

ACTION TAKEN REPORT
IN OA 61/2020 (CZ)

Gen. Harpreet Singh Bedi

Vs

Dwarkadeesh Haveli Builders

Date of Inspection: - 30.03.2022

MEMBERS: -

- 1. Shri Brajesh Sharma, Regional Officer, MPPCB Bhopal**
- 2. Shri A. K. Bisen, Executive Engineer, RO MPPCB Bhopal**
- 3. Assistant Engineer, MPPCB, Regional Office, Bhopal**

ACTION TAKEN REPORT

Sub: Status and action taken report in compliance to the orders of Hon'ble NGT dated 10.02.2022 in reference to OA 61/2020 (CZ) Maj. Gen. Harpreet Singh Bedi (Retd.) & Ors. v/s Shri Vijay Singh, Dwarkadheesh Haveli Builders & Ors.

The orders given by Hon'ble NGT vide order dated 10.02.2022 in reference to OA 61/2020 (CZ) Maj. Gen. Harpreet Singh Bedi (Retd.) & Ors. V/s Shri Vijay Singh, Dwarkadheesh Haveli Builders & Ors are as follows:

- 4. The State Pollution Control Board shall submit the action plan for taking remedial measures with cost which may be borne by the Municipal Corporation out of the property of the Project Proponent mortgaged in favour of Municipal Corporation or from the environmental fund, subject to realization from the Project Proponent.*
- 5. Action Taken Report (ATR) and remedial measures taken, be submitted before the Tribunal within 6 weeks.*

In compliance to the orders of the Hon'ble NGT, site visit was conducted by the following officials of Regional Office, MPPCB Bhopal on dated 30.03.2022:

1. Shri Brajesh Sharma, Regional Officer, MPPCB Bhopal
2. Shri A. K. Bisen, Executive Engineer, RO MPPCB Bhopal
3. Shri Adarsh Malviya, Assistant Engineer (C), RO MPPCB Bhopal

In reference to the orders of the Hon'ble NGT dated 10.02.2022, the inspection was conducted to prepare an action plan for taking remedial measures with cost for the shortcomings found during previous inspection dated 10.01.2022.

The observations noted by the team during the inspection dated 30.03.2022 are stated as follows:

1. The STP of capacity 250KLD based on MBBR technology was found in operation. The mechanical, electrical and plumbing connections of all the units of STP have been completed and labeling of all the units of the STP has been furnished by the builder. Kaccha approach road is also constructed to reach the STP.
2. RCC work of inlet chamber is found completed and two coarse bar screens have been installed at the inlet chamber of size 6x6ft. The sewage line is connected with the chamber and flow is observed in the chamber.
3. The connection of filter press unit for handling of STP sludge is completed and filter press is now operative.
4. The photographs taken during the inspection are attached as per **Annexure – 1**.

As per above the status of sewage treatment plant and the units of STP observed during inspection dated 30/03/2022, the action taken by the Builder is presented in the form of a table. In this table the works which were found incomplete during the inspection dated 10.01.2022 and for which as per the order of Honble NGT an action plan is required to be prepare and the status observed during the inspection dated 30.03.2022 are give as under:

S.no.	Recommendations in reference to inspection dated 10.01.2022	Remedial measures observed during inspection dated 30.03.2022
1.	Dedicated tanker and pipeline should be arranged in time-bound manner to completely utilize treated wastewater in gardening.	Tanker is arranged and pipe line is laid down for the utilization of treated waste water of STP in the garden of the society. A pipeline of diameter 2.5 inches and approx. length 900ft. has been laid down from STP to garden

		area.
2.	Remaining work of inlet chamber of 6x6 feet should be completed at the earliest to avoid any situation of overflow of sewage.	Construction work of inlet chamber of size 6x6 ft has been completed and no sewage overflow like situation was observed. The sewage pipe line is connected with the chamber.
3.	Disinfection system should be installed at the earliest.	Disinfection unit was found installed and operative at treated waste water tank unit in the STP, Regulated dosage of Sodium Hypochloride as disinfectant is added in the treated wastewater storage tank through this arrangement.
4.	Regular cleaning and maintenance of STP should be done by the builder. Connection of filter press should be done at the earliest.	For regular operation and maintenance of STP a team of 03 employees are deputed by the builder. The team consists of STP Operator & Supervisor, Site Engineer and Site Supervisor. The letter submitted by builder is attached as Annexure-II . Filter press is found connected and operative.
5.	Proper gradient of nearby nallah should be maintained and it should be cleaned in regular intervals to ensure the free-flow of surface run-off.	At the time of inspection, all the units of STP were found functional and no overflow of untreated sewage was found in the surrounding area. Nearby nallah was found dry and no accumulation of sewage was found in the nallah.
6.	Time-bound proposal is required to be submitted by the builder to resolve the shortcomings found during inspection.	As per the inspection dated 30.03.2022, the shortcomings have been completed by the builder in due course of time.

In view of above, all the work mentioned in the report is completed by the builder and it is found satisfactory. The sewage treatment plant is operational and the treated waste water is being used for gardening purposes. A Legal sample of

treated wastewater were collected by officials of RO MPPCB, Bhopal on 24.03.2022 from the STP outlet and as per the analysis report the parameters were found under the limits which indicates that the STP is functioning properly. The analysis report is attached as per **Annexure – III**.



(A. K. Bisen)
Executive Engineer
RO MPPCB Bhopal



(Brajesh Sharma)
Regional Officer
MPPCB Bhopal

Annexure - I

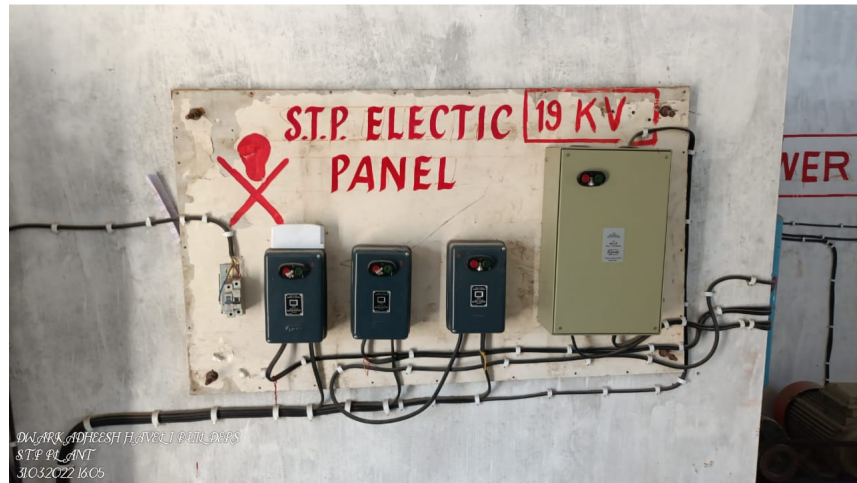
Photographs taken during the inspection of the action and remedial measures taken to improve the environment as per the orders of Hon'ble NGT



STP Control Room



Various units of 250 KLD MBBR based STP



Electrical & Mechanical units installed inside STP Control Room



PSF & ACF installed at the back of STP Control room



Filter press unit for the handling of sludge



**Dedicated pipeline laid for the reuse of treated wastewater
in gardening purpose**

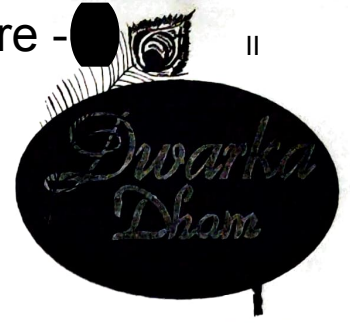
Dwarkadheesh Haveli Builders

Office & Site : "DWARAKADHAM"

Karod-Gandhi Nagar by pass road, Badwai, Bhopal

Phone : 0755-2742265, 2742375, E-mail: dwarkadham@yahoo.com

Web Site : www.bhopaldwarkadham.com



Date: 29/03/2022

To,
The Regional Officer,
M. P. Pollution Control Board,
Bhopal (M. P.)

Subject: Regarding operation and maintenance of 250KLD MBBR based STP.


Dear Sir,

With reference to above subject, it is to bring to your kind notice that as per the instructions received from your good office the operation and maintenance of the 250KLD STP based on MBBR technology installed in our premises will be taken care of by the following employees of our office:

1. Shri T. P. Soni, STP Operator & Supervisor
2. Shri Pradumn Pathak, Site Engineer
3. Shri Munidev Rai, Site Supervisor

The STP has been designed by M/s PACE Consultants, Indore and the construction has been carried out by M/s Dwarkadheesh Haveli Builders under the expert supervision of Mr. Arun Jain representative of M/s PACE Consultants. The operation and maintenance of the STP will also be conducted under the guidance of Mr. Arun Jain.

For Dwarkadheesh Haveli Builders



Partner

Shri Vijay Singh
Dwarkadheesh Haveli Builders

Dwarkadheesh Haveli Builders

Office & Site : "DWARAKADHAM"

Plot - Gandhi Nagar by pass road, Badwai, Bhopal

Phone : 0755-2742265, 2742375, E-mail: dwarkadham@yahoo.com

Web Site : www.bhopaldwarkadham.com



COMPLIANCE TO RECOMMENDATIONS

S. No.	Recommendations	Compliance
1.	Dedicated tanker and pipeline should be arranged by the builder in time-bound manner to completely utilize treated water in gardening.	Dedicated tanker was being used to utilize the treated wastewater in gardening. Presently, a dedicated pipeline of diameter 2.5 inches and length approx. 900ft. has been laid from the outlet of the STP to the garden area for effective utilization of treated wastewater in gardening purpose.
2.	Remaining work of inlet chamber of 6 feet x 6 feet should be completed at the earliest to avoid any situation of overflow of sewage.	The remaining construction work of Inlet chamber is completed, and bar screen is installed. Sewage line is also connected to the inlet chamber. No condition of overflow of sewage exist as the inlet chamber is of sufficient size.
3.	Disinfection system should be installed at the earliest.	Automated disinfection unit with tank of capacity 500 liters has been installed.

For Dwarkadhees Haveli Builders


Partner

Dwarkadheesh Haveli Builders

Office & Site : "DWARAKADHAM"

Karod-Gandhi Nagar by pass road, Badwai, Bhopal

Phone : 0755-2742265, 2742375, E-mail: dwarkadham@yahoo.com

Web Site : www.bhopaldwarkadham.com



4.	Regular cleaning and maintenance of STP units should be done by the builder. Connection of filter press should be done at the earliest.	Connection of filter press unit is completed. The operation and maintenance of STP will be done by 03 employees of our office who are trained by the design consultant of STP.
5.	Proper gradient of nearby nallah should be maintained and it should be cleaned in regular intervals to ensure the free flow of surface run-off.	As per instructions, earthwork to maintain the gradient of nallah and cleaning of nallah has been done. At present the nallah is dry and no condition of accumulation of water exists.
6.	Time bound proposal is required to be submitted by the builder to resolve the shortcomings found during inspection.	As per the instructions received, the shortcomings observed by the team of your office have been resolved and the operation of STP is being done regularly. Photographs of the work done are attached as per Annexure - 1 .

Dwarkadheesh Haveli Builders, Bhopal

For Dwarkadheesh Haveli Builders


Partner



CENTRAL LABORATORY
MADHYA PRADESH POLLUTION CONTROL BOARD
 Paryavaran Parisar E-5, Arera Colony, Bhopal – 462016
 Ph. NO. 0755-2421425, 2464428, Fax 0755-2463742

Analysis Report

NO- 108/CL/2022
Date 30/03/2022

Sample From: M/s. The Occupier, Dwarkadheesh Haveli builders Dwarkadham colony, Karod – ghandhinagar
Bypass Road Badwai, Bhopal (M.P.)

No.	Description of Sample	Date of Collection	Collected by	Date of Receipt	Date of Analysis
01	Treated Sewage Water from STP outlet Dwarkadham colony, Badwai, Bhopal.	24/03/2022	Shri Jainendra Pratap Chandel (Chemist) MPPCB R.O. Bhopal	25/03/2022	25/03/2022

S. No.	Analyte Tested	Unit	Result
1.	pH	pH unit	6.98
2.	Total Solids	mg/l	464
3.	Total Dissolved Solids	mg/l	402
4.	Total Suspended Solids	mg/l	62
5.	Chlorides	mg/l	90.99
6.	COD	mg/l	158.08
7.	BOD	mg/l	22

Signature/-

(Signature)
 30/3/22
 (A.U. Baig)

State Board Analyst

A. U. Baig

Scientist

M.P. Pollution Control Board
 Bhopal (M.P.)