WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Govt. of West Bengal)
" Paribesh Bhavan "
Bldg. No. 10A, Block – LA, Sector – III, Salt Lake City,
Kolkata – 700098,West Bengal, INDIA,
Tel. : 2335-0261 / 9088 / 7428 / 8211 / 6731/ 8861
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Memo No.- 205 **-5/WPB-S/99 (Part-V)** **Date:** 29.12.2017.

ORDER

In exercise of power conferred under section 17 (2) of the Water (Prevention and Control of Pollution) Act 1974 and under section 17(2) of the Air (Prevention and Control of Pollution) Act 1981, the West Bengal Pollution Control Board (hereinafter referred as the "State Board") is pleased to recognize the following laboratories for the purposes of environmental monitoring for the **period 01.01.2018 to 31.12. 2019** for the parameters as tabulated below:

Sl. No.	*Name & address of laboratory*	*Parameters*
1	M/s Bharat Foundation 25/11A, K. P. Roy Lane, Kolkata- 700031 Tel: 033-24152145/ 24055015	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, O_3 ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity and flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Fluoride (only sampling) ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Velocity & discharge measurement of industrial effluent stream, Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, sulphide, CO_2, Silica ***Group-B_3 (Inorganic- metals):*** B, Ca, Cr^{+6}, Fe, Mg, K, Na ***Group-B_4 (Organics - general & trace organics):*** BOD, COD, O&G, Phenols ***Group-B_5 (Microbiological tests):*** Total Coliform, Fecal Coliform, Total plate count, E- coli ***Group-B_7 (Biological tests):*** Benthic organism identification and count, Macrophytic identification, Planktonic identification count ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), K, Na, Soil moisture, TKN, Colour
2	M/s Envirocheck 189 &190, Rastraguru Avenue , Kolkata- 700028 Tel:033-25792889/2891/ 2549/7490 Mobile:9830067044	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, B(a)P, Ni, As, Fluoride (Particulate/Gaseous), Non methane hydro carbon, Methane, VOC ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Solar radiation, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Acid Mist, Fluoride (Particulate), Fluoride (Gaseous), Hydro chloric acid, Total Hydro Carbon, Hydrogen sulphide, Carbon disulphide ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin)
	Contd...	***Group-B_1 (Physical tests):*** Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Velocity & discharge measurement of industrial effluent stream, Flocculation test (Jar test), Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total & Ca), TKN,

Sl. No.	Name & address of laboratory	Parameters
		NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, Carbon dioxide, Chlorine demand, CN, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Be, Mn, Se, Ag, Sr, Sn. Sv, Co, V ***Group-B_4 (Organics - general & trace organics):*** BOD, COD, O&G, Phenols, Organo- chlorine pesticides, Organo-nitrogen-phosphorous pesticides, TOC, Surfactants, Tannin & lignin, PCB's, PAH ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, Faecal Streptococci, E-coli, Total plate count, Enterococcus ***Group-B_6 (Toxicological tests):*** Bio-assay, Measurement of toxicity using Daphnia or other organism, Measurement of toxicity factor using zebra fish ***Group-B_7 (Biological tests):*** Benthic organism identification and count, Macrophytic identification, Planktonic identification count, Measurement of various diversity index, Chlorophyll, Primary productivity ***Group-B_8 (Characterization of Hazardous waste):*** TCLP, Toxicity, Measurement of Heavy metals/ pesticides in the waste/leachate ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, Ca, Calcium carbonate, Heavy metal, Mg, NO_3, PAH, Pesticides, Sulphate, TOC, Water holding capacity
3	M/s Envirotech East (P) Ltd. Bengal Ambuja Commercial Complex, UN F-13,1050/1, Survey Park, Kolkata - 700075 Tel : 033-2418 8127/8128 Mobile: 9331026867	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, B(a)P, Ni, As, Chlorine, Fluoride (Particulate/Gaseous), Non methane hydro carbon, Methane, VOC ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Solar radiation, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Ammonia, Chlorine, Fluoride (Particulate), Fluoride (Gaseous), Hydro chloric acid, Total Hydro Carbon, Hydrogen sulphide, Carbon disulphide ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Odour, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, Sulphite, CO_2, Silica, CN, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Be, Li, Mn, Se, Ag, Sr, Sn, Sb, V, Mo, Ti ***Group-B_4 (Organics - general & trace organics):*** BOD, COD, O&G, Phenols, Organo- chlorine pesticides Organo-nitrogen-phosphorous pesticides, Surfactants, ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, Faecal Streptococci, E-coli, Total plate count, Enterococcus ***Group-B_6 (Toxicological tests):*** Bio-assay, Measurement of Toxicity factor using Zebra fish ***Group-B7 (Biological tests): Benthic organisgm identification and count, Macrophytic identification,,*** Planktonic identification count, Measurement of various diversity index, Chlorophyll ***Group-B_8 (Characterization of Hazardous waste):*** TCLP, Toxicity, Measurement of Heavy metals/ pesticides in the waste/leachate ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, Ca, Chloride, Colour, Heavy metals, Mg, NO_3, NO_2, PAH, Pesticides, Sulphate, Sulpher, TOC, Water holding capacity
4	M/s Mitra S. K. Pvt. Ltd. Udyan Industrial Estate P-48, 3- Pagla Danga Road, Kolkata- 700015 Tel: 033-23230072/78 Mobile: 9007002720 *Contd....*	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, BaP, Ni, As, Chlorine, Fluoride (Particulate/Gaseous), Non methane hydro carbon, Methane, VOC ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Solar radiation, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Ammonia. Chlorine, Fluoride

Sl. No.	Name & address of laboratory	Parameters
		(Particulate), Fluoride (Gaseous), Hydro chloric acid, Total Hydro Carbon, Hydrogen sulphide, Carbon disulphide ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, Silica, CN, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Be, Ba, Mn, Se, Ag, Sn, Sb, Co, V ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols, Organo- chlorine pesticides, Organo-nitrogen-phosphorous pesticides, Surfactants, Tannin & lignin, PCB's, PAH, Organic Carbon (in solid) ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, Faecal Streptococci, E-coli, Total plate count, Enterococcus ***Group-B_6 (Toxicological tests):*** Bio-assay, Measurement of Toxicity factor using Zebra fish ***Group-B_7 (Biological tests):*** Benthic organism identification and count, Macrophytic identification, Planktonic identification count, Chlorophyll, primary productivity ***Group-B_8 (Characterization of Hazardous waste):*** Measurement of Heavy metals/ pesticides in the waste ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, Bicarbonate, Ca, Chloride, Colour, Heavy metal, Mg, Mechanical soil analysis, NO_3, NO_2, Potash (available), Sulphate, Water holding capacity
5	M/s N. D. International 107B, Block-F, New Alipore Kolkata- 700053 Tel: 033- 40216600-17 Mobile: 98030310828	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$ ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Solar radiation, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, NH_3-N, Chloride, Chlorine residue, DO, Hardness (Total), TKN, Phosphate, Sulphate ***Group-B_3 (Inorganic- metals):*** Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Ni, K, Na, SAR, Zn, As, Al, Mn, ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols ***Group-B_5 (Microbiological tests):*** Total Coliform, Fecal Coliform, E-coli, Fecal streptococci, Total plate count, Enterococcus ***Group-B_8 (Characterization of Hazardous waste):*** Measurement of Heavy metals/ pesticides in the waste/leachate ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, K, Na, Soil moisture, TKN, Ca, $CaCO_3$, Chloride, Heavy metal, Mg, Potash Available, Sulphate, Sulphur,, Total water soluble salt
6	M/s Pollution and Project Consultants P- 145, Bangur Avenue Block A, Kolkata- 700055 Tel : 033-2574 3418/2984 Mobile: 8906767828	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, O_3, Ni ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity and flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, NH_3 ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin)
		Group-B_1 (Physical tests): Conductivity, pH, Total solids, TDS, TSS, Turbidity, Temperature ***Group-B_2 (Inorganic- general and non-metallic):*** Alkalinity, Ammoniacal Nitrogen, Chloride, DO, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, Sulphite ***Group-B_3 (Inorganic- metals):*** Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Mg, Ni, K, Na, Zn ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, E-coli ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** Cation exchange capacity, EC,

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Sl. No.	Name & address of laboratory	Parameters
		Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, Na, Soil moisture, TKN, Heavy metals, Ca, Chloride, Mg, NO_3, Sulphate, Sulphur, Total water soluble salt
7	M/s Pollution Analizer Consultant 10, Sourin Roy Road (2^{nd} & 3^{rd} Floor) Behala Kolkata-700034 Mobile: 9748707576	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$ ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, temperature, O_2, Oxides of Nitrogen, ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin)
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & Volatile solids, Total solids, TDS, TSS, Turbidity, Temperature ***Group-Group-B_2 (Inorganic- general and non-metallic): Acidity***, Alkalinity, Chloride, Chlorine residual, DO, Hardness (Total & Ca), TKN, NO_2-N NO_3-N, PO_4, Sulphate, Sulphite, Sulphide ***Group-B_3 (Inorganic- metals):*** Ca, $Cr^{+}6$, Fe, Mg, K, Na ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols ***Group-B_5 (Microbiological tests):*** Total Coliform, Fecal Coliform, E-coli, Total plate count ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** pH, K, Na, Soil moisture, TKN
8	M/s Qualissure Laboratory Services 361, Prantik Pally, 45/361, Bose Pukur Road, Kolkata- 700107 Mobile: 9831287086	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, O_3 ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Ammonia ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammoniacal nitrogen, Chloride, DO, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen PO_4, Sulphate, Chlorine demand, Silica, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Ca, Cr^{+6}, Fe, Mg, K, Na, SAR ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols, Surfactants ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), K, SAR in soil extract, Na, Soil moisture, TKN, Ammonia, Bicarbonate, Ca, Calcium carbonate, Chloride, Exchangeable sodium percentage (ESP), Mg, Mechanical soil analysis, NO_3, NO_2, Potash (available), Sulphate, Sulphur, Total water soluble salt, Water holding capacity
9	M/s R.V. Briggs & Co. Pvt Ltd. 9, Bentinck Street, 1^{st} Floor, Taher Mansion, Kolkata- 700001 Tel : 033-22483661/2698 /7803, 2262 4153/4154 Mobile: 9830067328	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, BaP, Ni, As, Chlorine, Non methane hydro carbon, Methane ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_3 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, NH_3, Chlorine, Fluoride (particulate), Fluoride (gaseous), Hydro chloric acid, Total Hydro carbon, Hydrogen sulphide ***Group-A_4 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Odour, Salinity ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, CO_2, Sulphite, Silica, CN, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Ba, Mn, Se, Ag, Sb, Co, V ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols, Surfactants ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, Faecal Streptococci, E-coli, Total plate counts ***Group-B_6 (Toxicological tests):*** Bio-assay, Measurement of Toxicity factor using Zebra fish

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Sl. No.	Name & address of laboratory	Parameters
		Group-B_9 (Soil/ sludge/sediment and solid wastes): B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, Calorific value, Ca, $CaCO_3$, Chloride, ESP, Heavy metal, Mg, Mechanical soil analysis, Nitrate, Potash (available), Sulphate, Total water soluble salt, Water holding capacity
10	M/s Scientific Research Laboratory 90, Lake East (4th Road), Santoshpur, Jadavpur, Kolkata - 700075 Tel : 033-24161311/2267 Mobile: 9831235355	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, B(a)P, Ni, As, Fluoride (Particulate/Gaseous), Non methane hydro carbon, Methane, VOC ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Acid mist, Ammonia, Fluoride (Particulate), Fluoride (Gaseous), Hydro chloric acid, Hydrogen sulphide, ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Velocity and discharge measurement in industrial effluent, Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, Bromide, Chlorine demand, Sulphite, Silica, CN, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Mn, Se, Ag, Co ***Group-B_4 (Organics- general & trace organics):*** BOD, COD, O&G, Phenols, Organo- chlorine pesticides, Organo-nitrogen-phosphorous pesticides, Surfactants, PAH, Organic carbon (in solid), Carbon/ Nitrogen ratio ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, Faecal Streptococci, E-coli, Total plate count ***Group-B7 (Biological tests):*** Planktonic identification count, Chlorophyll, Primary productivity ***Group-B_8 (Characterization of Hazardous waste):*** Measurement of Heavy metals/ pesticides in the waste ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (ortho), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, Calorific value, NH_3, Bicarbonate, Ca, $CaCO_3$, Chloride, Exchangeable sodium percentage (ESP), Heavy metal, Mg. NO_3, NO_2, PAH, Pesticides, Potash (available), Sulphate, Sulphur, Total water soluble salt, Water holding capacity
11	M/s S. M. Scientific Service 486, Dumdum Park Kolkata-700055 Tel : 033-2590 8629	***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, temperature, O_2 ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin)
		Group-B_1 (Physical tests): Conductivity, pH, TDS, TSS, Turbidity ***Group-B_2 (Inorganic- general and non-metallic):*** Alkalinity, NH_3-N, Chloride, DO, Hardness (Total & Ca), Sulphate, Sulphide ***Group-B_3 (Inorganic- metals):*** Ca, Mg, Cr^{+6}, Fe ***Group-B_4 (Organics- general & trace organics):*** BOD, COD, O&G
12	M/s SGS India Pvt. Ltd. CS Plot No.- 512(P) Mauza - Hanspukuria, Diamond Harbour Road P.O. - Joka, Dist.- South 24 Paraganas, Kolkata- 700104 Tel: 033- 65009355/64996700 Mobile: 9831026305 *Contd...*	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, B(a)P, Ni, As, Chlorine, Fluoride (Particulate/Gaseous), Non methane hydro carbon, Methane ***Group-A_2 (Fugitive Emission):***TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Solar radiation, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Acid mist, Ammonia, Chlorine, Fluoride (Particulate), Fluoride (Gaseous), Hydro chloric acid, Total Hydro Carbon, Hydrogen sulphide, ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement

Sl. No.	*Name & address of laboratory*	*Parameters*
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total & Ca), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phosphate, Sulphate, CO_2, Sulphite, Silica, CN, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Be, Ba, Li, Mn, Se, Ag, Sr, Sn, Sb, Co, V ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols, Organo- chlorine pesticides, Organo-nitrogen-phosphorous pesticides, Surfactants, TOC, PCB's, PAH, Organic Carbon (in solid), Carbon/Nitrogen ratio ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, Faecal Streptococci, E-coli, Total plate count, Enterococcus ***Group-B_6 (Toxicological tests):*** Bio assay ***Group-B_7 (Biological tests):*** Benthic organism identification & count, Planktonic identification count ***Group-B_8 (Characterization of Hazardous waste):*** TCLP, Corrosivity, Toxicity, Measurement of Heavy metals/ pesticides in the waste/leachate ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, NH_3, Bicarbonate, Ca, $CaCO_3$, Chloride, Colour, Exchangeable sodium percentage (ESP), Heavy metal, Mg, Nitrate, Nitrite, PAH, Pesticides, Potash Available, Sulphate, Sulphur,, Total water soluble salt, Water holding capacity
13	M/s Unitech Environmental Services Pvt Ltd,52D/12/1A, Babu Bagan lane, Kolkata-700031, Phone: 9836137247	***Group-B_1 (Physical tests):*** pH, O& G
14	M/s Edward Food Research and Analysis Centre Limited Subhash Nagar, PO-Nilgunj Bazar, Barasat Kolkata -700121 Tel: 033-71122800 Mobile: 8697728802	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, Pb, O_3, Benzene, B(a)P, Ni, As, Chlorine, Fluoride (Particulate/Gaseous), VOC ***Group-A_2 (Fugitive Emission):***TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Acid mist,, , Ammonia, Chlorine, Fluoride (particulate), Fluoride (Gaseous),Hydro chloric acid, Total Hydro carbon, Hydrogen sulphide, Carbon disulphide ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Velocity & discharge measurement of industrial effluent stream, Flocculation test (Jar test), Odour, Salinity, Settleable solids, SVI ***Group-B_2 (Inorganic- general and non-metallic):***Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, DO, Fluoride, Hardness (Total), TKN, NO_2-Nitorogen, NO_3-Nitrogen, Phospahte, Sulphate, Bromide, Carbon dioxide, Chlorine demand, Iodine, Sulphite, Silica, Cyanide, Sulphide ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, SAR, Zn, As, Al, Be, Ba, Li, Mn, Se, Ag, Sr, Sn, Sb, Co, V ***Group-B_4 (Organics- general & trace organics):*** BOD, COD, O&G, Phenols, Organ-chlorine pesticides, Organo-nitrogen-phosphorous pesticides, Total Organic Carbon, Surfactants, Tannin & lignin, PCB's, PAH, Organic Carbon(in solid), Carbon/Nitrogen ratio ***Group-B_5 (Microbiological tests):*** Total Coliform, Faecal Coliform, E-coli, Faecal Streptococci, Total plate count, Enterococcus, Coliphage ***Group-B_6 (Toxicological tests):*** Bio assay ***Group-B_8 (Characterization of Hazardous waste):*** Corrosivity, Ignibility, Reactivity, Toxicity, Measurement of Heavy metals/ pesticides in the waste ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, Cation exchange capacity, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (ortho), Phosphate (total), K, SAR in soil extract, Na, Soil moisture, TKN, Calorific value, NH_3, Bicarbonate, Ca, $CaCO_3$, Chloride, Colour, Exchangeable sodium percentage (ESP), Heavy metal, Mg, Nitrate, Nitrite, PAH, Pesticides, Potash(available), Sulphate, Sulphur, TOC, Total water soluble salt, Water holding capacity

Sl. No.	Name & address of laboratory	Parameters
15	M/s Good Earth Enviro Care S. D. Park, Kusumba, P.O.- Narendrapur Kolkata-700103 Tel: 033-24341105-1107	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, O_3, Pb, Ni, As ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, RH ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, temperature, O_2, Oxides of Nitrogen ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature ***Group-B_2 (Inorganic- general and non-metallic):*** Alkalinity, NH_3-Nitrogen, Chloride, Chlorine residual, DO, Hardness (Total & Ca), TKN, NO_2-N, NO_3-N, Phosphate, Sulphate, Suphite, Silica ***Group-B_3 (Inorganic- metals):*** B, Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Pb, Mg, Hg, Ni, K, Na, Zn, As, Al ***Group-B_4 (Organics- general & trace organics):*** BOD, COD, O&G, Phenols ***Group-B_5 (Microbiological tests):*** Total Coliform, Fecal Coliform, E-coli, Total plate count ***Group-B_8 (Characterization of Hazardous waste):*** Measurement of Heavy metals in the waste/leachate ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** B, EC, Nitrogen available, Organic Carbon/matter (chemical method), pH, Phosphorous (available), Phosphate (total), K, Na, Soil moisture, TKN, NH_3, $CaCO_3$, Chloride, Heavy metal, Potash(available), Sulphate
16	M/s Asansol Mines Board of Health, Court Compound, Katchari Road, P.O.- Asansol Court, Dist- Paschim Bardhaman Phone: 0341-2252227	***Group-B_1 (Physical tests):*** Conductivity, pH
17	M/s Green Vision Urvashi Malhar, Phase II MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Tel : 0343-2542377 Mobile: 9732580459	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3 ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, RH, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, temperature, O_2, Oxides of Nitrogen ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin)
		Group-B_1 (Physical tests): Conductivity, pH, Total solids, TDS, TSS, Turbidity, Temperature ***Group-Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Chloride, Chlorine residual, DO, Hardness (Total & Ca), PO_4, Sulphate, Silica ***Group-B_3 (Inorganic- metals):*** Ca, Cr^{+6}, Fe, Mg, ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G
18	M/S Eco Care Manoj Talkies Basement, Asansol, Burdwan Pin-713304 Tel: 0341-2252011 Mobile: 9434577861	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, O_3 ***Group-A_2 (Fugitive Emission):*** TSPM ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, RH, Rain fall ***Group-A_4 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, temperature, O_2, Oxides of Nitrogen ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement
		Group-B_1 (Physical tests): Conductivity, Colour, pH, Fixed and volatile solids, Total solids, TDS, TSS, Turbidity, Settable solids ***Group-Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, NH_3-N Chloride, Chlorine residual, DO, TKN, Hardness (Total & Ca), NO_2, NO_3, PO_4, Sulphate, Silica ***Group-B_3 (Inorganic- metals):*** Ca, Cr^{+6}, Fe, Mg, K, Na ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G
19	M/s Indicative Consultant India, HPL Link Road, Basudevpur, Khanjanchak, Haldia, Dist- Purba Medinipur, Pin-721602 Tel : 03224-275765 Mobile: 9434017584 *Contd...*	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3, CO, O_3 ***Group-A_3 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Solar radiation, Rain fall ***Group-A_3 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, Temperature, O_2, Oxides of nitrogen, Fluoride (Particulate & Gaseous - only sampling) ***Group-A_4 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement

Sl. No.	Name & address of laboratory	Parameters
		Group-B_1 (Physical tests): Conductivity, pH, Fixed & volatile solids, Total solids, TDS, TSS, Turbidity, Temperature, Salinity ***Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, Ammoniacal nitrogen, Chlorine residual, DO, Hardness (Total & Ca), TKN, NO_2-N, NO_3-N, PO_4, Sulphate, Silica, Sulphide ***Group-B_3 (Inorganic- metals):*** Ca, Cr^{+6}, Fe, Mg, Na, K ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols, Surfactants ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** EC, Nitrogen available, Organic carbon matter (chemical method). pH, Phosphorous (available), Phosphate (ortho), Phosphate (total), K, Na, SAR in soil extract, Soil moisture, TKN, NH_3, Calcium, Chloride, Magnesium, Nitrate, Nitrite, Potash (available), Sulphate, Total water soluble salt, Water holding capacity
20	M/s Quality Control Laboratory, PO: Haldia Oil Refinery, Dist: Purba Medinipur, Pin- 721606	***Group-B_1 (Water & waste water):*** Conductivity, pH, TDS, TSS, Turbidity, Temperature ***Group-B_2 (Inorganic- general and non-metallic):*** Alkalinity, Chloride, DO, Hardness (Total & Ca), Phosphate, Silica, CN, Sulphide ***Group-B_4 (Organics – general & trace organics):*** BOD, COD, O&G, Phenols
21	M/s West Bengal Waste Management Limited (A division of Ramky Enviro Engineers Ltd) J. L. No. -103, Mouza - Purba Srikrishna Pur, P.S.- Sutahata, Haldia, Dist. -Purba Midnapur, Pin- 721635 Tel: 03224-278238/239 Mobile: 9002131013	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10}, $PM_{2.5}$, NH_3 ***Group-A_5 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin) ***Group-B_1 (Physical tests):*** Conductivity, pH, Total solids, TDS, TSS, Turbidity, Temperature, Settleable solids, SVI ***Group-Group-B_2 (Inorganic- general and non-metallic):*** Acidity, Alkalinity, NH_3-N Chloride, Chlorine residual, DO, Hardness (Total & Ca), TKN, NO_3-N, NO_2-N, Sulphate ***Group-B_3 (Inorganic- metals):*** Cd, Ca, Cr (Total), Cr^{+6}, Cu, Fe, Mg, Ni, K, Na, Zn, Mn ***Group-B_4 (Organics- general & trace organics):*** BOD, COD, O&G, Phenols, TOC, C/Nitrogen ratio ***Group-B_8 (Characterization of Hazardous waste):*** Measurement of Heavy metals in the waste/leachate ***Group-B_9 (Soil/ sludge/sediment and solid wastes):*** EC, pH, Phosphorous (ortho), K, Na, Soil moisture, TKN, Calorific value, NH_3, Nitrite, Nitrate, Sulphur, TOC, Total water soluble salts
22	M/s Fresh Environment Consultancy,123, R. N. Tagore Road, Berhampore, Murshidabad Pin-742101 Tel: 03482-263887 Mobile: 9434854411	***Group-A_1 (Ambient air):*** NO_2, SO_2, PM_{10} ***Group-A_2 (Meteorological monitoring):*** Ambient temperature, Wind direction, Wind speed, Relative humidity, Rain fall ***Group-A_3 (Stack gas/ source emission):*** Particulate Matter, SO_2, Velocity & flow, CO_2, CO, temperature, Oxides of Nitrogen ***Group-A_4 (Noise monitoring):*** Ambient Noise (Leq, Lmax, Lmin), Noise source measurement

The recognition may be revoked, withdrawn or suspended apart from invoking other legal proceedings under extant laws in case of violation of the following terms & conditions:

a) Any change of address or change of laboratory facilities should be informed to the State Board within fifteen (15) days of closure of activity at the address at which recognition is awarded.
b) Information on any kinship or any relation of any laboratory owner with any Board employee must be disclosed to the State Board.
c) If it is found that the concerned laboratory is not equipped with proper facilities and infrastructure to execute the test/analysis.
d) In case of any other activity unlawful under the law of the land, recognition may also be withdrawn.

This order has been issued as per the approval of competent authority.

Member Secretary
WBPCB