List of Parameters

Air (NABL approved)			
Sr No	**Ambient and work space**	**Stack gasses**	**Noise**
1	Oxides of Nitrogen (NOx)	Suspended particulate matter (SPM)	Noise
2	Sulphur Dioxide (SO_2)	Sulphur dioxide (SO_2)	
3	Particulate matter (PM_{10})		
4	Particulate matter ($PM_{2.5}$)		

Water and Wastewater			
Sr.No.	**Water (NABL approved)**	**WW (NABL approved)**	**Not under NABL for Water and WW**
1	pH at 25 ^{O}C	pH at 25 ^{O}C	Brix
2	Electrical Conductivity	Electrical Conductivity	Specific Gravity
3	Color	Color	Sulphite
4	Temperature	Temperature	Volatile Acids
5	Total dissolved solids	Total dissolved solids	Turbidity
6	Total suspended solids	Total suspended solids	Odour
7	Total solids	Total solids	Sulfide
8	Volatile solids	Volatile solids	Fecal Coliform
9	Fixed solids	Fixed solids	Most Probable Number (MPN)
10	Dissolved Oxygen	Dissolved Oxygen	Total viable count
11	Residual Chlorine	Residual Chlorine	
12	Total Alkalinity as $CaCO_3$	Total Alkalinity as $CaCO_3$	
13	Carbonate Alkalinity	Carbonate Alkalinity	
14	Bicarbonate Alkalinity	Bicarbonate Alkalinity	
15	Total Hardness (Total)	Total Hardness (Total)	
16	Acidity	Acidity	
17	Calcium as Ca	Calcium as Ca	
18	Magnesium as Mg	Magnesium as Mg	
19	Sodium(Na)	Sodium(Na)	

20	Potassium(K)	Potassium(K)		
21	Chloride as Cl	Chloride as Cl		
22	Sulphate as SO_4	Sulphate as SO_4		
23	Fluoride as F	Fluoride as F		
24	Phosphorus as P	Phosphorus as P		
25	Silica(Total)	Silica(Total)		
26	Chemical Oxygen Demand (COD)	Chemical Oxygen Demand (COD)		
27	Biochemical Oxygen Demand (BOD) at $27^{O}C$	Biochemical Oxygen Demand (BOD) at $27^{O}C$		
28	Kjeldahl Nitrogen as N	Kjeldahl Nitrogen as N		
29	Ammonia (NH_3)	Ammonia (NH_3)		
30	Nitrate nitrogen as NO_3	Nitrate nitrogen as NO_3		
31	Nitrite nitrogen as NO_2	Nitrite nitrogen as NO_2		
32	Cadmium (Cd)	Cadmium (Cd)		
33	Lead(Pb)	Lead(Pb)		
34	Copper(Cu)	Copper(Cu)		
35	Zinc(Zn)	Zinc(Zn)		
36	Manganese(Mn)	Manganese(Mn)		
37	Chromium(Cr)	Chromium(Cr)		
38	Nickel(Ni)	Nickel(Ni)		
39	Iron(Fe)	Iron(Fe)		
40	P-alkalinity	P-alkalinity		
41	M-alkalinity	M-alkalinity		
42		Oil and grease		

Soil, Solid Waste including compost and Sludge/slurry				
Sr No.	**Solid waste/Compost/ Sludge/slurry**	**Soil**	**Not under NABL for Soil and Solid Waste**	
			Soil	**Solid waste/ Compost/ Sludge/slurry**
1	pH	pH	Na	Volatile solids

2	Electrical Conductivity	Electrical Conductivity	Chlorides	Gross calorific value
3	Moisture	Moisture	Particle size	Calcium
4	Total Nitrogen	Available Nitrogen	C/N ratio	Magnesium
5	Total Potassium	Total Potassium	Bulk density	volatile matter
6	Phosphorus as P/P_2O_5	Available Phosphorus		Sulphate
7	Manganese	Manganese		Total solids
8	Zinc	Zinc		Particle size
9	Iron	Iron		
10	Copper	Copper		
11	Nickel	Cation ion exchange capacity		
12	Chromium	Available micronutrients		
13	Lead			
14	Cadmium			
15	C/N ratio			
16	Total Organic Carbon			
17	Total Organic Matter			
18	Total Kjeldahl Nitrogen			
19	Total phosphate as PO_4			

***Note: In case of any query please contact the laboratory 020-26902345**