

F.No.15018/21/2018-CPW  
Government of India  
Ministry of Environment, Forest and Climate Change  
(CP Division)

Agni-233, Indira Paryavaran Bhavan,  
Jor Bagh Road,  
New Delhi – 110 003.  
Dated, the 9<sup>th</sup> May ,2019

To

**M/s SMS Labs Services Private Limited**  
**39/6, Thiruvallur High Road**  
**Puduchatram Post, Thirumazhisal Via**  
**Poonamallee Tk, Chennai-600124**

**Subject:** - Recognition of M/s SMS Labs Services Private Limited, 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisal Via, Poonamallee Tk, Chennai-600124 as Environmental Laboratory under the Environment (Protection) Act. 1986.

Sir,

I am directed to refer to your application dated 17.01.2018 for recognition of your laboratory under Environment (Protection) Act, 1986. Based on the recommendations of the Expert Committee for Recognition of Environmental Laboratories in its 59<sup>th</sup> meeting held on 22<sup>nd</sup> April, 2019 and your acceptance of the revised terms and conditions at Annexure-III & IV of the Guidelines for recognition of Environmental Laboratories, this Ministry approves the recognition of M/s SMS Labs Services Private Limited, 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisal Via, Poonamallee Tk, Chennai-600124 for five years, as shall be notified in the Gazette of India.

2. As sought in your aforementioned application M/s SMS Labs Services Private Limited, Chennai may undertake the following tests:

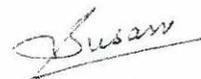
- i. **Physical Tests:** Conductivity, Colour, pH, Fixed & volatile solids, Total solids, Total dissolved solids, Total suspended solids, Turbidity, Temperature, Velocity & discharge measurement of industrial effluent stream, Odour, Salinity, Settleable solids and Sludge volume index.
- ii. **Inorganic (General & Non-metallic):** Acidity, Alkalinity, Ammonical nitrogen, Chloride, Chlorine residual, Dissolved oxygen, Fluoride, Total hardness, Total kjehldal nitrogen (TKN), Nitrite nitrogen, Nitrate nitrogen, Phosphate, Sulphate, Carbon dioxide, Sulphite, Silica, Cyanide and Sulphide.
- iii. **Inorganic (Trace metals):** Boron, Cadmium, Calcium, Chromium Total, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium absorption ratio, Zinc, Arsenic, Aluminium, Beryllium, Barium, Manganese, Selenium, Silver and Antimony.
- iv. **Organics (General) and Trace Organics:** Bio-chemical oxygen demand (BOD), Chemical oxygen demand (COD), Oil & grease, Phenol, Pesticide (Organo-chlorine, Organo nitrogen-phosphorous), Total organic carbon (TOC), Surfactants, Poly-Chlorinated biphenyl (PCB's) Each, Polynuclear aromatic hydrocarbon (PAH) each, Organic Carbon (in solid) and Carbon/Nitrogen ratio.
- v. **Microbiological:** Total coliform, Faecal Coliform, Faecal streptococci, E. coli, Total Plate Count and Enterococcus.
- vi. **Toxicological Tests:** Bioassay method for evaluation of toxicity using fish after 96 hrs., Measurement of toxicity using Daphnia or other organism and Measurement of toxicity factor using zebra fish.
- vii. **Biological Tests:** Benthic organism identification and Count, Macrophytic identification and Planktonic identification count.
- viii. **Hazardous Waste:** Preparation of leachate (TCLP extract/water extract), Corrosivity, Ignibility (Flash Point), Reactivity, Toxicity and Measurement of heavy metals/ pesticides in the waste/leachate.
- ix. **Soil/ Sludge/ Sediment and Solid Waste:** Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen available, Organic carbon/ matter (chemical method), PH, Phosphorous (available), Phosphate (ortho), Phosphate (total), Potassium, SAR in soil extract, Sodium, Soil moisture, TKN, Chloride, Ammonia, Bicarbonate, Calcium, Sulphate, Magnesium, Zinc, Iron, Manganese, Copper, Lead, Cadmium, Chromium, Nickel, Barium, Strontium, Barium, Selenium, Silver, Antimony, Arsenic, Boron, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium absorption ratio, Zinc, Arsenic, Aluminium, Beryllium, Barium, Manganese, Selenium, Silver and Antimony.

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Magnesium, Nitrate, Nitrite, PAH, Pesticide, Sulphate, TOC, Total water-soluble salt and Water holding capacity.

- x. **Ambient Air/ Fugitive Emissions:** Nitrogen dioxide as NO<sub>2</sub>, Sulphur dioxide (SO<sub>2</sub>), Total suspended particulate matter, Respirable suspended particulate matter (PM<sub>10</sub>), Ammonia, Carbon monoxide, Fluoride, Non methane hydrocarbon, Lead, Ozone, Benzene Toluene Xylene (BTX), Polycyclic aromatic hydrocarbon (PAH) Benzo-a-pyrene & Other, PM<sub>2.5</sub> and Volatile Organics Carbon.
  - xi. **Stack Gases/ Source Emission:** Particulate matter, Sulphur dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of nitrogen, Acid mist, Ammonia, Fluoride (Particulate), Fluoride (Gaseous), Hydro-Chloric acid.
  - xii. **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient noise & source specific noise.
  - xiii. **Meteorological:** Ambient temperature, Wind direction, Wind speed, Relative Humidity, Solar radiation and Rain fall.
3. Further, the following analysts have been approved for recognition as Government Analysts.
    - (i) Dr. K.Thulasi Raman
    - (ii) Mr. K. Elakkiyathan
    - (iii) Mr. R. Iyappan
  4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) exercise conducted by the Central Pollution Control Board (CPCB) at least once a year to ascertain the capability of the laboratory and analyses carried out and shall submit quarterly progress reports to this Ministry.
  5. Periodic surveillance of the recognized environmental laboratory will be undertaken by this Ministry/ CPCB to assess its proper functioning, systematic operation and reliability of data generated at the laboratory.
  6. It is also mandatory for the laboratory to have requisite accreditations of the NABL/ ISO 9001 and OHSAS and its renewal as per accreditation rules. Permission in para 2 above is subject to such accreditations and renewal, as applicable.
  7. The laboratory should compulsorily follow the accepted Terms & Conditions. In case of serious non-compliance of any of the Terms and Conditions, the laboratory may be black-listed for a minimum period of two years and civil/ criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.

Yours faithfully,



(Dr. Susan George K.)  
Scientist 'D'

Tel. No. 011-24695327  
Email: susan.george@nic.in

Copy to:

1. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032.
2. Member Secretary, Tamil Nadu Pollution Control Board (TNPCB), 76 Anna Salai, Guindy, Chennai-600032
3. Additional Principal Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1<sup>st</sup> and 2<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-34.
4. Director, IT Division, MoEF&CC, New Delhi-110003: for uploading on MoEF&CC website

F.No.15018/40/2018-CPW  
Government of India  
Ministry of Environment, Forest and Climate Change  
(CP Division)

Agni-233, Indira Paryavaran Bhavan,  
Jor Bagh Road,  
New Delhi – 110 003.  
Dated: 9<sup>th</sup> May ,2019

To

**M/s Green Enviro**  
**Sr. No.45A/1-4A/4**  
**Parshuram, Eliphiston Road**  
**Bopodi, Pune -411003**  
**Maharashtra**

**Subject: -** Recognition of M/s Green Enviro, Sr. No. 45A/1-4A/4, “Parshuram” Eliphiston Road, Bopodi, Pune-411003, Maharashtra as Environmental Laboratory under the Environment (Protection) Act. 1986.

Sir,

I am directed to refer to your application dated:13.07.2018 for recognition of your laboratory under Environment (Protection) Act, 1986. Based on the recommendations of the Expert Committee for Recognition of Environmental Laboratories in its 58<sup>th</sup> meeting held on 26<sup>th</sup> March, 2019 & 59<sup>th</sup> Meeting held on 22<sup>nd</sup> April, 2019 and your acceptance of the revised terms and conditions at Annexure-III & IV of the Guidelines for recognition of Environmental Laboratories, this Ministry approves the recognition of M/s Green Enviro, Sr. No. 45A/1-4A/4, “Parshuram” Eliphiston Road, Bopodi, Pune-411003, Maharashtra for five years, as shall be notified in the Gazette of India.

2. As sought in your aforementioned application M/s Green Enviro, Pune may undertake the following tests:
- i. **Physical Tests:** Conductivity, Colour, pH, Fixed & volatile solids, Total solids, Total dissolved solids, Total suspended solids, Turbidity, Temperature, Velocity & discharge measurement of industrial effluent stream, Flocculation test (Jar Test), Salinity and Settleable solids.
  - ii. **Inorganic (General & Non-metallic):** Acidity, Alkalinity, Ammonical nitrogen, Chloride, Chlorine residual, Dissolved oxygen, Fluoride, Total hardness, Total kjehldal nitrogen (TKN), Nitrite nitrogen, Nitrate nitrogen, Phosphate, Sulphate, Carbon dioxide, Chlorine demand, Iodine and Sulphite.
  - iii. **Inorganic (Trace metals):** Boron, Cadmium, Calcium, Chromium Total, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium absorption ratio, Zinc, Arsenic, Aluminium, Manganese and Tin.
  - iv. **Organics (General) and Trace Organics:** Bio-chemical oxygen demand (BOD), Chemical oxygen demand (COD), Oil & grease, Phenol, Pesticide ((Organo-chlorine, Organo nitrogen-phosphorous), Surfactants, Tannin & lignin, Organic Carbon ( in Solid).
  - v. **Microbiological:** Total coliform, Faecal Coliform, Faecal streptococci, E. coli and Total Plate Count
  - vi. **Toxicological Tests:** Bioassay method for evaluation of toxicity using fish after 96 hrs and Measurement of toxicity factor using Zebra fish.
  - vii. **Biological Tests:** Planktonic identification count, Chlorophyll and Primary productivity.
  - viii. **Hazardous Waste:** Preparation of Leachate (TCLP extract/water extract), Corrosivity, Ignibility (Flash Point), Measurement of heavy metals/pesticides in the waste/leachate.
  - ix. **Soil/ Sludge/ Sediment and Solid Waste:** Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen available, Organic carbon/ matter (chemical method), pH, Phosphorous (available), Phosphate (ortho), Phosphate (total), Potassium, SAR in soil extract, Sodim, Soil moisture, TKN, Calorific Value, Ammonia, Calcium, Calcium carbonate, Chloride, Colour, Heavy metal, Magnesium., Nitrate, Potash (available), Sulphate and Water holding capacity.
  - x. **Ambient Air/ Fugitive Emissions:** Nitrogen dioxide as NO<sub>2</sub>, Sulphur dioxide (SO<sub>2</sub>), Total suspended particulate matter, Respirable suspended particulate matter, Ammonia, Carbon monoxide, Lead, Ozone, Benzene Toluene Xylene (BTX), Polycyclic aromatic hydrocarbon (PAH) Benzo-a-pyrine & others and PM<sub>2.5</sub>.

xi. **Stack Gases/ Source Emission:** Particulate matter, Sulphur dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of nitrogen, Acid mist, Ammonia, Hydro Chloric acid, Hydrogen Sulphide and Mercaptan.

xii. **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient noise & source specific noise.

xiii. **Meteorological:** Ambient temperature, Wind direction, Wind speed, Relative Humidity and Rain fall.

3. Further, the following analysts have been approved for recognition as Government Analysts.

- (i) Mrs. Kanchan Prashant Rhotole
- (ii) Mrs. Swati Manoj Joshi
- (iii) Mr. Vinay Ramchandra Govande

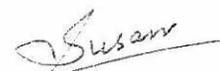
4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) exercise conducted by the Central Pollution Control Board (CPCB) at least once a year to ascertain the capability of the laboratory and analyses carried out and shall submit quarterly progress reports to this Ministry.

5. Periodic surveillance of the recognized environmental laboratory will be undertaken by this Ministry/ CPCB to assess its proper functioning, systematic operation and reliability of data generated at the laboratory.

6. It is also mandatory for the laboratory to have requisite accreditations of the NABL/ ISO 9001 and OHSAS and its renewal as per accreditation rules. Permission in para 2 above is subject to such accreditations and renewal, as applicable.

7. The laboratory should compulsorily follow the accepted Terms & Conditions. In case of serious non-compliance of any of the Terms and Conditions, the laboratory may be black-listed for a minimum period of two years and civil/ criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.

Yours faithfully,



(Dr. Susan George K.)  
Scientist 'D'

Tel. No. 011-24695327

Email: susan.george@nic.in

Copy to:

1. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032.
2. Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Rd Number 8, Jay Bharat Mata Nagar, Air Force Quarters, Sion, Mumbai, Maharashtra 400022
3. Additional Principal Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur-440001.
- ✓ 4. Director, IT Division, MoEF&CC, New Delhi-110003: for uploading on MoEF&CC website