42. Total organic carbon C. Noise Parameter

44. Silicate acid test, Si

45. Fluoride

46. Ammonia

43. Manganese

47. Mercury

48. Aluminium

49. Phosphate

50. Lead

51. Nitrate

# **B.Air Quality Parameter**

1. SPM

2. SO2

3. PM10

4. NO2

5. PM2.5

6. CO

7. VOC

8.03







Noise Level (dBA)

## D. Vibration Parameter Vibration Level (mm/s)

# E. Soil Quality Parameter

1. pH

2. Total Mercury (T-Hg)

3. Total Sulphur (T-S)

4. Total Cyanides (CN)

5. NH4+

6. Chromium (Cr & Cr+6)

7. Total Nitrogen (T-N)

8. Lead (Pb)

9. Total Phosphorus (T-P)

10. Arsenic (As)

11. Cadmium (Cd)

12. Polychloro biphenyl (PCB)

13. Copper (Cu)

14. Zinc (Zn)







Photo: Ourlaboratory arrangement

# **Our Clients**

company successfully worked Our with Government Approved Economic Zone Sites governed by BEZA. We are also involved with other private economic zones as well as development infrastructure projects. footprint also exists in the industrial sector as well as different government and private organisations to assist them in achieving environmental soundness for their works.























Assuring freedom of action and choice while providing the optimum solutions for each project, BEETLSL maintains a core organizational value. To build customer confidence and ensure strategic and technical assistance, commitment, effort, and accountability are all crucial qualities that cannot be overlooked by us.

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# Bangladesh **Environmental Engineering Training &** Lab Services Ltd.



# About us:

Bangladesh Environmental Engineering Training and Lab Services Limited (BEETLSL) has emerged as one of the top environmental labs and consulting firms in Bangladesh. organizational structure of BEETLSL has been kept to serve customers and the community by providing professional excellence and innovation. From the beginning, BEETLSL is focusing on sustainable consulting services to make sure that the nature and environment of Bangladesh can remain healthy for future generations. We always follow the national and international environmental standards for monitoring and consultation services and for the lab services we maintain updated methods and equipment to get the best results.



Our mission is to be the leading environmental lab and provide the best environmental Services to clients by ensuring environmental sustainability



BEETLSL is focused on accomplishing an environmentfriendly nation by following the government's rules and regulations. Our country is blessed with natural resources and in recent times numerous developing projects are being taken where a proper in-depth environmental analysis mandatory. BEETLSL is fully determined to secure the environment and at the same time help the developer by offering the best environmental amenities so that Bangladesh can be a role model of green development.



Bangladesh Environmental Engineering Training & Lab Services Ltd. (BEETLSL) offers a wide range of advanced laboratory platforms to meet the most challenging environmental missions which provide essential support to consultants, program managers, regulators, health & safety professionals and research teams.

# 1. Environmental Testing and Monitoring Services:

- Water Quality Test and Monitoring
   -Groundwater, surface water and wastewater.
  - Air Quality Test and Monitoring -Ambient Air Quality
- Ambient Noise Level Test and Monitoring
  - Soil Quality Analysis
  - · Vibration test and monitoring













Photo: Our team involving with the environmental quality survey on different projects

### 2. Environmental Consultancy Services

- Initial Environmental Examination (IEE)
- •Environmental & Social Impact Assessment (EIA)/ (ESIA)
- •Environmental Management Plan (EMP)
- Environmental Management System (EMS)
  - Environmental Health & Safety (EHS)

    Management
- Hazardous Chemical Management Plan
   (CMP)
  - · Waste Management Plan
- Corrective Environmental Action Plan
   (CEAP)

# 3. Training

•HSE management, Waste management, EMS

# 4. Laboratory facilities

BEETLSL is a well-equipped environmental laboratory with the best facility for examining all kinds of water, noise and air quality Parameters. There is a well-experienced and dedicated lab analyst team who are responsible for performing the following lab test according to the client and project demand. We also help other organizations to establish environmental labs as we are connected with relevant organizations.

### **A.Water Quality Parameters**

- 1. pH
- 2. Boron
- 3. Temperature
- 4. Zinc
- 5. Total Dissolved Solids (TDS)
- 6. Titanium
- 7. Total Suspended Solids (TSS)
- 8. Sulphide
- 9. BOD5
- 10. Sodium
- 11. COD
- 12. Silver
- 13. DO
- 14. Potassium
- 15. EC
- 16. Phosphate
- 17. Turbidity
- 18. Phenolic Compounds
- 19. Arsenic
- 20. Odour
- 21. Total and faecal Coliform
- 22. Nitrite
- 23. Oil & Grease
- 24. Cyanide
- 25. Total Hardness as CaCO3
- 26. Copper
- 27. Total Alkalinity
- 28. Chloride
- 29. Calcium
- 30. Aluminium
- 31. Magnesium
- 32. Zooplankton
- 33. Sulfate (SO4)
- 34. Total Alkalinity
- 35. Nickel
- 36. Total Phosphorus
- 37. Cadmium
- 38. Total Nitrogen
- 39. Chromium
- 40. Chlorine
- 41. Total Iron (Fe)