National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8080 **Page No** 1 of 7

Validity 27/10/2021 to 26/10/2023 **Last Amended on** 16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Ammonia	GEEC/SOP/03 (Issue No.: 04) (Issue Month : 06) (Issue Date : 14)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Arsenic	GEEC/SOP/03 (Issue No : 04) (Issue Month : 06) (Issue Date : 14)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Benzene	GEEC/SOP/03 (Issue No.: 04) (Issue Month : 06) (Issue date : 14)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Benzo(a)pyrene	GEEC/SOP/03 (Issue No.: 04) (Issue Month:06) (Issue Date : 14)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Lead	GEEC/SOP/03 (Issue No.: 04) (Issue Month : 06) (Issue Date : 14)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Nickle	GEEC/SOP/03 (Issue No : 04) (Issue Month : 06) (Issue Date : 14)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Nitrogen dioxide (NO2)	IS 5182 (Part-6)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Ozone	IS 5182 (Part-9)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	PM 2.5	GEEC/SOP/03 (Issue No.:04) (issue month :06) (Date : 14)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	PM-10	IS 5182 (Part -23)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Air Monitoring	Sulphur dioxide (SO2)	IS 5182 (Part-2)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Monitoring	Noise Emitted by Machines	IS 4758
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Carbon dioxide	IS 13270
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Carbon monooxide	IS 13270
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Oxides of Nitrogen	IS 11255-7
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Oxygen	IS 13270

SCOPE OF ACCREDITATION

Laboratory Name : GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8080 **Page No** 2 of 7

Validity 27/10/2021 to 26/10/2023 **Last Amended on** 16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Particulate Matter	IS 11255 (Part-1)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Sulphur dioxide	IS 11255 (Part -2)
19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Acidity as CaCO3	APHA (23rd Edition) (2310 B)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Ammonical Nitrogen	APHA (23rd Edition) (4500 NH3 - F)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Arsenic (As)	APHA (23rd Edition) (3114)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part -44)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Boron (B)	APHA (23rd Edition) (4500 B , C)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Cadmium (Cd)	APHA (23rd Edition) (3111B)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Calcium (Ca)	APHA (23rd Edition) (3500 Ca - B)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Chemical Oxygen Demand (COD)	APHA (23rd Edition) (5220 B) ,IS 3025 (Part -58)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Chloride	APHA (23rd Edition) (4500 Cl- B)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Chromium (Cr +6)	APHA (23rd Edition)(3500 Cr, B)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Chromium (Cr) Total	APHA (23rd Edition) (3500 Cr, B)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Conductivity	APHA (23rd Edition) (2510 B)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Copper (Cu)	APHA (23rd Edition) (3011 B)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Cyanide (Titrimetric)	APHA (23rd Edition) (4500 CN- E)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Dissolved Oxygen	APHA (23rd Edition) (4500- O - C)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Fixed Solids	APHA (23rd Edition) (2840 E)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Floride	APHA (23rd Edition)(4500F-D)

SCOPE OF ACCREDITATION

Laboratory Name : GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8080 **Page No** 3 of 7

Validity 27/10/2021 to 26/10/2023 **Last Amended on** 16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
36	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Iron (Fe)	APHA (23rd Edition) (3500 Fe , B)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Lead (Pb)	APHA (23rd Edition) (3011 B)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Magnesium (Mg)	APHA (23rd Edition) (3500-Mg, B)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Mercury (Hg)	APHA (23rd Edition) (3112 B)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Nickle (Ni)	APHA (23rd Edition) (3111 B)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Nitrate - Nitrogen	APHA (23rd Edition) (4500 NO3 - E)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Nitrite -Nitrogen	APHA (23rd Edition) (4500 NO2 -B)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Oil and Grease	APHA (23rd Edition) (5520 B)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	pH	APHA (23rd Edition) (4500H+B)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Phenol	APHA (23rd Edition) (5530 D)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Phosphate	APHA (23rd Edition) (4500 P ,D)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Potassium (K)	APHA (23rd Edition)(3500 K ,B)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Silica	APHA (23rd Edition) (4500 SiO2 -C)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Sodium (Na)	APHA (23rd Edition) (3500 Na - B)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Sulphate	APHA (23rd Edition) (4500 SO4 = E)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Sulphide	APHA (23rd Edition) (4500 S = -F)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Temparature	APHA (23rd Edition) (2550 B)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Alkalinity	APHA (23rd Edition) (2320 B)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Dissolved Solids	APHA (23rd Edition) (2540 C)

SCOPE OF ACCREDITATION

Laboratory Name : GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8080 **Page No** 4 of 7

Validity 27/10/2021 to 26/10/2023 **Last Amended on** 16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Hardness	APHA (23rd Edition) (2340 C)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Kjeldhal Nitrogen (TKN)	APHA (23rd Edition) (4500 N org -B)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Suspended Solids	APHA (23rd Edition) (2540 D)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Turbidity	APHA (23rd Edition) (2130 B)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Volatile Solids	APHA (23rd Edition) (2840E)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Zinc (Zn)	APHA (23rd Edition) (3111 B)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Arsenic	APHA ,23rd Edition(3030E & 3114)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron (B)	APHA (23rd Edition) (3030 E & 4500 B,C)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cadmium	APHA 23rd Edition(3030E&3111B))
64	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chromium (Total)	APHA 23rd Edition(3030E&3500 Cr B)))
65	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper	APHA 23rd Edition(3030E&3011B)))
66	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Lead	APHA 23rd Edition(3030E&3111B))
67	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Mercury (Hg)	APHA (23rd Edition) (3030 E & 3112 B)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nickle	APHA 23rd Edition(3030E&3111B))
69	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon / Matter	IS 2720 (Part -22)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part -26)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium	APHA 23rd Edition(3030E&3500K,B)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium	APHA 23rd Edition(3030E&3500 Na, B)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Specific Electrical Conductivity	IS 14767

SCOPE OF ACCREDITATION

Laboratory Name : GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8080 **Page No** 5 of 7

Validity 27/10/2021 to 26/10/2023 **Last Amended on** 16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
74	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kheldhal Nitrogen (TKN)	IS 14684
75	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 (Part -2)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc	APHA 23rd Edition(3030E&3111B)
77	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Aldrin	APHA ,23 rd Edition (6630B)
78	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Butachlore	APHA ,23 rd Edition(6630B)
79	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	4,4,DDT	APHA 23 rd Edition (6630B)
80	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Alachore	APHA ,23 rd Edition(6630B)
81	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Alpha Endosulphan.	APHA ,23 rd Edition(6630B)
82	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Dieldrin	APHA,23 rd Edition(6630B)
83	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Malathion	APHA ,23 rd Edition(6630B)
84	CHEMICAL- RESIDUES IN WATER	Potable ,Domestic, Bore Well ,Drinking Water, Irrigation Water and Saline Water.	Parathion Methyl	APHA,23rd Edition(6630B)
85	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Acidity as CaCO3	APHA (23rd Edition) (2310B)
86	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Ammonical Nitrogen	APHA (23rd Edition) (4500 NH3 F)
87	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Arsenic (As)	APHA (23rd Edition) (3114)
88	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part -44)
89	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Boron (B)	APHA (23rd Edition) (4500 -B ,C))
90	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Cadmium (Cd)	APHA (23rd Edition) (3111 B)
91	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Calcium (Ca)	APHA (23rd Edition) (3500 Ca, B)
92	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Chemical Oxygen Demand	APHA (23rd Edition) (5220 ,B) , IS 3025 (Part -58)
93	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Chloride	APHA (23rd Edition) (4500 Cl-B)

SCOPE OF ACCREDITATION

Laboratory Name :	GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8080	**Page No**	6 of 7
Validity	27/10/2021 to 26/10/2023	**Last Amended on**	16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
94	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Chromium (Cr +6)	APHA (23rd Edition) (3500-Cr-B)
95	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Chromium (Cr), Total	APHA (23rd Edition)(3500-Cr, B)
96	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Conductivity	APHA (23rd Edn) (2510 B)
97	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Copper (Cu)	APHA (23rd Edition)(3011-B)
98	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Cyanide (Colorimetric)	APHA (23rd Edition) (4500 CN-E)
99	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Cyanide (Titrimetric)	APHA (23rd Edition) (4500-CN-E)
100	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Dissolved Oxygen	APHA (23rd Edition) (4500-O-C)
101	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Fixed Solids	APHA (23rd Edition) (2840E)
102	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Flouride	APHA (23rd Edition) (4500-F-D)
103	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Iron (Fe)	APHA (23rd Edition) (3500 Fe,B)
104	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Lead	APHA (23rd Edition) (3011B)
105	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Magnesium (Mg)	APHA (23rd Edition)(3500-Mg ,B)
106	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Mercury (Hg)	APHA (23rd Edition) (3112 B)
107	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Nickle (Ni)	APHA (23rd Edition) (3111B)
108	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Nitrate-Nitrogen	APHA (23rd Edition) (4500 NO3-E)
109	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Nitrite - Nitrogen	APHA (23rd Edition) (4500 - NO2-B)
110	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Oil and Grease	APHA (23rd Edition) (5520 , B)
111	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	pH	APHA (23rd Edn) (4500-H+B)
112	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Phenol	APHA (23rd Edition) (5530 D)
113	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Phosphate	APHA (23rd Edition) (4500 P-D)
114	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Potassium (K)	APHA (23rd Edition) (3500 K,B)
115	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Silica	APHA (23rd Edition) (4500 SiO2-C)

SCOPE OF ACCREDITATION

Laboratory Name : GOOD EARTH ENVIRO CARE, 306, S.D.PARK, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8080 **Page No** 7 of 7

Validity 27/10/2021 to 26/10/2023 **Last Amended on** 16/11/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
116	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Sodium (Na)	APHA (23rd Edition) (3500 Na, B)
117	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Sulphate	APHA (23rd Edition) (4500-SO4= E)
118	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Sulphide	APHA, (23rd Edition) (4500 S=,F)
119	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Temparature	APHA (23rd Edition) (2550 B)
120	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Total Alkalinity	APHA (23rd Edition) (2320 B)
121	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Total Dissolved Solids	APHA (23rd Edition) (2540 C)
122	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Total Hardness	APHA (23rd Edition) (2340 C)
123	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Total Kjedahl Nitrogen (TKN)	APHA (23rd Edition) (4500 Norg-B)
124	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Total Suspended Solids	APHA (23rd Edition) (2540B)
125	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Turbidity	APHA (23rd Edition) (2130 B)
126	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Volatile Solids	APHA (23rd Edn) (2840E)
127	CHEMICAL- WATER	Potable,Domestic,Bore Well and Saline Water	Zinc (Zn)	APHA (23rd Edition) (3111, B)