



**Inland Waterways
Authority of India**



ARKITECHNO CONSULTANTS (INDIA) PVT. LTD.

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CONSULTANTS (INDIA) PVT. LTD.

In Joint Venture with

IRCLASS

INFRASTRUCTURE AND SUPPLY CHAIN MANAGEMENT

GOVERNMENT OF INDIA

Inland Waterways Authority of India, Ministry of Shipping, Govt. of India

**Project: Engineering, Procurement and
Construction of Multimodal IWT Terminal at
Haldia, West Bengal**

**Half Yearly Compliance Report of CRZ
(Jan to Jun-2021)**

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1.0. Conditions/recommendations stipulated by the West Bengal State Coastal Zone Management Authority (WBSCZMA) vide its letter no. 135/EN/T-II/018/2015, dated 24.01.2017.

Specific Recommendations	Status of Compliance	Evidence-Photographs/ bills/annexure
<ul style="list-style-type: none"> CRZ norms as laid down in CRZ Notification, 2011 should be strictly followed. 	The recommendation / conditions applicable for construction stage are being complied Some conditions / recommendations need to be complied prior to operational stage and during operational stage.	
<ul style="list-style-type: none"> The built-up area as proposed should be strictly adhered to. 	Noted and agreed	
<ul style="list-style-type: none"> Noise and vibration during construction Should be minimized through good working practices and management of working hours. 	Since February 2021 onwards no concrete work or construction, Engine driven machinery ,DG set was not in running condition, as work of the project was under completion, hence noise monitoring was inactive from February 2021.	Annexure-1 Noise Monitoring Report of Jan 2021
<ul style="list-style-type: none"> The structures created under this project Should be able to withstand cyclonic storm that is likely to strike the coast once in 20 years interval. The project proponent should get the plan certified by a competent architect regarding its Structural stability. 	Being complied with	
<ul style="list-style-type: none"> Extraction of sand, leveling or digging of Sandy stretches except for structural formation should not be done under any circumstance. 	Noted and agreed.	
<ul style="list-style-type: none"> No dredging should be done during Hilsa. Breeding season. 	Dredging is not in the scope of terminal construction activities.	
<ul style="list-style-type: none"> Oil Spill Disaster Contingency Plan along the entire route of operations approved by Indian Coast Guard should be submitted prior to commencement of Cargo handling and dispatch. 	Cargo handling and dispatch is not in the scope of terminal construction activity.	
<ul style="list-style-type: none"> The vessels using the facility should have proper safeguard for protection of wildlife such as dolphin etc. from damage by propeller. 	No such big vessels having propeller are being used in construction activity, which may cause any damage to aquatic Wildlife.	

General Conditions	Status of Compliance	Evidence- Photographs/ bills/ annexure
Study of the siltation rate is to be submitted To the Authority from time to time.	A study on Siltation rate needs to be carried out by authorizes agencies/institutions after completion of structures.	
Liquid waste if any, from this area will not Be allowed to drain directly into the river.	Liquid hazardous waste has been Stored in separate room collected from site activities and has been disposed to authorized agency at regular interval.	Annexure-2 Disposal record of Waste oil.
During loading and unloading of cargo strict Vigilance should be done to avoid spillage directly on river water.	Loading and unloading of cargo is not In the scope of terminal construction activity.	
The Contractor should abide by the Municipal Solid Waste (Management & Handling) Rules, 2000. The Contractor must develop the solid waste management and disposal scheme ensuring storage and segregation of bio-degradable and non- biodegradable wastes. The solid wastes to be composted and used as manure.	Solid waste collected in color coded waste been provided in various splices and to be disposed off from Site & Labor Camp as per standard procedure.	
Adequate provision for the infrastructure facilities including water supply and sanitation may be ensured for the laborers during the construction period in order to avoid damage to the surrounding environment.	The facilities like drinking water, proper labour accommodation, toilet facilities, Provision of First Aid Centre, Fire Extinguishers provided at labour camp. Regular cleaning & disinfection activities have been carried out at regular interval.	Annexure -8 Agreement copy with PCI.
Construction materials and wastes including hazardous substances such as oil, if any, should not be allowed to pollute the surrounding land or aquatic environments the case may be and should be disposed of as per prevalent rule.	Liquid hazardous waste has been stored in separate room collected from site activities and disposed to authorized agency. Secondary containment as dip tray has been provided in the Oil Storage near Store to prevent oil spills.	Liquid Hazardous waste has been disposed to Authorized Vendor.

General Conditions	Status of Compliance	Evidence- Photographs/bills/ annexure
The noise level and the suspended particulate matters should be kept within permissible levels at the time of establishments as well as operations.	Noise Monitoring and Ambient Air Monitoring has been carried out as per monitoring plan. Dedicated Tanker has been deployed for frequent Water sprinkling.	Annexure- 1 Noise Monitoring Report. Air Monitoring Report – Jan 2021 Annexure- 3/4/5
There should not be any removal of vegetative cover both at the establishment as well as operation stage, without the sanction of appropriate authority.	Noted and maintained	
The ships should not discharge ballast water or any untreated sewage directly into the river.	Ship and cargo movement is not required during the construction of Terminal.	
This CRZ clearance accorded to the project shall remain valid for a period of 5 years From the date of its issue.	Noted	
The Contractor shall submit half yearly compliance report in respect of stipulated terms and conditions in hard and soft copies on 1st June and 31st December of each calendar year.	Noted & Agreed.	
The WBSCZMA may monitor the implementation of the project at any stage. For all activities the authorized member of West Bengal State Coastal Zone Management Authority will have the power to inspect the sites to enforce conditions imposed by the state authority. The Authority reserves the right to add additional safeguard measures Subsequently if found necessary.	Noted	
• Mudflat (adjoining and in the near vicinity of the project areas) restoration plan shall be developed with specific focus on waders and other migratory species. Non- vegetated mudflats must be maintained as it is and no mangrove a forestation should be undertaken on the same.	There is no such existence of mangroves , invertebrate communities like juvenile shore crabs , common periwinkle, salt marsh birds, migratory species etc in the mudflat area.	Photo- -Mud flat area near vicinity of the project area.

General Conditions	Status of Compliance	Evidence- Photographs/ bills/ annexure
The contractor shall ensure that Implementation of the Oil Spill Contingency Plan is regularly monitored and observations documented and submitted to the concerned authority.	During construction stage secondary containment has been provided in Oil storage to prevent oil spill and concrete base arrangements has been made to prevent soil contamination	
Surface water contamination shall be monitored periodically in order to prevent contamination of run-off water getting mixed of contaminated run-off with river. The monitoring results shall be submitted periodically to the State Pollution Control Board and the regional office of the Ministry.	Surface water quality is monitored On monthly basis as per the requirement.	Annexure- 6 & 7 Surface Water Quality Report Jan 2021
In order to ensure that the fishing community are not disturbed during their course of fishing activity, the project proponent shall ensure that barge movement shall be restricted to channel area only and the speed of barges regulated.	Fishing communities are not disturbed by the construction Activities.	Photo--Fishing activity is going on near the project site.
The project proponent shall provide Arrangement for Fish Drying beds with prior consultation with the fishing community. In addition, the project proponent shall ensure rehabilitation and resettlement of the fishermen communities in the event the project impacts existing livelihood pattern of these communities.	Noted.	
There shall be no disposal of solid or liquid Wastes on the coastal area. Solid waste management shall be as per Solid Wastes Management Rules, 2016. A team comprising of members of the WBCZMA and others with expertise in the subject may visit the project site periodically during the construction phase to supervise and suggest additional measures if Desired.	Noted	

General Conditions	Status of Compliance	Evidence- Photographs/bills/ annexure
<ul style="list-style-type: none"> Status of implementation of the specific and General conditions prescribed in the recommendations made by the West Bengal Coastal Zone Management Authority shall be submitted to all concerned agencies including regional office of the Ministry of Environment, Forest and Climate Change 	Noted & Agreed.	
<ul style="list-style-type: none"> All terminal buildings should have energy Efficient design. It should follow GRIHA guidelines and aim for highest ratings under GRIHA. 	Contractual Guidelines will be Followed to comply the same. Building construction is going on as per SVA GRIHA guidelines.	

Annexure- 2

Details of Waste Sales

Details of Used / Waste
Oil

Details of Vendor/ Recycler/
Preprocessor

Sl. No.	Site	Qty (In ltrs)	Date of Disposal	Name	Location of Recycling Facility	CPCB Registration No. and period of Validity	SP CB Authorization No.	Validity period of CPCB / SPCB Authorized Recycler's	Sale Order no. & Date	Manifest Form -
										10 Available at site (Yes/No)
	42016 DM,IWAI /Haldia	3000	27.01.20	Shruti Petrochem Industries	Vill: Lohar Heri Dist: Jhajjar, Haryana	100/2013-14/RCRR/HW/HSPCBN/ORANGE		30.06.2019 To 29.06.2024	Sales Order No : 1308 Date : 26.11.2019	Yes

We currently have 800 liters of Waste oil in our store after 27.01.20. We are disposing of it and preparing to submit the details as soon as possible.

Annexure- 5

Ambient Air Quality Monitoring Report - Jan 2021

(Near Main Office)



POLLUTION AND PROJECT CONSULTANTS

ENVIRONMENTAL POLLUTION CONTROL AND EFFLUENT TREATMENT
& CHEMICALS CONSULTANTS, E-A & O ROAD, STRANGETOWN, KOLKATA - 700 029

FORMAT NO.: PPC/FM/68 ISSUE NO.: 03 ISSUE Dt.: 01/01/2017 (Rev No.:02 Rev. Dt.: 28/05/2018)

Page : 1 of 1

TEST REPORT AMBIENT AIR

Customer Name : M/s. ITD Cementation India Ltd.,		Report No. : G/21(01)/40		
Address : Adjacent to M/s. UPL Ltd. (D/50/09), Durgachawk, Haldia, Purba Medinipur, Pin- 751140		Report Date : 08-02-2021		
		Sampling Date : 27-01-2021		
		Sampling Time : 10:00 A.M to 06:00 P.M.		
		Sample Received Date : 29-01-2021		
Type of Sample : Ambient Air		Sample Code No. : GA/21(01)/40		
Sampling Location : Near Main Office		Test Start Date : 29-01-2021		
		Test End Date : 08-02-2021		
Environmental Condition :				
Average Temperature (°C) : 22		Average Relative Humidity (%) : 64		
		Barometric Pressure (mm Hg) : 759		
Sl. No.	Parameters	Unit	Result	Standard Ref. Methods
1	Particulate Matter ₁₀ (PM ₁₀)	(µg/m ³)	79.0	IS:5182 (Part - 23) : 2006 (RA 2017)
2	Particulate Matter _{2.5} (PM _{2.5})	(µg/m ³)	28.0	In house Method SOP No. SOP/02/02 Issue No.02 Date 02/04/15 (Prepared based on CPCB Guidelines)
3	Sulphur Di-Oxide (SO ₂)	(µg/m ³)	18.0	IS:5182 (Part -2) : 2001 (RA 2017)
4	Nitrogen Di-Oxide (NO ₂)	(µg/m ³)	21.0	IS:5182 (Part - 6) : 2006 (RA 2017)
5	Carbon monoxide (CO)	(mg/m ³)	0.91	APHA (Air Analysis) 3 rd Edition : Method 128

The results relate only to the parameters tested

Unit: (µg/m³) Ambient Air Quality Standard (National)

PM₁₀ = 100 µg/m³, PM_{2.5} = 60 µg/m³, SO₂ = 80 µg/m³, NO₂ = 80 µg/m³, CO = 10 mg/m³ (24 hours) (Urban & Rural) / 4 mg/m³ (8 hours) (Urban & Rural) / 2 mg/m³ (8 hours) (Industrial, Residential, Background Area)

PM₁₀ = 100 µg/m³, PM_{2.5} = 60 µg/m³, SO₂ = 80 µg/m³, NO₂ = 80 µg/m³, CO = 10 mg/m³ (24 hours) (Urban & Rural) / 4 mg/m³ (8 hours) (Urban & Rural) / 2 mg/m³ (8 hours) (Industrial, Residential, Background Area)

Ref : National Ambient Air Quality Standards vide Central Pollution Control Board New Delhi Notification dated 18th November, 2009



Thakurbari

**Authorised Signatory
For Pollution And Project Consultants**

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LABORATORY FOR ANALYSIS OF AIR, WATER, EFFLUENT, SOIL, SLUDGE, SOLIDWASTE, COAL, ORE, ETC.

Office & Laboratory : P-145, Bangor Avenue, Block - A, Kolkata - 700 055

Phone : (033) 2574-3418 • E-mail : ppconsultants@vsnl.com • Web : www.dwsppcaintgroup.com

Annexure- 4

Ambient Air Quality Monitoring Report - Jan 2021

(Approach- 4)



POLLUTION AND PROJECT CONSULTANTS

ENVIRONMENTAL POLLUTION CONTROL AND AIR QUALITY MONITORING
& Chemical, Physical, Biological, EIA & Environmental Management Studies

FORMAT NO.: PPC/FM/68 ISSUE NO.: 03 ISSUE DL.: 01/01/2017 (Rev No.:02 Rev. Dt.: 28/05/2018)

Page.: 1 of 1

TEST REPORT AMBIENT AIR

Customer Name : M/s. ITD Cementation India Ltd Address : Adjacent to M/s. UPCL (Petrochemicals) Durgachawk, Haldia Purba Medinipur, Pin-751012	Report No. : G/21(01)/42 Report Date : 08-02-2021 Sampling Date : 28-01-2021 Sampling Time : 09:20 A.M to 05:20 P.M. Sample Received Date : 29-01-2021 Sample Code No. : GA/21(01)/42 Test Start Date : 29-01-2021 Test End Date : 08-02-2021
Type of Sample : Ambient Air Sampling Location : Approach 4	

: Environmental Condition :

Average Temperature (°C) : 23 Average Relative Humidity (%) : 66 Barometric Pressure (mm Hg) : 759

Sl. No.	Parameters	Unit	Result	Standard Ref. Methods
1	Particulate Matter ₁₀ (PM ₁₀)	(µg/m ³)	81.0	IS:5182 (Part -23) : 2006 (RA 2017)
2	Particulate Matter _{2.5} (PM _{2.5})	(µg/m ³)	25.0	In house Method SOP No. SOP/02/02 Issue No.02 Date 02/04/15 (Prepared based on CPCB Guidelines)
3	Sulphur Di-Oxide (SO ₂)	(µg/m ³)	20.1	IS:5182 (Part -2) : 2001 (RA 2017)
4	Nitrogen Di-Oxide (NO ₂)	(µg/m ³)	34.0	IS:5182 (Part - 6) : 2006 (RA 2017)
5	Carbon monoxide (CO)	(mg/m ³)	0.73	APHA (Air Analysis) 3 rd Edition : Method 128

The results relate only to the parameters tested.

...end of report...

Limit (µg/m³) : Ambient Air Quality Standard (National)

PM₁₀ = 100 µg/m³, PM_{2.5} = 60 µg/m³, SO₂ = 80 µg/m³, NO₂ = 80 µg/m³, 24 hours (max. Carbon monoxide) = 1 mg/m³, 8 hours basis (Industrial, Residential, Rural and Office Area)

PM₁₀ = 100 µg/m³, PM_{2.5} = 60 µg/m³, SO₂ = 80 µg/m³, NO₂ = 80 µg/m³, 24 hours (max. Carbon monoxide) = 1 mg/m³, 8 hours basis (Ecologically Sensitive Area)

Ref : National Ambient Air Quality Standards vide Central Pollution Control Board, Govt. of India Notification dated 18th November, 2009

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Annexure - 6

Surface Water Quality Report- Jan 2021

(Approach- 1)



POLLUTION AND PROJECT CONSULTANTS

ENVIRONMENTAL POLLUTION CONTROL, Air Effluent Monitoring and
& Chemical Project Engineers, CEA & District Management Group

Certificate Number: 10/2007

FORMAT NO.: PPC/EM/71 ISSUE NO.: 03 ISSUE DATE: 01/01/2012 Rev. No.: 02 Rev. Dt.: 28/05/2018

Page: 1 of 1

TEST REPORT

Water Sample

Customer Name : M/s. ITD Cementation India Ltd		Report No. : SW/21(01)/21	
Address : Adjacent to M/s. UPL Ltd (Unit 09), Durgachawk, Haldia, Purba Medinipur, PIN- 721602		Report Date : 08-02-2021	
Type of Sample : Surface Water		Date of Sampling : 28-01-2021	
Sampling Location : Approach 1 (Down-stream)		Sample Received Date : 29-01-2021	
		Sample Id No. : SW/21(01)/21A	
		Test Start Date : 29-01-2021	
		Test End Date : 08-02-2021	

Sl. No.	Chemical Test Parameter	Unit	Results	Methods of Test (Reference)
1	pH		7.43	APHA (23 rd Edition) 4500 H-B-2017
2	Turbidity	NTU	186.0	APHA (23 rd Edition) 2130 B-2017
3	Total Dissolved Solid (TDS)	mg/l	833.0	APHA (23 rd Edition) 2540 C-2017
4	Conductivity	µS/cm	1256.0	APHA (23 rd Edition) 2510 B-2017
5	Total Alkalinity (as CaCO ₃)		135.0	APHA (23 rd Edition) 2320 B-2017
6	Total Hardness (as CaCO ₃)	mg/l	235.0	IS: 3025 (Part 21):2009 (RA 2014)
7	Calcium (as Ca)	mg/l	55.3	IS: 3025 (Part 40):1991 (RA 2014)
8	Fluorides (as F)	mg/l	0.50	APHA (23 rd Edition) 4500 -F D-2017
9	Nitrate-N (NO ₃ -N)	mg/l	5.40	APHA (23 rd Edition) 4500-NO ₃ -F-2017
10	Iron (as Fe)	mg/l	15.7	APHA (23 rd Edition) 3111 B-2017
11	Mercury (as Hg)	mg/l	<0.001	APHA (23 rd Edition) 3112 B-2017
12	Zinc (as Zn)	mg/l	0.28	APHA (23 rd Edition) 3111 B-2017
13	Chloride (as Cl)	mg/l	192.0	APHA (23 rd Edition) 4500Cl B-2017
14	Sulphate (SO ₄ ²⁻)	mg/l	87.0	IS 3025 (Part 24):1986 (RA 2014)
15	Sodium (as Na)	mg/l	96.0	APHA (23 rd Edition) 3500 Na B-2017
16	Potassium (as K)	mg/l	33.0	APHA (23 rd Edition) 3500 K-2017
17	Nitrite - N (NO ₂ -N)	mg/l	0.23	APHA (23 rd Edition) 4500-NO ₂ -F-2017
18	Copper (as Cu)	mg/l	<0.05	APHA (23 rd Edition) 3111 B-2017

The results relate only to the parameters tested

...end of report.



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Annexure - 7

Surface Water Quality Report - Jan 2021

(Approach - 4)



POLLUTION AND PROJECT CONSULTANTS

ENVIRONMENTAL POLLUTION CONTROL BOARD, Air & Water Pollution Control
& Chemical Waste Equipment, EIA & Disaster Management Study

FORMAT NO.: PPC/EM/71 ISSUE NO.: 03 ISSUE DATE: 01/01/2017 (Rev. No.: 02 Rev. DL: 28/05/2018)

Page: 1 of 3

TEST REPORT Water Sample

Customer Name : M/s. HD Cementation India Ltd.		Report No. : SW/21(01)/22	
Address : Adjacent to M/s. UPL Ltd, (Unit-03), Durgachawk, Haldia, Purba Medinipur, PIN- 721600		Report Date : 08-02-2021	
Type of Sample : Surface Water		Date of Sampling : 26-01-2021	
Sampling Location : Approach 4 (Up stream)		Sample Received Date : 29-01-2021	
		Sample Id No. : SW/21(01)/22B	
		Test Start Date : 29-01-2021	
		Test End Date : 08-02-2021	

Sl. No.	Chemical Test Parameter	Unit	Results	Methods of Test (Reference)
1	pH		7.63	APHA (23 rd Edition) 4500H-B, 2017
2	Turbidity	NTU	369.0	APHA (23 rd Edition) 2130 B, 2017
3	Total Dissolved Solid (TDS)	mg/l	885.0	APHA (23 rd Edition) 2540 C, 2017
4	Conductivity	µS/cm	1333.0	APHA (23 rd Edition) 2510 B, 2017
5	Total Alkalinity (as CaCO ₃)	mg/l	168.0	APHA (23 rd Edition) 2320 B, 2017
6	Total Hardness (as CaCO ₃)	mg/l	325.0	IS: 3025 (Part 2):2009 (RA 2014)
7	Calcium (as Ca)	mg/l	113.0	IS: 3025 (Part 4):1991 (RA 2014)
8	Fluorides (as F)	mg/l	0.62	APHA (23 rd Edition) 4500-F, 2017
9	Nitrate-N (NO ₃ -N)	mg/l	5.56	APHA (23 rd Edition) 4500-NO ₃ -N, 2017
10	Iron (as Fe)	mg/l	16.2	APHA (23 rd Edition) 3111 B, 2017
11	Mercury (as Hg)	mg/l	<0.001	APHA (23 rd Edition) 3112 B, 2017
12	Zinc (as Zn)	mg/l	0.33	APHA (23 rd Edition) 3111 B, 2017
13	Chloride (as Cl)	mg/l	218.0	APHA (23 rd Edition) 4500-CL, 2017
14	Sulphate (SO ₄ ²⁻)	mg/l	138.0	IS 3025 (Part 24):1986 (RA 2014)
15	Sodium (as Na)	mg/l	135.0	APHA (23 rd Edition) 3500 Na B, 2017
16	Potassium (as K)	mg/l	44.0	APHA (23 rd Edition) 3500 K, 2017
17	Nitrite - N (NO ₂ -N)	mg/l	0.30	APHA (23 rd Edition) 4500-NO ₂ -N, 2017
18	Copper (as Cu)	mg/l	<0.05	APHA (23 rd Edition) 3111 B, 2017

The results relate only to the parameters tested

...end of report

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LABORATORY FOR ANALYSIS OF AIR, WATER, EFFLUENT, SOIL, SLUDGE, SOLIDWASTE, COAL, ORE, ETC.

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Phone : (033) 2574-3418, • E-mail : ppconsultants@awspqc.in • Web : www.awspqcenvironment.com

Annexure – 8

Agreement copy with PCI Pest Control Pvt. Ltd

ITD CEMENTATION INDIA LTD

WORK ORDER

PCI PEST CONTROL PVT LTD HALDIA BRANCH, 128, UTTARPALLY, DURGACHAK HALDIA - 721602 West Bengal, GST No : 19AABCJ9086F1Z7	Must be quoted on all Invoices, Advice Notes and Correspondence PO No. : SSI/4500004983 PO Date : 21.03.2020 Your Reference:	
Bill To ITD Cementation India Limited 803, 8th Floor, Plot no.5 Godrej Water Side Tower Sector V, Salt Lake City Kolkata - 700091 West Bengal. GST No : 19AAACT1426A1ZW	Ship To ITD Cementation India Ltd IWT Terminal, IWAI, Haldia-West Bengal, Adjacent To M/s UPL Limited, Near Durga Chawk, Post Haldia, District East Midnapore, Haldia, Haldia-721602, West Bengal, India GST No : 19AAACT1426A1ZW	Invoice To be Submitted To ITD Cementation India Ltd IWT Terminal, IWAI, Haldia-West Bengal, Adjacent To M/s UPL Limited, Near Durga Chawk, Post Haldia, District East Midnapore, Haldia, Haldia-721602, West Bengal, India

Indent Reference: 2000021962 dated 20.03.2020
 Project : 0420 IWT Terminal, IWAI, Haldia

Please supply following against this order, in accordance with the terms and conditions below and those printed overleaf.
 The terms and conditions of the purchase order shall supersede letter of indent/works contract issued if any.

Sr. No.	Item Description	HSN Code	Qty	UoM	Unit Rate (INR)	Amount (INR)
1	PCI PEST CONTROL - Labour Camp (CGST 9.00 % SGST 9.00 % Extra)			AU		
1.1	40000004 - PEST CONTROL SERVICE	9985		MON		
					Net Value	
					CGST	
					SGST	
					Total Value	
Total PO Value in Words : Rupees only						

Inco Terms :

Terms of Payment

Will be made by Cheque within 30 days after submission of your bill along with log sheet at our site office (Invoice to be submitted to) address mentioned above.

Other Terms

Integrated Pest Management Service

1. Charges Rs 7300.00 (Seven Thousand Three Hundred only) and GST 18% will be charged extra Per month Including Below mentioned services.

Taxes and duties will be applicable at actuals at the time of supply

Registered office

ITD Cementation India Ltd, National Plastic Building, A Subhash Road,
 Paranjape B Scheme, Vile Parle - East, Mumbai - 400057
 Maharashtra, India
 Phone : 02266931600 Fax : 02266931627/28

C.I.N. Number : L6100MH1978PLC020435

Prepared By : DM0420AD01

For and on behalf of ITD CEMENTATION INDIA LTD	

Annexure- 9

Declaration for Environment Monitoring

1. Ambient Air quality Monitoring: -

Declaration - Since February 2021 onwards no concrete work or construction, Engine driven machinery was not in running condition, as work of the project was under completion, hence air quality monitoring was inactive from February 2021.

2. Surface Water Monitoring: -

Declaration - No activity was in continuation on berth & jetty area since February 2021, an all major civil work was completed in January 2021. Hence surface water quality monitoring was kept inactive for the period.

3. Noise Monitoring: -

Declaration - Since February 2021 onwards no concrete work or construction, Engine driven machinery ,DG set was not in running condition, as work of the project was under completion, hence air quality monitoring was inactive from February 2021.

4. Aquatic ecology (Photo & Zooplankton): -

Declaration - Our last activity on concrete work was completed dated 07.01.2021 on berth & jetty, Hence monitoring of marine Eco system was kept inactive.

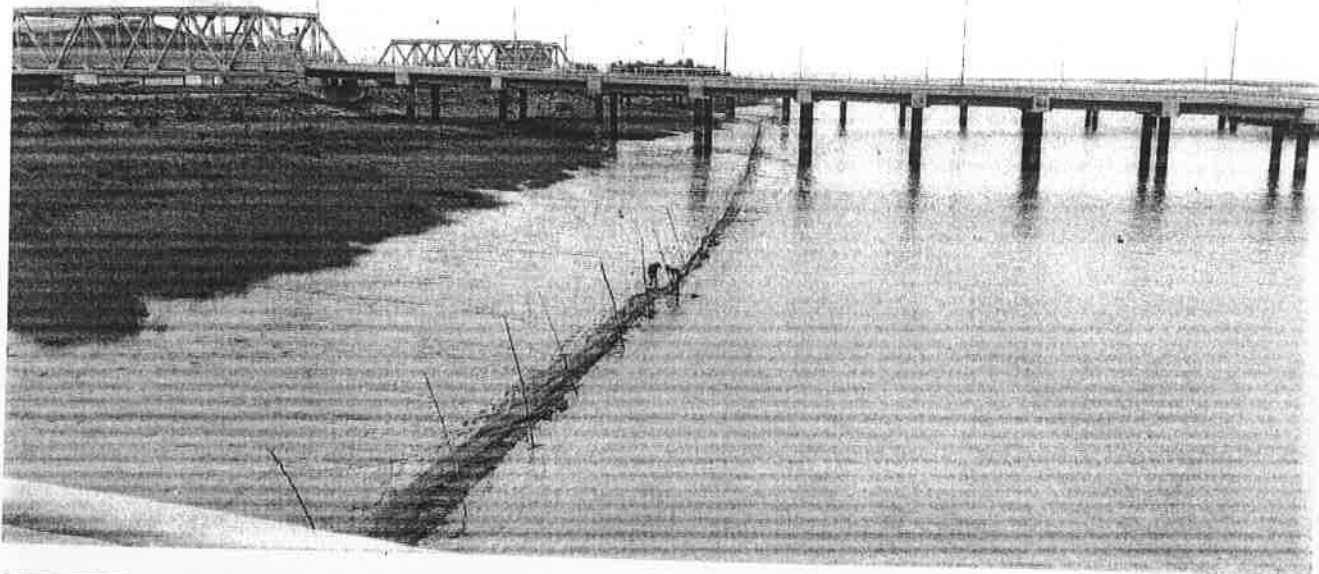
5. Integrity of embankment: -

Declaration - Repairing of embankment at Approach Trestle 01, 02, 03 & 04 was done but on 24th May 2021. It has been partially damage. The Re-development of the same is in progress.

Soil (Soil texture, type, Electrical conductivity, pH, infiltration, porosity, etc.): -

Declaration - No chemical substances which can disturb soil texture, electrical conductivity, pH, infiltration, porosity of soil mixed-up with soil generate harmful effect to Ecology for this site.

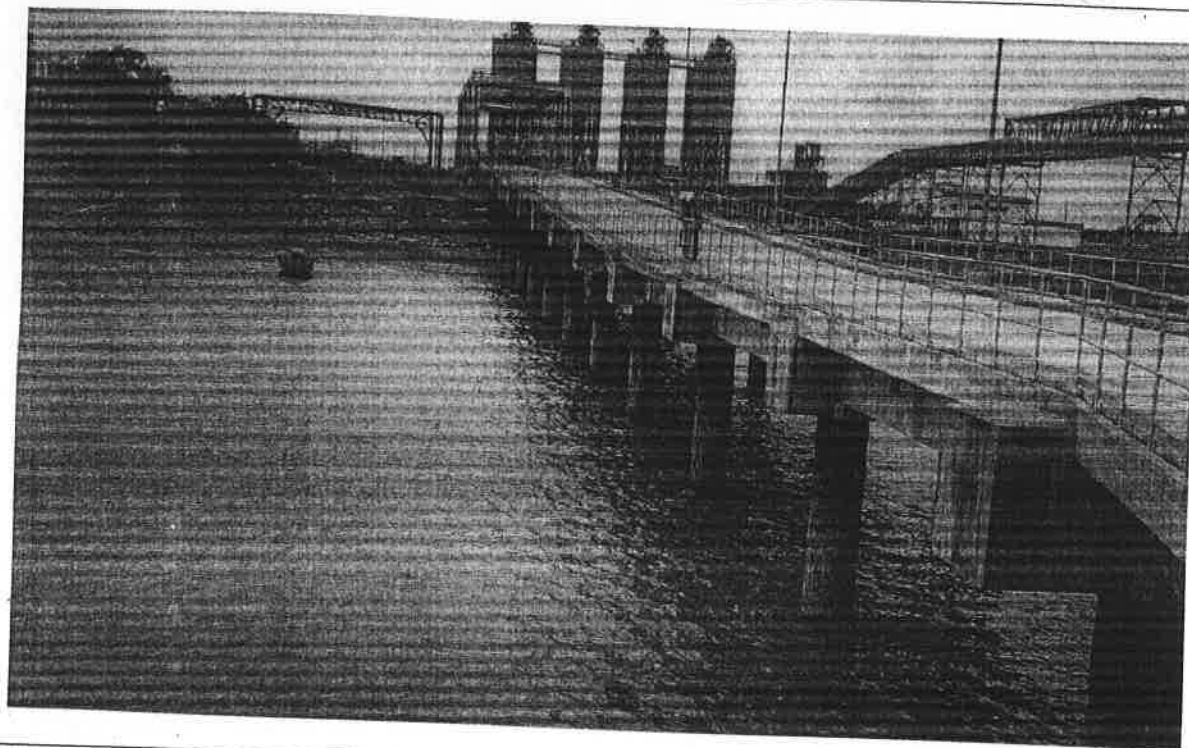
A. Fishing activity is going on near the project site.



B. Mud flat area near vicinity of the project area.



C. Collection of Surface Water of Approach – 01, Jan 2021



D. Ambient Air Quality Monitoring , Jan 2021

