

Minutes of the 5th meeting of reconstituted West Bengal State Coastal Zone Management Authority (WBCZMA) held on 11th July, 2023 at 3:00 pm at the Conference Hall of Environment Department

The following agendas were discussed during the meeting;

Agenda 1: CRZ recommendation for the project titled 'proposed Haldia- Panagarh LPG pipeline at Haldia, Purba Medinipur District, West Bengal'.

Brief Description of the project:

- ❖ **Name of the Project:** 3.2 Km stretch from Hindustan Aegis LPG Ltd, (HALL) to Haldia Terminal for proposed Haldia- Panagarh LPG pipeline at Haldia, Purba Medinipur District, West Bengal
- ❖ **Location:** Haldia, Purba Medinipur District
- ❖ **Project Proponent:** Hindustan Petroleum Corporation Ltd.
- ❖ **Cost of the Project:** Rs. 1010 crore for entire 202 Kms of pipeline
- ❖ **Total Area of Interest:** Total area of interest is 3.2 km from HALL to Haldia Terminal.

The entire length of the pipeline is approx. 202 Kms. out of which the total area of interest which is falling within Purba Medinipur District is 3.2 Kms. The cross country pipeline shall be laid from Haldia to HPCL LPG bottling plant at Panagarh. The pipeline will originate from Haldia and end at Panagarh. The area of Interest extends from existing LPG import terminal of Hindustan Aegis LPG Ltd, (HALL) to Haldia Terminal.

Pipeline Section	Length (Kms) approx.	Diameter (inch)
Haldia-Panagarh (Mainline)	198.005	10
HALL Haldia (Feeder Line)	3.169	12

A small section of proposed Haldia – Panagarh pipeline lies within CRZ. As per the CRZ report prepared by Institute of Environmental Studies and Wetland Management (IESWM), the details of the area statistics for the project are as follows;

Sl. No.	Description	Approx. Area (km)	Approx. Area (%)
1	Entire Length of Pipeline	202	--
2	Total Area of Interest	3.2	100%
3	CRZ-II	2.8	90%
4	Beyond CRZ	0.4	10%

The project area comes under Seismic Zone III (Moderate Risk Zone), which is slightly prone to earthquake. The area is also prone to cyclones.

As per the reports submitted by the Project Proponent, out of 36 turning points (TPs), 9 points lie beyond CRZ, rest 27 points lay within CRZ II. The pipeline will be laid underground and carbon steel pipeline material would be used. The pipeline across major perennial rivers/canals is proposed to be installed by Horizontal Directional Drilling (HDD) technique whereas across nallahs/ minor canals, pipeline would be laid by submerged crossing method. Provision has also been kept for installing pipeline by HDD method across National/State Highways. The pipeline diameter is 10" with thickness of 6.4 mm.

As stated by Project Proponent, there would not be any air pollution due to gaseous emission as this pipeline will be 1.5 m below surface. Moreover, transportation of LPG via pipeline is safer and environment friendly compared to transport by road.

Local people would be employed during the construction phase and therefore no labour camp is required. Biodegradable waste would be managed through aerobic composting while the non-biodegradable waste would be managed through authorized recyclers. The hazardous waste would be managed as per the applicable rules. During operation time there would not be any noise however; during construction some noise would be generated.

The power requirement during construction phase would be 60 KW and DG set of 65 KW capacity would be used as a backup. The total water requirement during construction phase will be around 2 KLD and 0.5 KLD for domestic purposes for construction of 3.2 km of pipeline. The water requirement would be met from river/ well. During construction emission of dust may occur and to reduce it, dust barrier walls and water sprinklers would be used.

The baseline environmental Study has been done from October, 2002 to December, 2022. The EIA report mentions that a Green Belt will be developed over 33% of total area in Receiving Station as well as in Dispatch Station, considering 1500 trees per hectare. The pipeline does not pass any eco-sensitive zone/ National Park/ Sanctuary/ Reserve Forest.

Budget provision for Environment Management during operation as well as construction phase has been provided.

M/s Haldia Petrochemicals Corporation Ltd, the Project Proponent made a presentation on the proposed project explaining its salient points. After presentation, the following points were deliberated on:

- The PP informed that the project site i.e., entire 3.2 km of LPG pipeline, out of the total 202 km Haldia- Panagarh pipeline passes through the dedicated land corridor within Haldia Dock Complex earmarked for all industries to lay their pipelines.
- The PP informed that risk reduction would be carried out by regular inspection of the pipeline

- The members enquired about the species that would be planted in the project area. It was informed that the plantation would be taken up only in the dispatch station at Haldia and at the bottling station at Panagarh. Plantation would not be possible along the pipeline route as the land is not in the possession of HPCL.
- It was informed by the Authority that since the project area is a migratory bird route, no disturbance to the birds during the migratory season should occur. The PP ensured that the excavation activity would be planned in a way so that it would not coincide with the migration period of birds.
- PP was asked to study the environmental benefits (carbon credits) that would accrue due to the construction of pipeline and transportation of LPG through the pipeline in place of road transport as this would reduce the usage of fossil fuel and ultimately reduce air pollution.

DECISION: Based on the detailed deliberations and clarification given by the Project Proponent, the WBSCZMA unanimously agreed to recommend the said project to the Ministry of Environment, Forest & Climate Change subject to conditions specified below, for CRZ clearance as per CRZ Notification, 2011;

GENERAL CONDITIONS:

1. CRZ norms as laid down in CRZ Notification, 2011(as amended from time to time) should be strictly followed till finalization of CZMP, 2019. All other statutory clearances as applicable shall be obtained by the Project Proponent from the respective competent Authorities.
2. Drawal of ground water within 200m of HTL is prohibited. In no case ground water should be extracted without permission of the Competent Authority under the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.
3. The Proponent should abide by the Municipal Solid Waste (Management & Handling) Rules, 2016. The Proponent must develop the solid waste management and disposal plan ensuring storage and segregation of bio-degradable and non-biodegradable wastes. The biodegradable wastes to be composted and used as manure. The inorganic wastes should be handed over to the Municipal Authority.
4. The Proponent should strictly abide by The West Bengal Trees (Protection and Conservation in non-forest areas) Rules, 2007.

5. The Project Proponent shall submit a half yearly compliance report to MoEF&CC/ WBSCZMA in respect of the stipulated terms and conditions in hard and soft copies on 1st July and 31st December each calendar year.
6. Adequate provisions for the infrastructure facilities including water supply and sanitation should be ensured for the labourers during the construction period in order to avoid damage to the surrounding environment. Medical aid facility to be made available quickly in case of an accident.
7. All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central/ State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea/ coastal water bodies.
8. Construction materials and wastes including hazardous substances, if any, should not be allowed to pollute the surrounding land or aquatic environment, as the case may be and should be disposed of as per prevalent rules.
9. The noise level and the suspended particulate matters should be kept within permissible levels during construction as well as operation phase and should be minimized through good working practices and management of working hours. Green DG sets should be installed for controlling sound and gaseous emission. Dust suppression should be done by sprinkling water wherever necessary.
10. The WBSCZMA may monitor the implementation of the project at any stage. The authorised officials of the West Bengal State Coastal Zone Management Authority shall have the power to inspect the sites to enforce these conditions imposed by the State authority. Full co-operation shall be extended to the officials of WBSCZMA during monitoring of implementation of environmental safeguards stipulated. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary.
11. Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned in the recommendation letter may result in withdrawal of this clearance and attract action under the provision of Environment (Protection) Act, 1986.

SPECIFIC CONDITIONS:

- The project proponent would make detailed study on environmental benefits (carbon credits) that would accrue due to the construction of pipeline and transportation of LPG through the pipeline in place of road transport as this would reduce the usage of fossil fuel and ultimately reduce air pollution.

- The recommendation of CRZ clearance mentioned here is limited to the 2.8 km stretch of pipeline falling with CRZ II.
- The selection of suitable plant species for planting may be done in discussion with WBBB or Forest Deptt. Indigenous plants should be used for plantation.
- Since the project area is a migratory bird route, no disturbance to the birds during the migratory season should occur.
- The first-aid kits should also be ensured at construction sites. Use of safety equipment like goggles, helmets etc. to be ensured compulsorily.
- Proper fire fighting equipment should be kept ready, regularly maintained and occasional drills to be carried out. Storage of fuel should be as per the Rules and guidelines laid down in relevant statutes.
- All vehicles, machinery and equipment to be engaged for construction would conform to relevant pollution standards.
- After completion of construction activities general clean up of area including inter tidal area should be undertaken.
- No permanent labour camp, machinery and material storage shall be allowed in CRZ area. Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of each segment of the project.
- The Authority reserves the right to add additional safeguard measures subsequently if found necessary.

Agenda II: Matter related to submission of different geo-coordinates by the same entity, to IESWM, for CRZ status determination.

Issue: M/s New Sagarika Tourist Lodge got its CRZ status ascertained from IESWM where it was found that out of 4 geo coordinates submitted, 2 were falling within CRZ area where clearance from the concerned authority is necessary before taking up and development work. Now, they have submitted an application for providing revised CRZ certificate after changing the coordinates that were falling within CRZ. The members were requested for guidance so that similar cases, if received, in future can be dealt accordingly.

Decision: It was decided that all such cases should be routed through the District Level Committee. The DLC should forward such cases with its observation on the authenticity of co-ordinates.

Agenda III: Matter related to change of name of Hotel M/s Hotel Shanti Nibas to M/s Shanti Sea View Resort & Spa (A unit of Chatterjee Krishi Udyog Pvt. Ltd.)

Issue: Hotel Shanti Nibas got CRZ maps prepared from IESWM in the name of M/S Shanti Nibas. Now, due to certain reasons they have changed the name of their hotel to M/s Shanti Sea View Resort & Spa and have applied to accordingly reflect the new name in the CRZ Report and maps. Authority was requested to give its decision on the matter.

Decision: The Authority decided that for such cases of name change, the applicants need not approach WBSCZMA.

Agenda IV: Decision taken by the Technical Committee constituted for re-alignment of High Tide Line (HTL) in different Mouzas of North 24 Parganas District where embankments have been constructed by the Irrigation & Waterways Deptt.

The Authority was informed about the decision of Technical Committee, "that the places where river bank/ coastal erosion has taken place and new embankments have been constructed by the Irrigation and Waterways Department to prevent further erosion, the new HTL would be considered along the embankment and the CRZ extent will be kept 100mts or width of the river/ creek whichever is less irrespective of Island or Mainland Sundarban. Apart from this for the highly vulnerable stretches the CRZ extent will be kept 100 mts from HTL even if such vulnerable stretches are falling in the mainland Sundarban such as Baumnia Abad area in Sandeshkhali I block, which is falling in the mainland Sundarban.

After a prolonged discussion, the Committee also decided that since Sundarban is a hydro-geomorphologically sensitive area and subject to frequent cyclones and storm surges causing embankment breaches, therefore, if any breach occurs in future and a ring embankment is constructed by the I&WW Deptt, then in such cases the newly built ring embankment constructed would be treated as the New HTL and the CRZ extent will

automatically be shifted upto 100mts from the new location of the HTL to be caused due to soil erosion.

Agenda V: Miscellaneous

Issue: Ferdous Mondal and Nur Islam Mondal jointly approached IESWM for preparing CRZ status of their plot in their name and accordingly the status report was prepared and handed over to them. Now they have again approached and requested to prepare the certificate in name of their business i.e., M/s RNB Poly Plust, where the partnership deal is between Nurislam Mondal and Shahenshah Mondal. Authority was requested to give its decision on the matter.

Decision: The Authority decided that the CRZ report has been prepared for the plot of land which is not changing and therefore for such cases of name change, the applicants need not approach WBSCZMA.

The meeting then ended with a vote of thanks to and from the chair.

Roshni Sen 19/7/23

Principal Secretary, Environment Deptt.
&
Chairperson, WBSCZMA

Memo No. *007*/EN/T-II-04/31/2023

Date: *20.07.2023*

Copy forwarded for information to the:-

1. The Principal Secretary, Deptt. of Urban Development & Municipal Affairs, Govt. of W.B.
2. Dr. Kalyan Rudra, Chairman, West Bengal Pollution Control Board, Govt. of W.B
3. The Addl. Principal Chief Conservator of Forests & Director, Sundarban Biosphere Reserve, Directorate of Forests, Govt. of W.B.
4. Prof. Dhruvajyoti Sen, Deptt. of Civil Engineering, IIT, Kharagpur, W.B.
5. Ms. Ajanta Dey, Joint Secretary and Programme Director, Nature Environment and Wildlife Society.

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Member Secretary,
WBSCZMA
&
Director, IESWM
(in the rank of Principal Secretary)

Memo No. ^{009/1/1} (2) -EN/T-II-04/31/2023

Date: 20.02.2023

Copy forwarded to:

1. District Magistrate, Purba Medinipur District
2. Sr. P.S. to Principal Secretary, Department of Environment, GoWB & Chairman, WBSCZMA

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Member Secretary,
WBSCZMA
&
Director, IESWM
(in the rank of Principal Secretary)

Memo No. ^{009/1/1} (1) -EN/T-II-04/31/2023

Date: 20.07.2023

Copy forwarded to:

1. Mr. M. J. Ravi, Deputy General Manger, Hindustan Petroleum Corporation Ltd, HPPL Project, EZ Kolkata, 771, Anandapur, Kolkata, Opposite EM Bypass, Kolkata- 107.

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Member Secretary,
WBSCZMA
&
Director, IESWM
(in the rank of Principal Secretary)