

MWML/CWMP-II/F:23-24/APPCB/EE/009
Date: 24th Jan - 2024

To
The Environmental Engineer,
AP Pollution Control Board
Regional Office, Plot No. 1
Prasanthi Nagar,
Podalakur Road, Nellore-524 003
Andhra Pradesh.

Sub: Submission of Half yearly (July2023 to December 2023) Compliance
of the Environmental Clearance Conditions Reg.

Dear Sir,

With reference to the above mentioned subject, please find enclosed
herewith half yearly Environmental Clearance Condition Compliance report
for the period from
July-2023 to December-2023 of Coastal Waste Management Project Unit-II
located at Ravinguntapalli Village, Rapur Mandal, SPSR Nellore Dist.

kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,
For COASTAL WASTE MANAGEMENT PROJECT UNIT-II
(A Division of Mumbai waste management Ltd)


Authorized Signatory



CC: - Joint Chief Environment Engineer, Vijayawada for your records.

Coastal waste management project unit-2 Raviguntapalli,Rapur
(A Division of Mumbai Waste Management Ltd)
EC Conditions and compliance status
Online proposal No.IA/AP/MIS/32311/2015 dated 02.07.2016

A. SPECIFIC CONDITIONS.

S.No.	EC conditions	Compliance status
i)	The emission standards prescribed by the MoEF under Environment (Protection) Act for incinerator lead recovery unit, e-waste, solvent recycling, used oil recycling unit etc shall be strictly followed. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be control measure are rectified to achieve the desired efficiency. Stack emission shall be monitored regularly	Noted and being complied
ii)	Air pollution control device viz.gas quencher, treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs I (if any); bag filter/ESP for removal of particulate matter, ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas ; and demister column for arresting water carry over shall be provided to the incinerator . Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO ₂ , NO _x and CO from the incinerator stack. The periodical monitoring of Dioxins and furans in the stack emission shall be carried out.	Noted
iii)	As proposed scrubber shall be provided to the oil fired boiler to control particulate emission within permissible limit. The gaseous emission shall be dispersed through stack of adequate height as per CPCB/GPCB guidelines.	Noted
iv)	Bag filter shall be provided at crushing, Dismantling, Shredding , separation units of the e-waste management facility.	At present we don't have Waste facility
v)	Multi cyclone, bag filter followed by scrubber along with stack of adequate height shall be provided to smelting (in Rotary Furnace) and Refining (in refining pot) to control process emission.	Noted
vi)	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	Noted
vii)	Plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided Raw waste/materials and unloading area shall be covered and also provided with dust control system. Fugitive emissions in the work zone environment, product raw materials storage area etc. Shall be regularly monitored and records maintained. Regular monitoring of volatile organic compounds (VOCs) should be carried out. The emission shall conform to the limits stipulated by the SPCB	Complied
viii)	The gaseous emission from DG set shall be dispersed through adequate Stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution	Complied
ix)	Ambient air quality monitoring shall be carried out in and around the landfill site at upwind and downwind locations	Complied
x)	Total fresh water requirement from ground water source should not exceed 366 m ³ /day and prior permission should be obtained from the CGWA/SGWA. Effort shall be made to use recycled water.	Complied

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xi	All leachates arising from premises should be incineration forced evaporation /spraying on landfill.	Complied
xii	Effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge. Treated effluent shall be recycled/reused for cooling tower make up, plantation and landfill. Sewage will be treated in the STP.	Complied
xiii	No effluent shall be discharged outside the TSDF premises and zero discharge shall be maintained.	Complied
xiv	Sufficient number of piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board /CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF & CC	Complied
xv	Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.	Complied
xvi	The depth of the landfill site shall be decided based on the ground water tables at the site	Noted and complied
xvii	Environmental monitoring programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out. Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out.	Noted and being Complied
xviii	All the solvents tanks should be connected with vent condensers with chilled brine circulation.	Noted
xix	The company shall ensure proper handling of all spillages by introducing spill control procedures for various waste/chemicals.	Complied
xx	No non hazardous wastes as defined under hazardous and other wastes (Management and Transboundary movement) Rules 2016 shall be handled in the premises.	Complied
xxi	All the commitments made to the public during the public hearing/public consultation meeting held on 31 st May, 2016 shall be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry Regional Office.	Complied
xxii	Gas generated in the landfill should be properly collected, monitored and flared.	Noted and will be complied
xxiii	The company shall obtain authorization from SPCB for collection, storage and disposal of hazardous waste under the Hazardous and other waste (Management and Transboundary Movement) Rules, 2016. Measures shall be taken for fire fighting facilities in case of emergency.	Complied
xxiv	Pucca approach road to project site as well as internal road with adequate width shall be constructed to avoid fugitive emission. The entry and exit point should be at different location.	Complied
xxv	Project proponent shall develop green belt, as committed. At least 15 m thick greenbelt shall be developed in the periphery of	Complied

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	hazardous waste facility.	
xxvi	Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the authorization under the hazardous and other wastes (management and Transboundary movements) Rules, 2016 to prevent unwanted access. Plastic waste shall be disposed off as per Plastic waste management Rules, 2016, E-waste shall be disposed off as per e-waste Management Rules, 2016. Biomedical waste shall be disposed off as per Bio-medical waste management Rules,2016. Municipal waste shall be disposed off as per Solid waste management Rules, 2016. Lead acid batteries shall be disposed off as per Batteries management Handling Rules, 2001 as amended by notification S.O1002 (E) dated 4 th May,2010. Construction and demolition waste shall be disposed off as per construction and Demolition waste management Rules, 2016.	Noted and being complied
Xxvii	A comprehensive Medical contingency plan shall be evolved, documented and implemented for occupational health and safety. Proper periodical medical check-ups and insurance plans shall be undertaken for workers during and after their employment on the premises. The project will build in a continued programs of sensitising all stake holders to the hazardous exposure and its management.	Complied
xxviii	Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazardous to human health or environment from fires, explosion or any unplanned sudden or non sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water	Complied
xxix	As proposed at least Rs 1.34 Crore should be earmarked towards the enterprises social commitment (ESC) based on local need viz. Creation of at least three rain water harvesting ponds nearby villages water supply to local affect villages, sanitation medical health facilities, women empowerment programs and action plan with financial and physical breakup/details should be prepared and submitted to the ministry's Regional Office at Bangalore implementation of such program should be ensured accordingly in a time bound manner.	Being Complied
xxx	All details on waste management and handling as given in letter no. MWML/NEL/TSDf/ECCLA/02 dated 8-9-2016 by m/s Mumbai Waste Management Ltd, as submitted before the committee should also be provided to the State Pollution Control Board along with the application for consent and authorization to enable them to verify compliance on site before the consents to operate, authorization or any other permission to operate is given	Noted and Complied

B.GENERAL CONDITIONS:

S.No.	EC Conditions	Compliance status
i	The project authorities shall strictly adhere to the stipulations made by the state Government and State Pollution Control Board	Noted

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ii	No further expansion or modifications in the waste management facility shall be carried out without prior approval of the Ministry of Environment and Forest. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any	Noted
iii	Ambient air quality data should be collected as per NAAQES standards notified by the Ministry on 16 th November, 2009.	Complied
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measure including acoustic hoods, silencers enclosures etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (protection) Act, 1986 Rules 1989 viz 75 dBA (day time) and 70dBA (night time)	Complied
v	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examination for all employee shall be under taken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied
vi	Usage of personnel protection equipments (PPEs) by all employees/workers shall be ensured.	Complied
vii	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management risk mitigation measures and public hearing relating to the project shall be implemented	Noted and being Complied
viii	The company shall undertake all relevant measures for improving the socio economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration	Noted and being Complied
ix	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Noted and being Complied
x	A separate Environmental Management cell equipped with full-fledged laboratory facilities shall be set up carry out the Environment Management and Monitoring functions.	Complied
xi	The company shall earmark sufficient funds towards capital cost and recurring cost/annum to implement the conditions stipulated by the Ministry of Environment Forest and climates change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management pollution control measure shall not be diverted for any other purpose.	Noted and being complied
xii	A copy of the clearance letter shall be sent by the project proponent to concerned panchayat. Zilla parisad /Municipal corporation, urban local body and the local NGO, if any from who suggestions /representations, if any, were received while	Complied

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	processing the proposal.	
xiii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the state pollution control board. a copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied
xiv	The environmental statement for each financial year ending 31 st March in Form-v as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently shall also put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail	Complied
xv	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locally concerned and copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied
xvi	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied
9.	Any appeal against the clearance shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010	Noted
10	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted
11	The Ministry reserves the right to stipulate additional conditions, if found, necessary, The company in a time bound manner will implement these conditions.	Noted