



Rajasthan State Pollution Control Board

Headquarter : 4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone : 0141-5159699,5159604 e-mail :member-secretary@rpcb.nic.in

No. F.14(5-Adm)/RSPCB/ 2979 - 2988

Date: 29-12-23

ORDER

Installation of Sewage Treatment Plants (STPs) in Health Care Facilities (HCFs) having bed capacity of more than 50 beds was made mandatory by State Board order dated 20.11.2014. In year 2014, such provisions were made keeping in view of then prevalent Bio-Medical Waste (Management & Handling) Rules, 1998.

Meanwhile, Hon'ble NGT has prescribed more stringent effluent standards of terminal Sewage Treatment Plants. Consequently, the terminal Sewage Treatment Plants are being established/up-graded on advanced treatment technology to achieve such stringent effluent standards. In addition, network of sewerage lines and STPs in the State is being strengthened and expanded through various agencies.

The matter of effluent discharge by Health Care Facilities (HCFs) has therefore been reviewed in light of the provisions of Bio Medical Waste Management Rules, 2016, Bio Medical Waste Management (Amendment) Rules, 2018 and guidelines/toolkit/clarifications issued by the Central Pollution Control Board.

In modification of Board's circular no. F16(BMW-56)RPCB/SWMC/Sikar/2297-2327 dated 20.11.2014, it has now been decided that:-

(i) Health Care Facilities (HCFs) which are:

- Either connected with sewerage network without terminal sewage treatment plant or not connected to public sewers;
 - Health Care Facilities (HCFs) which are either connected with Medical College/Educational Institutions or require Environmental Clearance as per EIA Notification, 2006;
 - Health care facilities having more than 100 bed whether connected with sewerage network or not;
- shall have to install own Sewage/ Effluent Treatment Plants.

(ii) Such Health Care Facilities (HCFs) shall comply with the effluent standards mentioned as under:-

| S. No. | Parameters | Permissible Limits |
|--------|----------------------|--------------------|
| 1. | pH Value | 6.5 to 9.0 |
| 2. | Suspended Solid mg/l | 100 |
| 3. | Oil and Grease mg/l | 10 |
| 4. | BOD mg/l | 30 |
| 5. | COD mg/l | 250 |
| 6. | Bio-Assay Test | |

RajKaj Ref
5246988



Signature valid
96 hours in %

Digitally signed by Preeti Lal Raigar
Designation: Chief Environmental
Engineer
Date: 2023.12.29 11:11:49 IST
Reason: Approved



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- (iii) Remaining Health Care Facilities which are discharging wastewater into public sewer connected to a terminal Sewage Treatment Plant need not install their own STPs if they are able to obtain certificate as prescribed at Annexure I and they are required to meet Effluent Standards notified under the Environment (Protection) Act,1986 (29 of 1986) as mentioned below:-

| S. No. | Parameters | Standards for discharge in Public Sewers |
|--------|--|---|
| 1. | Suspended Solid mg/l, Max. | 600 |
| 2. | pH Value | 5.5 to 9.0 |
| 3. | Oil and Grease mg/l Max. | 20 |
| 4. | Biochemical Oxygen Demand [3 Days at 27°C] mg/l Max. | 350 |
| 5. | Chemical Oxygen Demand in mg/l | Not applicable |
| 6. | Bio-Assay Test | 90% survival of fish after 96 hours in 100% effluent. |

- (iv) It is further clarified that Health Care Facilities (HCFs) falling under (iii) above would be required to install own STPs and achieve effluent standards as at (i) in case any of the following:-
- Connected terminal Sewage Treatment Plant does not have sufficient capacity.
 - Connected terminal Sewage Treatment Plant is operational without valid Consent to Operate of RSPCB.
 - Connected Terminal Sewage Treatment Plant does not conform the prescribed standards/outlet norms of Municipal Sewage Treatment Plants.
- (v) Additionally, all Health Care Facilities (HCFs) shall install scientifically designed disinfection facility before discharging the effluent into sewer line or reuse in the premises as stipulated under Schedule II (6) of Bio Medical Waste Management Rules, 2016.
- (vi) Sludge generated from Sewage/Effluent treatment plants shall be given to Common Bio Medical Waste Treatment Facility for incineration or to hazardous waste treatment, storage and disposal facility for the safe disposal.
- (vii) This order will be applicable on all Health Care Facilities obtaining fresh CTEs after 01.01.2024.
- (viii) It is further clarified that existing Health Care Facilities which have already installed own Sewage/Effluent Treatment Plants as per officer order dated 20.11.2014 shall continue to operate their Sewage/Effluent Treatment Plants to achieve the standards mentioned in respective Consent to Operate.

This bears approval be the competent authority.

RajKaj Ref
3246988

Signature valid

Digitally signed by Preeti Lal Raigar
Designation: Chief Environmental
Engineer
Date: 2023.12.29 11:49:18
Reason: Approved



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Copy forwarded to the following for information and necessary action:-

1. PS to Chairperson, RSPCB, Jaipur.
2. PS to Member Secretary, RSPCB, Jaipur.
3. Director, Medical and Health Department, Govt. of Rajasthan, Jaipur.
4. CEE/CSO/CAO, RSPCB, Jaipur.
5. All Group Incharges, RSPCB, Jaipur.
6. GIC(IT), RSPCB, Jaipur- to upload on Board's website.
7. The Regional Officer, Regional Office, RSPCB, Alwar/Balotra/Bharatpur/Bhiwadi/Bhilwara/Bikaner/Chittorgarh/Jaipur(South)/Jaipur(North)/Jodhpur/Kishangarh/Kota/Pali/Sikar/Udaipur/Bundi/Hanumangarh/Jaisalmer/Sirohi/Jhalawar/Sawaimadhopur/Jhunjhunu/Rajsamand/Banswara/Nagaur.
8. Master file.

Chief Environmental Engineer

Signature valid

RajKaj Ref
5246988

Digitally signed by Pooja Lal Raigar
Designation: Chief Environmental
Engineer
Date: 2023.12.29 11:11:49 IST
Reason: Approved

CERTIFICATE

(To be issued by the Authorities of concerned Municipal Bodies/Development Authorities/UITs-not below the rank of Executive Engineer)

No.

Date:

It is to certify that:-

- (i) M/s. _____(Name of Health Care Facility) is connected with sewer line having terminal sewage treatment plant which is being operated by Municipal Bodies/Development Authority/ UIT (Name of Authority).
- (ii) At present, the effluent generated from M/s. _____(Name of Health Care Facility) is being treated at the terminal sewage treatment plant(_____ MLD) (Address of Terminal Sewage Treatment Plant).
- (iii) The terminal sewage treatment plant (_____MLD) has sufficient capacity and technology to treat _____ KLD effluent/sewage generated from M/s _____(Name of Health Care Facility)
- (iv) The terminal sewage treatment plant (_____MLD) is being operated with valid Consent to Operate from State Board and complies with the effluent standards as prescribed by the Hon'ble NGT.

Authorized Signatory
(Name & designation
Signature with Seal)

प्रमाण पत्र

(प्राधिकृत अधिकारी, नगर निगम/नगरपालिका/नगर परिषद/यू.आई.टी.
/विकास प्राधिकरण द्वारा जारी किया जावे जो कि अधिशाषी अभियन्ता स्तर
से नीचे ना हो)

क्रमांक:

दिनांक :

यह प्रमाणित किया जाता है कि:

1. मैसर्स ---- (हेल्थ केयर फैसिलिटी का नाम) नगर निगम/नगरपालिका/नगर परिषद/ यू. आई.टी./विकास प्राधिकरण द्वारा संचालित सीवेज उपचार संयंत्र से सीवर लाईन के माध्यम से जुड़ा हुआ है।
2. इस हेल्थ केयर फैसिलिटी के उच्छिष्ट (Effluent) का उपचार इस सीवेज उपचार संयंत्र में किया जा रहा है तथा इस सीवेज उपचार संयंत्र में हेल्थ केयर फैसिलिटी द्वारा जनित ----- के.एल.डी. उच्छिष्ट (disinfected effluent) के उपचार हेतु समुचित क्षमता उपलब्ध है।
3. टर्मिनल सीवेज उपचार संयंत्र (----- एम.एल.डी.) ----- (पता) द्वारा वर्तमान में राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल द्वारा निर्धारित मानकों के अनुरूप सीवेज का उपचार किया जा रहा है एवं यह संयंत्र मण्डल से प्राप्त वैद्य संचालन सम्मति लेकर कार्यरत है।

हस्ताक्षर
प्राधिकृत अधिकारी
नाम एवं पद
(मय सील)