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
Plot / Survey / Khasra No.	N/A
State	PUNJAB
MoEF File No.	F.No. 10 27/2016-IA.III

Category	INFRA-2
Sub-District	N/A
Entity's PAN	AAACR9626A
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 some the project proponents to the Heads of local bodies, Pa Municipal Bodies in addition to the relevant offices of Government who in turn has to display the same for 30 date of receipt."	nchayats and the
PPs St	abmission: Complied		Date: 11/10/2024
2	AIR QUALITY MONITORING AND PRESERVATION	"The project proponent shall install 24x7 continuous monitoring system at process stacks to monitor stack e respect to standards prescribed in Environment (Protect 1986 and connected to SPCB and CPCB online servers these systems from time to time according to equipment specification through labs recognized under Environment Act, 1986 or NABL accredited laboratories. (for project incineration).	mission with etion) Rules is and calibrate int supplier ent (Protection
CEMS is		24x7 continuous emission monitoring system and . The calibration of CEMS is performed by Third party	Date: 11/10/2024
3	AIR QUALITY MONITORING AND	"As proposed, air pollution control device viz. gas que treatment with mixture of hydrated lime and activated	

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, SO2, NOx 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
4 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
6 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.

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 / forest / wildlife norms / conditions and / or share-hold holders. The copy of the board resolution in this regard submitted to the MoEF&CC as a part of six-monthly resolution.	der's / stake I shall be
PPs :	Submission: Complied ied		Date: 11/10/2024
8	Corporate Environmental Responsibility	A separate Environmental Cell both at the project an head quarter level, with qualified personnel shall be se control of senior Executive, who will directly to the he organization.	t up under the
The or	Submission: Complied ganogram of the constituted environme ate level.	ental management cell covering the project and	Date: 11/10/2024
9	Corporate Environmental Responsibility	"Action plan for implementing EMP and environmer along with responsibility matrix of the company shall I shall be duly approved by competent authority. The ye earmarked for environmental protection measures shal separate account and not to be diverted for any other p wise progress of implementation of action plan shall be the Ministry/Regional Office along with the Six Month Report"	be prepared a ar wise funds I be kept in urpose. Year e reported to
PPs :	Submission: Complied lied		Date: 11/10/2024
10	Corporate Environmental Responsibility	"Self-environmental audit shall be conducted annual years third party environmental audit shall be carried or	
Annua corpora (IIT), I	ate team. Third party environmental au	t once in a year as a part of the internal audit by the dit was carried out by Indian Institute of Technology on 16-Nov-23 and pre-monsoon site visit on 15th April udit is enclosed.	Date: 11/10/2024
11	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of build light system for all common areas, street lights, parkin project area and maintain the same regularly;	
	Submission: Complied cell power street lights are installed at the	ne facility.	Date: 11/10/2024
12	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential are	eas
	Submission: Complied ghts with energy saving measure are in	astalled in the office building and operation areas.	Date: 11/10/2024
13	GREENBELT	Green belt shall be developed in area as provided in with native tree species in accordance with Forest Dep greenbelt shall inter alia cover the entire periphery of t	artment. The
		·	

GREENBELT		velopment of
1	green belt.	T
ubmission: Agreed to Comply nd compliance shall be ensured.		Date: 11/10/2024
Human Health Environment	"Emergency plan shall be drawn in consultation with and implemented in order to minimize the hazards to h environment from fires, explosion or any unplanned su sudden release of hazardous waste or hazardous waste air, soil or surface water"	uman health idden or non-
eation and Risk Assessment and issued to the Director of Factories. Disa	ned for implementation at the facility. The same is ster Management Plan ON SITE EMERGENCY and	Date: 11/10/2024
LAND RECLAMATION	"Project Proponent shall develop green belt with natispecies that are significant and used for the pollution a least 10 m thick greenbelt shall be developed in the penazardous waste facility."	batement. At
Safeda, Ficus, Pilkhan, Champa, Ar	jun, Toona Ciliata, Dhaka Bakain, Sastut, Kadi patta,	Date: 11/10/2024
Marine/Coastal	Not Applicable	
ubmission: Complied plicable		Date: 11/10/2024
MINING PLAN	Not Applicable	'
ubmission: Complied plicable		Date: 11/10/2024
MISCELLANEOUS	"The project proponent shall make public the environ clearance granted for their project along with the environment conditions and safeguards at their cost by prominently at least in two local newspapers of the District or State shall be in the vernacular language within seven days at this shall also be displayed in the project proponent's was permanently (for projects involving incineration)."	onmental advertising in advertising in a contract of which or and in addition
ubmission: Complied		Date: 11/10/2024
	Human Health Environment ubmission: Complied Emergency preparation plan (PWM cation and Risk Assessment and issued to the Director of Factories. Disa FER MANAGEMENT PLAN dated LAND RECLAMATION ubmission: Complied elt is developed with native plant sp Safeda, Ficus, Pilkhan, Champa, Ar Kangi Palm, China Palm, Areca Pal ity Marine/Coastal ubmission: Complied blicable MINING PLAN ubmission: Complied blicable MISCELLANEOUS	### Human Health Environment ### "Emergency plan shall be drawn in consultation with and implemented in order to minimize the hazards to be environment from fires, explosion or any unplanned stands under release of hazardous waste or hazardous waste air, soil or surface water" #### Submission: Complied #### Emergency preparation plan (PWMP/EPP) is duly prepared based on the Hazard ration and Risk Assessment and issued for implementation at the facility. The same is edit to the Director of Factories. Disaster Management Plan ON SITE EMERGENCY and TER MANAGEMENT PLAN dated 01 st August 2024 ##################################

		MoEFCC/SEIAA website where it is displayed (For print involving only Landfill without incineration)."	rojects
PPs S Compli	Submission: Complied led		Date: 11/10/2024
21	Statutory compliance	"The project proponent shall prepare a Site-Specific of Plan & Wildlife Management Plan and approved by the Wildlife Warden. The recommendations of the approved Specific Conservation Plan / Wildlife Management Plan implemented in consultation with the State Forest Deptimplementation report shall be furnished along with the compliance report (in case of the presence of Schedule the study area) "	e Chief ed Site- an shall be artment. The e six-monthly
	Submission: Complied plicable.		Date: 11/10/2024
22	Statutory compliance	"The project proponent shall obtain Consent to Estab under the provisions of Air (Prevention & Control of P 1981 and the Water (Prevention & Control of Pollution from the concerned State Pollution Control Board/ Con	Pollution) Act, n) Act, 1974
The fac (PPCB) no issue 25/10/2 CTE/E). The chronological issue of the coe date and validity. 1. CTE/Exp/SA	nsents duly issued by the Punjab Pollution Control Board onsents is noted below. Consent to Establish (CtE) Memo. AS/2016/4349810, issue date 26/10/2016 and validity 537, issue date 28/05/2020 and validity 31/05/2021 3. e 06/09/2021 and validity 25/10/2021 4.	Date:
CTE/Ex (CtO) N 14/11/2 validity	xp/SAS/2022/18976864, issue date Memo. no. issue date and validity. 1 2022 and validity 31/12/2023 2. CT of 31/12/2023 3. CTOA/Renewal/SA	te 29/12/2021 and validity 31/12/2021 5. 20/07/2022 and validity 31/12/2022 Consent to Operate 1. CTOA/Fresh/SAS/2022/19602254 issue date COW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and AS/2024/24155452 issue date 06/06/2024 and validity 4/24155458 issue date 06/06/2024 and validity 31/03/2026	11/10/2024
CTE/E: (CtO) N 14/11/2 validity 31/03/2	xp/SAS/2022/18976864, issue date Memo. no. issue date and validity. 1 2022 and validity 31/12/2023 2. CT of 31/12/2023 3. CTOA/Renewal/SA	te 29/12/2021 and validity 31/12/2021 5. e 20/07/2022 and validity 31/12/2022 Consent to Operate 1. CTOA/Fresh/SAS/2022/19602254 issue date OW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and AS/2024/24155452 issue date 06/06/2024 and validity	rmission from of ground wat
CTE/E: (CtO) M 14/11/2 validity 31/03/2 23 PPs S Due pe: (PWRI: ///05/20	xp/SAS/2022/18976864, issue date Memo. no. issue date and validity. It 2022 and validity 31/12/2023 2. CT of 31/12/2023 3. CTOA/Renewal/SAS/2026 4. CTOW/Renewal/SAS/2024 Statutory compliance Submission: Complied rmission was obtained from the PurpoA), Chandigarh vide the given use 2024/L2/399, 21.05.2024 (valid up to 2024/L2/399)	te 29/12/2021 and validity 31/12/2021 5. 20/07/2022 and validity 31/12/2022 Consent to Operate 1. CTOA/Fresh/SAS/2022/19602254 issue date 1. CW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and 1. CTOA/Fresh/SAS/2022/19602257 issue date 14/11/2022 and 1. CTOA/Fresh/SAS/2022/19602254 issue date 14/11/2022 issue date 14/11/202	rmission from of ground wat awl of surface Date:
CTE/E: (CtO) M 14/11/2 validity 31/03/2 23 PPs S Due per (PWRE /I/05/20 ground	xp/SAS/2022/18976864, issue date Memo. no. issue date and validity. It 2022 and validity 31/12/2023 2. CT of 31/12/2023 3. CTOA/Renewal/SAS/2026 4. CTOW/Renewal/SAS/2024 Statutory compliance Submission: Complied rmission was obtained from the PurpoA), Chandigarh vide the given use 2024/L2/399, 21.05.2024 (valid up to 2024/L2/399)	te 29/12/2021 and validity 31/12/2021 5. 20/07/2022 and validity 31/12/2022 Consent to Operate 1. CTOA/Fresh/SAS/2022/19602254 issue date 1. CW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and 1. CTOA/Fresh/SAS/2022/19602257 issue date 14/11/2022 and 1. CTOA/Fresh/SAS/2022/19602254 issue date 14/11/2022	prmission from of ground wat awl of surface Date: 11/10/2024
CTE/E: (CtO) M 14/11/2 validity 31/03/2 23 PPs S Due per (PWRI /I/05/20 ground 24 PPs S The por	Submission: Complied Statutory compliance	te 29/12/2021 and validity 31/12/2021 5. 20/07/2022 and validity 31/12/2022 Consent to Operate 1. CTOA/Fresh/SAS/2022/19602254 issue date OW/Fresh/SAS/2022/19602257 issue date 14/11/2022 and AS/2024/24155452 issue date 06/06/2024 and validity 4/24155458 issue date 06/06/2024 and validity 31/03/2026 "The project proponent shall obtain the necessary per the Central Ground Water Authority, in case of drawl of / from the competent authority concerned in case of drawler authority concerned in case of drawler required for the project." In a supplying the abstraction of 1680 m3/month fresh a is no surface water drawl for the project. "A certificate of adequacy of available power from the supplying power to the project along with the load allo project should be obtained." The project approval granted by the Chief Power are supplying power to the project along with the load allo project should be obtained."	Date: 11/10/2024

	proponents from the respective competent authorities.	"
partment NOC No 1502-97548-Fire/74 Not applicable. 5. Static And Mobile	4094 Issued date 22-08-2024 valid for one year 4. Civil Pressure Vessels (Unfired) Rule Certificate Certificate	Date: 11/10/2024
WASTE MANAGEMENT	No non-hazardous wastes, as defined under the Haza Other Wastes (Management and Transboundary Mover 2016, shall be handled in the premises.	
		Date: 11/10/2024
WASTE MANAGEMENT	The solid wastes shall be segregated, managed and dithe norms of the Solid Waste Management Rules, 2016	
ubmission: Complied aste is not generated from the premises	s-Not applicable.	Date: 11/10/2024
WASTE MANAGEMENT	Any wastes from construction and demolition activities thereto shall be managed so as to strictly conform to the and Demolition Waste Management Rules, 2016.	
ubmission: Agreed to Comply nd compliance shall be ensured.		Date: 11/10/2024
WASTE MANAGEMENT	A certificate from the competent authority handling r wastes should be obtained, indicating the existing civic handling and their adequacy to cater to the M.S.W. ger project.	capacities of
ubmission: Complied licable.		Date: 11/10/2024
WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall install continuous effluer system with respect to standards prescribed in Environ (Protection) Rules 1986 and connected to SPCB and C servers and calibrate these systems from time to time a equipment supplier specification through labs recogniz Environment (Protection) Act, 1986 or NABL accredit laboratories.	ment PCB online ccording to ed under
r bleed discharge, etc.) are generated a and disposed of through Multiple Effection, there is no need to discharge any	s the liquid effluent in the facility. The effluents are ct Evaporator (MEE) and/ or the incinerator spray y treated effluent in the outside environment and	Date: 11/10/2024
WATER QUALITY MONITORING AND PRESERVATION	Sufficient number of Piezometer wells shall be instal around the project site to monitor the ground water qua consultation with the State Pollution Control Board / C analysis of ground water quality shall be carried out ea information shall be submitted to the SPCB and the Re	llity in PCB. Trend ch season and
	D We are not storing the diesel more 10 partment NOC No 1502-97548-Fire/74 Not applicable. 5. Static And Mobile NOC and testing certificate for static ad WASTE MANAGEMENT ubmission: Complied e scheduled hazardous waste per the cad by the TSDF from the member units WASTE MANAGEMENT ubmission: Complied aste is not generated from the premise WASTE MANAGEMENT ubmission: Agreed to Comply and compliance shall be ensured. WASTE MANAGEMENT ubmission: Complied dicable. WASTE MANAGEMENT ubmission: Complied dicable. WASTE MANAGEMENT which is a state of the can be a	ubmission: Complied Dec are not storing the diesel more 1000-1500 L at the site. 2. Explosives Not applicable. 3. partment NOC No 1502-97548-Fire7-4094 Issued date 22-08-2024 valid for one year 4. Civil Not applicable. 5. Static And Mobile Pressure Vessels (Unfired) Rule Certificate Certificate Proceedings of the Static and mobile pressure vessels and compressed gas are decided the string certificate for static and mobile pressure vessels and compressed gas are decided the string certificate for static and mobile pressure vessels and compressed gas are decided the string certificate for static and mobile pressure vessels and compressed gas are decided the string of

Four nonetwork Monito Commannexu water f	ck is compliant to the CPCB requirement oring of the Common Hazardous Waste on Hazardous Waste Incinerators/HAZ are-V section 4.0.(b). The well network	installed to monitor the groundwater quality. The well at as given in Protocol for Performance Evaluation and Treatment Storage and Disposal Facilities including WAMS//2010-2011, issue date 24th May 2010, along with the individual well coordinate and ground yout and geo-hydrological study report of ground	Date: 12/10/2024
32	WATER QUALITY MONITORING AND PRESERVATION	The depth of the land fill site shall be decided based water table at the site.	on the ground
PPs S	Submission: Complied ied		Date: 11/10/2024
33	WATER QUALITY MONITORING AND PRESERVATION	"Rain water runoff from the landfill area and other had management area shall be collected and treated in the extreatment plant."	
First fl to App said po	endix 19). The contaminated water ger	provided having double composite liner system (refer nerated during the few first flushes and collected in the ne Multiple Effect Evaporator (MEE) and/ or the	Date: 11/10/2024
34	WATER QUALITY MONITORING AND PRESERVATION	"Total fresh water use shall not exceed the proposed provided in the project details. Prior permission from c authority shall be obtained for use of fresh water."	
approx Punjab 135070	Water Regulation and Development A	the facility. Due permission was obtained from the uthority (PWRDA), Chandigarh vide the given user ID 5/2024/L2/399, 21.05.2024 (valid up to 20.05.2027) oundwater through one tube well	Date: 11/10/2024
35	WATER QUALITY MONITORING AND PRESERVATION	The Company shall ensure proper handling of all spi introducing spill control procedures for various chemic	
Spill co		and scoop, Appropriate Broom Absorbent materials and and fly ash is provided at waste storage sheds, processing shed.	Date: 11/10/2024
36	WATER QUALITY MONITORING AND PRESERVATION	All leachates arising from premises should be collect in the ETP followed by RO. RO rejects shall be evapor Toxicity Characteristic Leaching Procedure (TCLP) te performed on leachates	rated in MEE
The lar scrubb treated dryer.	er bleed discharge, etc.) are generated a and disposed of through Multiple Effect Hence, there is no need to discharge any	taminated water (e.g., tyre wash, laboratory wash, so the liquid effluent in the facility. The effluents are ct Evaporator (MEE) and/ or the incinerator spray by treated effluent in the outside environment and ent monitoring system. TCLP test of leachate is done	Date: 11/10/2024

37	MONITORING AND PRESERVATION	treated in the effluent treatment plant followed by RO liquid discharge.	LO GENILO VO ZOI
The lar scrubbe treated dryer. l	er bleed discharge, etc.) are generate and disposed of through Multiple Ef	contaminated water (e.g., tyre wash, laboratory wash, d as the liquid effluent in the facility. The effluents are ffect Evaporator (MEE) and/ or the incinerator spray any treated effluent in the outside environment and fluent monitoring system	Date: 11/10/2024
38	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant shall be provided to treat the generated from the project. Treated water shall be reus project.	
Sewage	Submission: Complied e (domestic effluent) is generated fro n trucks and transported to a treatment	om Toilet and wash room. The same is collected through nt facility.	Date: 11/10/2024
39	WATER QUALITY MONITORING AND PRESERVATION	A certificate from the competent authority for discharge effluent/ untreated effluents into the Public sewer/ dispays systems along with the final disposal point should be only the competent authority for discharge effluents.	posal/drainage
Not Ap aborat The eff nciner	ory wash, scrubber bleed discharge, fluents are treated and disposed of the	arious process- contaminated water (e.g., tyre wash, etc.) are generated as the liquid effluent in the facility. rough Multiple Effect Evaporator (MEE) and/ or the need to discharge any treated effluent in the outside ling continuous effluent monitoring system.	Date: 11/10/2024
J11 V 11 O1	1	ing continuous critical monitoring system.	
	MISCELLANEOUS	"The project proponent shall upload the status of constipulated environment clearance conditions, including monitored data on their website and update the same obasis."	g results of
40 PPs S The sta	MISCELLANEOUS Submission: Complied	"The project proponent shall upload the status of constipulated environment clearance conditions, including monitored data on their website and update the same of	g results of
PPs \$	MISCELLANEOUS Submission: Complied atus of stipulated environmental clear	"The project proponent shall upload the status of constipulated environment clearance conditions, including monitored data on their website and update the same obasis."	Date: 11/10/2024
PPs \$ The stanttps://	MISCELLANEOUS Submission: Complied attus of stipulated environmental clear (pwmp.resustainability.com/ MISCELLANEOUS Submission: Complied onthly environmental clearance conditions.	"The project proponent shall upload the status of constipulated environment clearance conditions, including monitored data on their website and update the same obasis." rance conditions compliance is uploaded in the website "The project proponent shall submit six-monthly repstatus of the compliance of the stipulated environment on the website of the ministry of Environment, Forest	Date: 11/10/2024
PPs Statement of the st	MISCELLANEOUS Submission: Complied attus of stipulated environmental clear (pwmp.resustainability.com/ MISCELLANEOUS Submission: Complied onthly environmental clearance conditions.	"The project proponent shall upload the status of constipulated environment clearance conditions, including monitored data on their website and update the same obasis." Tance conditions compliance is uploaded in the website "The project proponent shall submit six-monthly repstatus of the compliance of the stipulated environment on the website of the ministry of Environment, Forest Change at environment clearance portal."	Date: 11/10/2024 Date: 11/10/2024 Date: 11/10/2024 Date: 11/10/2024
PPs \$ The sta https:// 41 PPs \$ Six-mo MoEF 42 PPs \$ Environ	MISCELLANEOUS Submission: Complied atus of stipulated environmental clear (pwmp.resustainability.com/ MISCELLANEOUS Submission: Complied and CC website. The last submission MISCELLANEOUS MISCELLANEOUS	"The project proponent shall upload the status of constipulated environment clearance conditions, including monitored data on their website and update the same obasis." The project proponent shall submit six-monthly repstatus of the compliance of the stipulated environment on the website of the ministry of Environment, Forest Change at environment clearance portal. " The project proponent shall submit the environment on the website of the ministry of Environment, Forest Change at environment clearance portal. " The project proponent shall submit the environment on 9-Apr-24 (acknowledgement copy is enclosed) "The project proponent shall submit the environment for each financial year in Form-V to the concerned State Control Board as prescribed under the Environment (Forest Rules, 1986, as amended subsequently and put on the	Date: 11/10/2024 Date: 11/10/2024 Date: 11/10/2024 Date: 11/10/2024

		public domain (in case of incineration involved). "	
Digital	Submission: Complied environmental information displayate for public domain.	y of the requisite aspects is available beside the facility	Date: 11/10/2024
44	MISCELLANEOUS	"The project proponent shall inform the Regional the Ministry, the date of financial closure and final a project by the concerned authorities, commencing the development work and start of production operation	approval of the ne land
PPs S	Submission: Complied ed		Date: 11/10/2024
45	MISCELLANEOUS	"The project authorities must strictly adhere to the made by the State Pollution Control Board and the S Government."	
PPs S Compli	Submission: Complied ed		Date: 11/10/2024
46	MISCELLANEOUS	"The project proponent shall abide by all the commercommendations made in the EIA/EMP report, conduring Public Hearing and also that during their present Appraisal Committee."	nmitment made
PPs S	Submission: Complied ed		Date: 11/10/2024
47	MISCELLANEOUS	"No further expansion or modifications in the plan out without prior approval of the Ministry of Enviro and Climate Change (MoEF&CC)."	
	Submission: Agreed to Comply and compliance shall be ensured.		Date: 11/10/2024
48	MISCELLANEOUS	"Concealing factual data or submission of false/fal result in revocation of this environmental clearance under the provisions of Environment (Protection) A	and attract actio
	Submission: Agreed to Comply and compliance shall be ensured		Date: 11/10/2024
110104	MISCELLANEOUS	"The Ministry may revoke or suspend the clearance implementation of any of the above conditions is no	
49	Submission: Agreed to Comply		Date: 11/10/2024

	ubmission: Agreed to Comply nd compliance shall be ensured.	1	Date: 1/10/2024
51	MISCELLANEOUS	"The Regional Office of this Ministry shall monitor the stipulated conditions. The project authorities shoul cooperation to the officer (s) of the Regional Office by requisite data / information/monitoring reports."	d extend full
PPs S Noted	ubmission: Agreed to Comply		Date: 11/10/2024
52	MISCELLANEOUS	"The above conditions shall be enforced, inter-alia uprovisions of the Water (Prevention & Control of Poll 1974, the Air (Prevention & Control of Pollution) Act Environment (Protection) Act, 1986, Hazardous and C (Management and Transboundary Movement) Rules, 2 Public Liability Insurance Act, 1991 along with their a and Rules and any other orders passed by the Hon'ble of India / High Courts and any other Court of Law relative subject matter."	ution) Act, , 1981, the Other Wastes 2016 and the amendments Supreme Cou
PPs S Noted	ubmission: Agreed to Comply		Date: 11/10/2024
53	MISCELLANEOUS	"Any appeal against this EC shall lie with the Nation Tribunal, if preferred, within a period of 30 days as pr Section 16 of the National Green Tribunal Act, 2010.	escribed unde
PPs S Noted	ubmission: Agreed to Comply		Date: 11/10/2024
54	Noise Monitoring & Prevention	The ambient noise levels should conform to the stan prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during night time.	
Ambien laborate		at four locations of the facility by the on-site dited external laboratory on quarterly basis. The day- ated limit	Date: 11/10/2024
55	PUBLIC HEARING	Emergency preparedness plan based on the Hazard I and Risk Assessment (HIRA) and Disaster Manageme implemented.	
On-Site	ubmission: Complied Emergency preparation plan (PWMP/cation and Risk Assessment and issued	(EPP) is duly prepared based on the Hazard for implementation at the facility.	Date: 11/10/2024
56	PUBLIC HEARING	Provision shall be made for the housing of construct within the site with all necessary infrastructure and fact fuel for cooking, mobile toilets, mobile STP, safe drin medical health care, crèche etc. The housing may be in temporary structures to be removed after the completic project.	cilities such a king water, a the form of
	ubmission: Complied		Date:

			11/10/2024
57	PUBLIC HEARING	Occupational health surveillance of the workers shall regular basis.	be done on a
Pre-depl six mont		of employees and workers are carried out. The regular the CPCB guidelines Protocol of Performance AMS//2010-2011	Date: 11/10/2024
58	Risk Mitigation and Disaster Management	Emergency preparedness plan based on the Hazard Io and Risk Assessment (HIRA) and Disaster Manageme implemented.	
On-Site	abmission: Complied Emergency preparation plan (PWMP/ ation and Risk Assessment and issued	EPP) is duly prepared based on the Hazard for implementation at the facility	Date: 11/10/2024
59	Statutory compliance	"The project proponent shall obtain forest clearance provisions of Forest (Conservation) Act, 1980, in case diversion of forest land for non-forest purpose involve project."	of the
PPs Si Not appl	abmission: Complied icable.		Date: 11/10/2024
60	AIR QUALITY MONITORING AND PRESERVATION	Gas generated in the landfill should be properly collemonitored and flared.	ected,
Noted an temporar	ry monsoon cover is installed as requi passive gas vents shall be provided pe	esent, the landfill operation is ongoing and only the red. At the time of the permanent capping of the er the gas management strategy as given in the CPCB	Date: 11/10/2024

General Conditions

2

MISCELLANEOUS

Sr.No.	Condition Type	Condition Details	
1	AIR QUALITY MONITORING AND PRESERVATION	"The project proponent shall install 24x7 continuous monitoring system at process stacks to monitor stack e respect to standards prescribed in Environment (Protect 1986 and connected to SPCB and CPCB online servers these systems from time to time according to equipment specification through labs recognized under Environment Act, 1986 or NABL accredited laboratories. (for project incineration).	mission with tion) Rules and calibrate at supplier ent (Protection)
CEMS is		24x7 continuous emission monitoring system and The calibration of CEMS is performed by Third party	Date: 11/10/2024
		"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 MoEFCC/SEIAA website where it is displayed (For involving only Landfill without incineration)."	
PPs S Compl	Submission: Complied ied		Date: 12/10/2024
3	MISCELLANEOUS	"The copies of the environmental clearance shall be the project proponents to the Heads of local bodies, I Municipal Bodies in addition to the relevant offices of Government who in turn has to display the same for date of receipt."	Panchayats and of the
PPs S	Submission: Complied ied		Date: 12/10/2024
4	MISCELLANEOUS	"The project proponent shall upload the status of constituted environment clearance conditions, including monitored data on their website and update the same basis."	ng results of
The sta	Submission: Complied atus of stipulated environmental cleed in the website https://pwmp.res	earance conditions compliance and monitored data is ustainability.com/	Date: 12/10/2024
5	MISCELLANEOUS	"The project proponent shall submit six-monthly restatus of the compliance of the stipulated environment on the website of the ministry of Environment, Forest Change at environment clearance portal."	ntal conditions
Six-mo	Submission: Complied onthly environmental clearance con and CC website. The last submission	nditions compliance report is routinely submitted to the ion on 9-Apr-24	Date: 12/10/2024
6	MISCELLANEOUS	"The project proponent shall submit the environme for each financial year in Form-V to the concerned S Control Board as prescribed under the Environment Rules, 1986, as amended subsequently and put on the company."	tate Pollution (Protection)
	Submission: Complied nmental statement (Form V) was s	submitted to the PPCB on as enclosed.	Date: 12/10/2024
7	MISCELLANEOUS	"The criteria pollutant levels namely; PM2.5, PM1 (ambient levels as well as stack emissions) or critical parameters, indicated for the project shall be monitor at a convenient location near the main gate of the corpublic domain (in case of incineration involved).	l sectoral red and display
Digital	Submission: Complied environmental information displa ate for public domain disclosure	y of the requisite aspects is available beside the facility	Date: 12/10/2024
8	MISCELLANEOUS	"The project proponent shall inform the Regional C the Ministry, the date of financial closure and final a project by the concerned authorities, commencing th development work and start of production operation	pproval of the e land

PPs S Compli	ubmission: Complied ed		Date: 12/10/2024
9	MISCELLANEOUS	"The project authorities must strictly adhere to to made by the State Pollution Control Board and th Government."	
PPs S Compli	ubmission: Complied		Date: 12/10/2024
10	MISCELLANEOUS	"The project proponent shall abide by all the co recommendations made in the EIA/EMP report, of during Public Hearing and also that during their property Expert Appraisal Committee."	commitment made
PPs S Compli	ubmission: Complied		Date: 12/10/2024
11	MISCELLANEOUS	"No further expansion or modifications in the p out without prior approval of the Ministry of Env and Climate Change (MoEF&CC)."	
	ubmission: Agreed to Comply nd compliance shall be ensured.		Date: 12/10/2024
12	MISCELLANEOUS	"Concealing factual data or submission of false, result in revocation of this environmental clearant under the provisions of Environment (Protection)	ce and attract actio
	ubmission: Agreed to Comply nd compliance shall be ensured		Date: 12/10/2024
13	MISCELLANEOUS	"The Ministry may revoke or suspend the cleara implementation of any of the above conditions is	
PPs S Noted	ubmission: Agreed to Comply		Date: 12/10/2024
14	MISCELLANEOUS	"The Ministry reserves the right to stipulate add found necessary. The Company in a time bound rimplement these conditions."	
	ubmission: Agreed to Comply nd compliance shall be ensured.		Date: 12/10/2024
15	MISCELLANEOUS	"The Regional Office of this Ministry shall more the stipulated conditions. The project authorities a cooperation to the officer (s) of the Regional Office requisite data / information/monitoring reports."	should extend full
PPs S Noted	ubmission: Complied		Date: 12/10/2024
16	MISCELLANEOUS	"The above conditions shall be enforced, inter-a provisions of the Water (Prevention & Control of	

		1974, the Air (Prevention & Control of Pollution) Act, Environment (Protection) Act, 1986, Hazardous and O (Management and Transboundary Movement) Rules, 2 Public Liability Insurance Act, 1991 along with their a and Rules and any other orders passed by the Hon'ble S of India / High Courts and any other Court of Law rela	ther Wastes 2016 and the mendments Supreme Cour
PPs S	Submission: Complied	subject matter. "	Date: 12/10/2024
17	MISCELLANEOUS	"Any appeal against this EC shall lie with the Nation Tribunal, if preferred, within a period of 30 days as pre Section 16 of the National Green Tribunal Act, 2010."	escribed under
PPs S Noted	Submission: Agreed to Comply		Date: 12/10/2024
18	Noise Monitoring & Prevention	The ambient noise levels should conform to the stand prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during night time.	
Ambier laborate		at four locations of the facility by the on-site dited external laboratory on quarterly basis. The day-ted limit.	Date: 12/10/2024
		Emergency preparedness plan based on the Hazard Io	dentification
19	PUBLIC HEARING	and Risk Assessment (HIRA) and Disaster Management implemented.	
PPs S	Submission: Complied	and Risk Assessment (HIRA) and Disaster Management implemented. (EPP) is duly prepared based on the Hazard	nt Plan shall Date:
PPs S On-Site identifi	Submission: Complied e Emergency preparation plan (PWMP/	and Risk Assessment (HIRA) and Disaster Management implemented. (EPP) is duly prepared based on the Hazard	Date: 12/10/2024 on labour ilities such asking water, a the form of
PPs SOn-Site identification identifi	Submission: Complied e Emergency preparation plan (PWMP/cation and Risk Assessment and issued	and Risk Assessment (HIRA) and Disaster Management implemented. (EPP) is duly prepared based on the Hazard I for implementation at the facility. Provision shall be made for the housing of constructing within the site with all necessary infrastructure and fact fuel for cooking, mobile toilets, mobile STP, safe drink medical health care, crèche etc. The housing may be in temporary structures to be removed after the completion	Date: 12/10/2024 on labour ilities such asking water, the form of on of the Date:
PPs S On-Site identifi 20 PPs S Not app	Submission: Complied to Emergency preparation plan (PWMP) to cation and Risk Assessment and issued PUBLIC HEARING Submission: Complied	and Risk Assessment (HIRA) and Disaster Management implemented. (EPP) is duly prepared based on the Hazard I for implementation at the facility. Provision shall be made for the housing of constructing within the site with all necessary infrastructure and fact fuel for cooking, mobile toilets, mobile STP, safe drink medical health care, crèche etc. The housing may be in temporary structures to be removed after the completion	Date: 12/10/2024 on labour ilities such asking water, the form of on of the Date: 12/10/2024
On-Site identification of the second of the	Submission: Complied e Emergency preparation plan (PWMP/ cation and Risk Assessment and issued PUBLIC HEARING Submission: Complied plicable. PUBLIC HEARING Submission: Complied ployment and regular health check-up of	and Risk Assessment (HIRA) and Disaster Managemer implemented. (EPP) is duly prepared based on the Hazard I for implementation at the facility. Provision shall be made for the housing of constructive within the site with all necessary infrastructure and fact fuel for cooking, mobile toilets, mobile STP, safe drink medical health care, crèche etc. The housing may be intemporary structures to be removed after the completic project. Occupational health surveillance of the workers shall regular basis.	Date: 12/10/2024 on labour ilities such asking water, the form of on of the Date: 12/10/2024

identifi	Submission: Complied e Emergency preparation plan (PWMP/cation and Risk Assessment and issued	Err) is daily prepared sused on the Huzard	Date: 2/10/2024
23	Statutory compliance	"The project proponent shall obtain forest clearance provisions of Forest (Conservation) Act, 1980, in case diversion of forest land for non-forest purpose involve project."	of the
	Submission: Complied oplicable		Date: 12/10/2024
24	Statutory compliance	"The project proponent shall prepare a Site-Specific Plan & Wildlife Management Plan and approved by th Wildlife Warden. The recommendations of the approv Specific Conservation Plan / Wildlife Management Pla implemented in consultation with the State Forest Dep implementation report shall be furnished along with the compliance report (in case of the presence of Schedule the study area) "	e Chief ed Site- an shall be artment. The e six-monthly
	Submission: Complied plicable		Date: 12/10/2024
25	Statutory compliance	"The project proponent shall obtain Consent to Established the provisions of Air (Prevention & Control of F 1981 and the Water (Prevention & Control of Pollution from the concerned State Pollution Control Board/ Cont	Pollution) Act n) Act, 1974
The fac (PPCB) no issu- 25/10/2 CTE/E: CTE/F:). The chronological issue of the conserved and validity. 1. CTE/Exp/SAS/202017 2. CTE/Exp/SAS/2020/12568537, xp/SAS/2021/16465939, issue date 06/resh/SAS/2021/17067019, issue date 29/xp/SAS/2022/18976864, issue date 20/Memo. no. issue date and validity. 1. C		Date: 12/10/2024
14/11/2 validity	31/12/2023 3. CTOA/Renewal/SAS/2	2024/24155452 issue date 06/06/2024 and validity 155458 issue date 06/06/2024 and validity 31/03/2026.	
14/11/2 validity 31/03/2	31/12/2023 3. CTOA/Renewal/SAS/2	2024/24155452 issue date 06/06/2024 and validity	of ground wa
14/11/2 validity 31/03/2 26 PPs S Due pe (PWRI	Statutory compliance Submission: Complied rmission was obtained from the Punjab DA), Chandigarh vide the given user ID	"The project proponent shall obtain the necessary pe the Central Ground Water Authority, in case of drawl / from the competent authority concerned in case of dr water required for the project." Water Regulation and Development Authority 1350701644 and permission no. PWRDA 105.2027) for the abstraction of 1680 m3/month fresh	of ground wa
14/11/2 validity 31/03/2 26 PPs S Due pe (PWRI /I/05/20	Submission: Complied rmission was obtained from the Punjab DA), Chandigarh vide the given user ID 1024/L2/399, 21.05.2024 (valid up to 20	"The project proponent shall obtain the necessary pe the Central Ground Water Authority, in case of drawl / from the competent authority concerned in case of dr water required for the project." Water Regulation and Development Authority 1350701644 and permission no. PWRDA 105.2027) for the abstraction of 1680 m3/month fresh	Date: 12/10/2024

	ower supply adequacy/ assurance was tor, Govt. of Punjab vide certificate n	obtained per the approval granted by the Chief Power o. 007257, 18.01.2023.	12/10/2024
28	Statutory compliance	"All other statutory clearances such as the approvals diesel from Chief Controller of Explosives, Fire Depart Aviation Department shall be obtained, as applicable by proponents from the respective competent authorities."	rtment, Civil by project
1. PES Fire Do aviatio	epartment NOC No 1502-97548-Fire, in Not applicable. 5. Static And Mobil NOC and testing certificate for static	1000-1500 L at the site. 2. Explosives Not applicable. 3. /74094 Issued date 22-08-2024 valid for one year 4. Civil le Pressure Vessels (Unfired) Rule Certificate Certificate and mobile pressure vessels and compressed gas are	Date: 12/10/2024
29	WASTE MANAGEMENT	No non-hazardous wastes, as defined under the Haza Other Wastes (Management and Transboundary Move 2016, shall be handled in the premises.	
Only tl		category given in the said Rule and as amended are ts through the manifest system form 10	Date: 12/10/2024
30	WASTE MANAGEMENT	The solid wastes shall be segregated, managed and d the norms of the Solid Waste Management Rules, 2010	
	Submission: Complied waste is not generated from the premise.	ses-Not applicable.	Date: 12/10/2024
31	WASTE MANAGEMENT	Any wastes from construction and demolition activit thereto shall be managed so as to strictly conform to the and Demolition Waste Management Rules, 2016.	
	Submission: Agreed to Comply and compliance shall be ensured.		Date: 12/10/2024
32	WASTE MANAGEMENT	A certificate from the competent authority handling is wastes should be obtained, indicating the existing civic handling and their adequacy to cater to the M.S.W. get project.	c capacities o
	Submission: Complied opplicable		Date: 12/10/2024
33	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall install continuous effluer system with respect to standards prescribed in Environ (Protection) Rules 1986 and connected to SPCB and C servers and calibrate these systems from time to time a equipment supplier specification through labs recogniz Environment (Protection) Act, 1986 or NABL accredit laboratories.	ment PCB online according to zed under
The lar	er bleed discharge, etc.) are generated and disposed of through Multiple Ef	ontaminated water (e.g., tyre wash, laboratory wash, l as the liquid effluent in the facility. The effluents are fect Evaporator (MEE) and/ or the incinerator spray any treated effluent in the outside environment and	Date: 12/10/2024

	quent need of installing continuous effl	uent monitoring system.	
34	WATER QUALITY MONITORING AND PRESERVATION	Sufficient number of Piezometer wells shall be instal around the project site to monitor the ground water quaconsultation with the State Pollution Control Board / Canalysis of ground water quality shall be carried out earniformation shall be submitted to the SPCB and the Re of MoEF&CC.	ality in CPCB. Trend ch season and
Four ranetwo Monit Commannex water	rk is compliant to the CPCB requirement oring of the Common Hazardous Waston Hazardous Waste Incinerators/HAZure-V section 4.0.(b). The well network	e installed to monitor the groundwater quality. The well ent as given in Protocol for Performance Evaluation and e Treatment Storage and Disposal Facilities including ZWAMS//2010-2011, issue date 24th May 2010, k along with the individual well coordinate and ground ayout and geo-hydrological study report of ground	Date: 12/10/2024
35	WATER QUALITY MONITORING AND PRESERVATION	The depth of the land fill site shall be decided based water table at the site.	on the ground
PPs Comp	Submission: Complied lied		Date: 12/10/2024
36	WATER QUALITY MONITORING AND PRESERVATION	"Rain water runoff from the landfill area and other had management area shall be collected and treated in the extreatment plant."	
	Submission: Complied		
to App said p	pendix 19). The contaminated water ge	is provided having double composite liner system (reference enerated during the few first flushes and collected in the the Multiple Effect Evaporator (MEE) and/ or the	Date: 12/10/2024
to App said po incine	pendix 19). The contaminated water geond is treated and disposed of through	enerated during the few first flushes and collected in the	12/10/2024
to App said poincine 37 PPs approx Punjal 13507	water geond is treated and disposed of through the rator spray dryer. WATER QUALITY MONITORING AND PRESERVATION Submission: Complied 6. 25 kL/day fresh water is consumed be to Water Regulation and Development A	"Total fresh water use shall not exceed the proposed provided in the project details. Prior permission from authority shall be obtained for use of fresh water." by the facility. Due permission was obtained from the Authority (PWRDA), Chandigarh vide the given user ID 05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027)	12/10/2024
to Appsaid poincine 37 PPs approximately Punjal 13507	water geond is treated and disposed of through the rator spray dryer. WATER QUALITY MONITORING AND PRESERVATION Submission: Complied 6. 25 kL/day fresh water is consumed be water Regulation and Development A 01644 and permission no. PWRDA /1/0	"Total fresh water use shall not exceed the proposed provided in the project details. Prior permission from authority shall be obtained for use of fresh water." by the facility. Due permission was obtained from the Authority (PWRDA), Chandigarh vide the given user ID 05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027)	12/10/2024 requirement sompetent Date: 12/10/2024
to Appsaid poincine 37 PPs approx Punjal 13507 for the 38 PPs Spill coi.e. Ca	water QUALITY MONITORING AND PRESERVATION Submission: Complied Water Regulation and Development A Display abstraction of 1680 m3/month fresh g WATER QUALITY MONITORING AND PRESERVATION Submission: Complied Water Regulation and Development A Display abstraction of 1680 m3/month fresh g WATER QUALITY MONITORING AND PRESERVATION Submission: Complied Ontrol kit containing Anti-static shovel	"Total fresh water use shall not exceed the proposed provided in the project details. Prior permission from authority shall be obtained for use of fresh water." by the facility. Due permission was obtained from the Authority (PWRDA), Chandigarh vide the given user ID 05/2024/L2/399, 21.05.2024 (valid up to 20.05.2027) roundwater through one tube well The Company shall ensure proper handling of all spil introducing spill control procedures for various chemical and scoop, Appropriate Broom Absorbent materials and and fly ash is provided at waste storage sheds,	12/10/2024 requirement sompetent Date: 12/10/2024

The land scrubb are treat spray of and contact and contact are treated and contact are treated are tre	er bleed discharge, etc.) are generated a ated and disposed of through Multiple I dryer. Hence, there is no need to dischar	ataminated water (e.g., tyre wash, laboratory wash, as the liquid effluent in the facility. The effluents Effect Evaporator (MEE) and/ or the incinerator rge any treated effluent in the outside environment effluent monitoring system. TCLP test of leachate	Date: 12/10/2024
40	WATER QUALITY MONITORING AND PRESERVATION	Scrubber water, leachate water or wheel wash effluented in the effluent treatment plant followed by R liquid discharge.	
The lar scrubb treated dryer.	er bleed discharge, etc.) are generated a and disposed of through Multiple Effe	ataminated water (e.g., tyre wash, laboratory wash, as the liquid effluent in the facility. The effluents are ct Evaporator (MEE) and/ or the incinerator spray y treated effluent in the outside environment and no ment monitoring system	Date: 12/10/2024
41	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant shall be provided to treat generated from the project. Treated water shall be reproject.	
Sewag	Submission: Complied e (domestic effluent) is generated from n trucks and transported to a treatment	Toilet and wash room. The same is collected through facility.	Date: 12/10/2024
42	WATER QUALITY MONITORING AND PRESERVATION	A certificate from the competent authority for disc effluent/ untreated effluents into the Public sewer/ d systems along with the final disposal point should be	isposal/drainage
Not Aplaborate The efficient	ory wash, scrubber bleed discharge, etc fluents are treated and disposed of throu ator spray dryer. Hence, there is no nee	tous process- contaminated water (e.g., tyre wash, e.) are generated as the liquid effluent in the facility. The ugh Multiple Effect Evaporator (MEE) and/ or the ed to discharge any treated effluent in the outside lling continuous effluent monitoring system.	Date: 12/10/2024
43	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of builight system for all common areas, street lights, park project area and maintain the same regularly;	
	Submission: Complied ell power street lights are installed pro	minent place at the facility.	Date: 12/10/2024
44	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential	areas
	Submission: Complied ghts with energy saving measure are in	stalled in the office building and operation areas.	Date: 12/10/2024
45	GREENBELT	Green belt shall be developed in area as provided in with native tree species in accordance with Forest D greenbelt shall inter alia cover the entire periphery of	epartment. The

Date: 12/10/2024

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,

PPs Submission: Complied

the fac			
46	GREENBELT	Top soil shall be separately stored and used in the degreen belt.	evelopment of
	Submission: Agreed to Comply and compliance shall be ensured.		Date: 12/10/2024
47	LAND RECLAMATION	Green belt shall be developed in area as provided in with native tree species in accordance with Forest Dep greenbelt shall inter alia cover the entire periphery of	partment. The
Greent Papadi	, Safeda, Ficus, Pilkhan, Champa, A Kangi Palm, China Palm, Areca Pa	ecies, e.g., Neem, Conocarpus, Sesame, Gulmohar, rjun, Toona Ciliata, Dhaka Bakain, Sastut, Kadi patta, lm, Golden Palm, Morpankhi, etc. along the periphery of	Date: 12/10/2024
48	LAND RECLAMATION	Top soil shall be separately stored and used in the degreen belt.	evelopment of
	Submission: Agreed to Comply and compliance shall be ensured.		Date: 12/10/2024
49	Marine/Coastal	Not Applicable	
	Submission: Complied oplicable		Date: 12/10/2024
50	MINING PLAN	Not Applicable	
	Submission: Complied oplicable		Date: 12/10/2024
51	MISCELLANEOUS	"The project proponent shall make public the enviro clearance granted for their project along with the environditions and safeguards at their cost by prominently at least in two local newspapers of the District or State shall be in the vernacular language within seven days this shall also be displayed in the project proponent's vernacular projects involving incineration)."	ronmental advertising it e, of which on and in addition
PPs S Compl	Submission: Complied ied		Date: 12/10/2024
52	AIR QUALITY MONITORING AND PRESERVATION	"As proposed, air pollution control device viz. gas q treatment with mixture of hydrated lime and activated adsorption of partial acidity and VOCs (if any); bagfil removal of particulate matter; venturi scrubber follow bed scrubber with caustic circulation to neutralize the in flue gas; and demister column for arresting water ca provided to the incinerator. Online pollutant monitorin provided as per CPCB guidelines for monitoring particular SO2, NOx and CO from the incinerator stack. The per monitoring of Dioxins and Furans in the Stack emission."	powder for ter/ESP for ed by packed acidic vapours arry over will be g shall be culate matter, riodical

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

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."

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

54

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

55

AIR QUALITY MONITORING AND PRESERVATION

Gas generated in the Land fill 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

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.

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 with report is enclosed. Monitored parameters are meeting the NAAQS standard limit

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

PPs Submission: Complied Complied Complied Complied A separate Environmental Cell both at the project and comparation. A separate Environmental Cell both at the project and comparation. PPs Submission: Complied Date: 12/10/2.					
PPs Submission: Complied Complied Complied Complied A separate Environmental Cell both at the project and comparation. A separate Environmental Cell both at the project and comparation. PPs Submission: Complied Date: 12/10/2.			wildlife n of reporting / forest / v holders. T	orms / conditions. The company shall have d ng infringements / deviation / violation of the wildlife norms / conditions and / or share-hole the copy of the board resolution in this regard	efined system environmental der's / stake I shall be
Corporate Environmental Responsibility Responsibility Responsibility Pressubmission: Complied Comporate level.					Date: 12/10/2024
The organogram of the constituted environmental management cell covering the project and corporate level. The organogram of the constituted environmental management cell covering the project and corporate level. The organogram of the constituted environmental management cell covering the project and corporate level. The organogram of the constituted environmental management cell covering the project and corporate level. The organogram of the constituted environmental management cell covering the project and corporate tenvironmental condition and not to be diverted for any other purpose. You wise progress of implementation of action plan shall be reported the Ministry/Regional Office along with the Six Monthly Comp Report* Presubmission: Complied	58		head quar	ter level, with qualified personnel shall be se senior Executive, who will directly to the he	t up under the
along with responsibility matrix of the company shall be preparashall be duly approved by competent authority. The year wise fine armarked for environmental protection measures shall be kept separate account and not to be diverted for any other purpose. You wise progress of implementation of action plan shall be reported the Ministry/Regional Office along with the Six Monthly Comp Report." PPS Submission: Complied Complied Corporate Environmental Responsibility PPS Submission: Complied Complied Corporate Environmental Responsibility 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. "Emergency plan shall be drawn in consultation with SPCB/C and implemented in order to minimize the hazards to human he environment from fires, explosion or any unplanned sudden or sudden release of hazardous waste or hazardous waste constitute 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 Visit Remarks Visit Remarks	The org	anogram of the constituted environme	ental manage	ement cell covering the project and	Date: 12/10/2024
PPs Submission: Complied Complied Corporate Environmental Responsibility PPs Submission: Complied Annual self-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. "Emergency plan shall be drawn in consultation with SPCB/C and implemented in order to minimize the hazards to human he environment from fires, explosion or any unplanned sudden or sudden release of hazardous waste or hazardous waste constitue 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 Visit Remarks Last Site Visit Report Date: N/A	59		along with shall be d earmarked separate a wise prog the Minis	h responsibility matrix of the company shall luly approved by competent authority. The yed for environmental protection measures shall account and not to be diverted for any other puress of implementation of action plan shall be	be prepared and ar wise funds I be kept in urpose. Year e reported to
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. I "Emergency plan shall be drawn in consultation with SPCB/C and implemented in order to minimize the hazards to human her environment from fires, explosion or any unplanned sudden or sudden release of hazardous waste or hazardous waste constitute 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 Visit Remarks ast Site Visit Report Date: N/A					Date: 12/10/2024
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and implemented in order to minimize the hazards to human her environment from fires, explosion or any unplanned sudden or a sudden release of hazardous waste or hazardous waste constitute 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 Visit Remarks Last Site Visit Report Date: N/A	Annual corpora (IIT), D	self-environmental audit is carried out te team. Third party environmental audelhi having a post-monsoon site visit	dit was carri on 16-Nov-2	ed out by Indian Institute of Technology 23 and pre-monsoon site visit on 15th April	Date: 12/10/2024
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•			Visit R	emarks	
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Keporting period (April-24 to Sept-24)	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.