

7.1.4

Response:

SDCRI follows standard guidelines for management of degradable and non-degradable waste mentioned as under:

Solid waste management

Solid waste is managed as per Solid Waste Management Rules, 2016. At SDCRI campus, solid waste is collected as per standard protocol and segregated into biodegradable and non-biodegradable waste. The waste is collected by the local Municipal Corporation for safe disposal.

Liquid waste management

- Sewage Treatment Plants

At SDCRI campus, liquid waste generated from hostels, hospital and Dental College is disposed in Sewage Treatment Plants with output of 120KLD. The treated water is reused for gardening and sanitary purposes.


Liquid waste is processed in Sewage Treatment Plant and the treated water is reused for gardening and toilet flush tanks.

- Water treatment plant

A unique automatic Water Treatment Plant that converts grey water (domestically used water) into potable water has been established at SDCRI campus, with minimal space and energy requirement and an output of 200 Killoliters/Day.

Bio-Medical Waste management

Bio-medical waste is managed as per the Bio-medical Waste Management Rules, 2016. SDCRI is registered with E- Tech Projects Waste Management Limited for disposal of biomedical waste. Biomedical waste is collected in colour-coded bags and disposed of in accordance with Rajasthan Pollution Control Board standards. Rajasthan Pollution Control Board has issued an authorization letter for operating a facility for reception, collection, segregation, and transport of biomedical waste.


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Hazardous chemicals and radioactive waste management

Hazardous chemicals from laboratories that cannot be reused or recycled are disposed of in an environmentally sound manner as per the standard operating procedure.

No radioactive waste is generated in campus. Radiation levels in Radiology department are monitored and certified to be within permissible limits by authorized Government agency as per the Radiation Protection Rules, 2004. Thermo luminescent dosimeters are used to monitor the radiation exposure, further the TLD badges are sent to laboratories every three months for radiation checks.


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