



Date: 28.11.2022

To,
The Additional Director
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
Bays Nos. 24-25, Sector 31 A,
Dakshin Marg,
Chandigarh – 160030
(Mail ids.: ecompliance-nro@gov.in and ronz.chd-mef@nic.in)

Subject: Submission of Six monthly compliance report for period ending 30.09.2022 for Residential project “Super Mega Mixed Use Integrated Industrial Project Phase-I” located at Village Nagla, Tehsil DeraBassi, District SAS Nagar (Mohali), Punjab by M/s Shipra Estate Limited.

Sir,

With reference to the EIA Notification & its amendments for six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 30.09.2022 for the above said project through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely,
For M/s Shipra Estate Limited.



(Authorized Signatory)

Name: **Rajinder Sharma**
Contact No.: **9216110025**
Designation: **Head (Planning & Projects)**
Email: **rajinder.sharma@shipraworld.com**

CC to:
Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019 (Uploaded on Parivesh Portal)

2022

SIX MONTHLY COMPLIANCE REPORT

(Period ending 30.09.2022)

F
OR

For

“Super Mega Mixed Use Integrated Industrial Park Project – Phase-I”

Village Nagla, Tehsil Zirakpur, Distt. S.A.S. Nagar
(Mohali), Punjab.

Project by:

M/s. Shipra Estates Ltd.

Office No. 12-14, 7th Floor, Sushma Infernum,
Zirakpur, Distt. SAS Nagar,
Punjab (140603)

Prepared by:



**Eco Paryavaran Laboratories and Consultants Private
Limited**

E-207, Industrial Area, Phase-VIII B (Sector-74), Mohali (SAS Nagar), Punjab 1600

Tele No.: 0172-4616225 email: simran@ecoparyavaran.org

M: 098140-03103, 088720-43178

www.ecoparyavaran.org

Ministry of Environment, Forests & Climate Change
Northern Regional Office
Chandigarh-160 030

Data sheet

1.	Project Type	Township and Area Development
2.	Name of the Project	“Super Mega Mixed Use Integrated Industrial Park Project – Phase-I” by M/s Shipra Estates Ltd.
3.	Clearance letter (s) O.M. No. & Date	Environmental Clearance has been granted vide Letter No. SEIAA/M.S./2011/2129 dated 21.06.2011 and the copy of the same is attached along as Annexure -1(a) . Further, the extension of Environmental Clearance has been obtained from SEIAA, Punjab vide Letter No. SEIAA/2016/3127 dated 22.08.2016. Copy of Extension of Environmental Clearance is enclosed as Annexure-1(b) .
4.	Location	Village Nagla, Tehsil Zirakpur
a.	District(s)	SAS Nagar (Mohali)
b.	State (s)	Punjab
5.	Address for correspondence	M/s Shipra Estates Limited, Office No. 12-14, 7 th Floor, Sushma Infernum Zirakpur, Distt. SAS Nagar, Punjab (140603)
6.	Salient features	
a.	Of the Project	As per the Environmental Clearance, the total area of the project is 4,45,633.616 sq.m and the built-up area is 5,68,150.02 sq.m. Layout plan got approved by the Department Town & Country Planning, Punjab vide letter no. 6246 CTP (Pb)/SMP (M)-2 dated 12.8.2010. The total area of the project Phase-I is 44.5 hectares, which will be divided into IT / ITES Industry (40.33%), Residential (28.42%), Commercial (1.37%), Utilities (0.22%), Park (6.32%) and Roads (22.91%). No industry of Category A & B falling in the Schedule appended to the EIA Notification dated 14/9/2006 will be housed in the industrial component of the project.

b.	Of the environment	<p>As per the Environmental Clearance, after full occupancy of the Integrated Industrial Park, the requirement of ground water will be about 2,013 KLD.</p> <p>Initially, during five years, the total water requirement will be about 1,700 KLD, out of which 909 KLD will be met from ground water and remaining will be met from the treated water. Initially, during five years, about 833 KLD of domestic wastewater will be generated from the project which will be treated in STP of capacity 1,000 KLD based on Moving Media Reactor technology.</p> <p>However, after full occupancy, about 2,492 KLD of wastewater will be generated which will be treated in STP of capacity 3000 KLD.</p> <p>Total 4,820 kg/day of solid waste will be generated, which will be segregated at source into biodegradable and non-biodegradable waste by providing adequate number of collection bins as per the SWM Rules, 2016.</p>
7.	Break-up of the Project Area	--
a.	Submergence area	Not applicable
8.	Break up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless laborers/land landless laborers / artisans.	Not applicable
a.	SC/ST/ Adivasis	--
b.	Others (Please indicate whether these figures are base on any scientific and systematic survey carried out or only provisional figures. if a survey has been carried out give details and year of survey)	--
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference.	<p>Original planned cost of the project is Rs. 600 Crores.</p> <p>However, revised cost of the project is Rs. 968.3 Crores.</p>

b.	Allocations made for environmental management plan with item wise and year of assessment.	<p>Allocation made for Environment Management Plan are given below;</p> <p>Construction Phase:</p> <table border="1" data-bbox="786 362 1417 848"> <thead> <tr> <th data-bbox="786 362 1246 490">Description</th> <th data-bbox="1246 362 1417 490">Capital cost (in lacs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="786 490 1246 573">Landscaping/Green belt development</td> <td data-bbox="1246 490 1417 573">700</td> </tr> <tr> <td data-bbox="786 573 1246 622">WTP/STP/Waste water treatment</td> <td data-bbox="1246 573 1417 622">150</td> </tr> <tr> <td data-bbox="786 622 1246 669">Rain water harvesting</td> <td data-bbox="1246 622 1417 669">60</td> </tr> <tr> <td data-bbox="786 669 1246 716">Acoustic enclosure for DG sets</td> <td data-bbox="1246 669 1417 716">10</td> </tr> <tr> <td data-bbox="786 716 1246 763">Solid Waste Management</td> <td data-bbox="1246 716 1417 763">15</td> </tr> <tr> <td data-bbox="786 763 1246 810">Others</td> <td data-bbox="1246 763 1417 810">10</td> </tr> <tr> <td data-bbox="786 810 1246 848">Total</td> <td data-bbox="1246 810 1417 848">945</td> </tr> </tbody> </table> <p>Operation Phase:</p> <table border="1" data-bbox="786 891 1434 1435"> <thead> <tr> <th data-bbox="786 891 1208 1019">Description</th> <th data-bbox="1208 891 1434 1019">Recurring Expenditure (in lac)</th> </tr> </thead> <tbody> <tr> <td data-bbox="786 1019 1208 1117">Landscaping/ Green belt development</td> <td data-bbox="1208 1019 1434 1117">25</td> </tr> <tr> <td data-bbox="786 1117 1208 1167">Water Management</td> <td data-bbox="1208 1117 1434 1167">90</td> </tr> <tr> <td data-bbox="786 1167 1208 1216">Maintenance of Equipments</td> <td data-bbox="1208 1167 1434 1216">20</td> </tr> <tr> <td data-bbox="786 1216 1208 1265">Solid Waste Management</td> <td data-bbox="1208 1216 1434 1265">10</td> </tr> <tr> <td data-bbox="786 1265 1208 1314">Environment Monitoring</td> <td data-bbox="1208 1265 1434 1314">2</td> </tr> <tr> <td data-bbox="786 1314 1208 1364">Miscellaneous</td> <td data-bbox="1208 1314 1434 1364">1</td> </tr> <tr> <td data-bbox="786 1364 1208 1435">Total</td> <td data-bbox="1208 1364 1434 1435">148</td> </tr> </tbody> </table>	Description	Capital cost (in lacs)	Landscaping/Green belt development	700	WTP/STP/Waste water treatment	150	Rain water harvesting	60	Acoustic enclosure for DG sets	10	Solid Waste Management	15	Others	10	Total	945	Description	Recurring Expenditure (in lac)	Landscaping/ Green belt development	25	Water Management	90	Maintenance of Equipments	20	Solid Waste Management	10	Environment Monitoring	2	Miscellaneous	1	Total	148
Description	Capital cost (in lacs)																																	
Landscaping/Green belt development	700																																	
WTP/STP/Waste water treatment	150																																	
Rain water harvesting	60																																	
Acoustic enclosure for DG sets	10																																	
Solid Waste Management	15																																	
Others	10																																	
Total	945																																	
Description	Recurring Expenditure (in lac)																																	
Landscaping/ Green belt development	25																																	
Water Management	90																																	
Maintenance of Equipments	20																																	
Solid Waste Management	10																																	
Environment Monitoring	2																																	
Miscellaneous	1																																	
Total	148																																	
c.	Benefit cost ratio/Internal rate of return and year of assessment.	Will be submitted separately.																																
d.	Whether (c) includes the cost of environmental management as shown in (b) above.	Yes, the cost benefit ratio will be worked out considering the cost of environment management.																																
e.	Actual expenditure incurred on the project so far.	Rs. 953.98 Crores has been spent on the project till 30 th September, 2022.																																
f.	Actual expenditure incurred on the environmental management plans so far.	Rs. 5,15,000 lakhs have been spent on the environmental management plan till 30 th September, 2022.																																
10.	Forest lands requirement:	Not applicable																																
a.	The status of approval for diversion of forest land for non-forestry use.	--																																

b.	The status of clear felling.	--
c.	The status of compensatory a forestation programmer in the light of actual field experience so far.	--
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.	--
12.	Status of construction	As such no construction or development work within the project done by M/s Shipra Estates Ltd. Further, plots have been sold i.e. High/ Primary School admeasuring 2.94 acres to Manav Mangal Smart World School, Independent floors (227 plots) admeasuring 18.39 acres to Sushma Valencia, 11.43 acres for residential purpose and 4.10 acres for IT and commercial production to Suksha Developers Pvt. Ltd. and 7 acres of land for IT purpose was sold to Suksha Developers Pvt. Ltd. Construction has been started by the corresponding developers after obtaining respective approvals from PPCB/SEIAA, Punjab.
a.	Date of commencement (actual and /or planned).	July, 2011
b.	Date of completion (actual and / or planned).	May, 2027 (planned).
13.	Reasons for the delay if the project is yet to start:	Due to the market scenario and non-availability of funds; project could not be completed. Further, fresh Environmental clearance has also been filed to SEIAA, Punjab based on revised planning. Thus, fresh Environmental Clearance application filed vide proposal no. SIA/PB/MIS/66122/2021 dated 17.11.2021; copy of Acknowledgment is enclosed as Annexure 2 .

**Compliance to conditions imposed in Environmental Clearance Letter for period
30.09.2022**

Part A - Specific Conditions

I. Construction Phase:

S. No.	EC Conditions	Reply
i	“Consent to establish” shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority before the start of any construction work at site.	Agreed. Extension in Consent to Establish is being filled.
ii	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	As such no construction or development work done within the project except the site office. All the required sanitary & hygienic conditions will be maintained at the site during the construction of the project.
iii	A first aid room will be provided in the project both during construction and operation phase of the project.	First aid kit has been provided in the security guard room. First aid room will be provided, once project will be operational.
iv.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Topsoil excavated during construction activities stored within the project site and used for horticulture/ landscape development. Photographs showing green area is enclosed as Annexure 3 .
v	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority.	As the project is an area development project, so no major muck will be generated. However, the same shall be disposed of after taking the necessary precautions for general safety and health aspects of people. Dust mitigation measures like water sprinkling will be followed, tarpaulin sheets will be used so that there is minimum impact on the environment.

vi.	Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses and the dump sites for such material must be secured, so that they should not leach into the ground water.	Construction spoils including bituminous material and other hazardous materials will be stored separately and will not be allowed to contaminate water sources & the dumpsites for such material shall be secured so that they may not leach into the ground water.
vii.	The diesel generator sets to be used during construction phase should be of low Sulphur diesel type and should conform to the provisions of Environment (Protection) Act, 1986 prescribed for air and noise emission standards.	As mentioned above, no construction work is going on at the site. During construction, low Sulphur diesel as per availability in the market will be used as DG sets fuel.
viii.	Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.	No construction work is not being done at site by M/s Shipra Estates Ltd. Further, it will be ensured that vehicles used for bringing construction material and other machinery will be in good condition and will conform to applicable air and noise emission standards when construction starts. Also, vehicles must be having valid PUC certificates.
ix.	Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Recently, monitoring has been done for ambient noise levels conform to the prescribed standards both during the day and night. Test reports for the same are attached along as Annexure-4 .
x.	Fly ash should be used as construction material in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 (This condition is applicable only if the project is within 100 Km of Thermal Power Station).	Fly ash based cement will be used at the project site when construction work starts.
xi.	Ready mixed concrete should be used in building construction as far as possible.	Ready mixed concrete will be used in building construction.
xii.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices.	Curing agents as well as other best practices will be used during construction work for reducing water demand.

xiii.	Separation of drinking water supply and treated sewage supply should be done by the use of different colours.	There will be provision of separate supplies for drinking water and treated sewage. Dual plumbing lines shall be laid with different colour as specified
xiv.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Aerators or pressure reducing devices or sensor based control in the complex for low flow of showers, toilets flushing & drinking will be used for reducing water demand.
xv.	Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.	Adequate steps will be provided to conserve energy by limiting the use of, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.
xvi.	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightning.	Agreed.
xvii.	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, disposal of waste water & solid waste in an environmentally sound manner, 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.	Local workers will be engaged for the construction purpose. Facilities shall be provided to construction labours.
xviii.	The project proponent shall construct a Pucca garland drain of adequate size around the periphery of the project site to drain the storm water of the nearby areas. No internal drain of the project site shall be connected with the said garland drain.	Pucca garland drain of adequate size around the periphery of the project site will be provided to drain the storm water of the nearby areas if required. No internal drain of the project site will be connected with the said garland drain.
xix.	Piezometer wells shall be established on all the four directions of the project site to monitor the impact on the groundwater quality due to discharge of effluents from the project site and shall maintain proper record	Monitoring of ground water is being done. Proper record of monitoring of underground water quality data is being maintained. Test reports for the same is attached along as Annexure-4 .

	of monitoring of underground water quality data.	Piezometer has been installed for existing bore wells within the project.
xx.	The STP shall be installed only at ground level by adjusting the same in the vacant land as shown in the approved layout plan.	STP will be installed only at the specified location earmarked in the approved layout plan.
xxi	The site for the vermi-composting process shall be shifted near to the proposed site of the first aid room since the present site earmarked on the approved layout plan for the said purpose is not in order as the same is located adjoining to Sukhna Choe and there is likelihood of generation of leachate from the vermi-composting process during rainy season, which may contaminate the quality of water of the Sukhna choe.	Agreed.

II Operation Phase:

S. No.	Conditions	Reply
i.	The installation of sewage treatment plant (STP) and adequacy of disposal system should be certified by Punjab Pollution Control Board and a report in this regard should be submitted to the Ministry of Environment & Forests/State Level Environment Impact Assessment Authority before the project is commissioned for operation. The discharge of treated sewage shall conform to the norms and standards prescribed by Punjab Pollution Control Board for such discharges. There shall be no discharge of treated wastewater outside the premises of the project/complex.	Adequate capacity of STP will be installed prior to the operation of the project. However, presently, Manav Mangal Smart World School has already installed its STP of 75 KLD.
ii.	The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing / HVAC and for horticulture purpose etc. and shall maintain a record of readings of each such meter on daily basis.	Flow meters on water supply, outlet of STP, etc. will be installed. Whereas, flow meters have been installed on the STP provided at Manav Mangal Smart World School.

iii.	Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the commercial complex and IT/ITES industries.	As the project is an area development project there will be no fugitive emissions. However, adequate & appropriate pollution control measures will be provided to control fugitive emissions.
iv.	Adequate treatment facility for drinking water shall be provided, if required.	Adequate treatment facility will be provided for drinking water.
v.	Rainwater harvesting for roof run-off should be implemented. Before recharging the roof run-off, pretreatment must be done to remove suspended matter, oil and grease. However, no run off from gardens/green area/roads/pavements shall be connected with the ground water recharging system.	Rain water recharging pits will be provided by the individual plot owners.
vi.	The solid waste generated should be properly collected and segregated. The recyclable solid waste shall be sold out to the authorized vendors and inerts shall be sent to disposal facility. The Bio-degradable solid waste shall be adequately treated as per the scheme submitted by the project proponent. Prior approval of competent authority should be obtained, if required.	The solid waste generated will be handled and disposed as per Solid Waste Management Rules, 2016.
vii.	Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	The hazardous waste generated will be handled, managed and disposed as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016. Used oil generated from DG sets will be handed over to authorized vendors. E-waste will be handled as per E-Waste (Management) Amendment Rules, 2018.
viii.	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety.	Green belt has been provided within the project. Photograph showing the same is attached at Annexure 3 .

ix.	The project proponent should take adequate and appropriate measures to contain the ambient air quality within the prescribed standards. The proposal regarding mitigation measures to be taken at site should be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority within three months.	Recently, monitoring has been done for ambient air quality, all parameters are found within permissible limits; test reports are attached as Annexure 4 .
x.	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.	Recently, monitoring has been done for ambient air quality, noise and water quality and all the parameters are found within permissible limits; test reports are attached as Annexure 4 .
xi.	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating.	Solar energy will be incorporated for illumination of common areas, lighting for gardens and street lighting in provision for solar water heating.
xii.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Parking provision will be internalized in a way that no traffic congestion will be there. Presently, parking arrangements have been provided for site office staff Photographs showing the same is enclosed as Annexure-3 .
xiii	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months' time.	Report on energy conservation will be submitted.
xiv.	Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.	Yes, Environment Management Cell formed to supervise and monitor the environment related aspects of the project.

Part B. General Conditions

S. No.	Conditions	Reply
i.	This environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.	Environmental Clearance has been granted vide Letter No. SEIAA/M.S./2011/2129 dated 21.06.2011. Further, the extension of Environmental Clearance has also been obtained from SEIAA, Punjab vide Letter No. SEIAA/2016/3127 dated 22.08.2016. Now, fresh application for the Environmental Clearance of the project has been submitted for revised planning.
ii.	The environmental safeguards contained in the application of the promoter/ mentioned during the presentation before State Level Environment Impact Assessment Authority/ State Expert Appraisal Committee should be implemented in letter and spirit.	The environmental safe guards implemented in true letter and Spirit.
iii.	The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU.	Agreed.
iv.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA.	Six monthly compliance reports has been submitted to the Regional Office, MoEF & CC and SEIAA, Punjab. Previous six monthly compliance report submitted to RO, MoEF&CC through e-mail; copy of the screenshot of the e-mail is enclosed as Annexure 8 (a) Further, acknowledgement for submission of previous compliance report to SEIAA, Punjab is enclosed as Annexure 8 (b)

v.	Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level, Environment Impact Assessment Authority.	Agreed. Full cooperation, facilities and documents/ data is being & will be given to the Officials from the regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board during their inspection.
vi.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority.	Fresh application has been submitted with revised layout plan has been submitted to SEIAA, Punjab vide proposal no. SIA/PB/MIS/66122/2021 dated 17.11.2021 as earlier EC has expired; copy of Acknowledgment is enclosed as Annexure 2.
vii.	Separate distribution pipelines be laid down for use of treated effluent / raw water for horticultural/gardening purposes with different colour coding.	Separate distribution pipelines will be laid down for use of treated effluent/ raw water for horticultural/ gardening purposes with different colour coding.
viii.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.	Necessary clearances obtained as and when required.

ix.	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh.	Advertisement has been published in the newspaper regarding grant of EC. Copy of advertisement was published in two local newspapers after grant of environmental clearance and is enclosed as Annexure 5 .
x.	These stipulations would be enforced among others under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environmental (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Agreed.
xi.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any competent court, to the extent applicable.	Agreed.
xii.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Agreed. Copy of the EC letter was submitted to concerned departments.

xiii.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx , CO, Pb, Ozone (ambient air as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Screenshot of company's website showing uploading of EC letter and compliance report along with test results is enclosed as Annexure-6.
xiv.	The project proponent shall comply with the conditions imposed by the Govt. of India, Central Ground Water Authority, Ministry of Water Resources in the permission granted vide the letter no. No. 214(388)/NWR/CGWA/2010-153 dated 09 Feb, 2011 for abstraction of 909 KLD of ground water.	Approval from PWRDA is Obtained ;copy of Approval is enclosed as Annexure 7.
xv.	The project proponent shall comply with the conditions imposed by the Department of Town and Country Planning, Punjab, in the permission for CLU granted vide the letter no. No. 161 CTP (Pb)/SP-432(m) dated 11.01.2010	Agreed.
xvi.	Only IT/ITES industries shall be established in the Integrated Industrial Park and no other category of industries shall be established in the said Park.	Agreed.
xvii.	The State Environment Impact Assessment Authority reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Agreed.

xviii.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 1987.	Not applicable as period of 30 days is over and no appeal has been filed.
--------	---	---



TEST REPORT

ULR No. : TC74772200009689F		Test Report No. : EL281122NW023	
Type of Sample : Water (Ground Water)		Date of Reporting : 01/12/2022	
Customer	Super Mega Mixed Use Integrated Industrial Park Project, Phase-1, By M/s Shipra Estates Limited Located at Village Nagla, Tehsil Zirakpur, Distt S.A.S Nagar, Mohali, Punjab	Work Order No. & Date	EMS/E/4695 DT:16.11.2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/11/2022	Date of Receipt of Sample	28/11/2022
Sampling Location	At Project Site	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	28/11/2022 To 01/12/2022
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 250ml Glass Bottle Marked '01'		

RESULTS

I -Chemical Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour	Colour Units	BDL(DL5)	5	15	IS: 3025 (Part-4)CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.38	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL1)	1	5	IS 3025 (Part-10)
6	Chloride as Cl	mg/l	9.1	250	1000	IS: 3025 (Part-32)
7	Iron as Fe	mg/l	0.12	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
8	Total hardness as CaCO ₃	mg/l	220	200	600	IS :3025 (Part-21)

II -Biological Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185


 Dr. Ajay Kumar
 Authorized Signatory-Chemical & Biological

TEST REPORT



ULR No. : TC74772200009650F		Test Report No. : EL281122NS006	
Type of Sample : Soil.		Date of Reporting : 01/12/2022	
Customer	Super Mega Mixed Use Integrated Industrial Park Project, Phase-1, By M/s Shipra Estates Limited Located at Village Nagla, Tehsil Zirakpur, Distt S.A.S Nagar, Mohali, Punjab	Work Order No. & Date	EMS/E/4695 DT:16.11.2022
		Customer reference No. (if any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/11/2022	Date of Receipt of Sample	28/11/2022
Sampling Location	At Project Site	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	28/11/2022 To 01/12/2022
Sample Description	Brown coloured soil.		
Packing, Markings, Seal & Qty.	10 Kg Poly Bag Marked '01'		

RESULTS

I. Chemical Testing

1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	8.08	IS:2720 (Part-26) Cl-2,
2	Conductivity	mmhos/cm	0.288	IS:14767
3	Moisture Content	%	9.1	IS:2720 (Part-II) Sec-1
4	Organic Matter	%	2.14	IS: 2720 (Part XXII) Sec-1,
5	Texture	--	Sandy Loam	IS:2720 (Part-4) Cl 2,4,
6	Bulk Density	gm/cc	1.67	IS: 2720 (Part-7)

Remarks : NA

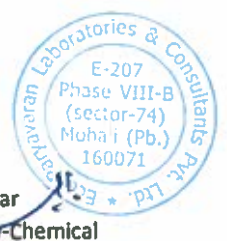
OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

****End of Report****

Umash Kumar
Authorized Signatory-Chemical





TEST REPORT

ULR No. : TC747722000009712F		Test Report No. : EL291122NA008	
Type of Sample : Ambient Air Quality		Date of Reporting : 01/12/2022	
Customer	Super Mega Mixed Use Integrated Industrial Park Project, Phase-1, By M/s Shipra Estates Limited Located at Village Nagla, Tehsil Zirakpur, Distt S.A.S Nagar, Mohali, Punjab	Work Order No. & Date	EMS/E/4695 DT:16.11.2022
		Customer reference No. (if any)	NA
Sampling Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/11/2022	Date of Receipt of Sample	29/11/2022
Sampling Location	At Project Site	Period of Analysis	29/11/2022 To 01/12/2022
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Environmental Conditions	Clear sky
Testing Location	On Site & Permanent Facility		

RESULTS

I-Chemical Testing

1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Method
1	Respirable Suspended Particulate Matter (as PM10)	µg/m ³	132	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m ³	80	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO ₂)	µg/m ³	13	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO ₂)	µg/m ³	29	80	IS: 5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m ³	28	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O ₃)	µg/m ³	19	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO),	mg/m ³	0.74	04	IS: 5182 (Part-10), NDIR Method

Remarks : Air quality seems deteriorated due to prevailing paddy/crop residue burning activities associated to rice harvesting season in Punjab region.

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
 Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report



Urnesh Kumar
Authorized Signatory-Chemical



Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)

TEST REPORT



TC-7477

ULR No. : TC747722000009733F		Test Report No. : EL291122NN005	
Type of Sample : Ambient Noise		Date of Reporting : 01/12/2022	
Customer	Super Mega Mixed Use Integrated Industrial Park Project, Phase-1, By M/s Shipra Estates Limited Located at Village Nagla, Tehsil Zirakpur, Distt S.A.S Nagar, Mohali, Punjab	Work Order No. & Date	EMS/E/4695 DT:16.11.2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS 9989-1989, RA 2008.	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/11/2022	Date of Receipt of Sample	29/11/2022
Sampling Location	At Project Site	Period of Analysis	29/11/2022 To 29/11/2022
Testing Protocol	IS 9989-1989, RA 2008.		
Testing Location	On Site & Permanent Facility		

RESULTS

I- Chemical Testing

1. Atmospheric Pollution (Ambient Noise Level)

S.No.	Test Parameters	Units	Results	Method
1	Ambient Day Time Noise Levels	dB(A)	53.3	LAB SOP: EL/SOP/AN/01, Issue No.-04, Nov 10

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report



Authorized Signatory-Chemical



ULR No. : TC747722000009689F	Test Report No. : EL281122NW023
Type of Sample : Water (Ground Water)	Date of Reporting : 01/12/2022

Remarks : NA

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

****End of Report****

Dr. Ajay Kumar

Authorized Signatory-Chemical & Biological