids				22	Organic Nitrogen			
4	Suspended Solids				23	Ammonium Nitrogen			
5	Dissolved Solids				24	Total Nitrogen			
6	Settleable Solids				25	Total Phosphor			
7	Volatile Solids				26	Phenols			
8	Fixed Solids				27	Oil & Grease			
9	Water Content				28	Biological Oxygen Demand (BOD <sub>5</sub> )			
10	pH				29	Chemical Oxygen Demand (COD)			
11	Ion Mobility				30	Chromium (+6)			
12	Zeta Potential				31	Fluoride (F <sup>-</sup> )			
13	Acidity				32	Chloride (Cl <sup>-</sup> )			
14	Dissolved Oxygen				33	Bromide (Br <sup>-</sup> )			
15	Color				34	Nitrite (NO <sub>2</sub> <sup>-</sup> )			
16	Alkalinity				35	Nitrate (NO <sub>3</sub> <sup>-</sup> )			
17	Total Hardness				36	Sulfate (SO <sub>4</sub> <sup>2-</sup> )			
18	Free Chlorine				37	Phosphate (PO <sub>4</sub> <sup>3-</sup> )			
19	Total Chlorine				38	Cyanide (CN <sup>-</sup> )			

Total Number of Wet Chemistry tests =

“Total Number of Parameters X Total number of samples”

Total costs of Wet Chemistry tests (SAR) =

**College of Engineering**  
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**Elemental Analysis Form "EAP2017-2"**



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**JOB CODE :**

Do not fill this

Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks	#	Parameter	√	Rate (SAR)	Remarks
1	Silver, Ag				13	Indium, In			
2	Aluminum, Al				14	Potassium, K			
3	Boron, B				15	Lithium, Li			
4	Barium, Ba				16	Magnesium, Mg			
5	Bismuth, Bi				17	Manganese, Mn			
6	Calcium, Ca				18	Sodium, Na			
7	Cadmium, Cd				19	Nickel, Ni			
8	Cobalt, Co				20	Lead, Pb			
9	Chromium, Cr				21	Strontium, Sr			
10	Copper, Cu				22	Thallium, Tl			
11	Iron, Fe				23	Zinc, Zn			
12	Gallium, Ga				24				

Total Number of Elemental Analysis tests =

"Total Number of Parameters X Total number of samples"

Total costs of Elemental Analysis tests (SAR) =

**College of Engineering**  
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**Chromatographic Analysis Form "CAP2017-2"**



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 IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

**Client/ faculty member**

**JOB CODE:**

Do not fill this

Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks
1	Naphthalene			
2	Acenaphthene			
3	Acenaphthylene			
4	Anthracene			
5	Phenanthrene			
6	Fluorene			
7	Fluoranthene			
8	Benzo(a)anthracene			
9	Chrysene			
10	Pyrene			
11	Benzo(a)pyrene			
12	Benzo(b)fluoranthene			
13	Benzo(k)fluoranthene			
14	Dibenz(a,h)anthracene			
15	Benzo(g,h,i)perylene			
16	Indeno[1,2,3-cd]pyrene			
17	PCBs			
18	BTEX			
19	VOCs			

Total Number of Chromatographic tests = "Total Number of Parameters X Total number of samples"

Total costs of Chromatographic tests (SAR) =

**College of Engineering**  
**Department of Environmental Engineering**  
**ENVEN Laboratories**  
**Microbiology & Toxicity Analysis Form “MBP2017-2”**



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**Client/ faculty member**

**JOB CODE :**

Do not fill this

Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks
1	Total Coliform			
2	Fecal Coliform			
3	Total Bacteria Count			
4	HPC			
5	E. Coli (MPN)			
6	Chlorophyll A			
7	Chlorophyll B			
8	Chlorophyll C			
9	Fungal Counting			
10	Fish Biological Experiment: Toxication Thinning Factor (ZSF)			
11				
12				

**College of Engineering**  
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**ENVEN Laboratories**  
**Special Analysis Form “SAP2017-2”**



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**JOB CODE:**

Do not fill this

Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks
1	Total Organic Carbon (TOC Analyzer)			
2	CHNS Analysis			
3	Halogens in Waste Oil (Cl-, Br-, F-)			
4	Hydrocarbons (FTIR spectrometry)			
5	Mineral Oil Analysis in Solid Samples			
6	Mineral Oil Analysis in Liquid Samples			
7	BET surface area • 5 points (only surface area) <input type="checkbox"/> • 15 points (adsorption desorption curve) <input type="checkbox"/> • 25 points (complete analysis) <input type="checkbox"/>			
8	Toxicity Characteristic Leaching Procedure (TCLP)			
9	Synthetic Precipitation Leaching Procedure (SPLP)			
10	Indoor/Outdoor/Industrial Air Monitoring, Analysis, Modeling (Particulates, Gases, Elements, and Organics)			
11	Treatability Studies Including Water, Air, and Soil			
12	Environmental Impact Assessment			
13	Noise Pollution: Measurement, Mapping, Risk Assessment, Reduction Methods, Acoustic Reporting			
14	Waste Characterization, Disposal, Reducing, Reusing, Recycling, Management Consultations			
15	Life Cycle Assessment Consultation Services			
16	Other (Specify):			

Total Number of Special Parameter tests = "Total Number of Parameters X Total number of samples"

Total costs of Special Analysis (SAR) =

This Form "ARF2017-2" is the general analysis form, it is obligatory, and should be filled together with at least one parameter form

College of Engineering  
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LAB TEST Form "LTF2020"



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JOB CODE :

Turn Around Time:

Sample(S):

Sample ID	Date(Collection)	Time(Collection)	Matrix Type	remarks
1				
2				
3				
4				
5				

Parameters:

*Please fill in the related parameters forms to specify exactly*

Lab Supervisor / Analyst name & Signature:

Lab Head Name & Signature:

Date:

Date:

---

**College of Engineering**  
**Department of Environmental Engineering**  
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**Wet Chemistry Analysis Form “WCP2017-2”**



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Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks	#	Parameter	√	Rate (SAR)	Remarks
1	Conductivity				20	Sulphur			
2	Turbidity				21	Kjeldahl Nitrogen			
3	Total Solids				22	Organic Nitrogen			
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5	Dissolved Solids				24	Total Nitrogen			
6	Settleable Solids				25	Total Phosphor			
7	Volatile Solids				26	Phenols			
8	Fixed Solids				27	Oil & Grease			
9	Water Content				28	Biological Oxygen Demand (BOD <sub>5</sub> )			
10	pH				29	Chemical Oxygen Demand (COD)			
11	Ion Mobility				30	Chromium (+6)			
12	Zeta Potential				31	Fluoride (F <sup>-</sup> )			
13	Acidity				32	Chloride (Cl <sup>-</sup> )			
14	Dissolved Oxygen				33	Bromide (Br <sup>-</sup> )			
15	Color				34	Nitrite (NO <sub>2</sub> <sup>-</sup> )			
16	Alkalinity				35	Nitrate (NO <sub>3</sub> <sup>-</sup> )			
17	Total Hardness				36	Sulfate (SO <sub>4</sub> <sup>2-</sup> )			
18	Free Chlorine				37	Phosphate (PO <sub>4</sub> <sup>3-</sup> )			
19	Total Chlorine				38	Cyanide (CN <sup>-</sup> )			

Total Number of Wet Chemistry tests =

“Total Number of Parameters X Total number of samples”

Total costs of Wet Chemistry tests (SAR) =



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**Elemental Analysis Form "EAP2017-2"**



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Name & Title

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#	Parameter	√	Rate (SAR)	Remarks	#	Parameter	√	Rate (SAR)	Remarks
1	Silver, Ag				13	Indium, In			
2	Aluminum, Al				14	Potassium, K			
3	Boron, B				15	Lithium, Li			
4	Barium, Ba				16	Magnesium, Mg			
5	Bismuth, Bi				17	Manganese, Mn			
6	Calcium, Ca				18	Sodium, Na			
7	Cadmium, Cd				19	Nickel, Ni			
8	Cobalt, Co				20	Lead, Pb			
9	Chromium, Cr				21	Strontium, Sr			
10	Copper, Cu				22	Thallium, Tl			
11	Iron, Fe				23	Zinc, Zn			
12	Gallium, Ga				24				

Total Number of Elemental Analysis tests =

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Total costs of Elemental Analysis tests (SAR) =

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**Chromatographic Analysis Form "CAP2017-2"**



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Name & Title

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7	Fluoranthene			
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9	Chrysene			
10	Pyrene			
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12	Benzo(b)fluoranthene			
13	Benzo(k)fluoranthene			
14	Dibenz(a,h)anthracene			
15	Benzo(g,h,i)perylene			
16	Indeno[1,2,3-cd]pyrene			
17	PCBs			
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Total Number of Chromatographic tests = "Total Number of Parameters X Total number of samples"

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**Microbiology & Toxicity Analysis Form “MBP2017-2”**



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Name & Title

Department / Company

#	Parameter	√	Rate (SAR)	Remarks
1	Total Coliform			
2	Fecal Coliform			
3	Total Bacteria Count			
4	HPC			
5	E. Coli (MPN)			
6	Chlorophyll A			
7	Chlorophyll B			
8	Chlorophyll C			
9	Fungal Counting			
10	Fish Biological Experiment: Toxication Thinning Factor (ZSF)			
11				
12				

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**Special Analysis Form “SAP2017-2”**



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Name & Title

Department / Company

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3	Halogens in Waste Oil (Cl-, Br-, F-)			
4	Hydrocarbons (FTIR spectrometry)			
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7	BET surface area • 5 points (only surface area) <input type="checkbox"/> • 15 points (adsorption desorption curve) <input type="checkbox"/> • 25 points (complete analysis) <input type="checkbox"/>			
8	Toxicity Characteristic Leaching Procedure (TCLP)			
9	Synthetic Precipitation Leaching Procedure (SPLP)			
10	Indoor/Outdoor/Industrial Air Monitoring, Analysis, Modeling (Particulates, Gases, Elements, and Organics)			
11	Treatability Studies Including Water, Air, and Soil			
12	Environmental Impact Assessment			
13	Noise Pollution: Measurement, Mapping, Risk Assessment, Reduction Methods, Acoustic Reporting			
14	Waste Characterization, Disposal, Reducing, Reusing, Recycling, Management Consultations			
15	Life Cycle Assessment Consultation Services			
16	Other (Specify):			

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