



7.1.3 SUMMARY SHEET

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- *Solid waste management*
- *Liquid waste management*
- *Biomedical waste management*
- *E-waste management*
- *Waste recycling system*
- *Hazardous chemicals and radioactive waste management*

A) LIQUID WASTE MANAGEMENT:

It is Package Modular Type Sewage Treatment Plant (STP) of having a capacity of 110 M³/day. The total sewage is treated in a Biological Treatment Plant based on high efficiency modified aerobic activated sludge system using extended aeration process. Treated sewage from the Biological Treatment Plant & Tertiary treatment is being kept low in BOD (less than 15 mg/lit.) and meet the requirements of the State Pollution Control Board and the same can be used for landscaping and other purpose.

B) WASTE RECYCLING SYSTEM:

Sludge generated from the proposed biological treatment will be stored in the Sludge Holding Tank. Supernatant liquid from SHT will be fed to Equalisation Tank during lean inflow. Rest of the stabilized sludge is dewatered through Fitter-press. The dried sludge is utilized as fertilizer for landscape, gardening or periodically disposed off through solid handling system.

C) SOLID WASTE MANAGEMENT:

The institute has arranged a garbage vat from Kolkata Municipal Corporation for solid waste material management with vehicular movement for collection of garbage.

Additional requirements:

| <i>File Description</i> | <i>Documents</i> |
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| Relevant documents like agreements/MoUs with Government and other approved agencies | View Document |
| Geotagged photographs of the facilities | View File |
| Any other relevant information | Reports of the Facilities Permission From Govt. Bills for Maintenance of Facilities |

