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7th December, 2020

To,
The Director
Ministry of Environment, Forest & Climate Change,
Regional Office,
Ground Floor, East Wing,
New Secretariat Building, Civil Lines,
Nagpur – 440 001

Subject: Compliance status of Environmental Clearance for Captive jetty at Dharamtar, Dolvi, Raigad, Maharashtra

Reference: i. Ministry of Environment & Forest (MoEF) Clearance vide no. J- 16011/6/94-IA.III dated 4th January, 1995
ii. Ministry of Surface Transport (MoST) Clearance vide no. J-16011/6/94-IA-III/PD.IV dated 12th January, 1997
iii. Ministry of Environment, Forest & Climate Change, Government of India. Letter F.No. 11-79/2013-IA.III dated 26th November, 2015.

Dear Sir,

You are aware that JSW Dharamtar Port Private Limited is operating the Dharamtar jetty at Dolvi, district Raigad, Maharashtra. The environmental clearance for the same was obtained as per the reference I, II and III mentioned above.

We are hereby submitting the six monthly compliance report for the months June 2020 to November 2020.

Yours faithfully,

For **JSW Dharamtar Port Private Limited**

(Authorized Signatory)

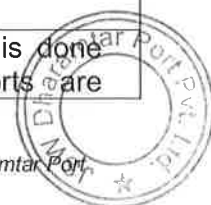


COMPLIANCE STATUS OF CAPTIVE JETTY AS PER ENVIRONMENTAL CLEARANCE UPTO NOVEMBER, 2020

Ref: Clearance for existing Captive Jetty by M/s. JSW DHARAMTAR PORT PRIVATE LIMITED (Formerly known as M/s Nippon Denro Ispat Ltd.) in Raigad District of Maharashtra.

Ref: MOEF Letter No J-16011 / 6 / 94 - IA - III dated 04-01-1995.

Clause No.	Clearance Condition As per MoEF Letter No. J-16011/6/94-1A.III dated 4 th January, 1995	Compliance Status up to November 2020
2 - i)	The materials will be carried to and from Sponge Iron Plant by a closed conveyer belt system without causing any dust or spillage to avoid environmental damage. Transfer points must have adequate dust extraction and control systems.	The cross-country conveyer and the conveyor belt is covered from all sides to protect spillage of materials and dust in order to control the pollution. The dust suppression system is provided at the transfer points.
ii)	Dredging operations should be undertaken in consultation with an Expert Institute such as Central Water and Power Research Station (CWPRS) Pune, or any other institute, to ensure that dredging operations do not cause any adverse impact on surface and ground water and marine productivity in the vicinity.	Dredging operation is undertaken in consultation with M/s Maharashtra Maritime Board. (A Govt. of Maharashtra Undertaking). Maintenance dredging is carried out annually with permission from Maharashtra Maritime Board. Adequate mitigation measures are implemented to ensure that there is no adverse impact on surface and ground water. The marine productivity in the vicinity is not impacted.
iii)	The dredged material shall be dumped only at the dumping sites approved by Mumbai Port Trust.	The dredged material is disposed at the site designated by CWPRS through mathematical model studies conducted as a part for obtaining Environmental and CRZ Clearance for the expansion of the jetty.
iv)	During dredging, construction and maintenance stages, the water quality parameters at the bottom level should be inspected and periodic records be maintained. Tests should be carried out to measure water quality parameters viz. Turbidity, Dissolved Oxygen, Ammonical Nitrogen and other parameters which must be maintained within the prescribed standards issued under GSR 422 (E) dated 19-05-1993 as amended on 31-12-1993.	The Jetty water quality monitoring was carried out during dredging & construction activities at Jetty area. Jetty water quality monitoring is done on monthly basis and reports are submitted to MoEF&CC every six months.
v)	The project authority would install a monitoring system, so that loading /	Jetty water quality monitoring is done on monthly basis and reports are



	unloading operations at jetty do not cause any damage to the sea water quality and that the water quality should be maintained as per the standards prescribed by Maharashtra Pollution Control Board / Central Pollution Control Board.	submitted to MoEF&CC regularly. Adequate measures are adopted to prevent any fall out into the water bodies during the loading and unloading activities. The reports reveal that the parameters are well within the standards prescribed by Maharashtra Pollution Control Board / Central Pollution Control Board.
vi)	Screening of pollutants in the harbor water should be taken up by the project authorities and periodical monitoring reports on water quality parameters must be forwarded to this Ministry at the six monthly intervals.	Adequate measures are adopted to prevent any run off into the water. Jetty water quality monitoring is done on monthly basis and reports are submitted to MoEF&CC every six months' interval.
vii)	To prevent discharge to sewage, bilge wastes and other liquid wastes into the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline inter sector for receiving liquid wastes from all shore line installations and special hose connection for ships to allow for discharge of sewage must be provided.	No discharge of sewage, bilge wastes and other liquid wastes is done at Jetty area.
viii)	The quality of treated effluent, solid waste, emission and noise level must confirm to the standards laid down by competent authorities including Central / State Pollution Control Boards and under the Environment Protection Act, 1986 whichever are most stringent.	JSW DPPL is engaged in cargo handling at the jetty. No manufacturing is carried out at the jetty, thus no effluents are generated. The sewage is treated in septic tanks and then sent to STP at the steel plant for further processing. Solid waste is segregated and disposed as per the norms. The noise level in the Jetty area is maintained as per standards. Wind shields are installed at strategic locations to minimize the impact of the emissions from the cargo handling activities. Trees with thick foliage are maintained along the boundary. Ambient Air Quality monitoring is done on regular basis at Jetty. The reports are well within stipulated norms and reports are submitted to MoEF&CC

		every six months.
ix)	Appropriate devices such as oil water separator, oil monitor, oil skimmer etc. must be provided to remove all floatable material including oil spills while refueling of vessels, because of operations of cargo handling equipments and allied machinery, cranes, tractors etc., to tackle the oil pollution in the port area and marine environment.	Adequate preventive measures are adopted to avoid any oil spill due to jetty operations. An Oil Spill Contingency plan for the Jetty is in place. The jetty is well equipped with requisite equipment to curtail any incidences of oil spill.
x)	Proper fire fighting arrangement must be ensured by providing adequate number of fire hydrants in fire prone areas. The entire fire fighting line must be maintained under pressure through jockey pump and appropriate volume of dead storage water must be ensured for this purpose. The employees must be kept alert and trained to combat fire by conducting regular fire drills to keep this facility in working conditions.	Adequate fire fighting arrangement has been provided at Jetty. Fire hydrant lines are provided at the jetty. Proper training is imparted to the concerned personnel and mock drills are conducted at regular intervals.
xi)	The jetty will not be used for transporting Hazardous Material.	No hazardous material is handled at Jetty.
3	The project authorities must create sufficient in-house capability (Environmental Cell) and full-fledged laboratory to monitor and implement compliance to the prescribed safeguards and programmes related to pollution control and environmental conservation.	An Environment Cell comprising qualified personnel in the fields supervise the environmental aspects of the Jetty.
4	Adequate financial provisions must be made for implementation of the above stipulations.	Adequate financial provisions are earmarked in the annual budget.
5	In case of any deviation / alterations in the project proposal from those submitted to this Ministry for clearance, these stipulations may be modified and / or new ones imposed or the environmental clearance revoked for ensuring environmental protection.	There is no deviation / alteration in the project proposal as submitted for clearance. However, JSW Dharamtar Port Private Limited has proposed expansion of the jetty. The Environmental and CRZ Clearance for the is accorded by the Ministry of Environment, Forest & Climate Change vide letter dated 26 th November, 2015. The consent to establish for the expansion project has also been granted by the Maharashtra Pollution Control Board. Amendment to the EC dated 26 th November, 2015 is granted by MOEF&CC vide letter dated 26 th March 2016 and 10 th January 2020.



6	These stipulations will be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 and the Environmental (Protection) Act, 1986.	<p>We Regularly comply with the following Environmental Acts:</p> <ul style="list-style-type: none"> i) Water (Prevention and Control of Pollution) Act, 1974. ii) Air (Prevention and Control of Pollution) Act, 1981. iii) Environmental (Protection) Act 1986. iv) Other general conditions laid down by Maharashtra Pollution Control Board.
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COMPLIANCE STATUS OF CAPTIVE JETTY AS PER ENVIRONMENTAL CLEARANCE UPTO NOVEMBER, 2020

Ref: Clearance for Expansion of Captive Jetty by M/s. JSW Dharamtar Port Private Limited (Formerly known as M/s Nippon Denro Ispat Ltd.) in Raigad District of Maharashtra.

Ref: Ministry of Surface Transport Letter No J-16011 / 6 / 94 - IA - III /PD IV, New Delhi dated 12th January 1997.

Clause No.	Clearance Condition as per MoST Letter No J-16011 / 6 / 94 - IA - III /PD IV, New Delhi dated 12 th January 1997.	Compliance Status up to November, 2020
2 - i)	The materials will be carried to and from Sponge Iron Plant by a closed conveyer belt system without causing any dust or spillage to avoid environmental damage. Transfer points must have adequate dust extraction and control systems.	The cross-country conveyer and the conveyor belt is covered from all sides to protect spillage of materials and dust in order to control the pollution. The dust suppression system is provided at the transfer points.
ii)	Dredging operations should be undertaken in consultation with an Expert Institute such as Central Water and Power Research Station (CWPRS) Pune, or any other institute, to ensure that dredging operations do not cause any adverse impact on surface and ground water and marine productivity in the vicinity.	Dredging operation was undertaken in consultation with M/s Maharashtra Maritime Board. (A Govt. of Maharashtra Undertaking). Adequate mitigation measures are implemented to ensure that there is no adverse impact on surface and ground water. The marine productivity in the vicinity is not impacted.
iii)	The dredged material shall be dumped only at the dumping sites approved by Mumbai Port Trust.	The dredged material is disposed at the site designated by CWPRS. The site is designated by CWPRS through mathematical model studies conducted as a part for obtaining Environmental and CRZ Clearance for the expansion of the jetty.
iv)	During dredging, construction and maintenance stages, the water quality parameters at the bottom level should be inspected and periodic records be maintained. Tests should be carried out to measure water quality parameters viz. Turbidity, Dissolved Oxygen, Ammonical Nitrogen and other parameters which must be maintained within the prescribed standards issued under GSR 422 (E) dated 19-05-1993 as amended on 31-12-1993.	The Jetty water quality monitoring has been carried out during dredging & construction activities at Jetty area. Jetty water quality monitoring is done on monthly basis and reports are submitted to MoEF&CC every six months.
v)	The project authority would install a monitoring system, so that loading /	Jetty water quality monitoring is done on monthly basis and reports are submitted



	unloading operations at jetty do not cause any damage to the sea water quality and that the water quality should be maintained as per the standards prescribed by Maharashtra Pollution Control Board / Central Pollution Control Board.	to MoEF&CC regularly. Adequate measures are adopted to prevent any fall out into the water bodies during the loading and unloading activities. The reports reveal that the parameters are well within the standards prescribed by Maharashtra Pollution Control Board / Central Pollution Control Board.
vi)	Screening of pollutants in the harbor water should be taken up by the project authorities and periodical monitoring reports on water quality parameters must be forwarded to this Ministry at the six monthly intervals.	No pollutants are being discharged at Harbor water. Jetty water quality monitoring is done on monthly basis and reports are submitted to MoEF&CC every six month's interval.
vii)	To prevent discharge to sewage, bilge wastes and other liquid wastes into the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline inter sector for receiving liquid wastes from all shore line installations and special hose connection for ships to allow for discharge of sewage must be provided.	No discharge of sewage, bilge wastes and other liquid wastes is done at Jetty area.
viii)	The quality of treated effluent, solid waste, emission and noise level must confirm to the standards laid down by competent authorities including Central / State Pollution Control Boards and under the Environment Protection Act, 1986 whichever are most stringent.	No effluents are generated at the jetty. The sewage is treated in septic tanks and then sent to STP for further processing. Solid waste is segregated and dispersed as per the norms. The noise level in the Jetty area is maintained as per standards. Wind shield are installed at strategic locations to minimize the impact of the emissions from the cargo handling activities. Ambient Air Quality monitoring is done on regular basis at Jetty. The reports are well within stipulated norms and reports are submitted to MoEF&CC every six months.
ix)	Appropriate devices such as oil water separator, oil monitor, oil skimmer etc. must be provided to remove all floatable material including oil spills while refueling of vessels, because of operations of cargo handling equipments and allied machinery, cranes, tractors etc., to tackle the oil pollution in the	Adequate preventive measures are adopted to avoid any oil spill due to jetty operations. An Oil Spill Contingency plan for the Jetty is in place. The jetty is well equipped with requisite equipment to curtail any

	port area and marine environment.	incidences of oil spill.
x)	Proper fire fighting arrangement must be ensured by providing adequate number of fire hydrants in fire prone areas. The entire fire fighting line must be maintained under pressure through jockey pump and appropriate volume of dead storage water must be ensured for this purpose. The employees must be kept alert and trained to combat fire by conducting regular fire drills to keep this facility in working conditions.	Adequate fire-fighting arrangement has been provided at Jetty. Fire hydrant lines are provided at the jetty. Proper training is imparted to the concerned personnel and mock drills are conducted at regular intervals.
xi)	The jetty will not be used for transporting Hazardous Material.	No hazardous material is handled at Jetty.
xii)	The approval is subject to classification of the Dharamtar as CRZ –III on final approval of CZMP of the Maharashtra Govt. If the area is classified as CRZ- I (i) under CZMP the sanction would stand cancelled.	According to the CZMP as obtained from the Town Planning department, the jetty facilities fall in the CRZ I (a permissible activity) and the backshore facilities at Dharamtar fall in the CRZ III.
xiii)	The proponent would ensure that conveyor system and other facilities as provided are in consonant with the activities deemed to be permissible under the law and regulations.	The conveyor system passes through CRZ III and is a permissible activity as per the CRZ Notification.
xiv)	Third party inspection should be ensured during construction and operational phases with adequate Insurance cover. The port authorities should confirm on regular intervals of six months to the Ministry about implementation of the suggested safeguard measures and the data / report should be open for inspection by the team which would be constituted by the Ministry if found necessary.	Sampling and analysis of creek water has been carried out and submitted regularly to the Regional Office of MoEF&CC, Nagpur at six monthly intervals.
xv)	Full support should be extended to the officials of the Regional Office, of the Ministry of Environment and Forests at Bhopal during inspection of the project for monitoring purpose by the project proponents by furnishing full details and action plans including action taken report on mitigative measures.	Will be complied.
3	The project authorities must create sufficient in-house capability (Environmental Cell) and full-fledged laboratory to monitor and implement compliance to the prescribed safeguards and programmes related to pollution control and environmental conservation.	Environment Cell headed by Joint CEO and manned with qualified peoples are looking after the environmental aspects and Jetty. A full-fledged Environmental laboratory is established to monitor and implement compliance to the prescribed safe guards and programs related to pollution control



		and environment conservation.
4	Adequate financial provisions must be made for implementation of the above stipulations.	Adequate financial provisions for environment management are earmarked in the annual budget.
5	In case of any deviation / alterations in the project proposal from those submitted to this Ministry for clearance, these stipulations may be modified and / or new ones imposed or the environmental clearance revoked for ensuring environmental protection.	There is no deviation / alteration in the project proposal as submitted for clearance. However, JSW Dharamtar Port has proposed expansion of the jetty. The Environmental and CRZ Clearance for the is accorded by the Ministry of Environment, Forest & Climate Change vide letter dated 26 th November, 2015. The amendment in the EC is granted by MoEF&CC vide their letter dated 26 th March, 2016 and 10 th January, 2020. The consent to establish for the expansion project has also been granted by the Maharashtra Pollution Control Board.
6	These stipulations will be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 and the Environmental (Protection) Act, 1986.	We are regularly complying with the following Environmental Acts: i) Water (Prevention and Control of Pollution) Act, 1974. ii) Air (Prevention and Control of Pollution) Act, 1981. iii) Environmental (Protection) Act 1986. iv) Other general conditions laid down by Maharashtra Pollution Control Board.



COMPLIANCE STATUS OF CAPTIVE JETTY AS PER ENVIRONMENTAL CLEARANCE UPTO NOVEMBER, 2020

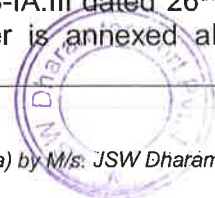
Clearance for Expansion of Dharamtar Jetty facility in Village Dolvi of district Raigad (Maharashtra) by M/s. JSW Dharamtar Port Private Limited – Environmental and CRZ Clearance – Reg

Ref:

1. Ministry of Environment, Forest & Climate Change, Government of India. Letter F.No. 11-79/2013-IA.III dated 26th November, 2015.
2. Amendment in Environmental and CRZ Clearance vide letter dated 26th March, 2016
3. Amendment in Environmental and CRZ Clearance vide letter dated 10th January, 2020


A. SPECIFIC CONDITIONS

Clause No.	Clearance Condition as per MoEF&CC Letter F.No. 11-79/2013-IA.III dated 26 th November, 2015.	Compliance Status up to November, 2020
i.	'Consent to Establish' shall be obtained from Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Maharashtra Pollution Control Board has accorded 'Consent to Establish' for the Expansion of the jetty from 331.5m to 1750m under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 vide their consent order no. Format 1.0/BO/CAC-cell/EICno.RD-2792-14/E(amendment)/CAC-10000 dated 30th October, 2014. The expansion work is still under process. Thereby, the Consent to Establish was revalidated through MPCB vide Consent no: Format1.0/BO/CAC-Cell/UAN No. 23048/CAC-1905000980 dated 16 th May, 2019.
ii.	No mangroves shall be cut during project implementation and utmost care shall be taken to conserve them. Also, in view of the likely impact of the proposed construction methodology, National Centre for Sustainable Coastal Management (NCSCM) may carry out a study for suggesting measures for mangrove protection.	The project does not envisage any mangrove cutting. NCSCM has conducted detailed study on the impact of construction methodology. The report prepared by NCSCM is annexed along as Annexure I
iii.	There shall be no disposal of dredged material into the sea, but to be reused for reclamation and for shore enrichment based on its characteristics, as committed.	The condition of the EC has been amended vide MoEF&CC letter dated FNo.11-79/2013-IA.III dated 26 th March, 2016. The letter is annexed along as Annexure II.



		<p>Accordingly, the granular and rocky materials shall be used for grading the jetty backup area.</p> <p>The remaining material shall be disposed at the grounds designated by CWPRS and accepted by EAC, MoEF&CC.</p>
iv.	<p>Total water requirement of 800KLD after the proposed expansion, shall be met from the existing source of K.T. Bandhara, MIDC. There shall not be any abstraction from any other surface water body or ground water to avoid depletion of the existing local water resources. The wastewater from washing and other construction activities shall be treated to meet the prescribed norms and shall be reused. There shall be no discharge of untreated effluents into the marine environment.</p>	<p>The water requirement shall be met through existing source of K.T. Bandhara, MIDC.</p> <p>The project does not envisage any abstraction from surface water body or ground water. The local water resources will not be altered.</p> <p>The waste water is treated in the soak pit and the treated water is used for sprinkling and gardening. No effluents are generated at the jetty area and no waste water is discharged into the marine environment.</p>
v.	<p>Adequate scour protection shall be applied to prevent damage due to scouring and bathymetric survey will be carried out to ensure that any accretion creates no risk to navigation/sediment transport of the jetty.</p>	<p>Shall be complied</p> <p>Bathymetric survey for the region is carried out. Mathematical model studies for the rate of accretion is done by Central Water and Power Research Station, Pune.</p>
vi.	<p>The PP shall undertake the environmental monitoring programme, as committed in the EIA study. This shall also include continuous measurements of underwater vibration and noise levels by installing appropriate measuring instruments immediately at Piles and thereafter at a distance of 2 km from that Piles.</p>	<p>The environmental monitoring programme is being implemented.</p> <p>The survey for carrying out Underwater vibration and noise level is undertaken. The report is annexed along as Annexure III.</p>
vii.	<p>As committed under the EIA study, necessary arrangements for the treatment of effluents and solid wastes shall be made and it shall be ensured that the untreated effluents and solid wastes are not discharged into the water/CRZ area.</p>	<p>Adequate mitigation measures as mentioned in the EIA study is being taken. The project is cargo handling at the jetty facilities in which no effluents are generated. The solid waste generated at the premises is segregated and disposed as per the norms/ guidelines of the CPCB. No solid waste is discharged into the water/CRZ area.</p>



viii.	Ships/ barges shall not be allowed to release any oily bilge waste or ballast water in the sea. Any effluents from the jetty which have leachable characteristics shall be segregated and recycled/disposed as per MPCB guidelines.	Only barges enter to the jetty area. Release of oily bilge waste or ballast water from these barges is not be permitted. Only handling of cargo is carried out at the jetty. The process does not involve any manufacturing process that generate effluents. Thus no effluents are generated at the jetty.
ix.	Location of DG sets and other emission generating equipment shall be decided keeping in view the predominant wind direction so that emissions do not effect nearby residential areas. Installation and operation of DG sets shall comply with the guidelines of CPCB.	Shall be complied
x.	All the mechanized handling systems and other associated equipments such as hoppers, belt conveyors, stacker cum reclaimers shall have integrated dust suppression systems. Dust suppression systems shall be provided at all transfer points.	All the mechanized handling systems and other associated equipments such as hoppers, belt conveyors, stacker cum reclaimers installed at the jetty as a part of jetty expansion have integrated dust suppression systems. Dust suppression systems are also provided at all transfer points.
xi.	A windshield of appropriate height shall be provided around the coal/other bulk stack yard for control of wind generated dust.	Windshields of appropriate height is provided around the coal/other bulk stack yard.
xii.	All the conditions stipulated by the MCZMA vide their letter no. CRZ-2014/CR-41/TC-4 dated 24.02.2015, shall be strictly complied with.	Is complied.
xiii.	No product other than permitted under the CRZ Notification, 2011 shall be stored in CRZ area.	Shall be adhered
xiv.	The project affected people, if any, due to the land acquisition shall be rehabilitated or compensated as per the norms laid down by the concerned agency of State/Central Government.	No R & R involved. Land will be purchased from private owners as per the prevailing rate.
xv.	The quality of treated effluents, solid wastes, emissions and noise levels and the like, from the project area must conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.	Shall be adhered 

xvi.	All the mitigation measures suggested in the EIA report and the marine environment study of CWPRS, Pune shall be implemented. The compliance for each of those measures shall be submitted to concerned SPCB and R.O. of this Ministry along with six monthly compliance reports.	The compliance report is regularly submitted to MPCB and RO, Nagpur along with the six monthly compliance reports.
xvii.	There shall be no drawal of ground water in CRZ area.	No ground water shall be drawn from the CRZ area.
xviii.	Periodical study on shoreline changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report.	No shoreline changes are envisaged.
xix.	It shall be ensured by the Project Proponent that the activities do not cause any disturbance to the fishing activity, movements of fishing boats and destruction of mangroves during construction and operation phase.	The barges navigate only through the demarcated channel. Fishing activities will not be disturbed due to the upcoming jetty. The project development does not envisage any mangrove cutting.
xx.	All the recommendation of the EMP including dust control at storage and handling of cargos shall be complied with letter and spirit. The Project Proponent may be asked to submit all the EMPs mentioned in the EIA report and during the subsequent presentations made before the EAC shall be submitted in a tabular format with budgetary provisions and the same shall be submitted to Ministry and with a copy to R.O., MoEF&CC within two months.	The recommendation of the Environmental Management Plan suggested in the EIA is implemented.
xxi.	The project Proponent shall take up and earmark adequate fund for socio-economic development and welfare measures as proposed under the CSR Programme. This shall be taken up on priority.	CSR Policy for JSW Dharamtar Port Private Limited is in place. The funds are earmarked. JSW Dharamtar Port is actively involved in CSR activities like supplying water tankers to the villages, promoting cultural activities in the vicinity, sports development, women empowerment, infrastructure improvement etc.
xxii.	The Project Proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	An Environment Cell comprising qualified personnel is formed at the site for monitoring the stipulated environmental safeguards.

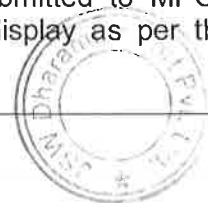


xxiii.	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Funds for environment management plan is included in the annual budget.
xxiv.	The responses/commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.	Shall be complied as committed. JSW proactively provides water tankers to the nearby villages. Also other activities like aids in educational facilities, aid in acquiring technical qualification to the youth, women empowerment is implemented.
xxv.	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentations	Shall be complied
xxvi.	The PP shall engage NCSCM, Chennai to carry out the monitoring at their own cost to ensure proper implementation of the construction methodology and construction of the Jetty without disturbing the existing mangroves, natural resources and other environmental safeguards.	NCSCM is carrying out the study for proper implementation of the construction methodology. No mangroves are disturbed/ cut for project development.
xxvii.	Corporate Social Responsibility; a. The Company shall have a well laid down Environment Policy approved by the Board of Directors. b. The Environment Policy shall prescribe for standard operating process/ procedures to bring into focus any infringements/ deviation/ violation of the environmental or forest norms/conditions. c. The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished. d. To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.	The Safety, Health and Environment Policy is in place. Considering the proposed expansion, the policy shall be updated.

B. GENERAL CONDITIONS

Clause No.	Clearance Condition as per MoEF&CC Letter F.No. 11-79/2013-IA.III dated 26 th November, 2015.	Compliance Status up to November, 2020
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i.	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality	Shall be complied
ii.	Full support shall be extended to the officers of this Ministry/Regional Office at Nagpur by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted and shall be adhered to during the visit of the official during the site inspection.
iii.	A six monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Nagpur regarding the implementation of the stipulated conditions.	Is being complied regularly. The last report from December 2019 to May 2020 was submitted to MoEF&CC, Regional Office Nagpur in June 2020.
iv.	Ministry of Environment, Forest and Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Noted. Any conditions stipulated in the interest of the environment shall be complied with.
v.	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with satisfaction of the Ministry.	Noted
vi.	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change	Noted and shall be complied to.
vii.	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work	Noted and shall be adhered
viii.	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal	Complied. A copy of the environmental clearance was submitted to panchayat office as well as the collector's office.
ix.	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional office/ Tehsildar's office for 30 days.	Complied. A copy of the environmental clearance was submitted to Maharashtra Pollution Control Board for display. A copy was also submitted to MPCB Regional Office for display as per the requisite condition.



JSW DHARAMTAR PORT PVT LTD									
DHARAMTAR, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.									
JETTY AMBIENT AIR QUALITY / NOISE MONITORING REPORT									
Month: From June 2020 To Nov 2020									
MoEF Certification No.857 (E) Valid up to 2023									
Sr. No.	DATE	PM 10 (µg/m3)	PM 2.5 (µg/m3)	SO ₂ (µg/m3)	NO _x (µg/m3)	Sr. No.	DATE	NOISE LEVEL dB(A)	
								DAY	NIGHT
1	11.06.2020	30.12	15.20	10.68	20.02	1	11.06.2020	73.50	62.30
2	13.06.2020	35.62	18.64	10.80	20.88	2	13.06.2020	71.50	60.50
3	15.06.2020	34.02	17.72	10.78	20.66	3	15.06.2020	71.90	64.30
4	17.06.2020	36.08	19.64	10.90	21.04	4	17.06.2020	73.90	59.80
5	19.06.2020	35.90	17.10	10.69	20.72	5	19.06.2020	73.10	61.50
6	22.06.2020	31.02	15.28	10.84	20.56	6	22.06.2020	67.10	65.30
7	24.06.2020	34.78	17.58	10.70	19.98	7	24.06.2020	71.90	63.50
8	26.06.2020	38.16	19.82	10.68	20.48	8	26.06.2020	72.60	65.70
9	29.06.2020	39.44	21.20	10.92	21.12	9	01.07.2020	73.90	63.10
10	01.07.2020	34.80	17.52	11.04	22.68	10	03.07.2020	72.50	61.40
11	03.07.2020	37.02	20.04	11.28	23.04	11	06.07.2020	72.40	65.40
12	06.07.2020	36.42	19.08	11.10	22.04	12	08.07.2020	73.20	60.70
13	08.07.2020	38.02	21.04	11.34	23.02	13	10.07.2020	73.30	62.20
14	10.07.2020	32.08	15.08	10.58	18.54	14	14.07.2020	66.20	66.20
15	14.07.2020	33.58	17.98	11.80	22.56	15	24.07.2020	72.30	64.20
16	24.07.2020	31.02	14.98	10.52	17.46	16	27.07.2020	71.70	66.40
17	27.07.2020	35.04	17.88	10.56	18.02	17	01.08.2020	73.70	64.30
18	29.07.2020	36.42	19.64	10.66	19.58	18	04.08.2020	71.70	62.40
19	01.08.2020	35.55	18.10	11.10	22.75	19	07.08.2020	73.50	65.80
20	04.08.2020	36.52	19.80	11.35	23.77	20	10.08.2020	73.90	61.20
21	07.08.2020	36.10	19.41	11.25	23.36	21	12.08.2020	72.80	63.10
22	10.08.2020	37.80	20.12	11.60	23.34	22	14.08.2020	65.60	67.10
23	12.08.2020	34.20	17.62	10.90	19.23	23	18.08.2020	72.70	65.30
24	14.08.2020	35.23	18.42	11.23	22.80	24	21.08.2020	71.90	65.90
25	18.08.2020	33.60	16.12	10.90	18.86	25	03.09.2020	72.60	63.10
26	21.08.2020	34.27	18.40	11.20	21.87	26	05.09.2020	73.10	61.30
27	26.08.2020	35.21	19.50	10.98	19.42	27	07.09.2020	72.20	64.60
28	03.09.2020	37.40	20.16	12.64	24.08	28	12.09.2020	71.40	61.50
29	05.09.2020	38.26	21.04	12.08	24.42	29	15.09.2020	72.40	63.60
30	07.09.2020	39.02	21.56	12.32	25.04	30	19.09.2020	64.30	67.90
31	12.09.2020	36.02	19.42	11.32	22.48	31	21.09.2020	71.10	63.90
32	15.09.2020	37.14	20.06	12.04	24.06	32	24.09.2020	68.90	64.80
33	19.09.2020	35.12	18.94	11.52	20.16	33	03.10.2020	73.40	64.60
34	21.09.2020	36.10	20.54	12.06	24.08	34	05.10.2020	72.70	62.90
35	24.09.2020	30.28	15.50	10.68	17.66	35	10.10.2020	72.30	63.80
36	29.09.2020	38.28	22.44	12.02	24.56	36	13.10.2020	71.90	61.50

37	03.10.2020	39.28	22.64	13.06	26.40	37	15.10.2020	74.10	65.20
38	05.10.2020	40.14	23.02	13.32	26.74	38	19.10.2020	72.50	63.30
39	10.10.2020	41.28	23.96	13.88	27.04	39	22.10.2020	73.20	67.40
40	13.10.2020	42.84	24.10	13.60	26.80	40	27.10.2020	71.60	66.70
41	15.10.2020	39.38	21.04	12.56	24.10	41	02.11.2020	72.70	62.70
42	19.10.2020	40.12	21.98	12.76	26.08	42	04.11.2020	72.40	63.70
43	22.10.2020	37.92	20.02	12.04	23.10	43	06.11.2020	71.90	62.90
44	27.10.2020	38.22	22.16	13.64	25.90	44	13.11.2020	73.80	61.80
45	30.10.2020	33.84	16.40	11.28	19.28	45	16.11.2020	72.90	64.30
46	02.11.2020	41.10	24.22	13.84	28.26	46	21.11.2020	73.10	64.90
47	04.11.2020	42.26	25.08	13.90	28.02	47	24.11.2020	72.70	63.40
48	06.11.2020	43.18	25.14	14.56	29.88	48	27.11.2020	73.20	66.40
49	10.11.2020	44.60	26.18	14.20	28.04				
50	13.11.2020	41.56	23.40	13.22	26.02				
51	16.11.2020	42.64	23.50	13.04	27.95				
52	21.11.2020	39.58	22.10	12.88	25.06				
53	24.11.2020	40.08	24.52	14.02	27.06				
54	27.11.2020	35.16	18.22	11.72	22.08				

JSW DHARAMTAR PORT PVT LTD																	
DHARAMTAR, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.																	
JETTY CREEK WATER ANALYSIS REPORT																	
MONTH: JUNE-20 to NOV-20																	
MeEF Certification Sr.No.857 (E) Valid up to 2023																	
WATER SAMPLES DETAILS																	
PARAMETERS	Monitoring Locations	Turbidity	pH	TDS	Chloride	Nitrate	Hexavale Chromium	Conductivity	Oil & Grease	Sulphate	Lead	Mercury	COD	Temp	Salinity	BOD	Phosphate
UNIT		NTU		mg/l	mg/l	mg/l	mg/l	µmhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	OC	PSU	mg/l	mg/l
Date																	
13.06.2020	Jetty Creek No.5 Berth	0.1	7.77	29244	9012	4.34	<0.02	49000	<0.1	654	0.07	<0.001	278	25	30.546	92	<0.01
15.06.2020	Jetty Creek No.10 Berth	0.1	7.8	28622	9242	3.02	<0.02	48000	<0.1	762	0.076	<0.001	287	25	31.274	93	<0.01
17.06.2020	500 M at west side opposite tower crane	0.1	7.8	29012	8910	3.1	<0.02	48000	<0.1	742	0.09	<0.001	292	25	31.274	94	<0.01
17.06.2020	500 M at west side	0.1	7.72	29224	9268	2.824	<0.02	49000	<0.1	824	0.116	<0.001	296	25	32.004	98	<0.01
19.06.2020	1000 M from Jetty	0.1	7.69	29624	8912	3.012	<0.02	49000	<0.1	732	0.162	<0.001	278	25	32.004	91	<0.01
22.06.2020	Jetty Creek no.5 Berth	0.1	7.8	29634	8912	4.98	<0.02	49000	<0.1	688	0.068	<0.001	280	25	30.546	93	<0.01
24.06.2020	Jetty Creek no.10 Berth	0.1	7.82	28842	9028	2.68	<0.02	48000	<0.1	812	0.072	<0.001	294	25	31.274	94	<0.01
26.06.2020	500 M at west side opposite tower crane	0.1	7.7	29212	8412	2.1	<0.02	48000	<0.1	740	0.08	<0.001	290	25	31.274	94	<0.01
26.06.2020	500 M at east side	0.1	7.79	29924	9268	2.624	<0.02	50000	<0.1	730	0.11	<0.001	288	25	32.738	96	<0.01
29.06.2020	1000 M from Jetty	0.1	7.73	29524	8712	2.742	<0.02	49000	<0.1	722	0.113	<0.001	292	25	32.004	95	<0.01
03.07.2020	Jetty Sample no.5 Berth	0.1	7.62	29670	8806	1.862	<0.02	49000	<0.1	776	0.07	<0.001	292	25	32.004	94	<0.01
03.07.2020	Jetty Sample no.10 Berth	0.1	7.6	29782	8610	1.706	<0.02	50000	<0.1	802	0.064	<0.001	288	25	32.738	92	<0.01
06.07.2020	500M at west side Opposite tower crane	0.1	7.8	29880	9252	2.452	<0.02	50000	<0.1	810	0.074	<0.001	280	25	32.738	94	<0.01
08.07.2020	500M at east side	0.1	7.64	29668	8860	2.632	<0.02	50000	<0.1	820	0.062	<0.001	289	25	32.684	92	<0.01
08.07.2020	1000M from Jetty	0.1	7.72	29772	9056	2.56	<0.02	50000	<0.1	798	0.068	<0.001	288	25	32.632	92	<0.01
24.07.2020	Jetty Sample no.5 Berth	0.1	7.68	29282	8906	2.062	<0.02	49000	<0.1	818	0.072	<0.001	288	25	32.004	92	<0.01



24.07.2020	Jetty Sample no.10 Berth	0.1	7.62	29880	8672	2,008	<0.02	50000	<0.1	788	0.066	<0.001	298	25	32,738	96	<0.01
	500M at west side apposite tower crane																
27.07.2020		0.1	7.78	29772	9030	1,832	<0.02	50000	<0.1	792	0.062	<0.001	288	25	32,732	94	<0.01
27.07.2020	500M at east side	0.1	7.7	29712	8412	1,906	<0.02	50000	<0.1	798	0.07	<0.001	280	25	32,53	90	<0.01
29.07.2020	1000M from Jetty	0.1	7.7	29810	8610	2,208	<0.02	50000	<0.1	802	0.072	<0.001	292	25	32,412	94	<0.01
04.08.2020	Jetty Creek no.5 Berth	0.1	7.62	29632	8672	1,982	<0.02	50000	<0.1	798	0.062	<0.001	288	25	32,132	92	<0.01
04.08.2020	Jetty Creek no.10 Berth	0.1	7.6	29682	8280	1,96	<0.02	50000	<0.1	784	0.064	<0.001	284	25	32,104	92	<0.01
07.08.2020	500M at west side apposite tower crane	0.1	7.7	29612	7872	1,602	<0.02	49000	<0.1	698	0.068	<0.001	292	25	32,004	94	<0.01
07.08.2020	500M at east side	0.1	7.67	29860	8012	1,842	<0.02	50000	<0.1	738	0.07	<0.001	302	25	32,73	95	<0.01
07.08.2020	1000M from Jetty	0.1	7.72	29910	7678	1,618	<0.02	50000	<0.1	712	0.062	<0.001	286	25	32,67	92	<0.01
18.08.2020	Jetty Creek no.5 Berth	0.1	7.68	29780	8274	1,88	<0.02	50000	<0.1	780	0.066	<0.001	290	25	32,612	94	<0.01
18.08.2020	Jetty Creek no.10 Berth	0.1	7.7	29768	8086	2,082	<0.02	50000	<0.1	782	0.068	<0.001	282	25	32,578	92	<0.01
21.08.2020	500M at west side apposite tower crane	0.1	7.68	29290	7682	1,828	<0.02	49000	<0.1	712	0.072	<0.001	290	25	32,004	94	<0.01
21.08.2020	500M at east side	0.1	7.66	29852	7416	2,01	<0.02	50000	<0.1	819	0.064	<0.001	292	25	32,212	94	<0.01
21.08.2020	1000M from Jetty	0.1	7.7	29860	7812	1,872	<0.02	50000	<0.1	812	0.066	<0.001	290	25	31,108	94	<0.01
05.09.2020	Jetty Creek no.5 Berth	0.1	7.64	29534	8240	1,64	<0.02	49000	<0.1	768	0.054	<0.001	272	26	32,004	88	<0.01
05.09.2020	Jetty Creek no.10 Berth	0.1	7.58	30252	8892	2,064	<0.02	50000	<0.1	756	0.064	<0.001	282	26	32,738	90	<0.01
07.09.2020	500M at west side apposite tower crane	0.1	7.72	29272	8006	2,062	<0.02	49000	<0.1	690	0.06	<0.001	300	26	32,459	95	<0.01
12.09.2020	500M at the east side	0.1	7.7	29982	7992	2,21	<0.02	49970	<0.1	760	0.064	<0.001	312	26	32,715	98	<0.01
15.09.2020	1000M from Jetty	0.1	7.68	29924	7960	1,962	<0.02	49890	<0.1	779	0.062	<0.001	290	26	32,557	93	<0.01
21.09.2020	Jetty Creek no.5 Berth	0.1	7.6	29600	8272	1,732	<0.02	49000	<0.1	780	0.064	<0.001	280	26	32,004	90	<0.01
21.09.2020	Jetty Creek no.10 Berth	0.1	7.62	30086	8920	2,082	<0.02	50000	<0.1	762	0.072	<0.001	292	26	32,814	94	<0.01
24.09.2020	500M at west side apposite tower crane	1	7.66	29396	8016	2,008	<0.02	48993	<0.1	712	0.062	<0.001	298	26	31,999	95	<0.01
29.09.2020	500M at the east side	1	7.74	29960	7820	2,138	<0.02	49933	<0.1	742	0.06	<0.001	298	26	32,688	95	<0.01
29.09.2020	1000M from Jetty	0.1	7.74	29938	8062	1,88	<0.02	49896	<0.1	770	0.067	<0.001	296	26	32,661	94	<0.01
05.10.2020	Jetty Creek no.5 Berth	0.1	7.72	30270	8482	2,08	<0.02	51000	<0.1	820	0.078	<0.001	290	25	33,473	92	<0.01
10.10.2020	Jetty Creek no.10 Berth	0.1	7.68	29964	8294	2,08	<0.02	49940	<0.1	790	0.062	<0.001	286	25	32,693	90	<0.01
13.10.2020	500M at west side apposite tower crane	0.1	7.69	30122	8082	1,882	<0.02	50000	<0.1	762	0.062	<0.001	296	25	32,738	96	<0.01

13.10.2020	500M at the east side	0.1	7.72	30080	7880	1.77	<0.02	50133	<0.1	760	0.058	<0.001	300	25	32,738	96	<0.01
15.10.2020	1000M from Jetty	1	7.74	32114	8620	2.242	<0.02	53000	<0.1	882	0.064	<0.001	302	25	34,952	98	<0.01
19.10.2020	Jetty Creek no.5 Berth	0.1	7.7	30112	8490	1.988	<0.02	51000	<0.1	832	0.08	<0.001	296	25	33,468	92	<0.01
22.10.2020	Jetty Creek no.10.Berth	0.1	7.69	30012	8092	1.984	<0.02	50020	<0.1	824	0.068	<0.001	294	25	32,738	94	<0.01
27.10.2020	500M at west side apposite tower crane	0.1	7.72	30088	7980	1.98	<0.02	50000	<0.1	770	0.06	<0.001	290	25	32,572	95	<0.01
27.10.2020	500M at the east side	0.1	7.74	29972	8006	1.842	<0.02	49953	<0.1	790	0.06	<0.001	298	25	32,664	96	<0.01
30.10.2020	1000M from Jetty	1	7.7	32082	8542	2.182	<0.02	54000	<0.1	902	0.066	<0.001	304	25	35,695	98	<0.01
10.11.2020	Jetty Creek no.5 Berth	0.1	7.49	26364	9008	0.467	<0.02	45000	<0.1	922	0.082	<0.001	315	25	28,013	96	<0.01
10.11.2021	Jetty Creek no.10.Berth	0.1	7.55	26524	9345	0.354	<0.02	45000	<0.1	910	0.064	<0.001	298	25	28,01	95	<0.01
10.11.2020	500M at west side apposite tower crane	0.1	7.52	24100	8992	0.195	<0.02	42000	<0.1	874	0.06	<0.001	288	25	26,945	92	<0.01
10.11.2020	500M at the east side	0.1	7.58	28996	9112	0.318	<0.02	48000	<0.1	910	0.062	<0.001	342	25	31,274	97	<0.01
10.11.2020	1000M from Jetty	0.1	7.83	28144	8920	0.453	<0.02	47000	<0.1	892	0.06	<0.001	338	25	30,546	96	<0.01
24.11.2020	Jetty Creek no.5 Berth	0.1	7.52	26900	9112	0.558	<0.02	46000	<0.1	908	0.078	<0.001	308	25	29,821	96	<0.01
25.11.2020	Jetty Creek no.10.Berth	0.1	7.56	27012	8914	0.518	<0.02	46000	<0.1	892	0.064	<0.001	310	25	29,61	96	<0.01
26.11.2020	500M at west side apposite tower crane	0.1	7.55	25742	8719	0.492	<0.02	42500	<0.1	870	0.062	<0.001	292	25	27,66	93	<0.01
27.11.2020	500M at the east side	0.1	7.62	28672	8910	0.372	<0.02	48000	<0.1	988	0.058	<0.001	312	25	31,274	96	<0.01
27.11.2020	1000M from Jetty	1	7.78	28540	8872	0.45	<0.02	48000	<0.1	895	0.059	<0.001	322	25	31,182	97	<0.01



