

adani

Ports and
Logistics

24th November 2020

To
Additional Principal Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (NZ),
Bays No. 24-25, Sector 31 A, Dakshin Marg,
Chandigarh – 160030

Subject: - Half Yearly compliance report of the environment clearance issued to M/s Adani Logistics Limited for development of ware house project at village Patli, District Gurgaon, Haryana by State Environment Impact Assessment Authority, Haryana vide letter dated 17/06/2013 bearing number SEIAA/HR/2013/287

Dear Sir,

Please find enclosed herewith the half yearly compliance report of the condition stipulated in the above mentioned environment clearance letter for the period from April-2020 to October-2020.

This is for your information and records please.

Yours faithfully,

For Adani logistics limited



(Shantanu Rathee)
Terminal Head
ICD Patli, Gurgaon

CC to:-

1. The Chairman, State Environment Impact Assessment Authority, Bay No. 55-58, Prayatan Bhawan, Sector – 2, Panchkula, Haryana
2. The Regional Officer, Haryana State Pollution Control Board, 3rd Floor, HSIIDC Office Complex, IMT Manesar, Gurgaon

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Half Yearly Environment Compliance Report - Adani Logistics Ltd. Patli

List of Annexures		
S. No.	Annexure No.	Name of Annexure
1	1A	Consent to Establish (CTE)
2	1B	Project completion Certificate
3	1C	Fire NOC
4	1D	Consent to Operate (CTO)
5	1E	Ambient Noise monitoring report (Oct-2020)
6	1F	DG Stack monitoring report (Oct-2020)
7	1G	STP out let waste water test report (Oct-2020)
8	1H	Hazardous waste authorization by HSPCB
9	1I	Soil Testing Report (Oct-2020)
10	1J	Used oil agreement by Satyam Petro chemical
11	1K	Ambient air monitoring report (Oct-2020)
12	1L	Drinking water test report (Oct-2020)

No.	Condition	Compliance status
PART A-SPECIFIC CONDITIONS		
Construction phase		
1	"Consent for Establish" shall be obtained from Haryana State Pollution Control Board Under Air and Water Act and a copy shall be submitted to the SEIAA	Complied. CTE has been obtained on 24/10/2014 vide HSPCB/Consent/2821214GUSOCTE 1245672. Copy of the same was submitted along with the Compliance Report dated 20/11/2017. Annexure-1A
2	A First Aid Room as proposed in the project report shall be provided both during construction and operational phase of the project.	Complied. First Aid facility is provided at different location in the site.
3	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the laborers is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.	Complied. Construction of the ware house completed on 05/10/2012. The completion certificate was submitted along with the Compliance Report dated 20/11/2017. Annexure- IB
4	All the top soil excavated during construction activities should be stored for use in horticulture/ landscape developments within the project site.	Complied. Excavated soil has been used in the green belt development.
5	The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with approval of competent authority.	Complied. All the waste materials have been disposed of in environmentally sound manner.
6	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses	Complied. All the waste materials have been disposed of in environmentally sound

No.	Condition	Compliance status
	and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed of as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	manner.
7	The Diesel generator sets to be used during construction phase should be of ultra-low sulphur diesel type and should conform to Environment (protection) Rules prescribed for air and noise emission standards.	Complied. DG sets were standby source of power failure and Low sulfur diesel is being used as fuel, stack height installed as per the CPCB norms. We have three DG set having 320,320 & 160 KVA capacity.
8	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from chief Controller of explosives shall be taken.	Complied. Clearance from CCoE is not applicable as the quantity of Diesel stored is less than the threshold quantity.
9	Ambient Noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air and noise level during construction phase , so as to confirm to the stipulated residential standards	Complied. Construction of the ware house was completed on 05/10/2012. However, adequate measures are being taken to comply with the standards during operations also.
10	Fly ash should be used as building material in the construction as per the provision of fly Ash notification of September 1999 and as amended on 27th August 2003.	Closed. Construction of the ware house completed on 05/10/2012. The completion Certificate was submitted along with the Compliance Report dated 20/11/2017
11	Storm water control and its use as per CGWB and BIS standards for various applications should be ensured	Complied. Storm water drains have been provided. Storm water is channelized to Injection well built for the purpose of rain water harvesting.
12	Water demand during construction should be reduced by use of pre-	Closed

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	mixed concrete curing agents and other best practices.	Construction of the ware house completed on 05/10/2012. The completion certificate was submitted along with the Compliance Report dated 20/11/2017
13	In view of the severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurances from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water - potable and non-potable. Assurance is required for both construction and operations stages separately. It shall be submitted to the SEIAA and RO, MOEF, Chandigarh before the start of construction.	Complied. No ground water is being extracted during construction and operation of the project till date. Entire water requirement is being met through purchased water.
14	Roof should meet prescriptive requirement as per energy conservation building code by using appropriate thermal insulation material.	Complied. Construction of the ware house is as per the applicable codes.
15	Opaque wall should meet prescriptive requirement as per Energy Conservation Building code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Complied. Warehouse is without air-conditioning system. However, Opaque walls have been provided.
16	The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipment's, etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.	Complied. Fire NOC from Municipal Corporation has been obtained vide FS/2020/1170 dated 22/09/2020. Annexure- 1C Diversion of Forest Land of 0.0071 hector has been obtained from MoEF & CC Dated 1st August 2016 bearing F.No.:9-HRB 028/2015-CHA Completion certificate of the structure has been obtained from Directorate of Town and Country Planning, Chandigarh vide Memo number G-2006 VOL-

No.	Condition	Compliance status
		II/JD(BS)/2012/19811 Dated 05/10/2012
17	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy Conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /Savings measures as well as water reuse / recycling within 3 months and before start of construction to the SEIAA, HARYANA and RO, MOEF, GOI Chandigarh.	Closed. Construction of the ware house completed. The completion certificate was submitted along with the Compliance Report dated 20/11/2017
18	The Project proponent shall construct 25 nos. of rain water harvesting pits for recharging the ground water within the project premises. . Rain water Harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	Considering the Land Area and slope ALL has constructed 3 numbers of Rain water collection pit / Injection well have been provided for rain water harvesting purpose.
19	The project proponent shall provide minimum one hydraulic ladder of sufficient length for escape of people in case of fire.	Not applicable as there is no multistory building.
20	The project proponent shall submit assurance from DHBVN for supply of 1500 KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	Complied. Copy of DHBVN approval letter was submitted along with the Compliance Report dated 20/11/2017
21	Detail Calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for Electrical Infrastructure in the project area.	Closed. Construction of the ware house completed on 05/10/2012

No.	Condition	Compliance status
22	The Project Proponent shall not raise any construction in the natural land depression /Nallah/water course and shall ensure that the natural flow from the Nallah/water course is not obstructed	Complied. Suitable openings have been provided in the boundary wall for free flow of Storm water.
23	The project proponent shall submit an affidavit with the declaration that the ground water will not be used for construction and only treated water should be used for construction.	Closed. Construction of the ware house completed on 05/10/2012
24	The Project proponent shall not cut any existing tree and project Landscaping plan should be modified to include those trees in green area.	Closed. Construction of the ware house completed on 05/10/2012
25	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical Infrastructure must meet ECBC norms.	Complied. Construction of the ware house is as per the applicable codes.
26	The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.	Complied. Construction of the ware house completed on 05/10/2012. All precaution were adopted during construction to restrict dust pollution.
27	The Project Proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Sedimentation pit shall be provided.
28	The Project Proponent shall provide Proper Rasta of proper width and proper strength for each project before the start of construction.	Complied. Proper Rasta (Paved) of proper width and proper strength has been provided during construction phase.
29	The project proponent shall install STP of 20 KLD capacity for treatment of 15.52 KLD of sullage, instead of proposed septic tanks and soak pits	Complied. STP has been provided to treat the domestic sewage. Treated water is being

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	and shall recycle and reuse the treated waste water for flushing/ landscape development. Accordingly, the project proponent shall submit revised water requirements, STP detail and revised water balance diagram accordingly before the start of construction.	used for horticulture purpose. Details of the STP was submitted along with the Compliance Report dated 20/11/2017
30	The project proponent shall obtain NOC from district wild life warden indicating that the project area does not fall in ambit of MOEF GOI notification dated 27-01-2010 declaring 5 KM area around Sultanpur national park as Eco-sensitive zone before the start of construction.	NOC from District wild life has been obtained on 7/10/2013 bearing no. 420. Copy of the same was submitted along with the Compliance Report dated 20/11/2017
31	The project proponent shall submit assurance of HUDA or permissions of CGWA for supply/ abstraction of ground water before the start of construction.	Complied. No ground water is being extracted during construction and operation of the project till date. Entire water requirement is being met through purchased water.
32	The project proponent shall ensure plinth level of the building block is 1.5 meter above 100 years flood level.	Complied. Plinth level is provided above the 1.5 meter above the flood level.
Operational phase		
a	"Consent to operate" shall be obtained from Haryana state pollution Control Board under Air and water Act and a copy shall be submitted to the SEIAA, Haryana.	CTO has been obtained from HSPCB vide letter dated 01/10/2019 bearing no. HPCB/Consent/:313116319GUSOCTO683 2321. Annexure- 1D
b	The Sewage Treatment Plant (STP) shall be install led for the treatment of the sewage to the prescribed standards including odor and treated effluent will be recycled to achieve zero exit discharge, The installation of STP should be certified by an independent expert and a report in this regard should be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory.	Complied. STP has been provided to treat the domestic sewage. Treated water is being used for horticulture purpose. Details of the STP was submitted along with the Compliance Report dated 20/11/2017

No.	Condition	Compliance status
	Discharge of treated sewage shall conform to the norms and standards of HS PCB, Panchkula.	
c	Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 10 Mtr. and the recycled water will be used for flushing, gardening and DG set cooling and running of fountain in the water body to achieve zero exit discharge.	Complied. Entire domestic effluent is being treated in the STP and the treated water is being used for horticulture purpose.
d	For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.	Not required. Treated water is not being used for human/animal consumption in any manner. Treated water is being used for horticulture purpose only.
e	The solid waste generated should be properly collected and segregated. Bio-degradable waste shall be decomposed at site and dry/ inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.	Complied. Solid waste like canteen waste is being collection, segregation at source and disposed off to Organic waste convertor .Generated Compost material from OWC has been utilizing for greenbelt development.
f	Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets should be in the basement as promised by the project proponent with appropriate stack height i.e above the roof level as per the CPCB norms. The diesel used for DG sets should be ultra-low sulphur diesel (0.05% sulphur), instead of low sulphur diesel.	Complying. DG sets are standby source of power failure and Low sulfur diesel is being used as a fuel and height of the stack is complied as per the CPCB norms. There is no basement in the project.
g	Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards	Complied. Noise levels are well within the prescribed CPCB/ MoEF & CC standards.

No.	Condition	Compliance status
	both within and at the boundary of the Proposed Complex.	Please find enclosed the details of monitoring report as Annexure -1E
h	The project proponent should maintain at least 30 % as green cover area For tree plantation especially all around the periphery of the project and the road sides preferably with local species so as to provide protection against particulates and noise. The open spaces inside the plot should be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.	Complied. We have maintained 33% green area in site. Development of more green belt is in progress.
i	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data.	Complying with. Treated water from STP is being used in the irrigation/ Greenbelt Development.
J	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any R WH pit.	Complied. Storm water drains have been provided various locations within the site. Storm water is channelized to injection well provided for rain water harvesting.
k	The ground water level and its quality should be monitored regularly in construction with central Ground Water Authority.	Not Applicable. No ground water extraction is being used for construction and operation phase in any manner. No effluent is discharged to ground water or in open water body.
l	There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space	Complied. Entry and Exit to logistic park and ware house is as per the traffic estimated. In addition proper arrangement of security guards at site to control traffic has also

No.	Condition	Compliance status
	should be utilized.	done.
m	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, & U Factors etc. and submitted to the SEIAA, Haryana in three month time.	Being complied, However, Energy efficient lighting (LED) is already installed in Warehouse area.
n	Energy conservation measures like installation of LED for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning, Use solar panels must be adapted to the maximum energy conservation.	Complied. LED lights are installed in the warehouses area.
o	The Project Proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project Proponent shall also provide halon free fire suppression system	Complied. All the insulation material does not have Ozone depleting potential. Proper care is given during maintenance/operation of the refrigeration system to avoid leakages of the gases. All FFE s are free from Halon content and with low Ozone Depleting characteristics.
p	The solid waste generated should be properly collected and segregated as per the requirement of the MSW rules, 2000 and as amended from time to time. The bio-degradable waste should be composted by vermi-composting at the site ear-marked within the project area and dry/inert solid waste should be disposed off to approval sites for land filling after recovering recyclable material.	Complied. Solid waste is being collection, segregation and disposed off to an approved vendor.
q	The traffic plan and the parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site.	Complied. Entry and Exit to logistic park and ware house is as per the traffic estimated. In addition proper arrangement of security guards at site to control traffic has also done.

No.	Condition	Compliance status
	Parking should be fully internalized and no public space should be used.	
r	The Project shall be operationalized only once HUDA will provide domestic water supply system in the area.	Not applicable. The area is outside the limit of HUDA.
s	Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured during lifetime of project.	Complied with. Operation and maintenance of the STPs, electrical infrastructure etc. is being done as per schedule.
t	Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly E-waste and battery waste shall be disposed of as per existing E-waste Management rules 2011 and batteries Management Rules 2011. The project proponent should maintain a collection center for E-waste and it should be disposed of to only registered and authorized dismantler/ recycle.	Complying with. Each kind of waste is being managed with the compliance of the provisions of the respective waste management rules as amended. Municipal Solid waste collection, segregation, disposal is being at site as per Solid waste Management rules 2016 and its subsequent rules. Hazardous waste collection, segregation, disposal is being at site as per Hazardous and other waste (Management and Transboundary Movement) Rules 2016 and its subsequent rules. E-waste collection, storage, segregation, disposal is being at site as per E-waste Management rules 2016.
u	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Complying. There is no discharge of pollutants in the environment due to the project operation. Treated water from STP is being used for Greenbelt development.
v	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of waste water treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.	Complying. There is no discharge of pollutants in the environment due to the project operation. Treated water from STP is being used for Greenbelt development.

No.	Condition	Compliance status
w	The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB prescribed limits	Complied with. Adequate stack height installed as per the CPCB norms for DG set. Acoustic enclosures for DG set have been provided, as per standards. DG set Monitoring of the Test reports are enclosed as Annexure 1F
x	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Complied. Electrical connections are as per the applicable codes.
y	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	Complied. Covered warehouse was constructed which prevent the heat island effect.
z	The project proponent shall install RO plant for purification of water.	Complied. RO purifiers installed at various locations of the site for drinking water purpose
aa	The Project proponent shall control fugitive emission due to loading, unloading and other operations. In no case any truck/other vehicle should be parked on the road side.	Complying. Project handles only Containers which do not generate fugitive emission during loading and unloading. Designated parking area is available for parking of trucks and other vehicle.
PART B-GENERAL CONDITIONS		
i	The project proponent shall ensure the commitments made in form – I, Form – IA, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point shall be taken as commitment by project proponent.	Complying with. All recommendation as mentioned with EIA/EMP are being complied with
ii	Six Monthly Compliance reports should be submitted to the HSPCB and regional office, MOEF, GOI, Northern Region, Chandigarh and a copy to the SEIAA Haryana.	Complying with. Last compliance report was submitted to HSPCB on 10/06/2020.
iii	Noise, STP Outlet after stabilization and stack emission shall be monitored monthly. Other environmental Parameters and green belt shall be monitored on quarterly basis. After every 3 Months, the project proponent	Complying with. Regular Monitoring for Noise, STP outlet and DG set stack emission is being conducting. Test Reports of the same is enclosed as Annexure –1 In house HSE audit is being done for

No.	Condition	Compliance status
	shall conduct environmental audit and shall take corrective measure, if required, without delay.	corrective action (if any)
iv	The SIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MOEF.	Noted and agreed.
v	The project proponent shall not violate any judicial orders/pronouncements issued by any court/Tribunal.	Agreed.
vi	All Other statutory clearances such as the approvals for storage of diesel from chief controller of explosive, fire Department , civil Aviation Department, Forest Conservation Act 1980 and wildlife (protection) Act , 1972, Forest Act, 1927, PLPA 1900, etc shall be obtained as applicable by project proponents from the respective authorities prior to construction of the project.	Complied NOC from District wild life has been obtained on 7/10/2013 bearing no. 420. Copy of the same was submitted along with the Compliance Report dated 20/11/2017 Diversion of Forest Land of 0.0071 hectore has been obtained from MoEF & CC Dated 1st August 2016 bearing F.No.:9-HRB 028/2015-CHA
vii	The project proponent should inform the public that the project has been accorded EC by SEIAA and copies of the clearance letter are available with HSPCB & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent web site for public awareness. A copy of Environment Clearance conditions shall also be put on project proponent web site for public awareness.	Complied with. Copy of the newspaper advertisement was submitted along with the Compliance Report dated 20/11/2017
viii	Any appeal against this Environmental clearance shall lie with National Green Tribunal, if preferred, within a period of 30 days as prescribed under	Noted.

No.	Condition	Compliance status
	section 16 of the National Green Tribunal Act, 2010.	
ix	The project proponent shall put in place Corporate Environment Policy as mentioned in MOEF, GOI OM No J-11013/41/2006/-IA II (I) dated 26.4.2012 within 3 months period. Latest corporate environment policy should be submitted to SEIAA within 3 months of issuance of this letter.	Complied. Company has an HSE policy which was submitted along with the Compliance Report dated 20/11/2017
x	The fund ear marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA /RO MOEF GOI under rules prescribed for Environment Audit	Complied. Separate Budget is allocated to HSE department. Details of the same is enclosed as Annexure – 2.
xi	The project proponent shall obtain NOC under Aravalli Notification from CEC of Hon'ble supreme court regarding coverage under Aravalli notification before start of construction.	Complied. NOC under Aravalli Notification has been obtained. Copy of the same was submitted along with the Compliance Report dated 20/11/2017
xii	The project proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control certificate from competent authority.	Complied. PUC of the vehicles is being checked.

For Adani Logistics Ltd, Patli

(Shantanu Rathee)

Terminal Head