

## INSPECTION REPORT

- As directed the undersigned along with Mr. Chandrashekar Parab conducted site inspection of M/s CERES Hotels Pvt Ltd (The Leela Goa) on 01/11/2021 to verify the present status of the unit in regards to NGT matter. Unit has a valid consent to operate from GSPCB valid upto 28/02/2024 issued on 16/05/2019. Unit is a hotel industry with 206rooms, restaurant 240 seating capacity, spa and one seasonal temporary shack. Presently the shack is not in operation. Source of water is from PWD.As per the details provided total water consumption is approx 450-500KLD. Unit has a sewage treatment plant of 500KLD for treatment of domestic sewage. Final STP treated water sample was collected for analysis. The analysis results of the same are awaited. Treated water is used for gardening .Unit has installed oil and grease trap for the kitchen. Unit has analysed treated and raw water sample.
- Unit has submitted Bank guarantee of 5 lakhs for streamlining the Sewage Treatment plant and increasing the stack height of DG set as per the directions of the GSPCB and the same is valid upto 30/6/2022
- As per the records mainatianed, approx 800Kg/month dry waste is generated and 500Kg/day wet waste is generated. The wet wastes are composted in the organic waste converter located within the premises. The dry wastes generated is disposed to recyclers. The compost generated is used for landscaping. As per the consent conditions the unit has provided continuous online water quality monitoring system for water flowing from the lagoon into the hume pipe emptying into river sal. Unit monitors parameters such as BOD, COD, Conductivity, TDS, TSS, ph.
- At the time of inspection there was no overflow from the lagoon into the drain hume pipe leading to river sal. It was informed that only during the monsoon season monsoon runoff water flows through the lagoon and then further flows into the river sal through the hume pipe.
- Unit official informed that they tried to connect the same to boards server however due to server error (GLENS) they are not able to connect it.

- Unit has two boilers of 2 Tons/Hr capacity. Unit has two DG set of 2030KVA and 1250KVA capacity. Unit has carried out stack monitoring and the parameters are within limits. The stack height is 22 meters and 30Meters of the DG set respectively. The stack analysis report indicates parameters are within limits.
- Unit has also conducted noise monitoring. The used oil generated is given to recyclers. Unit has submitted form V and hazardous waste annual returns form IV.
- Earlier there were complaint from Cavlossim Village Forum against the unit, regarding land filing of low laying land and installation of hume pipe. Unit had submitted that the hume pipe is provided for overflow of lagoon water during the monsoon season. With regards to the same board had issued consent with a condition to the unit to install online water monitoring station. Copy of the renewed consent to operate is attached. Unit has accordingly provided the same and monitors BOD, COD, Conductivity, TDS, TSS, ph of water flowing
- At the time of inspection no overflow's seen from the lagoon and no discharge of sewage was seen from the hume pipe into the river sal. Also Plantations has grown up on the back filled area.



Fig No.1: online water monitoring station installed at lagoon near outlet



Fig No.2:No overflow from the lagoon,



Fig No.3:No discharge from the hume pipe in river Sal.



Fig No.4: Organic waste composter for composting



**Fig No.5: Plantation grown on the backfilled area**

**Conclusion/Recommendations:**

- The hotel unit is in operations. The sewage treatment plant is in operation. The consent is valid upto 28/02/2024. Final treated water sample collected for analysis, results of the same is awaited. Treated water is used for gardening.
- Wet waste is composted in the composting machine within premises and the dry waste is given to recycler.
- Unit has provided continuous online water quality monitoring system for water being discharged from the lagoon into the hume pipe emptying into river sal. Unit monitors parameters such as BOD, COD, Conductivity, TDS, TSS, ph.
- At the time of inspection no overflow's seen from the lagoon and no discharge of sewage was seen from the hume pipe into the river sal. Also Plantations has grown up on the back filled area.

*IP Dessai*

Mr. Pravin Fal Dessai  
(Asistant Environmental Engineer)

**Verified By:**