



**CENTRAL LABORATORY**  
**RAJASTHAN STATE POLLUTION CONTROL BOARD**  
4, PARYAVARAN MARG, INSTITUTIONAL AREA, JHALANA DOONGRI, JAIPUR.  
Laboratory Phone No. 0141 – 5159607, 5159648, Fax No. 0141 - 5159665

**OFFICE ORDER**

In suppression of the office order no. F.11 (91)RPCB/Lab/661 to 680 dated 06.11.2006 and pursuant to the decision taken by the Board in its 131<sup>st</sup> board meeting held on 20<sup>th</sup> July 2011, the charges for collection and analysis of the sample of water, waste water, soil, hazardous waste, stack emission, ambient air quality, monitoring of noise by the laboratories of the State Board established under the provisions of section 17 of the Water (Prevention & Control of Pollution) Act, 1974 and Section 17 of the Air (Prevention & Control of Pollution Act, 1981 at Central Laboratory Jaipur and Regional Laboratories at Alwar, Jodhpur Kota, Bikaner, Pali, Chittorgarh, Bhartapur, Sikar, Balotra, Udaipur, Bhilwara & Kishangarh shall be applicable as per the enclosed schedule for paid monitoring. The charges for sampling and analysis as per the rates specified in the schedule shall be paid through Demand Draft in favour of Member Secretary, Rajasthan State Pollution Control Board payable at Jaipur for Central Laboratory or the concerned Regional Offices of the State Board for Regional Laboratory.

Encl.:- As above.

  
Member Secretary.

F. 11 (91)RPCB/Lab/1452

Dated: 13.10.2011

Copy to the following for necessary action-

1. P.A. to Chairman, RSPCB, Jaipur.
2. Sr P.A. to Member Secretary, RSPCB, Jaipur.
3. Chief Environmental Engineer, (Planning), RSPCB, Jaipur.
4. Chief Scientific Officer, RSPCB, Jaipur.
5. S.E.E. (Adm.), RSPCB, Jaipur.
6. Sr. A.O., RSPCB, Jaipur.
7. The Group Incharge, Plg. & DF/ TCD & ADM / SWMC / Mines/ CPM/ Hotels/ SCMG/ MUID/ CCC/ VTR/ PAAC, RSPCB, Jaipur.
- ✓ 8. ACP, RSPCB, Jaipur for display of office order on Web Site of the State Board
9. Regional Officer, Regional Office, RSPCB, Jaipur/ Alwar/ Jodhpur/ Kota/ Bikaner/ Pali/ Chittorgarh/ Bhartapur/ Sikar/ Balotra/ Udaipur/ Bhilwara & Kishangarh.
10. In-Charge, Regional Labs. RSPCB, Alwar/ Jodhpur/ Kota/ Bikaner/ Pali/ Chittorgarh/ Bhartapur/ Sikar/ Balotra/ Udaipur/ Bhilwara & Kishangarh.

  
Chief Scientific Officer

## RATES FOR SAMPLING AND ANALYSIS CHARGES OF ENVIRONMENTAL SAMPLES

(Applicable w. e. f. 1<sup>st</sup> August 2011)

*Note:*

- (i) This schedule supersedes all schedules of sampling and analysis charges notified earlier as such earlier schedules stand cancelled & withdraw
- (ii) In case of research works / projects of any recognized Universities, Engineering Colleges and other Educational Institutions, if the samples are analysed by the State Boards and the State Board is allowed to share the data of analysis by the relating agency, in such case the State Board will charge only 25% of the prescribed charges to enhance the data bank of the State Board.
- (iii) In case of sampling and analysis of the environmental samples related to the sponsored joint project of the State Board with any Department / Institution / Organization, no charges will be applicable. The work shall be carried out free of cost with prior approval of the Member Secretary.
- (iv) If RSPCB is assigning any project on payment basis to other Institution / Department / Organization / NGO's / Consultant and it is availing the facilities of RSPCB labs then agency shall pay for the collection and analysis charges, however, with prior approval of the Member Secretary.

### A. SAMPLING CHARGES

#### (I) Sampling Charges for Ambient Air / Fugitive Emission Samples

S. No	Type of Sampling	Charges (Rs.)
1	Air Monitoring	
(a)	Sampling (up to each 8 hrs.) for Suspended Particulate Matter and Gaseous Pollutants	2000
(b)	Sampling (24 hrs.) for Suspended Particulate Matter and Gaseous Pollutants	6000
(c)	Sampling of Volatile Organic Compounds (VOCs) / Benzene Toluene Xylene (BTX)	2000
(d)	Sampling of Poly Aromatic Hydrocarbons (PAHs)	2500

#### (II) Source Emission Monitoring / Sampling Charges

S.No.	Type of Sampling	Charges (Rs.)
(a)	Sampling / Measurement of Velocity, Flow Rate, Temperature and Molecular Weight of Flue Gas (each specific location / each sample in duplicate for mentioned parameter)	5500
(b)	Sampling of SO <sub>2</sub> / NO <sub>x</sub>	2000
(c)	Sampling of PAHs	3000
(d)	Sampling of VOCs / BTX	3500

#### (III) Noise Monitoring

S. No.	Type of Sampling	Charges (Rs.)
(a)	First Monitoring	4000
(b)	Each Subsequent Monitoring within same premises	2000
(c)	For 08 hrs. continuous monitoring or more	10,000

- Note:* (i) Transportation charges will be separate as per actual basis.  
(ii) Sample analysis charges of respective parameters will be extra as per list.



<b>(IV) Sampling Charges for Water &amp; Wastewater Samples</b>		
<b>S.No.</b>	<b>Type of Sampling</b>	<b>Charges (Rs.)</b>
(a)	<b>Grab Sampling:</b>	
1	Grab Sampling / Sample / Place	550
2	For every additional Grab Sampling at same place.	250
(b)	<b>Composite Sampling:</b>	
1	Composite Sampling / Source / Place up to 8 Hours	1000
	-do- up to 16 Hours	2000
	-do- up to 24 Hours	3000
2	For every additional Composite Sampling / same place but different source	
	-do- up to 8 Hours.	550
	-do- up to 16 Hours	1100
	-do- up to 24 Hours	1650
3	Flow Rate Measurement / Source - once	400
	-do- - every additional	150

<b>(V) Sampling Charges for Soil Samples</b>		
<b>S.No.</b>	<b>Type of Sampling</b>	<b>Charges (Rs.)</b>
1	Grab Sampling / Sample / Place	600
2	For additional Grab Sampling / Same Place	300

<b>(VI) Hazardous Waste Sample collection charges at the premises of Industry / Import Site / Disposal Site</b>		
<b>S. No.</b>	<b>Type of Sampling</b>	<b>Charges (Rs.)</b>
1	Integrated sample collection charges	1000

**Note:** (i) Transportation charges will be extra on actual basis.

(ii) Sample analysis charges of respective parameters will be extra as per list.

<b>B. ANALYSIS CHARGES</b>		
<b>1. Analysis Charges for Ambient Air / Fugitive Emissions Samples</b>		
<b>S. No.</b>	<b>Parameters</b>	<b>Analysis Charges per Sample (Rs.)</b>
1	Ammonia	600
2	Analysis Using Dragger (per Tube)	400
3	Benzene Toluene Xylene (BTX)	1000
4	Carbon Monoxide	600
5	Chlorine	600
6	Fluoride (Gaseous)	600
7	Fluoride (Particulate)	600
8	Hydrogen Chloride	600
9	Hydrogen Sulphide	600
10	Lead & Other Metals (per Metal)	As mentioned in respective group at Clause 4.0
11	NO <sub>x</sub>	600
12	Ozone	1000
13	Poly Aromatic Hydrocarbons (PAHs)	As mentioned in

		respective group at Clause 4.0
14	Suspended Particulate Matter (SPM)	600
15	Particulate Matter (PM <sub>2.5</sub> )	1000
16	Respirable Suspended Particulate Matter (PM <sub>10</sub> )	600
17	Sulphur Dioxide	600
18	Volatile Organic Carbon	2000
19	Organic and Elemental Carbon (OC/EC) on quartz filter paper	2000
20	Acid Mist	600
21	Mercaptan	600

### 2. Analysis Charges for Source Emission Parameters

S. No.	Parameters	Analysis Charges per Sample(Rs.)
1	Acid Mist	600
2	Ammonia	600
3	Carbon Monoxide	600
4	Chlorine	600
5	Fluoride (Gaseous)	600
6	Fluoride (Particulate)	600
7	Hydrogen Chloride	600
8	Hydrogen Sulphide	600
9	Oxides of Nitrogen	600
10	Oxygen	500
11	Polycyclic Aromatic Hydrocarbons (Particulate)	As mentioned in respective group at Clause 4.0
12	Particulate Matter (PM)	600
13	Sulphur Dioxide	600
14	Benzene Toluene Xylene (BTX)	1500
15	Volatile Organic Carbon	3000

### 3. Ambient Air Quality Monitoring using On-line Monitoring Instruments by Mobile Van

S.No.	Parameters	Charges (Rs.)
1	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> , SPM, CO along with Meteorological data viz. Temperature, Humidity, Wind speed, Wind direction	Rs 3,500/hour (min. charges Rs 15,000/-) + Rs 50/km run of the van for 24 hours monitoring

### 4. Analysis Charges for Water & Waste Water Samples

S. No.	Parameters	Analysis Charges per Sample (Rs.)
1	Conductivity	60
2	Colour	60
3	Flow Rate Measurement (First)	400
4	Flow Rate Measurement (Additional)	150
5	Magnesium Hardness	100
6	Odour	60

7	Sludge Volume Index (S.V.I.)	200
8	Solids (Dissolved)	100
9	Solids (Fixed)	150
10	Solids (Volatile)	150
11	Suspended Solids	100
12	Temperature	60
13	Total Solids	100
14	Turbidity	60
15	Velocity of Flow (Current Meter)	200
16	Velocity of Flow (Other)	550
17	Acidity	100
18	Alkalinity	100
19	Ammonical Nitrogen	200
20	Bicarbonates	100
21	Bio Chemical Oxygen Demand (BOD)	600
22	Bromide	100
23	Calcium (Titrimetric)	100
24	Carbon Dioxide	100
25	Carbonate	100
26	Chloride	100
27	Chlorine Demand	200
28	Chlorine Residual	100
29	Chemical Oxygen Demand (COD)	350
30	Cyanide	350
31	Detergent	200
32	Dissolved Oxygen	100
33	Fluoride	200
34	H-Acid	350
35	Hardness (Calcium)	100
36	Hardness (Total)	100
37	Iodide	100
38	Nitrate Nitrogen	200
39	Nitrite Nitrogen	200
40	Percent Sodium	600
41	Permanganate Value	200
42	pH	60
43	Phosphate (Ortho)	200
44	Phosphate (Total)	350
45	Salinity	100
46	Sodium Absorption Ratio (SAR)	600
47	Settleable Solids	100
48	Silica	200
49	Sulphate	150
50	Sulphide	200
51	Total Kjeldahl Nitrogen (TKN)	350
52	Urea Nitrogen	350



53	Cations (Na <sup>+</sup> ,NH <sub>4</sub> ,K <sup>+</sup> ,Ca <sup>++</sup> and Mg <sup>++</sup> ) and Anions (F <sup>-</sup> ,Br <sup>-</sup> ,Cl <sup>-</sup> ,NO <sub>3</sub> <sup>-</sup> ,NO <sub>2</sub> <sup>-</sup> , SO <sub>4</sub> <sup>--</sup> and PO <sub>4</sub> <sup>---</sup> ) in surface and ground water sample using ion chromatograph	1200 (for 12 ions)
	<b>Processing / Pre-treatment Charge per sample</b>	500
1	Aluminium	300
2	Antimony	300
3	Arsenic	300
4	Barium	300
5	Beryllium	300
6	Boron	300
7	Cadmium	300
8	Chromium Hexavalent	200
9	Chromium Total	300
10	Cobalt	300
11	Copper	300
12	Iron	300
13	Lead	300
14	Magnesium	200
15	Manganese	300
16	Mercury (Processing and Analysis)	800
17	Molybdenum	300
18	Nickel	300
19	Potassium	200
20	Tin	300
21	Selenium	300
22	Silver	300
23	Sodium	200
24	Strontium	300
25	Vanadium	300
26	Zinc	300
	<b>Organo Chlorine Pesticides (OCPs)</b>	
	<b>Processing / Pre-treatment Charge per sample</b>	1000
1	Aldrin	400
2	Dicofol	400
3	Dieldrin	400
4	Endosulfan-I	400
5	Endosulfan-II	400
6	Endosulfan Sulfate	400
7	Heptachlor	400
8	Hexa Chloro Benzene (HCB)	400
9	Methoxy Chlor	400
10	<i>o,p</i> DDT	400
11	<i>p,p'</i> -DDD	400
12	<i>p,p'</i> -DDE	400
13	<i>p,p'</i> -DDT	400
14	α -HCH	400
15	β -HCH	400
16	γ-HCH	400

17	$\delta$ -HCH	400
<b>Organo Phosphorus Pesticides (OPPs)</b>		
<b>Processing / Pretreatment Charge per sample</b>		1000
1	Chlorpyrifos	400
2	Dimethoate	400
3	Ethion	400
4	Malathion	400
5	Monocrotophos	400
6	Parathion-methyl	400
7	Phorate	400
8	Phosphamidon	400
9	F. ofenophos	400
10	Quinalphos	400
<b>Synthetic Pyrethroids (SPs)</b>		
<b>Processing / Pretreatment Charge per sample</b>		1000
1	Deltamethrin	400
2	Fenpropethrin	400
3	Fenvalerate	400
4	$\alpha$ - Cypermethrin	400
5	$\beta$ - Cyfluthrin	400
6	$\lambda$ - Cyhalothrin	400
<b>Herbicides</b>		
<b>Processing / Pretreatment Charge per sample</b>		1000
1.	Alachlor	400
2.	Butachlor	400
3.	Fluchloralin	400
4.	Pendimethalin	400
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>		
<b>Processing / Pretreatment Charge per sample</b>		1000
1.	Acenaphthene	400
2.	Acenaphthylene	400
3.	Anthracene	400
4.	Benzo(a)anthracene	400
5.	Benzo(a)pyrene	400
6.	Benzo(b)fluoranthene	400
7.	Benzo(e)pyrene	400
8.	Benzo(g,h,i)perylene	400
9.	Benzo(k)fluoranthene	400
10.	Chrysene	400
11.	Dibenzo(a,h)anthracene	400
12.	Fluoranthene	400
13.	Fluorene	400
14.	Indeno(1,2,3-cd)pyrene	400
15.	Naphthalene	400
16.	Perylene	400
17.	Phenanthrene	400

18.	Pyrene	400
	<b>Polychlorinated Biphenyls (PCBs)</b>	
	<b>Processing / Pre-treatment Charge per sample</b>	1000
1.	Aroclor 1232	400
2.	Aroclor 1242	400
3.	Aroclor 1248	400
4.	Aroclor 1254	400
5.	Aroclor 1260	400
6.	Aroclor 1262	400
	<b>Tri Halo Methane (THM)</b>	
	<b>Processing / Pre-treatment charge per sample</b>	800
1.	Bromo dichloromethane	400
2.	Bromoform	400
3.	Chloroform	400
4.	Dibromo chloromethane	400
	<b>Other Organic Parameters</b>	
1.	Adsorbable Organic Halogen (AOX)	2000
2.	Tannin/Lignin	350
3.	Oil & Grease	200
4.	Phenol	200
5.	Total Organic Carbon (TOC)	500
6.	Volatile Organic Acids	350
7.	Bacteriological Sample Collection	200
8.	Benthics Organism Identification & Count (Each Sample)	600
9.	Benthics Organism Sample Collection	1000
10.	Chlorophyll Estimation	600
11.	E Coli (MFT Technique)	400
12.	E Coli (MPN Technique)	350
13.	Faecal Coliform (MFT Technique)	400
14.	Faecal Coliform (MPN Technique)	350
15.	Faecal Streptococci (MFT Technique)	450
16.	Faecal Streptococci (MPN Technique)	400
17.	Plankton Sample Collection	250
18.	Plankton (Phytoplankton) Count	600
19.	Plankton (Zooplankton) Count	600
20.	Standard Plate Count	200
21.	Total Coliform (MFT Technique)	400
22.	Total Coliform (MPN Technique)	350
23.	Total Plate Count	350
24.	Toxicological - Bio - Assay (LC50)	2800
<p><b>Note: (i) Sampling Charges for water &amp; waste water samples are separate as specified in clause A (IV), but subject to minimum of Rs 700/- irrespective of number of samples.</b></p> <p><b>(ii) Transportation charges are separate on actual basis.</b></p>		



<b>5. Analysis Charges for Soil / Sludge / Sediment / Solid Waste Samples</b>		
<b>S.No.</b>	<b>Parameter</b>	<b>Analysis Charges per Sample (Rs.)</b>
1.	Ammonia	300
2.	Bicarbonates	200
3.	Boron	400
4.	Calcium	150
5.	Calcium Carbonate	350
6.	Cation Exchange Capacity (CEC)	400
7.	Chloride	150
8.	Colour	100
9.	Electrical Conductivity (EC)	100
10.	Exchangeable Sodium Percentage (ESP)	550
11.	Gypsum Requirement	350
12.	H. Acid	400
13.	Heavy Metal	As mentioned in respective group at Clause 4.0
14.	Trace Metals using ED-XRF Aluminium, Antimony, Arsenic, Barium, Bromine, Cadmium, Calcium, Cesium, Chlorine, Chromium, Cobalt, Copper, Gallium, Germanium, Gold, Iodine, Iron, Lanthanum, Lead, Magnesium, Manganese, Molybdenum, Nickel; Palladium, Phosphorous, Potassium, Rubidium, Rutherfordium, Selenium, Silicon, Silver, Sodium, Strontium, Sulphur, Tellurium, Tin, Titanium, Tungsten, Vanadium, Ytterbium, and Zinc per sample.	4000
15.	Magnesium	300
16.	Mechanical Soil Analysis (soil texture)	150
17.	Nitrate	300
18.	Nitrite	300
19.	Nitrogen Available	350
20.	Organic Carbon/Matter (Chemical Method)	350
21.	Polycyclic Aromatic Hydrocarbons (PAHs)	As mentioned in respective group at Clause 4.0
22.	Polychlorinated Biphenyls (PCBs)	As mentioned in respective group at Clause 4.0
23.	Pesticides	As mentioned in respective group at Clause 4.0
24.	pH	100
25.	Phosphorous (Available)	400
26.	Phosphate (Ortho)	300
27.	Phosphate (Total)	400
28.	Potash (Available)	200

29	Potassium	300
30	Sodium Absorption Ratio (SAR) in Soil Extract	650
31	Sodium	300
32	Soil Moisture	100
33	Sulphate	200
34	Sulphur	350
35	Total Kjeldhal Nitrogen (TKN)	400
36	TOC	550
37	Total Water Soluble Salts	200
38	Water Holding Capacity	100

**Note:** (i) Sampling charges for soil samples as specified in clause A (V).  
(ii) Transportation charges will be extra on actual basis.

#### 6. Analysis Charges for Hazardous Waste Samples

S.No.	Parameters	Analysis Charges per Sample (Rs.)
1.	Preparation of Leachate (TCLP Extract/ Water Extract)	1000
2.	Determination of Various parameters in Leachate	As mentioned in respective group at Clause 4.0
3.	Flash Point/Ignitibility	550
4.	Reactivity	550
5.	Corrosivity	550
6.	Measurement of Toxicity	
	- LC50	2800
	- Dimensionless Toxicity	1600
7.	Total Organic Carbon	500
8.	Absorbable Organic Halogen (AOX)	2000
9.	*Analysis with FTIR Analyser:- Only Scanning	
(a)	Scan with KBr without accessory	250
(b)	Scan with KBr with accessory	500

  
Member Secretary,  
RSPCB