

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgment**

Proposal Name	Establishment of Hazardous Waste Incinerator Facility (500 kg/hr) at Punjab Waste Management Project (PWMP), Re Sustainability Limited- Existing Common Hazardous Waste Treatment, Storage, and Disposal Facility at Nimbuan, Dera Bassi, Mohali District, Punjab by M/s Re Sustainability Limited (Unit Punjab Waste Management Project)		
Name of Entity / Corporate Office	Re Sustainability Limited (Unit Punjab Waste Management Project)		
Village(s)	N/A		
District	S.A.S Nagar		
Proposal No.	IA/PB/MIS/51358/2016	Category	INFRA-2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	PUNJAB	Entity's PAN	AAACR9626A
MoEF File No.	F.No. 10 27/2016-IA.III	Entity name as per PAN	RE SUSTAINABILITY LIMITED

Compliance Reporting Details**Reporting Year** 2024**Remarks (if any)****Reporting Period** 01 Dec(01 Apr - 30 Sep)**Details of Production and Project Area**

Name of Entity / Corporate Office	Re Sustainability Limited (Unit Punjab Waste Management Project)	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	8.39	8.39
Total	8.39	8.39

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Landfillable Hazardous Waste	Tons per Annum (TPA)	31/03/2026	60000	46675.70	60000
2	Landfillable Hazardous Waste	Tons per Annum (TPA)	31/03/2026	60000	46675.70	60000
3	Incinerable Waste	Tons per Annum (TPA)	31/03/2026	4380	1263.29	4380
4	Incinerable Waste	Tons per Annum (TPA)	31/03/2026	4380	1263.29	4380
5	AFR waste for co-processing in cement plant	Tons per Annum (TPA)	31/03/2026	18000 Tons per Annum	1224	0.5 Ton/hr
6	AFR waste for co-processing in cement plant	Tons per Annum (TPA)	31/03/2026	18000 Tons per Annum	1224	0.5 Ton/hr

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	"The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. "
PPs Submission: Complied Complied		Date: 11/10/2024
2	AIR QUALITY MONITORING AND PRESERVATION	"The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (for projects involving incineration). "
PPs Submission: Complied CEMS is installed on stack of incinerator for 24x7 continuous emission monitoring system and connected to PPCB and CPCB online servers. The calibration of CEMS is performed by Third party (M/s Yokogawa India Ltd)		Date: 11/10/2024
3	AIR QUALITY MONITORING AND	"As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for

	PRESERVATION	adsorption of partial acidity and VOCs (if any); bagfilter/ESP for removal of particulate matter; venturi 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 will 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 emissions shall be carried out."
PPs Submission: Complied Air pollution control device are provided viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs, bag filter for removal of particulate matter; venturi 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 will be provided to the incinerator. CEMS is installed at the incinerator stack per the CPCB guideline . The data acquisition and transfer are duly accomplished to the PPCB and CPCB servers. The periodical monitoring of Dioxins and Furans in the Incinerator Stack emissions is carried out by a Third party NABL accredited lab. The latest report of the common hazardous waste incinerator flue gas emission quality monitoring, done by Vimta Labs Limited, Hyderabad, having NABL accreditation		Date: 11/10/2024
4	AIR QUALITY MONITORING AND PRESERVATION	"Analysis of Dioxins and Furans shall be done through CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory. "
PPs Submission: Complied The latest report of the common hazardous waste incinerator flue gas emission quality monitoring, done by Vimta Labs Limited, Hyderabad, having NABL accreditation.		Date: 11/10/2024
5	AIR QUALITY MONITORING AND PRESERVATION	"Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator. "
PPs Submission: Complied The energy recovery (utilization) compliance is achieved by the way of utilization of the hot flue gas discharged from the secondary combustion chamber (temperature 1100 OC) to treat the contaminated water generated from various processes of the TDSF operation (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) by the way of forced evaporation (thermal quenching) in the spray dryer of the incinerator.		Date: 11/10/2024
6	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and outside the project area at least at four locations (one within the project area and three outside the project area), covering upwind and downwind directions.
PPs Submission: Complied Ambient air quality monitoring is carried out at four locations in and around the landfill site at upwind and downwind directions per the NAAQS requirements No.B-29016/20/90/PCI-L/, issue date: 18th November, 2009. The monitoring location individual coordinate is shown on the TSDF layout		Date: 11/10/2024
7	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system

		of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or share-holder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
PPs Submission: Complied Complied		Date: 11/10/2024
8	Corporate Environmental Responsibility	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
PPs Submission: Complied The organogram of the constituted environmental management cell covering the project and corporate level.		Date: 11/10/2024
9	Corporate Environmental Responsibility	"Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report"
PPs Submission: Complied Complied		Date: 11/10/2024
10	Corporate Environmental Responsibility	"Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. "
PPs Submission: Complied Annual self-environmental audit is carried out once in a year as a part of the internal audit by the corporate team. Third party environmental audit was carried out by Indian Institute of Technology (IIT), Delhi having a post-monsoon site visit on 16-Nov-23 and pre-monsoon site visit on 15th April 2024. The summary report of the IIT, Delhi audit is enclosed.		Date: 11/10/2024
11	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
PPs Submission: Complied Solar cell power street lights are installed at the facility.		Date: 11/10/2024
12	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential areas
PPs Submission: Complied LED lights with energy saving measure are installed in the office building and operation areas.		Date: 11/10/2024
13	GREENBELT	Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.
PPs Submission: Complied Greenbelt is developed with native plant species, e.g., Neem, Conocarpus, Sesame, Gulmohar,		Date: 11/10/2024

Papadi, Safeda, Ficus, Pilkhan, Champa, Arjun, Toona Ciliata, Dhaka Bakain, Sastut, Kadi patta, Ashok, Kangi Palm, China Palm, Areca Palm, Golden Palm, Morpankhi, etc. along the periphery of the facility		
14	GREENBELT	Top soil shall be separately stored and used in the development of green belt.
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 11/10/2024
15	Human Health Environment	"Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards 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"
PPs Submission: Complied On Site Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard identification and Risk Assessment and issued for implementation at the facility. The same is submitted to the Director of Factories. Disaster Management Plan ON SITE EMERGENCY and DISASTER MANAGEMENT PLAN dated 01 st August 2024		Date: 11/10/2024
16	LAND RECLAMATION	"Project Proponent shall develop green belt with native plant species that are significant and used for the pollution abatement. At least 10 m thick greenbelt shall be developed in the periphery of hazardous waste facility. "
PPs Submission: Complied Greenbelt is developed with native plant species, e.g., Neem, Conocarpus, Sesame, Gulmohar, Papadi, Safeda, Ficus, Pilkhan, Champa, Arjun, Toona Ciliata, Dhaka Bakain, Sastut, Kadi patta, Ashok, Kangi Palm, China Palm, Areca Palm, Golden Palm, Morpankhi, etc. along the periphery of the facility		Date: 11/10/2024
17	Marine/Coastal	Not Applicable
PPs Submission: Complied Not Applicable		Date: 11/10/2024
18	MINING PLAN	Not Applicable
PPs Submission: Complied Not Applicable		Date: 11/10/2024
19	MISCELLANEOUS	"The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently (for projects involving incineration). "
PPs Submission: Complied Complied		Date: 11/10/2024
20	MISCELLANEOUS	"The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has

		been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed (For projects involving only Landfill without incineration)."
PPs Submission: Complied Complied		Date: 11/10/2024
21	Statutory compliance	"The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of Schedule-I species in the study area) "
PPs Submission: Complied Not applicable.		Date: 11/10/2024
22	Statutory compliance	"The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee. "
PPs Submission: Complied The facility has been operating per the consents duly issued by the Punjab Pollution Control Board (PPCB). The chronological issue of the consents is noted below. Consent to Establish (CtE) Memo. no issue date and validity. 1. CTE/Exp/SAS/2016/4349810, issue date 26/10/2016 and validity 25/10/2017 2. CTE/Exp/SAS/2020/12568537, issue date 28/05/2020 and validity 31/05/2021 3. CTE/Exp/SAS/2021/16465939, issue date 06/09/2021 and validity 25/10/2021 4. CTE/Fresh/SAS/2021/17067019, issue date 29/12/2021 and validity 31/12/2021 5. CTE/Exp/SAS/2022/18976864, issue date 20/07/2022 and validity 31/12/2022 Consent to Operate (CtO) Memo. no. issue date and validity. 1. CTOA/Fresh/SAS/2022/19602254 issue date 14/11/2022 and validity 31/12/2023 2. CTOW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and validity 31/12/2023 3. CTOA/Renewal/SAS/2024/24155452 issue date 06/06/2024 and validity 31/03/2026 4. CTOW/Renewal/SAS/2024/24155458 issue date 06/06/2024 and validity 31/03/2026		Date: 11/10/2024
23	Statutory compliance	"The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project. "
PPs Submission: Complied Due permission was obtained from the Punjab Water Regulation and Development Authority (PWRDA), Chandigarh vide the given user ID 1350701644 and permission no. PWRDA /1/05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027) for the abstraction of 1680 m3/month fresh groundwater through one tube well. There is no surface water drawl for the project.		Date: 11/10/2024
24	Statutory compliance	"A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained. "
PPs Submission: Complied The power supply adequacy/ assurance was obtained per the approval granted by the Chief Power Inspector, Govt. of Punjab vide certificate no. 007257, 18.01.2023.		Date: 11/10/2024
25	Statutory compliance	"All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project

		proponents from the respective competent authorities. "
PPs Submission: Complied 1. PESO We are not storing the diesel more 1000-1500 L at the site. 2. Explosives Not applicable. 3. Fire Department NOC No 1502-97548-Fire/74094 Issued date 22-08-2024 valid for one year 4. Civil aviation Not applicable. 5. Static And Mobile Pressure Vessels (Unfired) Rule Certificate Certificate of Fire NOC and testing certificate for static and mobile pressure vessels and compressed gas are enclosed		Date: 11/10/2024
26	WASTE MANAGEMENT	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.
PPs Submission: Complied Only the scheduled hazardous waste per the category given in the said Rule and as amended are accepted by the TSDF from the member units through the manifest system form 10		Date: 11/10/2024
27	WASTE MANAGEMENT	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
PPs Submission: Complied Solid waste is not generated from the premises-Not applicable.		Date: 11/10/2024
28	WASTE MANAGEMENT	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 11/10/2024
29	WASTE MANAGEMENT	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
PPs Submission: Complied Not applicable.		Date: 11/10/2024
30	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Complied The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and consequent need of installing continuous effluent monitoring system.		Date: 11/10/2024
31	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Four numbers of on-site piezometer wells are installed to monitor the groundwater quality. The well network is compliant to the CPCB requirement as given in Protocol for Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment Storage and Disposal Facilities including Common Hazardous Waste Incinerators/HAZWAMS/ /2010-2011, issue date 24th May 2010, annexure-V section 4.0.(b). The well network along with the individual well coordinate and ground water flow direction is shown on the TSDF layout and geo-hydrological study report of ground water around the TSDF site		Date: 12/10/2024
32	WATER QUALITY MONITORING AND PRESERVATION	The depth of the land fill site shall be decided based on the ground water table at the site.
PPs Submission: Complied Complied		Date: 11/10/2024
33	WATER QUALITY MONITORING AND PRESERVATION	"Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant. "
PPs Submission: Complied First flush rain water runoff collection pond is provided having double composite liner system (refer to Appendix 19). The contaminated water generated during the few first flushes and collected in the said pond is treated and disposed of through the Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer.		Date: 11/10/2024
34	WATER QUALITY MONITORING AND PRESERVATION	"Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water."
PPs Submission: Complied approx. 25 kL/day fresh water is consumed by the facility. Due permission was obtained from the Punjab Water Regulation and Development Authority (PWRDA), Chandigarh vide the given user ID 1350701644 and permission no. PWRDA /1/05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027) for the abstraction of 1680 m3/month fresh groundwater through one tube well		Date: 11/10/2024
35	WATER QUALITY MONITORING AND PRESERVATION	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
PPs Submission: Complied Spill control kit containing Anti-static shovel and scoop, Appropriate Broom Absorbent materials i.e. Calcium Carbonate, Lime, Caustic lye, sand and fly ash is provided at waste storage sheds, incinerator, laboratory, stabilization shed, pre-processing shed.		Date: 11/10/2024
36	WATER QUALITY MONITORING AND PRESERVATION	All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates
PPs Submission: Complied The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and consequent need of installing continuous effluent monitoring system. TCLP test of leachate is done on regular basis		Date: 11/10/2024

37	WATER QUALITY MONITORING AND PRESERVATION	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.
PPs Submission: Complied The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and consequent need of installing continuous effluent monitoring system		Date: 11/10/2024
38	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
PPs Submission: Complied Sewage (domestic effluent) is generated from Toilet and wash room. The same is collected through vacuum trucks and transported to a treatment facility.		Date: 11/10/2024
39	WATER QUALITY MONITORING AND PRESERVATION	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
PPs Submission: Complied Not Applicable. The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and consequent need of installing continuous effluent monitoring system.		Date: 11/10/2024
40	MISCELLANEOUS	"The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. "
PPs Submission: Complied The status of stipulated environmental clearance conditions compliance is uploaded in the website https://pwmp.resustainability.com/		Date: 11/10/2024
41	MISCELLANEOUS	"The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. "
PPs Submission: Complied Six-monthly environmental clearance conditions compliance report is routinely submitted to the MoEF and CC website. The last submission on 9-Apr-24 (acknowledgement copy is enclosed)		Date: 11/10/2024
42	MISCELLANEOUS	"The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. "
PPs Submission: Complied Environmental statement (Form V) was submitted to the PPCB and uploaded in website https://pwmp.resustainability.com/		Date: 11/10/2024
43	MISCELLANEOUS	"The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral

		parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain (in case of incineration involved). "
PPs Submission: Complied Digital environmental information display of the requisite aspects is available beside the facility main gate for public domain.		Date: 11/10/2024
44	MISCELLANEOUS	"The project proponent 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, commencing the land development work and start of production operation by the project"
PPs Submission: Complied Complied		Date: 11/10/2024
45	MISCELLANEOUS	"The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government."
PPs Submission: Complied Complied		Date: 11/10/2024
46	MISCELLANEOUS	"The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. "
PPs Submission: Complied Complied		Date: 11/10/2024
47	MISCELLANEOUS	"No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). "
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 11/10/2024
48	MISCELLANEOUS	"Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. "
PPs Submission: Agreed to Comply Noted and compliance shall be ensured		Date: 11/10/2024
49	MISCELLANEOUS	"The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. "
PPs Submission: Agreed to Comply Noted		Date: 11/10/2024
50	MISCELLANEOUS	"The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. "

PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 11/10/2024
51	MISCELLANEOUS	"The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. "
PPs Submission: Agreed to Comply Noted		Date: 11/10/2024
52	MISCELLANEOUS	"The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter. "
PPs Submission: Agreed to Comply Noted		Date: 11/10/2024
53	MISCELLANEOUS	"Any appeal against this EC 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. "
PPs Submission: Agreed to Comply Noted		Date: 11/10/2024
54	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
PPs Submission: Complied Ambient noise level monitoring is carried out at four locations of the facility by the on-site laboratory on monthly basis and NABL accredited external laboratory on quarterly basis. The day-night-time noise levels were within the stipulated limit		Date: 11/10/2024
55	PUBLIC HEARING	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied On-Site Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard identification and Risk Assessment and issued for implementation at the facility.		Date: 11/10/2024
56	PUBLIC HEARING	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied Not applicable.		Date:

		11/10/2024
57	PUBLIC HEARING	Occupational health surveillance of the workers shall be done on a regular basis.
PPs Submission: Complied Pre-deployment and regular health check-up of employees and workers are carried out. The regular six monthly health check-up is carried out per the CPCB guidelines Protocol of Performance Evaluation and Monitoring of TSDF, HAZWAMS/ /2010-2011		Date: 11/10/2024
58	Risk Mitigation and Disaster Management	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied On-Site Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard identification and Risk Assessment and issued for implementation at the facility		Date: 11/10/2024
59	Statutory compliance	"The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project."
PPs Submission: Complied Not applicable.		Date: 11/10/2024
60	AIR QUALITY MONITORING AND PRESERVATION	Gas generated in the landfill should be properly collected, monitored and flared.
PPs Submission: Agreed to Comply Noted and compliance shall be ensured. At present, the landfill operation is ongoing and only the temporary monsoon cover is installed as required. At the time of the permanent capping of the landfill, passive gas vents shall be provided per the gas management strategy as given in the CPCB guideline		Date: 11/10/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	"The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (for projects involving incineration). "
PPs Submission: Complied CEMS is installed on stack of incinerator for 24x7 continuous emission monitoring system and connected to PPCB and CPCB online servers. The calibration of CEMS is performed by Third party (M/s Yokogawa India Ltd)		Date: 11/10/2024
2	MISCELLANEOUS	"The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has

		been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed (For projects involving only Landfill without incineration)."
PPs Submission: Complied Complied		Date: 12/10/2024
3	MISCELLANEOUS	"The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. "
PPs Submission: Complied Complied		Date: 12/10/2024
4	MISCELLANEOUS	"The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. "
PPs Submission: Complied The status of stipulated environmental clearance conditions compliance and monitored data is uploaded in the website https://pwmp.resustainability.com/		Date: 12/10/2024
5	MISCELLANEOUS	"The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. "
PPs Submission: Complied Six-monthly environmental clearance conditions compliance report is routinely submitted to the MoEF and CC website. The last submission on 9-Apr-24		Date: 12/10/2024
6	MISCELLANEOUS	"The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. "
PPs Submission: Complied Environmental statement (Form V) was submitted to the PPCB on as enclosed.		Date: 12/10/2024
7	MISCELLANEOUS	"The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain (in case of incineration involved). "
PPs Submission: Complied Digital environmental information display of the requisite aspects is available beside the facility main gate for public domain disclosure		Date: 12/10/2024
8	MISCELLANEOUS	"The project proponent 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, commencing the land development work and start of production operation by the project"

PPs Submission: Complied Complied		Date: 12/10/2024
9	MISCELLANEOUS	"The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government."
PPs Submission: Complied Complied		Date: 12/10/2024
10	MISCELLANEOUS	"The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. "
PPs Submission: Complied Complied		Date: 12/10/2024
11	MISCELLANEOUS	"No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). "
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 12/10/2024
12	MISCELLANEOUS	"Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. "
PPs Submission: Agreed to Comply Noted and compliance shall be ensured		Date: 12/10/2024
13	MISCELLANEOUS	"The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. "
PPs Submission: Agreed to Comply Noted		Date: 12/10/2024
14	MISCELLANEOUS	"The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. "
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 12/10/2024
15	MISCELLANEOUS	"The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. "
PPs Submission: Complied Noted		Date: 12/10/2024
16	MISCELLANEOUS	"The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act,

		1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter. "
PPs Submission: Complied Noted		Date: 12/10/2024
17	MISCELLANEOUS	"Any appeal against this EC 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. "
PPs Submission: Agreed to Comply Noted		Date: 12/10/2024
18	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
PPs Submission: Complied Ambient noise level monitoring is carried out at four locations of the facility by the on-site laboratory on monthly basis and NABL accredited external laboratory on quarterly basis. The day-night-time noise levels were within the stipulated limit.		Date: 12/10/2024
19	PUBLIC HEARING	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied On-Site Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard identification and Risk Assessment and issued for implementation at the facility.		Date: 12/10/2024
20	PUBLIC HEARING	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied Not applicable.		Date: 12/10/2024
21	PUBLIC HEARING	Occupational health surveillance of the workers shall be done on a regular basis.
PPs Submission: Complied Pre-deployment and regular health check-up of employees and workers are carried out. The regular six monthly health check-up is carried out per the CPCB guidelines Protocol of Performance Evaluation and Monitoring of TSDF, HAZWAMS/ /2010-2011		Date: 12/10/2024
22	Risk Mitigation and Disaster Management	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.

PPs Submission: Complied On-Site Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard identification and Risk Assessment and issued for implementation at the facility.		Date: 12/10/2024
23	Statutory compliance	"The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project."
PPs Submission: Complied Not Applicable		Date: 12/10/2024
24	Statutory compliance	"The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of Schedule-I species in the study area) "
PPs Submission: Complied Not applicable		Date: 12/10/2024
25	Statutory compliance	"The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee. "
PPs Submission: Complied The facility has been operating per the consents duly issued by the Punjab Pollution Control Board (PPCB). The chronological issue of the consents is noted below. Consent to Establish (CtE) Memo. no issue date and validity. 1. CTE/Exp/SAS/2016/4349810, issue date 26/10/2016 and validity 25/10/2017 2. CTE/Exp/SAS/2020/12568537, issue date 28/05/2020 and validity 31/05/2021 3. CTE/Exp/SAS/2021/16465939, issue date 06/09/2021 and validity 25/10/2021 4. CTE/Fresh/SAS/2021/17067019, issue date 29/12/2021 and validity 31/12/2021 5. CTE/Exp/SAS/2022/18976864, issue date 20/07/2022 and validity 31/12/2022 Consent to Operate (CtO) Memo. no. issue date and validity. 1. CTOA/Fresh/SAS/2022/19602254 issue date 14/11/2022 and validity 31/12/2023 2. CTOW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and validity 31/12/2023 3. CTOA/Renewal/SAS/2024/24155452 issue date 06/06/2024 and validity 31/03/2026 4. CTOW/Renewal/SAS/2024/24155458 issue date 06/06/2024 and validity 31/03/2026.		Date: 12/10/2024
26	Statutory compliance	"The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project. "
PPs Submission: Complied Due permission was obtained from the Punjab Water Regulation and Development Authority (PWRDA), Chandigarh vide the given user ID 1350701644 and permission no. PWRDA /1/05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027) for the abstraction of 1680 m3/month fresh groundwater through one tube well. There is no surface water drawl for the project.		Date: 12/10/2024
27	Statutory compliance	"A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained. "
PPs Submission: Complied		Date:

The power supply adequacy/ assurance was obtained per the approval granted by the Chief Power Inspector, Govt. of Punjab vide certificate no. 007257, 18.01.2023.		12/10/2024
28	Statutory compliance	"All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities. "
PPs Submission: Complied 1. PESO We are not storing the diesel more 1000-1500 L at the site. 2. Explosives Not applicable. 3. Fire Department NOC No 1502-97548-Fire/74094 Issued date 22-08-2024 valid for one year 4. Civil aviation Not applicable. 5. Static And Mobile Pressure Vessels (Unfired) Rule Certificate Certificate of Fire NOC and testing certificate for static and mobile pressure vessels and compressed gas are enclosed		Date: 12/10/2024
29	WASTE MANAGEMENT	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.
PPs Submission: Complied Only the scheduled hazardous waste per the category given in the said Rule and as amended are accepted by the TSDF from the member units through the manifest system form 10		Date: 12/10/2024
30	WASTE MANAGEMENT	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
PPs Submission: Complied Solid waste is not generated from the premises-Not applicable.		Date: 12/10/2024
31	WASTE MANAGEMENT	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 12/10/2024
32	WASTE MANAGEMENT	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
PPs Submission: Complied Not Applicable		Date: 12/10/2024
33	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Complied The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and		Date: 12/10/2024

consequent need of installing continuous effluent monitoring system.		
34	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Four numbers of on-site piezometer wells are installed to monitor the groundwater quality. The well network is compliant to the CPCB requirement as given in Protocol for Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment Storage and Disposal Facilities including Common Hazardous Waste Incinerators/HAZWAMS/ 2010-2011, issue date 24th May 2010, annexure-V section 4.0.(b). The well network along with the individual well coordinate and ground water flow direction is shown on the TSDF layout and geo-hydrological study report of ground water around the TSDF site		Date: 12/10/2024
35	WATER QUALITY MONITORING AND PRESERVATION	The depth of the land fill site shall be decided based on the ground water table at the site.
PPs Submission: Complied Complied		Date: 12/10/2024
36	WATER QUALITY MONITORING AND PRESERVATION	"Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant. "
PPs Submission: Complied First flush rain water runoff collection pond is provided having double composite liner system (refer to Appendix 19). The contaminated water generated during the few first flushes and collected in the said pond is treated and disposed of through the Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer.		Date: 12/10/2024
37	WATER QUALITY MONITORING AND PRESERVATION	"Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water."
PPs Submission: Complied approx. 25 kL/day fresh water is consumed by the facility. Due permission was obtained from the Punjab Water Regulation and Development Authority (PWRDA), Chandigarh vide the given user ID 1350701644 and permission no. PWRDA /1/05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027) for the abstraction of 1680 m3/month fresh groundwater through one tube well		Date: 12/10/2024
38	WATER QUALITY MONITORING AND PRESERVATION	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
PPs Submission: Complied Spill control kit containing Anti-static shovel and scoop, Appropriate Broom Absorbent materials i.e. Calcium Carbonate, Lime, Caustic lye, sand and fly ash is provided at waste storage sheds, incinerator, laboratory, stabilization shed, pre-processing shed.		Date: 12/10/2024
39	WATER QUALITY MONITORING AND PRESERVATION	All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates

PPs Submission: Complied The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and consequent need of installing continuous effluent monitoring system. TCLP test of leachate is done on regular basis.			Date: 12/10/2024
40	WATER QUALITY MONITORING AND PRESERVATION	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	
PPs Submission: Complied The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and no consequent need of installing continuous effluent monitoring system			Date: 12/10/2024
41	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.	
PPs Submission: Complied Sewage (domestic effluent) is generated from Toilet and wash room. The same is collected through vacuum trucks and transported to a treatment facility.			Date: 12/10/2024
42	WATER QUALITY MONITORING AND PRESERVATION	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	
PPs Submission: Complied Not Applicable. The landfill leachate and various process- contaminated water (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) are generated as the liquid effluent in the facility. The effluents are treated and disposed of through Multiple Effect Evaporator (MEE) and/ or the incinerator spray dryer. Hence, there is no need to discharge any treated effluent in the outside environment and no consequent need of installing continuous effluent monitoring system.			Date: 12/10/2024
43	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	
PPs Submission: Complied Solar cell power street lights are installed prominent place at the facility.			Date: 12/10/2024
44	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential areas	
PPs Submission: Complied LED lights with energy saving measure are installed in the office building and operation areas.			Date: 12/10/2024
45	GREENBELT	Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.	
PPs Submission: Complied Greenbelt is developed with native plant species, e.g., Neem, Conocarpus, Sesame, Gulmohar, Papadi, Safeda, Ficus, Pilkhan, Champa, Arjun, Toona Ciliata, Dhaka Bakain, Sastut, Kadi patta,			Date: 12/10/2024

Ashok, Kangi Palm, China Palm, Areca Palm, Golden Palm, Morpankhi, etc. along the periphery of the facility		
46	GREENBELT	Top soil shall be separately stored and used in the development of green belt.
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 12/10/2024
47	LAND RECLAMATION	Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.
PPs Submission: Complied Greenbelt is developed with native plant species, e.g., Neem, Conocarpus, Sesame, Gulmohar, Papadi, Safeda, Ficus, Pilkhan, Champa, Arjun, Toona Ciliata, Dhaka Bakain, Sastut, Kadi patta, Ashok, Kangi Palm, China Palm, Areca Palm, Golden Palm, Morpankhi, etc. along the periphery of the facility		Date: 12/10/2024
48	LAND RECLAMATION	Top soil shall be separately stored and used in the development of green belt.
PPs Submission: Agreed to Comply Noted and compliance shall be ensured.		Date: 12/10/2024
49	Marine/Coastal	Not Applicable
PPs Submission: Complied Not Applicable		Date: 12/10/2024
50	MINING PLAN	Not Applicable
PPs Submission: Complied Not Applicable		Date: 12/10/2024
51	MISCELLANEOUS	"The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently (for projects involving incineration). "
PPs Submission: Complied Complied		Date: 12/10/2024
52	AIR QUALITY MONITORING AND PRESERVATION	"As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bagfilter/ESP for removal of particulate matter; venturi 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 will 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 emissions shall be carried out."

<p>PPs Submission: Complied</p> <p>Air pollution control device are provided viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs, bag filter for removal of particulate matter; venturi 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 will be provided to the incinerator. CEMS is installed at the incinerator stack per the CPCB guideline . The data acquisition and transfer are duly accomplished to the PPCB and CPCB servers. The periodical monitoring of Dioxins and Furans in the Incinerator Stack emissions is carried out by a Third party NABL accredited lab. The latest report of the common hazardous waste incinerator flue gas emission quality monitoring, done by Vimta Labs Limited, Hyderabad, having NABL accreditation</p>			Date: 11/10/2024
53	AIR QUALITY MONITORING AND PRESERVATION	"Analysis of Dioxins and Furans shall be done through CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory. "	
<p>PPs Submission: Complied</p> <p>The latest report of the common hazardous waste incinerator flue gas emission quality monitoring, done by Vimta Labs Limited, Hyderabad, having NABL accreditation.</p>			Date: 11/10/2024
54	AIR QUALITY MONITORING AND PRESERVATION	"Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator. "	
<p>PPs Submission: Complied</p> <p>The energy recovery (utilization) compliance is achieved by the way of utilization of the hot flue gas discharged from the secondary combustion chamber (temperature 1100 OC) to treat the contaminated water generated from various processes of the TDSF operation (e.g., tyre wash, laboratory wash, scrubber bleed discharge, etc.) by the way of forced evaporation (thermal quenching) in the spray dryer of the incinerator.</p>			Date: 11/10/2024
55	AIR QUALITY MONITORING AND PRESERVATION	Gas generated in the Land fill should be properly collected, monitored and flared.	
<p>PPs Submission: Agreed to Comply</p> <p>Noted and compliance shall be ensured. At present, the landfill operation is ongoing and only the temporary monsoon cover is installed as required. At the time of the permanent capping of the landfill, passive gas vents shall be provided per the gas management strategy as given in the CPCB guideline</p>			Date: 11/10/2024
56	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2and NOx emissions) within and outside the project area at least at four locations (one within the project area and three outside the project area), covering upwind and downwind directions.	
<p>PPs Submission: Complied</p> <p>Ambient air quality monitoring is carried out at four locations in and around the landfill site at upwind and downwind directions per the NAAQS requirements No.B-29016/20/90/PCI-L/, issue date: 18th November, 2009. The monitoring location individual coordinate with report is enclosed. Monitored parameters are meeting the NAAQS standard limit</p>			Date: 12/10/2024
57	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any	

		infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or share-holder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
PPs Submission: Complied Complied		Date: 12/10/2024
58	Corporate Environmental Responsibility	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
PPs Submission: Complied The organogram of the constituted environmental management cell covering the project and corporate level.		Date: 12/10/2024
59	Corporate Environmental Responsibility	"Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report"
PPs Submission: Complied Complied		Date: 12/10/2024
60	Corporate Environmental Responsibility	"Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. "
PPs Submission: Complied Annual self-environmental audit is carried out once in a year as a part of the internal audit by the corporate team. Third party environmental audit was carried out by Indian Institute of Technology (IIT), Delhi having a post-monsoon site visit on 16-Nov-23 and pre-monsoon site visit on 15th April 2024. The summary report of the IIT, Delhi audit is enclosed.		Date: 12/10/2024
61	Human Health Environment	"Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards 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"
PPs Submission: Complied On Site Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard identification and Risk Assessment and issued for implementation at the facility. The same is submitted to the Director of Factories. Disaster Management Plan ON SITE EMERGENCY and DISASTER MANAGEMENT PLAN dated 01 st August 2024		Date: 12/10/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		Reporting period (April-24 to Sept-24)

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.