



The Government of the People's Republic of Bangladesh,
Ministry of Shipping

Bangladesh Inland Water Transport Authority (BIWTA)

The World Bank



MONTHLY PROGRESS REPORT FEBRUARY 2025

**Consultancy Services for Supervision and Monitoring of Performance-Based Dredging
Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids
along the Navigational Routes under the Contract**

**Bangladesh Regional Waterway Transport Project-1
BRWTP-S1A**



Jurutera Perunding Zaaba
SDN.BHD, Malaysia (JPZ)



Demas Dredging Consultants BV,
the Netherlands (DEMAS)



JPZ Consulting Ltd,
Bangladesh (JCL)

EXECUTIVE SUMMARY

Background

The Government of Bangladesh is prioritizing the development and maintenance of the Dhaka-Chittagong corridor's Class I Route and its connected Class II and III Routes. To support this initiative, the Bangladesh Regional Waterway Transport Project-1 (BRWTP-1) has been launched with financial assistance from the World Bank. The project consists of three major components, with Component 1 focusing on dredging and maintaining river corridors and ferry routes through output and performance-based contracts (OPBC).

The consulting firm JPZ-DEMAs-JCL (S1A) began supervising and monitoring the project in December 2022. The Bangladesh Inland Water Transport Authority (BIWTA) under the Ministry of Shipping (MoS) is responsible for implementation, with funding from the World Bank.

Dredging activities are divided into two Lots:

- Lot-2: Contractor GULF-COBLA KARNAFULY JV, covering Routes 3, 4, 5, 6, 7, 8, 9, 10, and 11.
- Lot-3: Contractor DHARTI-BANGA JV, covering Routes 12, 13, 13a, 15, 16, 17, and 21.

Progress Summary – Phase-II Capital Dredging (February 2025)

The World Bank mission concluded this month, evaluating the final results of Phase I and facilitating a smooth transition to Phase II. Their visit provided valuable insights to help address the progress and challenges of dredging activities in Lots 2 and 3 under Phase II. Additionally, this month's report highlights the key achievements of Phase I while also addressing the associated risks.

Dredging Activities

- **Lot-2:** Phase-II dredging commenced on January 25, 2025, achieving a cumulative 20,690 cubic meters by February 28, 2025. The overall progress is 3.41% of the Estimated Dredge Volume of 6,06,413 cubic meter based on the joint pre-hydrographic survey (in-survey). The remaining duration to complete the Cap-II dredging is 3.5 months. Active dredging took place in Route-05, Route-09, and Route-11. Key challenges include reduced dredging hours, insufficient dredger deployment, and delays in dike preparation, potentially impacting progress. Immediate action is required to meet project deadlines.
- **Lot-3:** By February 2025, 411,046 cubic meters had been dredged under Phase II, out of a verified total of 778,135 cubic meters, bringing overall progress to 52.82%. Work progressed in Routes 13, 16, and 21, particularly in the Laharhat–Bheduriya and Alubazar–Horina sections. In February alone, 54,113 cubic meters were dredged. The progress of Lot 3 has been found to be satisfactory so far. Continued monitoring and timely execution are essential for achieving project goals.

Environmental Assessment

Environmental Monitoring

Monitoring was conducted in Routes 09 and 11 (Lot-2) and Routes 12 and 13 (Lot-3), covering air quality, noise levels, underwater noise, riverbed sediment, surface water, and dredged material analysis. All parameters remained within acceptable limits, with no signs of environmental degradation.

Biodiversity Observations

- **Lot-2:** 20 fish species and 2 crustacean species were recorded, with no visible fish mortality. Ganges River Dolphins were not sighted in Route 09 and were rarely present in Route 11 during monsoon.
- **Lot-3:** 27 fish species and 4 crustacean species were observed. No Ganges River Dolphins were found near dredging sites, likely due to frequent boat traffic and shallow waters. Indian roofed turtles were occasionally seen in household ponds.

Dike Construction

- **Lot-2:** Two dikes were constructed on Routes 09 and 11. The contractor is instructed to adhere with the specification and standard during dike construction for better efficiency.
- **Lot-3:** Seven dikes were completed by February 2025. The contractor is instructed to follow the specifications and standards during dike construction to enhance efficiency. Dike-22 (Route 13, Eidgah Bazar Ferry Terminal) was inspected, showing no signs of wildlife harm, fish mortality, or benthic disturbance.

Vegetation and Wildlife

Vegetation observed around the dikes including water hyacinth, taro, wild sugarcane, pink morning glory, and bushy mat grass. Birds such as Grey-headed Lapwing, Little Cormorant, and Black-headed Ibis were spotted on nearby mudflats under Lot-3.

The contractors were instructed to make efforts to adhere to environmental best practices, ensuring that reed lands remain undisturbed and that alternative, eco-friendly materials are used for dike stabilization to preserve ecological characteristics, especially in the reed lands of Alubazar-Horina section under Lot-3.

Social and Resettlement Status

The World Bank mission visited project sites during the reporting period to assess community engagement and ESHS compliance. Meetings with government agencies, the PIU, and local stakeholders were conducted to address concerns. Navigational aids such as buoys, beacons, and signboards were found fully operational, ensuring safe river traffic.

Grievances and Issue Resolution:

During this reporting period, grievances were recorded regarding:

1. Difficulty in finding a disposal area near Route 06 due to local resistance.
2. Grievances in Lot 3 over unpaid compensation.
3. Landowner complained dike was only two-thirds filled due to the absence of a lower-diameter CSD.

The S1A consultants are actively addressing these issues through frequent field-level communication and coordination with local authorities.

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ABBREVIATION

AILA	Association of International Lighthouse Authorities
ASCII	American Standard Code for Information Interchange
BIWTA	Bangladesh Inland Water Transportation Authority
BM	Bench Mark
BRWTP	Bangladesh Regional Waterway Transport Project I
BWDB	Bangladesh Water Development Board
CD	Chart Datum
CEAP	Contractor's Environmental Action Plan
CSD	Cutter Suction Dredger
DC	District Commissioner
EIA	Environmental Impact Assessment
EMP	Environment Management Plan
ESHS	Environment, Social, Health and Safety
ESMP	Environment and Social Management Plan
GBV	Gender-Based Violence
GIS	Geographic Information System
GPS	Global Positioning System
GRC	Grievance Redress Committee
GRM	Grievance Redressal Mechanism
HSE	Health and Safety Expert
IALA	International Association of Marine Aids and Lighthouse Authorities
IBC	Idle Berthing Centre
ID	Identity
IHO	International Hydrographic Organization
IWT	Inland Water Transport
JPZ	Jurutera Perunding Zaaba
JV	Joint Venture
LAD	Least Available Depth
LLW	Lowest Low Water
MOEF	Ministry of Environment, Forest and Climate Change.
MSL	Mean Sea Level
NID	National Identity
OPBC	Output and Performance-Based Contract
PC Poles	Pre-Stressed Concrete Poles
PIU	Project Implementation Unit
RAP	Resettlement Action Plan
RCC	Reinforced Cement Concrete
RTK-GPS	Real-Time Kinematic- Global Positioning System
SOB	Survey of Bangladesh
TBM	Temporary Bench Mark
UTM	Universal Transverse Mercator
VSS	Vessel Storm Shelter
WB	World Bank
WGS	World Geodetic System

CHAPTER 01: PROJECT DESCRIPTION IN A BRIEF

1.1 BASIC INFORMATION

Project Title	:	Consultancy Services for Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract
Source of Funding	:	The World Bank
Contract No.	:	BRWTP-S1A
Employer	:	Bangladesh Inland Water Transport Authority (BIWTA)
Consultant	:	JPZ-DEMAS-JCL JV
Date of signing the contract	:	21 st December 2022; Duration of Contract 66 months
Date of Commencement	:	6 th December 2022; Duration 66 months
Total Routes	:	12 (Twelve)
Phases		Phase I: 18 Months, Phase II: 12 Months, Phase III: 36 Months
Route Nos. under dredging activities	:	Lot-2: 3 & 4, 5, 6, 7 & 8, 9, 10, 11 Lot-3: 12, 13 & 13a, 15 & 16, 17, 21

1.2 LOT-2

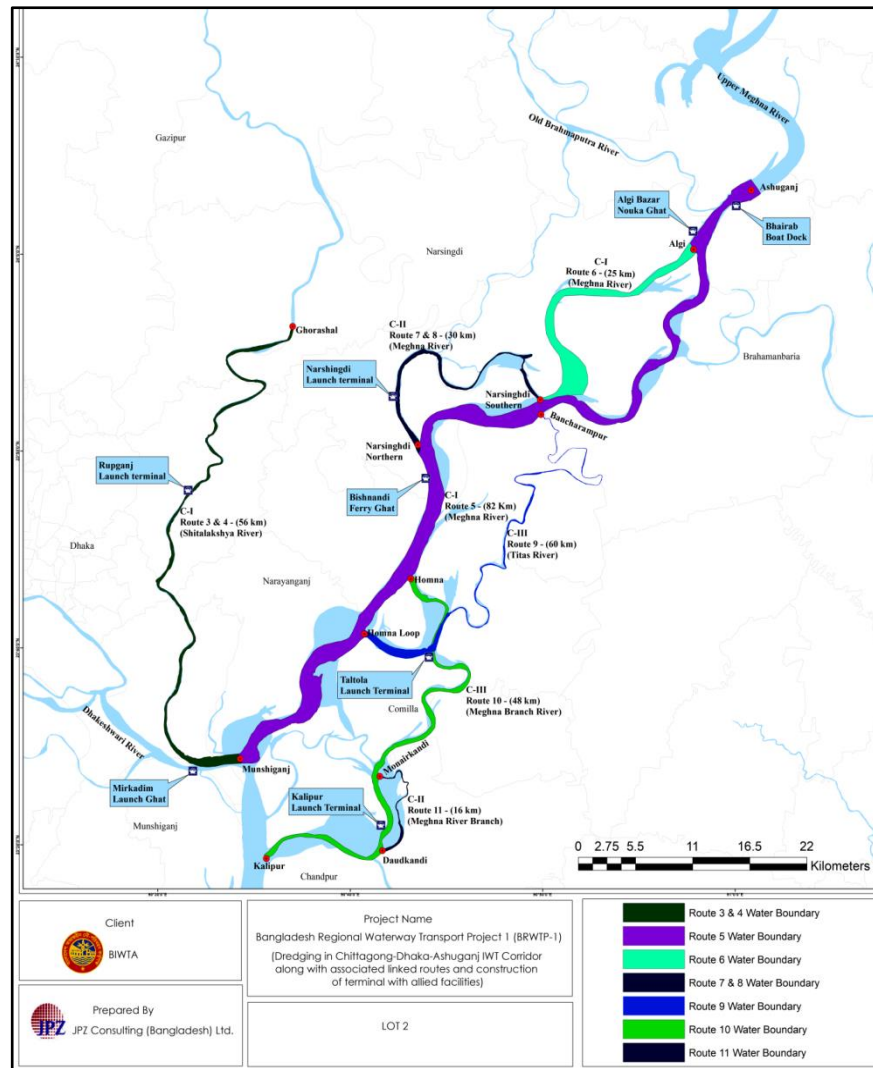


Figure 1: River Boundary Lot-2

Table 1: River Routes Lot-2

Class	Route No	River/location	Length (Km)	Average width (m)	Shoal Length (km)
I	3 & 4	Shitalakshya (From Ghorashal to Munshiganj)	56	400	-
I	5	Meghna (From Ashuganj to Munshiganj)	82	1200	-
I	6	Meghna (Nabinagar Loop joining Route-5)	25	850	1.5
II	7 & 8	Meghna (Narsingdi Northern & Southern approaches)	30	450	5.8
III	9	Meghna (Bancharampur - Homna Loop)	60	180	19.5
III	10	Meghna (Homna-Doudkandi approach)	48	400	-
II	11	Gumti (Meghna loop approaching Dautkandi)	16	300	1.60
Total			317		28.40

1.3 LOT-3

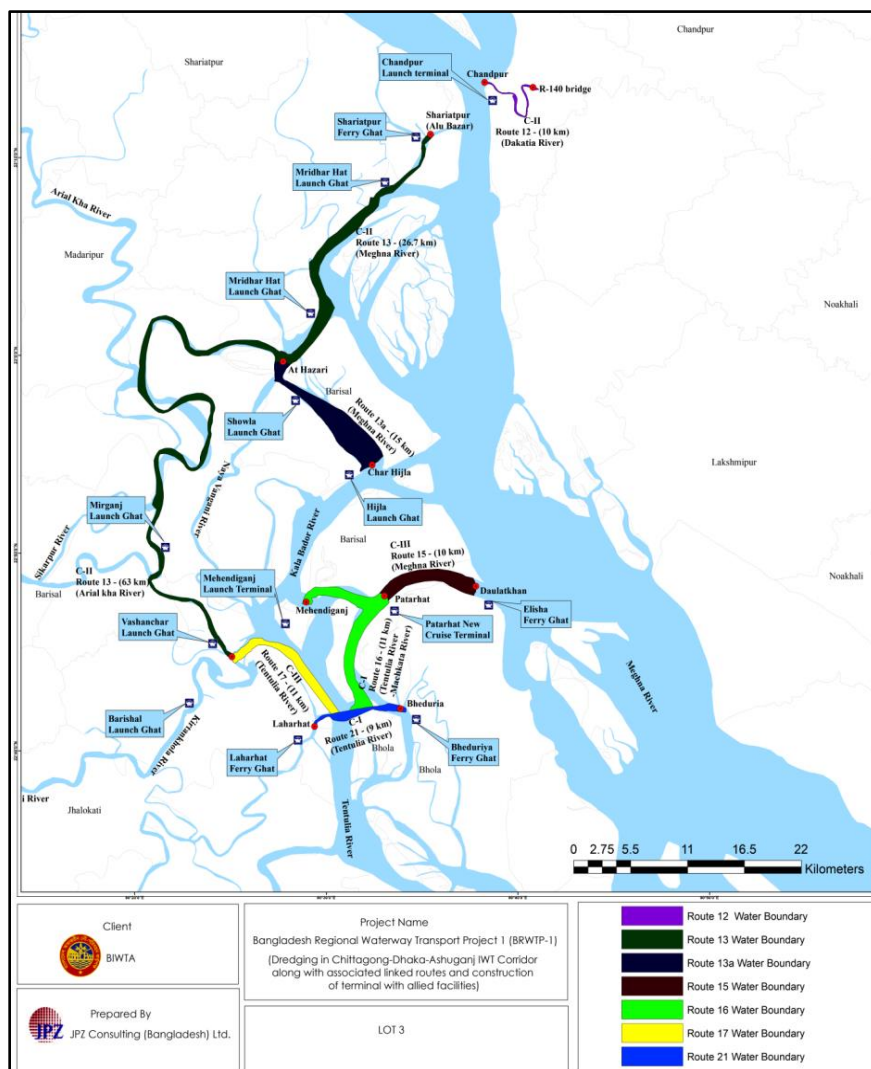


Figure 2: River Boundary, Lot-3

Table 2: River Routes Lot-3

Class	Route No	River/location	Length (Km)	Average width (m)	Shoal Length (km)
II	12	Dakatia (Chandpur to Gastola Bridge)	10	400	-
II	13	Meghna and Arial Khan (Shariatpur-Bheduria)	89.7	1200	-
II	13a	Meghna (Looping root Inside Char Hisla)	15	850	-
III	15	Meghna/ Tentulia (Patarhat-Daulatkhan)	10	450	-
I	16	Meghna/Tentulia (Mehendiganj-Bheduria)	19.6	180	2.1
III	17	Tentulia (Bheduria -Bhashanchar)	11	400	-
I	21	Tentulia (Bheduria -Laharhat)	9	300	2.3
Total			164.3		4.4

CHAPTER 02: SALIENT FEATURES & MONTHLY PROGRESS

2.1 PROGRESS OF BRWTP-S1A:

2.1.1 Development and Maintenance Dredging Works and Monitoring Survey Records:

2.1.1.1 Dredging Status of Lot-2 (Up to February 2025)

Capital dredging for Phase II commenced at multiple routes under Lot-2 on January 25, 2025. The dredging activities progressed as follows:

- Route-05, Meghna (Ashuganj to Munshiganj): Initiated on January 25, 2025, using a Long Boom Excavator and Barge for excavation, particularly in the Ashuganj Cargo Terminal area with excavation activities conducted between chainage 0+100 to 0+120 over a length of 20 meters.
- Route-09, Meghna (Bancharampur-Homna Loop): Started on February 10, 2025, utilizing the dredger Karnafuly-05 for dredging, with dredged material disposed of at Dike R09-D75.
- Route-11, Gomti (Meghna Loop Approaching Daudkandi): Began on February 19, 2025, with the dredger Karnafuly-07 and Karnafuly-03 executing dredging operations, and disposal carried out at Dike R11-D03.

As of February 28, 2025, the cumulative dredging volume reached approximately 14,512 cubic meters, ensuring improved water depth and safe passage for vessels. (Details in Annex IV)

Progress Update on Route-6 Dredging

The Cap-I dredging on Route 6 (Lot-2) was previously interrupted due to concerns raised by the Bangladesh Water Development Board (BWDB). Following a series of meetings, site visits, and discussions among BWDB, PIU, S1A Consultant, and Lot-2 Contractor representatives, the issue has now been resolved through mutually agreed decisions.

Based on these resolutions, BWDB, PIU BRWTP-1, BIWTA, and the Project Director (BRWTP-1) have advised the S1A Consultant to proceed with Cap-II dredging on Route 6 following the agreed guidelines.

To ensure proper execution, the Lot-2 Contractor is requested to:

- Revise the alignment as per the agreed decision.
- Submit the updated pre-survey data and charts to facilitate the selection of dike locations and the timely initiation of Cap-II dredging.

Timely submission of the revised alignment and survey data will be critical to maintaining the project schedule and ensuring the smooth execution of the dredging activities.

Survey Work at Lot-2 Contractor Site (Up to February 28, 2025)

Hydrographic survey activities are being carried out as part of the monitoring process to ensure the effectiveness and accuracy of the dredging operations. The survey work is conducted by S1A Consultant in collaboration with Ahydtech to assess water depth, sediment levels, and overall navigability.

For Route-11 (Gumti, Meghna Loop Approaching Daudkandi), the survey commenced on February 27, 2025, and is ongoing. The completed chainage covers 5+700 to 9+900, providing critical data for evaluating dredging progress and planning further excavation if required.

These hydrographic surveys play a crucial role in maintaining safe and efficient waterways by continuously monitoring changes in river morphology, sediment deposition, and channel conditions.

Overall Observation

Based on the observations from the meeting held on February 17, 2025, between the World Bank, PIU, S1A Consultant, and Lot-2 Contractor, the following key issues were identified regarding the dredging operations on Routes 9 and 11:

- **Reduced Dredging Hours:** The actual dredging operation hours on Routes 9 and 11 are significantly lower than the agreed 12-hour daily schedule.
- **Insufficient Dredger Deployment:** Only three (3) dredgers have been deployed on these routes, whereas seven (7) dredgers were agreed upon during the meeting.
- **Delay in Dike Preparation:** The preparation of dikes at selected locations has yet to commence, which may hinder the progress of dredging and disposal activities.

2.1.1.2 Dredging Status of Lot-3 (Up to February 2025)

The capital dredging for Phase II was initially estimated to be **7,77,715** cubic meters, while the volume verified through the Joint Pre-Survey and Hydrographic Survey was **7,78,135** cubic meters. This verified volume has been accepted by the S1A Consultant and agreed upon by the Contractor. Cumulative Dredging Progress till February 2025, the total dredging volume completed is approximately **411,046** cubic meters.

Table 3: Month-wise Dredging Volume at Lot-03 River Routes in Phase II timeframe

Route No.	Volume in Cubic Meter						Dredging Start Date
	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Total	
R-13 (Alubazar – Horina)	-	22,400	28,500	4,700	15,700	71,300	25/11/2024
R-16 (Patarhat – Bheduriya)	-	-	-	20,822	15,997	36,819	29/01/2025
R-21 (Laharhat – Bheduriya)	74,814	69,686	110,370	25,641	22,416	302,927	10/10/2024
Total	74,814	92,086	138,870	51,163	54,113	411,046	-

The following tables summarize the Engineering Survey and Hydrographic Survey work done in February 2025 at Lot-3:

Table 4: Engineering Survey Work – February 2025

Route	Location	Chainage Completed	Survey Date
21	Tetulia (Laharhat to Bheduriya)	6+800 to 8+500	02 February 2025
13	Meghna (Alubazar-Horina)	3+600 to 4+200	11 February 2025
21	Tetulia (Patarhat to Bheduriya)	0+000 to 1+800	12 February 2025
21	Tetulia (Laharhat to Bheduriya)	6+300 to 8+500	12 February 2025

Table 5: Hydrographic Survey Work – February 2025

Route	Location	Chainage Completed	Survey Date
21	Tetulia (Laharhat to Bheduriya)	6+340 to 7+570	27 & 28 February 2025

2.1.1.3 Status Report on Navigational Aids Installation at Dredging Sites during this reporting month:

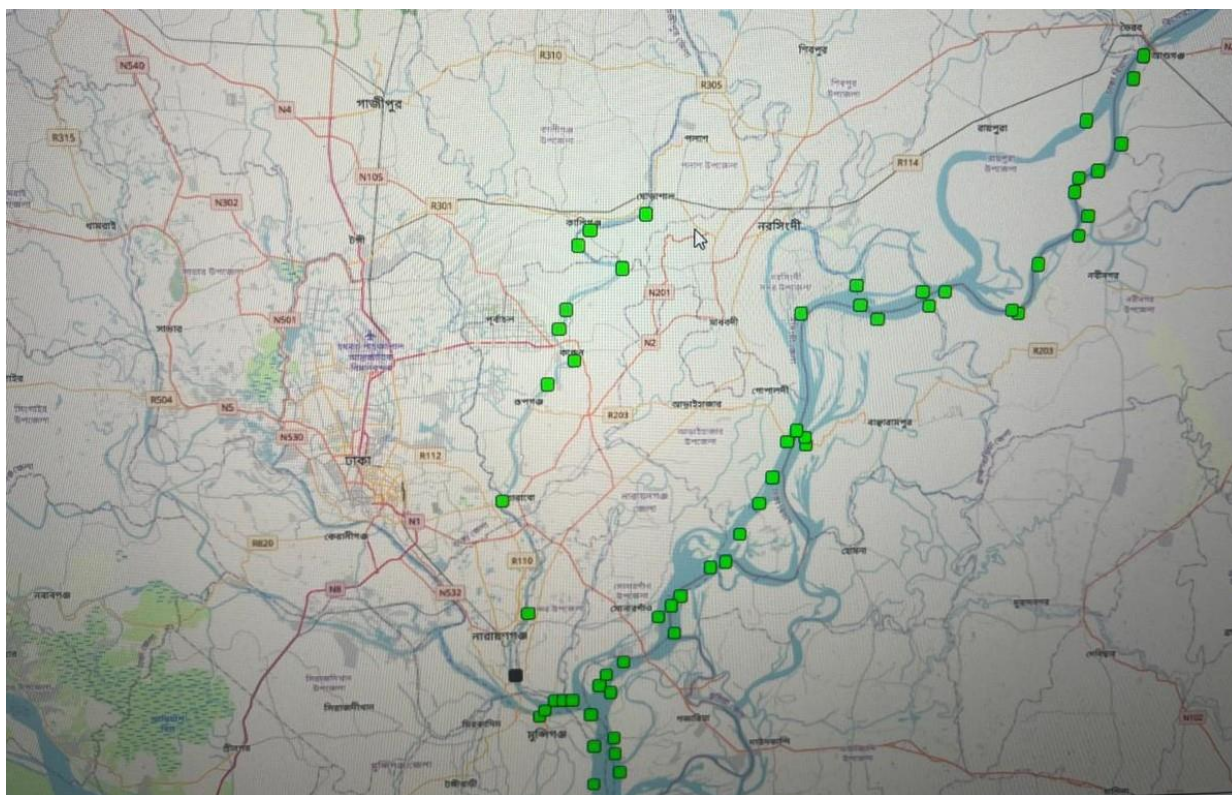


Figure 3: Map shows Navigational Aids in River Routes of Lot-2 site

In February 2025, the monitoring of installed Aids to Navigation remained ongoing across the river routes of both Lot-2 and Lot-3. The navigation aids were found to be active and fully operational, ensuring safe and efficient passage along the designated waterways.

Weekly review meetings were conducted every Sunday at the Project Coordinator (BBRWTP-S1A) conference room, where challenges were discussed, and recommendations were made to expedite the scheduled works. Additionally, multiple meetings and discussions were held with the PIU (BRWTP-1) Team at the PIU conference room to review the updated status of the installed navigation components.

A joint inspection team, comprising representatives from the PIU team, Aids to Navigation Superintendence Committee, Consultant Team (BBRWTP-S1A), and Contractor (BRWTP-W1A-02), conducted a site visit along Routes 3 & 4 and Routes 5 & 6 under Lot-2. The purpose of this visit was to evaluate the performance and operational status of the installed navigation aids.

Significantly, the Remote Monitoring System, introduced for the first time in Bangladesh, was assessed during the inspection and was found to be functioning satisfactorily and free from technical issues. This system enhances real-time monitoring, improving the overall efficiency and reliability of navigation aids within the project area.

2.2.2 Environmental Quality Assessment:

The S1A team reviewed the environmental data provided by the Contractors' monitoring team. For this month (February 2025), monthly monitoring was conducted at River Route-09 Meghna (Bancharampur - Homna Loop) and River Route-11 Gumti (Meghna loop approaching Daudkandi) under Lot 2, as well as River Route-12 Dakatia (Chandpur to Gastola Bridge) and River Route-13 Meghna and Arial Khan (Shariatpur-Bheduria) under Lot 3. The details of the sample collection locations (Annex- VI: Location Map) are presented in the table below:

Table 7: Sample Collection Locations in this month (February 2025)

Month	Environmental Variables.	Lot2	Lot-3
		River Name and Sample Collection Location	River Name and Sample Collection Location
February 2025	Ambient air quality in and around the dredging site	River Route-09 Meghna (Bancharampur - Homna Loop) and River Route-11 Gumti (Meghna loop approaching Dautkandi)	River Route-12 Dakatia (Chandpur to Gastola Bridge) and River Route-13 Meghna and Arial Khan (Shariatpur-Bheduria)
	Noise level quality assessments		
	Underwater Noise Level		
	Surface Water Quality		
	Riverbed Sediment		
	Dredged Material		
	Aquatic Fauna (Fish, Dolphin, Turtle)		

Monitoring data and observations suggest that, during the reporting period, the dredging operations had no noticeable adverse effects on the surrounding environment. Key parameters, including water quality, ambient noise levels, air quality, and overall health and safety conditions, remain unaffected.

A follow-up meeting with the Lot 2 and Lot 3 ESHS staff was held regarding updating and submission of the CEAP. Additionally, a discussion with the PIU was held regarding the non-compliance in dike construction and management by Lot 2 along Route 11 was held at the S1A conference room.

2.2.3 Social and Resettlement Aspects:

Lot-2

A total of 76 disposal sites have been identified in Lot-2 areas up to February 2025. In Phase II, a total of two (2) dikes have been completed and constructed. One dike is located along River Route 09, covering 113 decimals of privately owned land. A Good Faith Agreement is yet to be finalized. The other dike is situated along River Route 11, covering 350 decimals of Government Khas land. Detailed charts are provided in Annex III.

Lot-3

A total of 30 disposal sites have been identified in the Lot 3 areas up to February 2025. During the Phase-II reporting period, a total of Seven (07) disposal sites have been identified in Lot 3 areas, as detailed in Annex IV. Among these, one (01) dike is designated for Route 13, one (01) for Route 16, and the remaining five (05) for Route 21 covering 2411 decimals of Government Khas land and fallow land.

Land Acquisition/Requisition/Charity for Dike Location Selection:

Information about river dredging, dredged material disposal, and land-related matters is being shared with the public through consultation meetings held in local bazaars, Union Councils, villages, and schools.

According to observations from the S1A expert, dike management during the first phase was not satisfactory. Lessons learned from the management of dredged material and dikes should be addressed more carefully, especially considering environmental and social aspects. On the other hand, private land utilization through GFA was more satisfactory. But for utilization of the Government fallow land PIU should start correspondence with the competent authority of The Government of Bangladesh.

Communication and Public Consultation:

During this period, meetings and consultations were held with government authorities, the PIU, and local community members to address community concerns related to the dredging activities. The social and safeguard team of the S1A Consultant actively engaged with residents, the administration, and community leaders at the field level.

Table 8: Interaction with Clients/Contractors and Other Stakeholders (February 2025)

SN	Date	Venue	Meeting Agenda	Participants
1.	01.02.2025	Bheduriya, new Disposal Area Dyke no.23	Focus group discussion and new disposal area visit and discussion/meeting with local people.	BRWTP-S1A Consultant Field Staff
2.	02.02.2025	Dautkandi Upazila Parishad, Cumilla.	Meeting with Assistant Commissioner (Land) Regarding dike selection and preparation for the River Route-11 Gumti (Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff
3.	04.02.2025	Upazila Parishad office Nabinagar, Brahmanbaria.	Meeting with UNO Nabinagar for dike Selection and preparation for the River Route-09 Meghna (Bancharampur-Homna Loop) and visit the site.	BRWTP-S1A Consultant Field Staff
4.	05.02.2025	Upazila Parishad office Dautkandi, Cumilla.	Meeting with Assistant Commissioner (Land) & Upazila Nirbahi Officer regarding pre-selection of disposal areas for the River Route-11 Gumti (Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff
5.	09.02.2025	Solimganj & Dolarpar union parishad office, Narsingdi	Meeting with Sub Assistant Officer of regarding dike confirmation for River Route-09 Meghna (Bancharampur-Homna Loop).	BRWTP-S1A Consultant Field Staff
6.	24.02.2025	Route 16 (Patarhat -Bheduria) at Patarhat. New Disposal Area Dyke no.4	Focus group discussion and new disposal area visit and discussion/meeting with local people	BRWTP-S1A Consultant Field Staff
7.	26.02.2025	Route 21 (Laharhat -Bheduria) at Bheduria. New Disposal Area Dyke no.24	Focus group discussion and new disposal area visit and discussion/meeting with local people	BRWTP-S1A Consultant Field Staff

Field activities and Visits, BRWTP-S1A (February 2025):

To monitor and supervise the field activities, BRWTP-S1A experts and field staff frequently visited sites when and where necessary. During the reporting period, frequent field visits were necessary to assess the dike, engage with stakeholders, and oversee dredging activities. Tables illustrate detailed field activities at Lot 2 and Lot 3 in Annex-II.

Grievance Redressal Mechanism (GRM):

Two Grievance Redress Committees (GRC) have been formed in the Lot-2 and Lot-3 project areas respectively, with one committee addressing site/local level issues and the other focusing on Contractor-level gender-based violence (GBV) issues. Contractors, supported by S1A, conducted regular consultations to inform locals about reporting mechanisms. Grievance boxes were installed at project offices and dredging sites for people to submit their complaint letters and hotline numbers were provided for immediate contact.

Furthermore, during this reporting month, grievances have arisen regarding dike selection issues, a land use agreement dispute due to compensation, and incomplete dredging, as a landowner has halted dredging operations. S1A consultants are working to resolve these issues through frequent field-level communication and cooperation with the local administration.

Table 9: Monthly Progress of GRM Report, February, 2025 in Lot-02 & Lot-03

Sl. No.	Issues	Status	S1A Comments
1.	River Traffic Management	No complaints were lodged.	No complaints have been received during this reporting period.
2.	Public Health and Dredge Material Disposal on Land	No complaints were lodged.	No complaints have been received during this reporting period.
3.	Fishermen and other related Groups on Their Livelihoods	No complaints were lodged.	No complaints have been received during this reporting period.
4.	Dike Selection	There was a challenge in finding a disposal area near Route 06 due to local residents' resistance to dredging.	Attempts were made to resolve the issue promptly through the local government administration, but it remained unresolved.
5	Land Use Agreement	Grievances existed in Lot 3 regarding the non-receipt of compensation.	S1A consultant escalated the issue to PIU.
6	Incomplete Dredging in Lot-2, Route-9, Dyke-75	The landowner expressed his grievances about the dike not being completely filled (only two-thirds filled) due to the unavailability of a lower-diameter CSD.	Once the contractor brings the lower-diameter CSD, the issue will be resolved.

GBV/SEA/SH by workers and enforcement of the CoC:

The local people have reported that the dredging workers/ laborers have no congenial or illicit sexual relationship with local inhabitants. No sexual exploitation, sexual violence, or gender-based violence was reported at work sites.

ESHS, Worker Employment, and OHS Status:

The S1A team evaluated the Environmental, Social, Health, and Safety (ESHS) conditions, worker employment and working conditions, as well as the Occupational Health and Safety (OHS) status during the reporting period. To ensure the safety of both workers and the public during the dredging process, data was gathered through field observations during site visits and from monitoring reports provided by both contractors. The collected data is presented in the table below.

Table 10: ESHS Status at a Glance in February 2025

ESHS Issues	Parameters	Lot-2	Lot-3
Occupational Health and Safety (OHS)	Set up a first aid clinic room, equipped with a medical treatment registration card for each employee.	First aid facilities were available at the project sites.	First aid facilities were available at project sites.
	Kitchen sanitation and cleanliness and food quality	Satisfactory	Satisfactory
	Sewage and wastewater discharge and Solid Waste Management	Good arrangements were kept in the Houseboat	Good arrangements were kept in the Houseboat
	Gas cylinder storage and maintenance	Maintained	Maintained
	Fire Extinguisher	Available	Available
	Safe Drinking Water	Accessible. Freshwater is collected daily from tube wells of nearby villages	Accessible. Freshwater is collected daily from tube wells of nearby villages
	Toilet facilities	Good	Good
Workers' Condition and Employment Situation	Total Employment (person) for all routes	80 (Eighty)	60 (Sixty)
	Male Female Ratio	All employees are Male	No Female Employee
	Wage Status	Good arrangements were kept in the Houseboat	Good arrangements were kept in the Houseboat
	Force Labor/ Child Labor	Not Applicable in this month	Not Applicable in this month

ESHS Issues	Parameters	Lot-2	Lot-3
Personal Protection Equipment (PPE) for all staff/workers working on the site.	Wearing appropriate PPE like helmets, safety goggles, hand and arm protection, elbow protection gloves, safety shoes, life jacket/vests for protection while working in the river, use of hearing protection in case of loud noise for all officers/employees and laborers engaged in project work.	Safety helmet, Safety vest, safety shoes, Hand gloves, etc., observed at the site. But not adequate. All workers were not using PPEs.	Available at site level but needs awareness and monitoring for using PPEs
Traffic management	Provision for preventing accidents including nighttime.	River traffic-related signboards have already been installed, checked and found in good condition. Sign boards ensure safe river traffic movement. The types of navigational aids installed (buoys, beacons, lights, etc.) and locations along the dredged routes.	River traffic-related signboards have already been installed, checked and found in good condition. Sign boards ensure safe river traffic movement. The types of navigational aids installed (buoys, beacons, lights, etc.) and locations along the dredged routes.
	Dredging sites were demarcated and protected to ensure community safety.	Adequate signs signals are posted to avoid any unwanted endangered while working.	Working hands are found to be careful about their personal safety and working safety as well.

Source: Field Information S1A Consultant Team and Contractors Environmental Monitoring Report.

2.2 PROGRESS OF LOT-2 (GULF COBLA-KARNAFULY JV) CONTRACTOR:

2.2.1 Development and Maintenance Dredging Works:

In January 2025, dredging operations were carried out along Route 05 (Meghna), covering the stretch from Ashuganj to Munshiganj. Work in Lot-02 commenced on January 25, 2025, at the Ashuganj Cargo Terminal Area, with excavation activities conducted between chainage 0+100 to 0+120 over a length of 20 meters. The dredging was performed using an Excavation Long Boom Excavator and a Barge. However, no survey work was conducted for Lot-02 during the reporting month.

2.2.2 Environmental Quality Assessment of Lot-2 Sites:

Monitoring data and observations suggest that, during the reporting period, the dredging operations had no noticeable adverse effects on the surrounding environment. Key parameters, including water quality, ambient noise levels, air quality, and overall health and safety conditions, remained unaffected. Details are in Annex V.

During the field visit in February 2025, fishing activities were observed in various locations along Route 09 and Route 11. A fisheries survey recorded 20 fish species and two crustacean species. Among them, Chapila (*Gudusia chapra*) and Foli (*Notopterus notopterus*) are classified as Vulnerable (VU), while Gonia (*Labeo gonius*) and Meni (*Nandus nandus*) are categorized as Near Threatened (NT). The remaining species fall under the Least Concern (LC) category according to the IUCN Red List of Bangladesh (2015). No visible fish mortality was observed in or around the dredging site. Regarding aquatic mammals, no Ganges River Dolphins (*Platanista gangetica*) were encountered along the surveyed routes. However, residents and fishermen confirmed that these dolphins are not found on Route 09 but may occasionally appear along Route 11 during the monsoon season. During the monitoring period, a capture fishery survey utilized observation sheets and species images to document the presence of dolphins and turtles. However, no freshwater turtles were directly observed within the dredging site, dike area, or nearby locations, nor were any signs of their presence detected.

2.2.3 Social and Resettlement Aspects at Lot-2 Site:

A total of 76 disposal sites have been identified in Lot-2 areas up to February 2025. In Phase II, a total of two (2) dikes have been completed and constructed. One dike is located along River Route 09, covering 113 decimals of privately owned land. A Good Faith Agreement is yet to be finalized. The other dike is situated along River Route 11, covering 350 decimals of Government Khas land. Detailed charts are provided in Annex V.

2.3 PROGRESS OF LOT-3, (DHARTI-BANGA JV) CONTRACTOR:

2.3.1 Development and Maintenance Dredging Works:

Dredging activities continued across multiple routes in February 2025, contributing to a total dredged volume of 54,113 cubic meters for the month. Operations were conducted along Route 13 (Alubazar – Horina), Route 16 (Patarhat – Bheduriya), and Route 21 (Laharhat – Bheduriya).

Route-wise Dredging Progress

- Route 13 (Alubazar – Horina): A total of 15,700 cubic meters was dredged in February, bringing the cumulative dredged volume for this route to 71,300 cubic meters since operations began on November 25, 2024.
- Route 16 (Patarhat – Bheduriya): 15,997 cubic meters was dredged in February, increasing the total to 36,819 cubic meters since dredging commenced on January 29, 2025. and
- Route 21 (Laharhat – Bheduriya): Dredging operations removed 22,416 cubic meters this month, contributing to a total of 302,927 cubic meters since the start date on October 10, 2024.

As of February 2025, the cumulative dredged volume across all monitored routes has reached 411,046 cubic meters. Dredging operations in February progressed as planned, with significant contributions from Route 13, Route 16, and Route 21. The activities remained within the operational framework, ensuring steady progress in maintaining navigability and riverbed management.

2.3.2 Environmental Quality Assessment of Lot-3 Site:

During the monitoring period, dredging was ongoing on Routes 12 and 13. Environmental monitoring activities covered multiple parameters, including **air quality, noise levels, underwater noise levels, riverbed sediment, and surface water** analysis.

During the February 2025 field visit, fishing activities using small mechanized and non-mechanized boats were observed along Route 12 and Route 13. Extensive fishing was recorded this month, with fish catch monitoring resulting in the identification of 27 fish species and four crustacean (prawn) species caught in these river routes. No visible fish mortality was observed at the current or previous dredging sites.

No Ganges River Dolphins (*Platanista gangetica*) were observed near the dredging site, dredger placement area, or adjacent regions. Their absence near the Eidgah Ferry ghat dredging site is likely due to frequent boat and launch movement and the shallow water depth.

Similarly, no freshwater turtles were directly observed at the dredging site, dike area, or nearby locations. However, Indian-roofed turtles were occasionally seen in household ponds.



Figure 4: Condition of Dike No. 22 in February 2025 and in previous monitoring

No new dikes were observed this month, but the previously built Dike-22 near Eidgah Bazar Ferry Terminal on Route 13 was inspected. Situated on a fallow char land along the Meghna River, the dike showed no signs of harm to wildlife, fish mortality, or benthic disturbance.

Before the disposal of dredge material, the dike was covered with vegetation, dominated by reeds. Associated vegetation such as water hyacinth, taro, wild sugarcane, with additional species like pink morning glory and bushy mat grass. This site was a critical habitat for reed land but was converted to a dike without providing proper information to the S1A. A flock of Grey-headed Lapwing, Little Cormorant, and Black-headed Ibis were observed on the nearby mudflat.

2.3.3 Social and Resettlement Aspects at Lot-3 Site:

A total of 30 disposal sites have been identified in the Lot 3 areas up to February 2025. During the Phase-II reporting period, a total of Seven (07) disposal sites have been identified in Lot 3 areas, as detailed in Annex III. Among these, one (01) dike is designated for Route 13, one (01) for Route 16, and the remaining five (05) for Route 21 covering 2411 decimals of Government Khas land and fallow land.

CHAPTER 03:

ACHIEVEMENT OF THIS MONTH'S AND NEXT MONTH'S PLAN

3.1 ACHIEVEMENT OF THIS MONTH (FEBRUARY 2025):

S1A CONSULTANT

- a) Monitoring hydrographic surveys on Routes 11 has been carried out throughout February 2025 under Lot 2.
- b) Monitoring hydrographic surveys on Routes 21 has been carried out throughout February 2025 under Lot 3.
- c) Engineering surveys on Routes 13 and 21 have been carried out throughout the month of February 2025 under Lot 3.
- d) Field visits were carried out by the S1A-ESHS team for both the lots.
- e) Monthly Environmental, Social, and GRM activities were conducted, and the observations were communicated to the contractor and PIU.

LOT-2

- a) Monthly Environmental and Social Activities have been conducted.
- b) Phase-II dredging has started in this reporting month on route 9, 5 and 11.

LOT-3

- a) Monthly Environmental and Social Activities have been conducted.
- b) Dredging for Phase II on the following routes: Route 21 (Laharhat – Bheduriya), Route-13 (Alubazar– Horina) and Route-16 (Mehendiganj–Bheduriya) is continuing.

3.2 NEXT MONTH PLAN:

S1A CONSULTANT ACTION PLAN

A. Monitoring and Supervising Hydrographic Survey and Dredging

- a) Carrying out routine hydrographic survey on the routes under Lot-2 and Lot-3 in consultation with PIU.
- b) Supervising ongoing Cap-II dredging activities under Lot-2 and Lot-3.
- c) Preparing and submitting daily, monthly and quarterly report.

B. Verification of Land Ownership for Selecting Dike Locations

- a) Coordinate with the government administration to confirm the ownership status of potential disposal sites and ensure adherence to legal procedures.
- b) Document and report land ownership status for project compliance.
- c) Assist the Government Administration and PIU regarding selecting dredged material disposal land.

C. Engagement with Local Political Stakeholders

- a) Facilitate discussions between the contractor and local political leaders to resolve disputes and secure cooperation.
- b) Actively participate in stakeholder meetings to streamline the disposal site selection process.
- c) Monitor and document agreements reached with local stakeholders to ensure smooth project execution.

D. Ensuring Compliance with EMP Guidelines

- a) Conduct site inspections to ensure compliance with the EMP and address any issues at dike sites.
- b) Prepare and submit independent reports on ESHS compliance status, corrective actions taken, and areas requiring further intervention.

LOT-2

- a) Submission of the completion report for Phase I, including as-built drawings, dredging volume, cross-section, etc.
- b) Updating the C-ESMP and DDMP. Lot 2 has yet to comply with the requirement.
- c) Submission of the Phase II work plan and resource allocation, including manpower deployment
- d) The Lot-2 Contractor's ESHS team is advised to carry out the recommended field visits during the execution of dredging operations.

LOT-3

- a) Submission of the completion report for Phase I, including as-built drawings, dredging volume, cross-section, etc.
- b) Updating the C-ESMP and DDMP.
- c) The Lot-3 Contractor's ESHS team is advised to carry out the recommended field visits during the dredging operation.

CHAPTER 04: CONCLUSION AND RECOMMENDATIONS

4.1 CONCLUSION

In February 2025, significant progress was achieved in Phase-II capital dredging under Lot-3. However, the progress of Lot-2 Cap-II dredging remains unsatisfactory. During a meeting at the World Bank office, the World Bank, PIU, and S1A Consultant expressed concerns and advised the Lot-2 contractor to take necessary measures to enhance efficiency.

The dredging and environmental monitoring activities in February 2025 were conducted, with no apparent impact on water quality, biodiversity, or community health. Stakeholder engagement and safety measures continue to be prioritized to ensure sustainable project execution.

The contractors were informed to strictly maintain the Environmental and Social compliances as per contractual obligations and The World Bank Guidelines. Effective field visits and GRM implementation were carried out to address potential concerns.

4.2 RECOMMENDATIONS

The progress of Lot 2 in completing Phase I closing documentation and preparing for Phase II is lagging. Proactive measures are required to prevent time constraints in completing Phase II.

Recommendations for Improvement:

- **Increase Dredging Hours:** Ensure dredging operations strictly adhere to the agreed 12-hour work schedule to meet project targets.
- **Deploy Additional Dredgers:** Mobilize the remaining four (4) dredgers as per the agreement to enhance efficiency and ensure timely completion.
- **Commence Dike Preparation Immediately:** Expedite dike preparation at designated disposal sites to facilitate efficient dredged material management.
- **Submit a Revised Dredging Plan:** The Lot-2 contractor must provide a detailed dredging plan for Routes 9 and 11, ensuring the required dredging volume is achieved within the stipulated timeframe for Cap-II completion.

These corrective actions are essential for maintaining the project schedule and ensuring successful dredging operations within the planned timeframe.

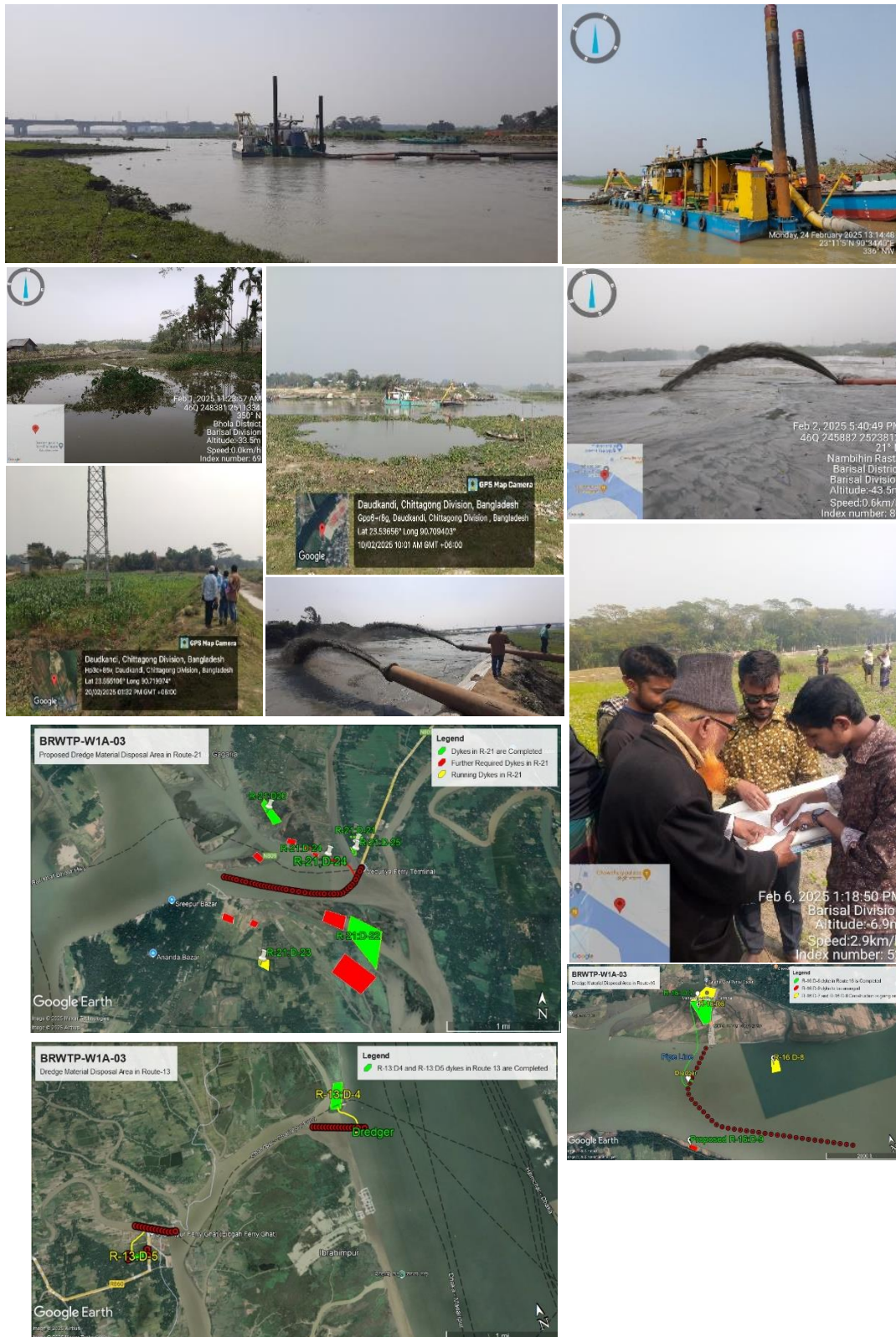
CHAPTER 05: ANNEXURE

ANNEX I: Photos of Project Activities (February, 2025)

Progress Meetings, World Bank Mission, Field Visit, Communication, Consultation, Dike Selection, Preparation, ongoing Dredging, Survey, Fish, and Environmental Monitoring Sample Collection:



Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract



Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract



ANNEX II:

Field activities Records of BRWTP-S1A for the month of February, 2025

Table 6: Field Movement Lot-2 February, 2025

Serial No	Date	Activity	Route name & Route number	Remarks
01	02.02.2025	Meeting with Assistant Commissioner (Land) at Daudkandi regarding dyke preparation and visit the site.	Route-11 Gumti (Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff
02	04.02.2025	Meeting with UNO Nabinagar for dyke preparation and visit the site.	Route-09 Meghna (Bancharampur-Homna Loop).	BRWTP-S1A Consultant Field Staff
03	05.02.2025	Meeting with Assistant Commissioner (Land) & UNO for pre-selection of disposal area.	Route-11 Gumti (Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff
04	09.02.2025	Meeting with Sub Assistant Officer of Solimganj & Dolarpar union	Route-09 Meghna (Bancharampur-Homna Loop).	BRWTP-S1A Consultant Field Staff
05	09.02.2025	Site visit at Narshindi Raipur union charmadua for Route 06 fixing Alignment.	Meghna (Nabinagar Loop joining route-05).	BRWTP-S1A Consultant Field Staff & Dredging Expert, PIU, BWDB representative.
06	10.02.2025	Dredging starting at Route-09, Dyke no-R09-D75. And WB Mission	Visiting Routes 11, 09 & Route 05 (Ashuganj cargo terminal site)	World Bank Team, BIWTA, PIU, S1A Consultant team & Contractor representatives.
07	12.02.2025	Visit for monitoring Dike preparation at Daudkandi	Route-11 Gumti(Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff
08	13.02.2025	Site visit to observe Ashuganj cargo terminal site excavation work.	Route-05 Meghna (Ashuganj to Munshiganj).	BRWTP-S1A Consultant Field Staff
09	18.02.2025	Visit to see the progress status of pre-selected dikes	Route-11 Gumti (Meghna loop approaching Dautkandi).	Data Enumerators of BRWTP-S1A Consultant Field Staff with Assistant Commissioner (Land).
10	19.02.2025	To observe the Inauguration of dredging work at route-11 (Daudkandi), Dyke no R11-D76	Route-11 Gumti(Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff with UNO & AC Land.
11	20.02.2025	Field visit for monitoring the status of selecting dikes condition.	Route-11 Gumti (Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff & Experts
12	23.02.2025	visit Daudkandi for dyke Pre-selection.	Route-11 Gumti (Meghna loop approaching Dautkandi).	BRWTP-S1A Consultant Field Staff
13	24.02.2025	Visiting Doravanga union for monitoring Dyke R09-D75 and Dredger ksbl-05.	Route-09 Meghna (Bancharampur-Homna Loop).	BRWTP-S1A Consultant Field Staff
14	26.02.2025	Visit Daudkandi route-11, Dyke –D03 & Pre-selection of dke.	Route-11Gumti (Meghna loop approaching Dautkandi).	PIU and BRWTP-S1A Representatives.
15	27.02.2025	Monitoring Hydrographic Survey with Ahydtech team.	Route-11Gumti (Meghna loop approaching Dautkandi). Daudkandi bridge to kodomtoli Length: 3050 m	BRWTP-S1A
16	27.02.2025 and 28.02.2025	Environmental data Collection for air, noise, Under water noise monitoring and Soil sample collection from the disposal area and the river bed for lab test.	Route-11 Gumti (Meghna loop approaching Dautkandi). Route-09 Meghna (Bancharampur-Homna Loop).	Environmental Monitoring Team of Lot-2 Contractor and BRWTP-S1A Representative.
17	28.02.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Route-11 Gumti (Meghna loop approaching Dautkandi). kodomtoli to Hasnabad Length: 1150 m	BRWTP-S1A

Table 7: Field Movement Lot-3 February, 2025

Serial No.	Date	Activity	Route name & Route number	Remarks
1	01.02.2025	Focus group discussion and new disposal area visit and discussion/meeting with local people at Bheduriya. New Disposal Area Dyke no.23	Route number 21 (Laharhat - Bheduria)	Social Work
2	02.02.2025	Engineering survey work done for lot 3 Route number 21 (Laharhat-Bheduria)	Route 21 (Laharhat -Bheduria)	Engineering Survey
3	11.02.2025	Engineering survey work done for lot 3 Route number 13 (Alubazar-Horina)	Route 13 (Alubazar-Horina)	Engineering Survey
4	12.02.2025	Engineering survey work done for lot 3 Route number 21 (Laharhat-Bheduria) & Route 16 (Patarhat-Bheduriya)	Route 21 (Laharhat -Bheduria) & Route 16 (Patarhat-Bheduriya)	Engineering Survey
5	12.02.2025	World Bank Team visit with DPD, PIU, S1A team at Route number 13 (Alubazar- Aatbazar)	Route number 13 (Alubazar- Aatbazar)	Monitoring
6	13.02.2025	World Bank Team visit with DPD, PIU, S1A team at Route number 21 (Laharhat -Bheduria)	Route 21 (Laharhat -Bheduria)	Monitoring
7	24.02.2025	Focus group discussion and new disposal area visit and discussion/meeting with local people at Patarhat. New Disposal Area Dyke no.4	Route 16 (Patarhat -Bheduria)	Social Work
8	26.02.2025	Focus group discussion and new disposal area visit and discussion/meeting with local people at Bheduria. New Disposal Area Dyke no.24	Route 21 (Laharhat -Bheduria)	Social Work
9	27.02.2025 to 28.02.2025	Hydrographic Post Survey work at Route number 21 (Laharhat-Bheduria)	Route 21 (Laharhat -Bheduria)	Hydrographic Post Survey

ANNEX III:

The Progress and Status of Dike and Selected Disposal Areas

Lot-2

Table 1: Status of Good Faith Agreements (GFA) for Phase-I Capital Dredging, Lot 2 (74 Dikes)

Dyke no.	Route No	Land Owner		Land			Good Faith Agreements
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D1	9	Md. Monir Hossain NID: 6447046241	Village: Joy Nagar Upazila: Bancharampur	Plot No: 1117.1118, 10, 65, 1016, Mouza: Jay Nagar	95	Agriculture Land (Two Crops)	Done
D2	9	Siblu Mia NID:1210488091772	Village: Imam Nagar Upazila: Bancharampur	Plot No:158, 155, 166, 147. Mouza: Imam Nagar	270	Agriculture Land (Two Crops)	Done
D3	9	Md. Afzal Hossain NID:1210488092232	Village: Joy Nagar Upazila: Bancharampur	Plot No: 461, 711, 712, 713, 714, 715 1016. Mouza: Jay Nagar	150	School and School Field	Done
D4	9	Md. Monzur Mahabub NID: 1210488092428	Village: Imam Nagar Upazila: Bancharampur	Plot No:3473, 3474 Mouza: Imam Nagar	55	Agriculture land (One crop)	Done
D5	9	Jharna Begum NID:5546582981	Village: Barail Upazila: Nabinagar	Plot No: 316, 318, 397, 399, 314, 315, 401 Mouza: Borail.	132	Agriculture land (Two Crops)	Done
D6	9	Md. Dostogir NID:7813941536	Village: Barail Upazila: Nabinagar.	Plot No: 326, 353,314, 622, 312, 126, 319, 320, 321, 334 Mouza: Borail,	141	Agriculture land (Two Crops)	Done
D7	9	Monir Hossain NID:12104880921009	Village: Imam Nagar Upazila: Bancharampur	Plot No.127 Mouza: Imam Nagar.	40	Agriculture land (Two Crops)	Done
D8	9	Abdus Salam NID: 1210488089240	Village: Aka Nagar Upazila: Bancharampur	Plot No.6021, 5622, 5627, 6620, 3277 Mouza: Aka Nagar.	90	Agriculture land (Two Crops)	Done
D9	9	Md. Zakir Hossain NID: 2693016135957	Village: Aka Nagar Upazilla: Bancharampur	Plot No. 2611, 2612, 6036 Mouza: Aka Nagar.	139	Agriculture land (Two Crops)	Done
D10	9	Md. Alamgir Kabir. NID: 1218575059084	Village: Nilukhi	Plot no. 455. Mouza: Borail	52	Agriculture land (Two Crops)	Done
D11	9	Md. Kabir Hossain. NID: 10488088336	Village: Aka Nagar Upazilla: Bancharampur	Plot no. 5972/ 5380/5984 Mouza: Aka Nagar, Bancharampur,	139	Agriculture land (Two Crops)	Done
D12	9	Md. Nazrul Islam. NID: 8705507518	Village: Aka Nagar Upazila: Bancharampur	Plot no. 3053, Mouza: Aka Nagar.	50	Agriculture land (One Crop)	Done
D13	9	Md. Monirul Islam. NID: 8672153577	Village: Aka Nagar Upazila: Bancharampur	Plot no. 2422, 2423, 2412, 2417, 2424, 2425 Mouza: Aka Nagar.	190	Agriculture land (Two Crops)	Done
D14	9	Md. Salek Mia. NID: 7385849111 Mbl:01985708570	Village:Akanagar Union: Salimganj Upazila:Bancharampur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/ 2151/2152, BS-642 JL no. 13.	24	Agriculture land (One Crop)	Done
D15	9	Abdul Halim NID: 2366199863 Mbl: 01819160113	Village:Akanagar Union: Tezkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Akanagar, Plot no. 3395,3396 BS-khatian no. 496 JL no. 13.	67	Agriculture land (One Crop)	Done
D16	9	Md. Riazul Islam NID: 5533130141	Village: Joykalipur Upazila:	Plot no. CS 1370, BS 3002-3003, mouza: Borail	52	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
			Bancharampur				
D17	9	1.Babul Mia NID:5546760314 2.Rakat Ali NID:9132515710 3.Nobi Mia NID:5996942016	Village: Nilukhi Union: Solimgonj Upazila:Nabinagar District: Brahman Baria	Plot no. CS/SA 1373/1374, BS 3007, Mouja: Borail	90	Agriculture land (One Crop)	Done
D18	9	Kader Miah NID: 1210488088731 Mbl: 01712830171	Village:Akanagar Union: Tejkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2152, BS 650-JL no. 13.	192	Agriculture land (One Crop)	Done
D19	9	Md. Kabir Hossain NID: 1210488087685 Mbl: 01789160113	Village:Akanagar Union: Tejkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2152, BS-642 JL no. 13.	32	Agriculture land (One Crop)	Done
D20	9	1.Jasim Uddin NID: 7798370685 Mbl: 01717531207 2.Oli Mia NID: 9152173382 Mbl: 01720322353	Village: Bishnursmpur Union: Bishnursmpur Upazila:Bancharampur District: Brahman Baria	Mouza: Bishnursmpur, SA Khatian: 11, Plot no: 298,1428,1646,1655,1654, JL No 43	59	Agriculture land (One Crop)	Done
D21	9	Safar Ali NID: 2398388328 Mbl: 0191438148	Village:Akanagar Union: Tejkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Akanagar, SA Khatian: 3610, Plot no: 3456,3460 JL No. 13	75	Agriculture land (One Crop)	Done
D22	9	Md. Milon Mia NID: 7348365565 Mbl: 01321822727	Village:Bahirchar Union: Tejkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Bahir char SA Khatian: 556, Plot no: 613,857 JL No. 41	84	Agriculture land (One Crop)	Done
D23	9	1.Alomgir Hossain NID: 19781210488000039 Mbl: 01741735087 2. Md. Borhan Uddin NID: 1210488095770 Mbl: 01794735283	Village: Bishnursmpur Union: Tezkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Bahirchar SA Khatian: 860,380 Plot no: 821,621,711,622,624,810,1070,623,626,710,711,1179 JL No. 41	119	Agriculture land (One Crop)	Done
D24	9	Aminul Islam (Liton) NID: 9917405796 Mbl: 01310822838	Village: Bishnursmpur Union: Bishnursmpur Upazila:Bancharampur District: Brahman Baria	Mouza: Bishnursmpur SA Khatian: 92 Plot no: 1209,1205,1439,1430 JL No. 40	120	Agriculture land (One Crop)	Done
D25	9	Ilias Miaz NID: 19921216488000130 Mbl: 01985728652	Village: Bishnursmpur Union: Tezkhali Upazila:Bancharampur District: Brahman Baria	Mouza: Bishnursmpur SA Khatian: 172, Plot no: 1308,1497,1448,427,1105 JL No 43	174	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D26	9	1. Gazi Kawsar NID: 3298455597 Mbl: 01713685001 2. Gazi abdu Salam NID: 2398479119 Mbl: 01740956081 3. Md. Zakir Hossain NID: 7348561049 Mbl: 01713585112 4. Chandra Kumar Das NID: 1210488090007	Village: Aka Nagar Union: Tezkhali Upazila: Bancha rampur District: Brahman	Mouza No: Aka Nagar SA Khatian: 3921,4096,3941 Plot No: 5760,5705,5707,5790,6370,6698,5744,5711,5384,5715 J L No 13	310	Agriculture land (One Crop)	Done
D27	9	Md. Hanif NID: 5501395304 Mbl: 01717531207	Village: Bishnurampur Union: Bishnurampur Upazilla: Bishnurampur District: Brahman Baria.	Mouza: Bishnurampur SA Khatian: 894, Plot no. 108,111 Khatian No. 860/380 JL No. 41	154	Agriculture land (One Crop)	Done
D28	9	Habib Ulla NID: 2398391876 Mbl: 01817506254	Village: Bahirchar Union: Bishnurampur Upazila: Bancha	Mouza. Bahirchar Plot no. 603,714,1152,1545 Khatian No: 92 JL No: 41	79	Agriculture land (One Crop)	Done
D29	9	Abu Kalam NID: 1948451222 Mbl: 01985708523	Village: Bahirchar Union: Tezkhali Upazila: Bancha rampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 904, 608, 752, 1227 Khatian No: 617, 1487 JL No: 41	89	Agriculture land (One Crop)	Done
D30	9	1. Md. Farid Mia NID: 3298435581 Mbl: 01317622313 2. Abdul Wahab NID: 6894609699 Mbl: 01735786521	Village: Bahirchar Union: Tezkhali Upazila: Bancha rampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 119,1084,415 Khatian No: 551,61,108 JL No: 41	88	Agriculture land (One Crop)	Done
D31	9	Moin Uddin NID: 3748368614 Mbl: 01817506254	Village: Bahirchar Upazila: Bancha rampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 1134,1138,1135,18,1052 Khatian No: 217,541 JL No: 41	85	Agriculture land (One Crop)	Done
D32	9	Ali Ahammad Sarker NID: 3747074718 Mbl: 01715046233	Village: Nilokhi Union: Salimganj Upazila: Nabina gar District: Brahman Baria.	Mouza. Nilokhi Plot no. 1134,1138,1135,18,1052 Khatian No: 24/1, 106/1 JL No: 236	214	Agriculture land (One Crop)	Done
D33	9	1. Rasel Mia NID: 1947127799 Mbl: 01738424077 2. Parul Begum NID: 1210488095296 Mbl: 01735786521 3. Sova Akter NID: 8707793660 Mbl: 01735786521	Village: Nilokhi Union: Salimganj Upazila: Nabina gar District: Brahman Baria.	Mouza. Nilokhi Plot no. 1172,1208,1209,1199,1163,1198,1170,1200,1232 Khatian No: 950, 992 JL No: 05	170	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreemen
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 34	9	1. Md. Billal NID: 2398523114 Mbl: 01725835721 2. Arfat Ali NID:8257731771 Mbl: 01985789351	Village: Bahir Char Union: Tezkhali Upazila:Bancha rampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 25/400,217/652,268/418,628,708 Khatian No: 209,74 JL No: 41	84	Agriculture land (One Crop)	Done
D 35	9	1.Abdul Awal NID: 3746376999 Mbl: 01918578062 2.Abul Kalam NID: 8695983695 Mbl:01716592411 3.Abu Ishaq NID: 3712971580 Mbl: 01719834733 4.Nasir Uddin NID: 5546582717	Village: Barail Upazila:Nabinagar District: Brahman Baria.	Mouza. Barail Plot no. 1590,3267,3144,3274,3515,1802,1803 Khatian No: 544,163,1560 JL No: 04	113	Agriculture land (One Crop)	Done
D 36	9	1.Abdul Mannan NID: 8248455720 Mbl: 01738424077 2.Md. Jalal Mia NID: 4648465153 Mbl: 01735786521 3. Tazul Islam NID: 9173793036 Mbl: 01735786521	Village: Bahir Char Union: Tezkhali Upazila:Bancha rampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 1286,1351,1649,144,1563,127 Khatian No: 549,600,996 JL No: 41	140	Agriculture land (One Crop)	Done
D37	9	Md. Swapon Mia NID: 8248495528 Cel: 01753828096	Village: Bahirchar Union: Tezkhali Upazila:Bancha rampur, District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 530/616/1464 Plot: 553/552/554 JL No:41	60	Agriculture land (One Crop)	Done
D38	9	1.Md. Nazim NID: 2421516085 Mbl: 01733123741 2. Apel Mahmud NID: 4201400373 Mbl: 01958705623 3. Aynal Hoque NID: 5554116691 Mbl: 01815237615 4. Abu Musa NID: 6448345691 Mbl: 01712578351 5. Mst. Razia khatun NID: 2848376618 Mbl: 01735892711 6. Marfot Ali NID: 19761210488000018 Mbl: 01928705721 7. Abdul Mannan NID: 7812888217 Mbl: 01789256722	Village: Bahirchar Union: Tezkhali Upazila:Bancha rampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 751/439/120/889/743/70 Plot: 1282/1284/1285/1283/957/1641/221/955/1502/985/984 JL No:41	173	Agriculture land (One Crop)	Done
D 39	9	Abu Sayem NID: 6890355958 Mbl: 01712853510	Village: Kadoir Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Kadoir Khatian No: 591 Plot: 421 JL No:63	50	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreemen
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 40	9	Md. Jalu Mia NID: 4155505789 Mbl: 01712892751	Village: Bahirchar Union: Tezkhal Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 709 Plot: 440 JL No:41	100	Agriculture land (One Crop)	Done
D 41	9	1.Md. Kamal Mia NID: 7347275260 Mbl: 01724532687 2.Abdul Karim NID: 2397556354 Mbl: 01716161185	Village: Kadoir Union: Tezkhal Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 706 Plot: 486/350/352 JL No:10	111	Agriculture land (One Crop)	Done
D 42	9	1.Mst. Jahanara NID: 1210488096760 Mbl: 01986218781	Village: Nilokhi Union: Salimganj Upazila: Nabina gar District: Brahman Baria.	Mouza No. Nilokhi Khatian No: 262 Plot: 1129/1 JL No:05	31	Agriculture land (One Crop)	Done
D 43	9	1.Shakel Ahmed NID: 2. Sazzad Ahmed NID: Mbl: 3. Md. Alomgir NID: 2397009727 4. Rezaul Karim NID: 6455341013 5. Ziaul Karim NID: 5983496109 Mbl: 6. Fazlul Karim NID: 9132487969	Village: Badda Dakkhin Para Union: Salimganj Upazila: Nabina nagar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 1154/191/986 Plot: 486/350/352 JL No:14	197	Agriculture land (One Crop)	Done
D 44	9	1. Md. Alomgir NID: 2397009727 2. Rezaul Karim NID: 6455341013 3. Ziaul Karim NID: 5983496109 Mbl: 01713018040 4. Fazlul Karim NID: 9132487969	Village: Badda Dakkhin Para Union: Salimganj Upazila: Nabina gar District: Brahman Baria.	Mouza No. Jolli Khatian No: 175/1453 Plot: 122/233/325/ JL No:16	140	Fallow Pond	Done
D 45	9	1. Md. Alomgir NID: 2397009727	Village: Badda Dakkhin Para Union: Salimganj Upazila: Nabina gar District: Brahman Baria.	Mouza No. Jolli Khatian No: 1657 Plot: 291 JL No:16	22	Agriculture land (One Crop)	Done
D 46	9	Md. Jalu Mia NID: 4155505789 Mbl: 01712892751	Village: Bahirchar Union: Tezkhal Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 111 Plot: 222/223/577/496 JL No:41	97	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 47	9	1. Md. Abu Hanif NID: 7305030772 Mbl: 01712892751 2. Sohrab Hossain NID: 1975871797 Mbl: 01728356911	Village: Kadoir Union: Salimganj Upazila:Nabi Nagar District: Brahman Baria.	Mouza No. Kadoir Khatian No: 342 Plot: 438 JL No:10	68	Agriculture land (One Crop)	Done
D 48	9	1. Kamrul Hasan NID: 19791218575000030 Mbl: 01716161185 2. Jaman Uddin NID: 2361962059 Mbl: 01859278912 3.Moshen Mia NID: 5107234883 Mbl: 01713925813 4.Dulal Mia NID: 7347018397 Mbl: 01712830195 5.Baijid Hasan NID: 5107234883 Mbl: 01915830112 6.Abdul Motin NID: 1218588035697 Mbl: 01913592311 7.Hanif Mia NID: 19701218575000009 Mbl: 01713925813	Village: Char Badda Union: Salimganj Upazila:Nabi Nagar District: Brahman Baria.	Mouza No.Char Badda Khatian No: 404/344/160/606/557/605 Plot: 1531/1502/1537/860/941/1282/15 30/1531/1551/288/289/316/493/15 67 JL No:14	200	Agriculture land (One Crop)	Done
D 49	9	1.Kamal Uddin NID: 9148394498 Mbl: 01602208686 2.Forkan uddin NID: 1948433175 Mbl: 01711180780 3.Abdul Hashim NID: 8248455555 Mbl: 01733113742 4.Parul Begum NID: 4201436906 Mbl: 01716497968 5.Ismail Mia NID: 1523786984 Mbl: 01913777071 6.Amir Hossain Passport:0538242 Mbl: 01712835771 7.Farid NID: 3322198205 Mbl: 01852892821	Village: Bahir Char Union: Tezkhali Upazila:Bancha rampur District: Brahman Baria.	Mouza No. Bahir Char Khatian No: 392/320/707/273/514/1071 Plot: 1105/617/1104/411/496/1111/111 0 JL No:41	179	Agriculture land (One Crop)	Done
D 50	9	1.Abul Kashem NID: 2398411542 Mbl: 01708665453 2.Humayun Kobir NID: 1210436157748 Mbl: 01983460221	Village: Moddho Nagar Union: Choyfullah Kandi Upazila:Nabina gar District: Brahman Baria.	Mouza No. Moddho Nagar Khatian No: 1054/1485 Plot: 1105/617/1104/411/496/1111/111 0 JL No:38	193	Agriculture land (One Crop)	Done
D 51	9	1.Murshid Mia NID: 3296986155 Mbl: 01852897257 2.Dulal Mia NID: 1218575054223 Mbl: 01719835021 3.Lal Chand Passport: 0363728	Village: Char Badda Union: Salimganj Upazila:Nabina gar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 525/263/675 Plot: 210/211/39/68 JL No:68	130	Agriculture land (One Crop)	Done

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Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
		Mbl: 01719478351					
D 52	9	Shahin NID: 19821218575000021 Mbl: 01734532462	Village: Bandey Bahir char Union: Salimganj Upazila:Nabina gar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 1118 Plot: 26 JL No:14	32	Agriculture land (One Crop)	Done
D 53	9	Md. Monirul Islam NID: 8672153577 Mbl: 01711175171	Village: Joy Nagar Union: Salimganj Upazila:Nabina gar District: Brahman Baria.	Mouza No. Joy Nagar Khatian No:1154 Plot: 2374 JL No:11	75	Agriculture land (One Crop)	Done
D 54	9	Abdur Razzak NID: 9574183696 Mbl: 01747343757	Village: Bishnurampur Union: Tezkhali Upazila:Bancha rampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:1154 Plot: 1594 JL No:01	86	Fallow Land	Done
D 55	9	Shahjalal NID: 8242023813 Mbl: 01625888695	Village: Bishnurampur Union: Tezkhali Upazila:Bancha rampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:386 Plot: 1550 JL No:40	73	Fallow Land	Done
D 56	9	1.Abul Kashem NID: 2398411542 Mbl: 01708665453 2.Humayun Kobir NID: 1210436157748 Mbl: 01983460221	Village: Moddho Nagar Union: Choyfullah Kandi Upazila:Nabina gar District: Brahman Baria.	Mouza No. Moddho Nagar Khatian No: 1054/1485 Plot: 1105/617/1104/411/496/1111/1110 JL No:38	193	Agriculture land (One Crop)	Agreement will be done by District administration
D 57	9	1.Murshid Mia NID: 3296986155 Mbl: 01852897257 2.Dulal Mia NID: 1218575054223 Mbl: 01719835021 3.Lal Chand Passport: 0363728 Mbl: 01719478351	Village: Char Badda Union: Salimganj Upazila:Nabina gar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 525/263/675 Plot: 210/211/39/68 JL No:68	130	Agriculture land (One Crop)	Agreement will be done by District administration
D 58	9	Md. Shahin NID: 19821218575000021 Mbl: 01734532462	Village : Bandey Bahir char Union : Salimganj Upazila:Nabina gar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 1118 Plot: 26 JL No:14	32	Agriculture land (One Crop)	Agreement will be done by District administration
D 59	9	Md. Monirul Islam NID: 8672153577 Mbl: 01711175171	Village: Joy Nagar Union: Salimganj Upazila:Nabina gar	Mouza No. Joy Nagar Khatian No:1154 Plot: 2374 JL No:11	75	Agriculture land (One Crop)	Agreement will be done by District administration

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Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
			District: Brahman Baria.				
D 60	9	Abdur Razzak NID: 9574183696 Mbl: 01747343757	Village: Bishnurampur Union: Tezkhali Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No: 1154 Plot: 1594 JL No: 01	86	Fallow Land	Agreement will be done by District administration
D 61	9	Shahjalal NID: 8242023813 Mbl: 01625888695	Village: Bishnurampur Union: Tezkhali Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No: 386 Plot: 1550 JL No: 40	73	Fallow Land	Agreement will be done by District administration
D 62	9	Md. Aktar Hossain NID: 3725002590 Mbl: 01605208355	Village: Tezkhali Union: Tezkhali Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Tezkhali Khatian No: 1852 Plot: 430/688/960/972/482 JL No: 42	120	Agriculture land (One Crop)	Done
D 63	9	Md. Ashikul Islam NID: 3268311275 Mbl: 01855997070	Village: Tezkhali Union: Tezkhali Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Tezkhali Khatian No: 1852 Plot: 430/688/960/972/482 JL No: 42	120	Agriculture land (One Crop)	Done
D 64	9	Md. Masud NID: 4197522263 Mbl: 01625888695	Village: Noyar char Union: Salimganj Upazila: Nabinagar District: Brahman Baria.	Mouza No. Noyar char Khatian No: 689 Plot: 366/422/645/389 JL No: 67	62	Agriculture land (One Crop)	Done
D 65	9	Anowar Hossain Raza NID: 1948336233 Mbl: 01625888695	Village: Bishnurampur Union: Bishnurampur Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No: 315 Plot: 365/254/423/546/259/121 JL No: 39	270	Agriculture land (One Crop)	Done
D 66	9	Md. Kawsar NID:	Village: Khalla Union: Choyfullakandi Upazila: Bancha rampur District: Brahman Baria.	Mouza No. Khalla Khatian No: 1394 Plot: 4662 JL No: 1418	95	Agriculture land (One Crop)	Agreement will be done by District administration
D 67	7&8	1. Hafiz Mia NID: 6816020733136 2. Abu Kashed Mia NID: 6816020432149 3. Abul Kashem NID: 5501734684 4. Nuru Mia	Village: Birgaon Union: Alokballi Upazila: Narsingdi District: Narsingdi	Mouza: Char Madhobpur SA Khatian No: 425/2010/2051 CS Plot No: 4212, 4219, 4262, 4341, 10070, 10037, 13062, 10064, 10062, 10061, 10091, 10204, 9689, 9690, 9653, 10079, 10056, 10205, 9798, 10118,	677	About 70% Fallow Land and 30% Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
		NID: 8218914904 5.Sushil Chandra Sutradhar NID: 6816020732471 Mbl: 01794391918, 01712766109		10111, 10114 JL No: 73, 62, 52			
D 68	7&8	Md. Delwar Hossain NID: 9550769062 Mbl: 01712766109	Village: Bakhor nagar Union: Alokbali Upazila:Narsin gdi Sadar District: Narsingdi	Mouza: Char Madhobpur SA Khatian No: 8723/4356/4126/4247 SA Plot No: 7879,7915,7880,8793,7891,7960,7 961,9730,9731,9732,8730,896,749 6,7494,9756, 9757, 9727,9730, 9731, 9732,8726, 8743, 7891, 8793,7886, JL No: 62	328	Fallow Land	Done
D 69	7&8	Hazrat Ali NID: 7822420450 Mbl: 01935205783	Village: Birgaon Union: Alokbali Upazila:Narsin gdi Sadar District: Narsingdi	Mouza: Char Madhobpur CS Khatian No: 122 SA Plot No: 12458/12466/12485 JL No: 52	91	Agriculture land (One Crop)	Done
D 70	7&8	1. Sukkur Ali NID: 4151539675 Mbl: 01987608661 2. Jahangir Alom NID: 2360551242 3. Md. Milon Kha NID: 4601748173	Village: Sat para Union: Alokbali Upazila:Narsin gdi Sadar District: Narsingdi	Mouza: Char Madhobpur CS Khatian No: 3024/26/2068/98/4150 SA Plot No: 1841/7865/7877/7262/7869/7499/ 1815/1817/2089/7878/7885 JL No: 62	180	Agriculture land (One Crop)	Done
D 71	7&8	1. Md. Sheikh Farid NID: 6816020734834 Mbl: 01765-995824 2. Rezon Mia NID: 7358087984 Mbl: 01677556624	Village: Sat para Union: Alokbali Upazila:Narsin gdi Sadar District: Narsingdi	Mouza: Char Madhobpur CS Khatian No: 121 SA Plot No: 6711/6512/6706/6727/6712/7364/ 7369/7794/7868 JL No: 62	170	Agriculture land (One Crop)	Done
D 72	6	2. Sahad Mia NID: 1481632832 Mbl: 01855992870 2. Md. Jalal Fakir NID: 5851625392 Mbl: 01759252667	Village: Char Modhua Union: Char Modhua Upazila:Roypur a District: Narsingdi	Mouza: Char Modhua CS Khatian No: 637 SA Plot No: 1062/1011/894/1131/42/131/806/8 11/913/1042/1181/1188 JL No: 123	290	Agriculture land (One Crop)	Done
D 73	11	Abul Kasem NID: 1913621823408 Mbl: 01724340171	Village: Notun Hasnabad Union: Daud Kandi Upazila: Daud Kandi District: Cumilla	Mouza: Nando pur CS Khatian No: 44 Plot No: 158/44/41/150/67 JL No: 98	210	Agriculture land (One Crop)	Done
D 74	11	Foyez Uddin NID: 1913621824175 Mbl: 01928932815	Village: Notun Hasnabad Union: Daud Kandi Upazila: Daud Kandi District: Cumilla	Mouza: Nando pur CS Khatian No: 39 Plot No: 160/39/151/155/44 JL No: 92	293	Agriculture land (One Crop)	Done
74 dikes	04 River Routes				Total Land 9,669 (Decimal)		

Note: 1. This list will be updated from time to time including the dredged soil volume disposed in the dike and the amount of revenue deposited to the government treasury.

Table 2: Status of Good Faith Agreements (GFA), Lot- 2 (2 Dikes), Phase-II

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 75	09	Habibur Rahman NID : 9582091709 Mbl# 01309475774	Village: Sutarampur Union: Bori Kandi Upazila: Nabinagar District: Brahmanbaria	Mouja: Jafrabad	113	Fallow land	Yet to be done
D 76	11	Govt. of Bangladesh	Village: Donar Char Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouja: Noakandi JL No. 173	350	Khas land	Govt. Land
Total dike 02	Total Route 02				463		

Lot-3

Table 2: Status of Good Faith Agreements (GFA), Lot 3 (23 Dike), Phase-I

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 01	21	Salam Fakir NID: 8223014047 Mbl # 01766-138946	Village: Ghagoria Union: Ghagoria Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1901/56	200	Agriculture land (One Crop)	Done
D 02	21	Mizan Fakir NID: 6860475422 Mbl # 01712-878285	Village: Bheduriya Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Mouza: Bheduria Plot no. 1901/28	120	Agriculture land (One Crop)	Done
D 03	21	Salam Fakir NID: 8223014047 Mbl # 01766-138946	Village: Ghagoria Union: Ghagoria Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1901/56	224	Agriculture land (One Crop)	Done
D 04	21	Jahangir Hossain NID: Mbl # 01620-487692	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1501	80	Agriculture land (One Crop)	Done
D 05	21	Mizanur Rahman NID: 6860475422 Mbl # 01712-878285	Village: Ghagoria Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1107,1181,1182, 2123,2124,2119,2125	300	Agriculture land (One Crop)	Done
D 06	21	Nur Nabi Vhuiya NID: 616213050970 Mbl # 01846-565388	Village: Ghagoria Union: Mehendiganj Upazila:Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1468 (DP Khotiyan-385, DP Plot: 4662)	355	Agriculture land (One Crop)	Done
D 07	21	Nur Nabi Vhuiya NID: 616213050970 Mbl # 01846-565388	Village: Ghagoria Union: Mehendiganj Upazila:Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1479 (DP Khotiyan-385, DP Plot: 4662)	435	Agriculture land (One Crop)	yet to be done*
D 08	21	Zhariul Islam Nakib NID: 4192286039 Mbl # 01711-320785	Village: Bheduriya Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Mouza No. Char Bheduriya Khatian No: 1319 JL No: 56	157	Agriculture land (One Crop)	yet to be done*
D 09	21	Kabi Hossain Mridha NID: 6878485082 Mbl # 01735-802399	Village: Ghagoria Union: Mehendiganj Upazila:Mehendiganj District: Barishal	Mouza No. Ghagoria Khatian No: 296 JL No: 118	1204	Agriculture land (One Crop)	yet to be done*
D 10	21	Md. Hakim uddain NID: 1928737947 Mbl # not given	Village: Bheduria Union: Bhola Sadar Upazila:Bhola Sadar District: Bhola	Did not collect yet	768	Agriculture land (One Crop)	yet to be done*

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 11	21	Ruhul amin NID: 0616213050968 Mbl # 01762-447287	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza. Shreepur Survey no. 47 Khatian No: 502,525,526JL No: 120	444	Agriculture land (One Crop)	yet to be done*
D 12	21	Harun chairman NID: Under processing Mobile # 01712-404378	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	73	Agriculture land (One Crop)	yet to be done*
D 13	21	Harun chairman NID: Under processing Mobile # 01712-404378	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	128	Agriculture land (One Crop)	yet to be done*
D 14	21	Mizanur Rahman Harun NID: 6860475422 Mobile # 01712-878285	Village: Shampur Union/post: Kalupur Upazila: Bhola Sadar	Did not collect yet	1017	Agriculture land (One Crop)	yet to be done*
D 15	21	Mizanur Rahman Harun NID: 6860475422 Mobile # 01712-878285	Village: Sreepur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	1572	Agriculture land (One Crop)	yet to be done*
D 16	21	Kamal hassain (member) NID: Not given by contractor Mbl:	Village: Ghagoria Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Did not collect yet	1000	Agriculture land (One Crop)	yet to be done*
D 17	21	Salam Fakir NID: 8223014047 Mbl # 01766-138946	Village: Ghagoria Union: Ghagoria Upazila: Mehendiganj District: Barishal	Did not collect yet	84	Agriculture land (One Crop)	yet to be done*
D 18	21	Harun chairman NID: under process Mbl # under process	Village: Ghagoria Union: sreepur Upazila: Mehendiganj District: Barishal	Did not collect yet	171	Agriculture land (One Crop)	yet to be done*
D 19	16	MD.Amir hassain Jomaddar NID: 8225574485 Mbl # 01718051191	Village: Sadequepur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	1443	Agriculture land (One Crop)	yet to be done*
D 20	16	1. Adv. Md Khorshed NID: 7328539411 2. Adv.Md Jakir Hossain NID: 0616213038313 Mbl # 01770198608	Village: Char Mitua Union: Alimabad Upazila: Mehendiganj District: Barishal	Mouza: Char mohisa. Plot no. 324, 325, 326, 344, 345, 346	1294	Agriculture land (One Crop)	yet to be done*
D 21	13	Md. Ali Bapari NID: not given Mbl # 01739224610	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	574	Agriculture land (One Crop)	yet to be done*
D 22	13	Government land	Village: Lokkhir char Union: Upazila: Chandpur sadar District: Chandpur	Did not collect yet	400	Fallow Land	Govt. Land
D 23	13	1. Md. Dulal Khan NID: Not given by land owner Mbl # 01729-505858 2. Md. Monir Hossain NID: Not given by land owner Mbl # 01791-330411	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	446	Agriculture land (One Crop)	yet to be done*
Total dike23	Total Route 03				12,469		

Note:

1. This list will be updated from time to time including the dredged soil volume disposed in the dike.
2. *: The execution of GFA is being delayed due to a dispute regarding compensation.

Table 3: Status of Good Faith Agreements (GFA), Lot 3 (07 Dike), Phase-II

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 24	21	Monir, Yusuf, Salauddin, Kalam, Nasim, Nasir, Nur Islam, Junayed	Village: Ghagoria Union: sreepur Upazila: Mehendiganj District: Barishal	Did not collect yet	155	Fallow land	Govt. Land
D 25	21	Ripon, Yasmin, Hasan, Swapon, Rafik, Alomgir, Sabuz, Rezwan, Saraz, Julhas	Village: Ghagoria Union: sreepur Upazila: Mehendiganj District: Barishal	Did not collect yet	300	Fallow land	Govt. Land
D26	21	Md. Kalu, Md. Shahin	Village: Ghagoria Union: sreepur Upazila: Mehendiganj District: Barishal	Did not collect yet	70	Fallow land	Govt. Land
D27	21	Ali Hossain gong	Village : Ghagoria Union : sreepur Upazila : Mehendiganj District: Barishal	Khatian: 260, 493	900	Fallow land	Govt. Land
D28	21	Md. Saiful 01818592314	Vill & Union: sreepur Upazila: Mehendiganj District: Barishal	Did not collect yet	444	Fallow land	Done
D 29	16	Mohammad Gazi Mbl# 01972381881	Village: Sadequepur Union: Alimabad Upazila: Mehandiganj District: Barishal	Did not collect yet	392	Govt. Land	Govt. Land
D 30	13 (Extension of the dyke no. 22)	Yunus Gazi and Md. Didar Mbl# 01722495773	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	150	Khas Land	Govt. Land
Total dike 07	Total Route 03				2,411		

ANNEX-IV:

Survey Work, Alignment, Design, Dredging & Calculation for February, 2025, Lot-2

Route ID	Route Length Chainage (km)	Shoal Length, Cap-II (m)	Cap-II Dredging Volume (m³)	Dredger	Dredger Deployment Date	Average Dredging rate/hr (m³)	Average Working hr/day	Dredging rate/day (m³)	Total Days Required to Complete the Route	Containment Dike ID	Containment Dike Location (Chainage)	Available Containment Dike	Date of availability of Containment Dike	Dredging Starting Date	Volume Dredged till date (approx. m³)	Remarks
Lot 2 Survey Work, Alignment, Design, Dredging & Calculation																
Route 3&4	00+000 to 56+000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Route 5	00+000 to 86+600	150	18848	Long Boom Excavator	25-Jan-25	120	5	600	31	R5-D01	84+575	1	25-Jan-25	25-Jan-25	9062	Progress 48.08% (Approx)
Route 6	00+000 to 26+100	1000	72912	Dredger2	Not mobilized yet	150	6	900	81 (Estimated)	R6-D03, R6-D04	3+250, 4+000	Yet to be selected				
Route 7&8	00+000 to 28+400	2050	14535	Dredger3	Not mobilized yet	150	6	900	16 (Estimated)	R7&8-D08, R7&8-D09	1+000, 4+000	Yet to be selected				
Route 9	00+000 to 58+850	12700	208837	Kamofuly-5	7-Feb-25	64	4.0	256	816	R9-D76, R9-D77, R9-D78, R9-D79	0+000-3+000, 3+000-5+000, 5+000-5+500, 5+500-6+000	1	1-Feb-25	11-Feb-25	3561	Progress 1.71% (Approx)
				Dredger5	Not mobilized yet					R9-D80, R9-D81, R9-D82, R9-D83	6+000-6+500, 6+500-7+000, 7+000-7+500, 7+500-8+870	5	9-Feb-25			
				Dredger6	Not mobilized yet					R9-D84, R9-D85, R9-D86, R9-D87	8+880-11+880, 11+880-14+880, 14+880-17+880, 17+880-21+590	Yet to be selected				
Route 10	00+000 to 48+000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Route 11	00+000 to 13+100	5250	291281	Kamofuly-7	2-Feb-25	85	6.3	538	274	R11-D3, R11-D4, R11-D5	4+800-5+800, 5+800-6+800, 6+800-7+300	1	9-Feb-25	19-Feb-25	6431	Progress 3.3% (Approx)
				Kamofuly-3	24-Feb-25	83	6.3	525		R11-D6, R11-D7, R11-D8, R11-D9	7+300-7+800, 7+800-8+300, 8+300-8+800, 8+800-9+300	1	24-Feb-25	24-Feb-25	3177	
				Dredger9	Not mobilized yet					R11-D10, R11-D11, R11-D12	9+300-9+800, 9+800-10+800, 10+800-11+800	3	26-Feb-25			
				Dredger10	Not mobilized yet					R11-D13, R11-D14	11+800-12+800, 12+800-13+130	Yet to be selected				
Total	317.05	21150	606413	Total 10 Dredgers Required	Deployed 4 dredgers so far					Total 29 dikes required		12 Dikes available so far			22231	

Note: S1A proposes to deploy 6 additional dredgers to complete dredging work on time

ANNEX-V:

Environmental Quality Assessment and Compliance Status for February, 2025

Table 01: Environmental Quality Assessment for February, 2025 for Lot-2

Sl No.	Item	Parameters	Baseline Data of Route 09	Route-09	Baseline Data of Route 11	Route-11	S1A Remarks January 2025
			January 2023	February 2025	January 2023	February 2025	
1	Air Quality	SPM	140.34	147.17	157.82	167.58	*WAL
		PM10	58.34	70.51	72.37	82.01	WAL
		PM2.5	31.43	37.05	41.35	52.71	WAL
		SO2	15.29	21.02	18.25	27.19	WAL
		NO2	12.75	28.26	15.89	33.06	WAL
		CO	1.3	0.6	1.3	0.6	WAL
2	Noise Level	LEQ day	61.6	61.2	70.6	65.7	WAL
		Lmax	76	63.8	82.9	69.4	WAL
		Lmin	42.8	42.3	44.6	45.4	WAL
3	Underwater Noise Level	LAvg [dB (A)]	-	52.4	-	56.2	WAL
4	Surface Water Quality	Temperature	22.1	26	22.4	25.8	WAL
		EC	310	283	290	440	WAL
		pH	7.20	6.90	7.98	7.40	WAL
		TDS	160	140	150	220	WAL
		DO	4.5	5.4	5.8	5.6	WAL
		BOD5	10	4.8	0.3	4.4	WAL
		TSS	83	198	87	201	WAL
5	Riverbed Sediment	Lead (Pb)	9.79	-	8.26	-	WAL
		Cadmium (Cd)	0.054	-	0.063	-	WAL
		Chromium (Cr)	15.94	-	19.37	-	WAL
		Zinc (Zn)	26.32	-	19.16	-	WAL
		Arsenic (As)	1.96	-	2.87	-	WAL
6	Dredge Material	Lead	-	14.70	-	12.93	WAL
		Cadmium	-	0.06	-	0.07	WAL
		Chromium	-	15.04	-	19.01	WAL
		Zinc	-	20.03	-	16.37	WAL
		Arsenic	-	1.84	-	1.77	WAL

*WAL=Within Approved Limit; - = Sample was not collected.

Table 02: Environmental Quality Assessment for February 2025 for Lot 3

Sl No.	Item	Parameters	Baseline Data of Route 12	Route 12 February 2025	Baseline Data of Route 13	Route 13 February 2025	S1A Remarks February 2025
1	Ambient Air Polluants' Concentration in µg/m ³	SPM		129.93		60.42	WAL
		PM10		82.46		33.71	WAL
		PM2.5		34.50		17.38	WAL
		SO2		23.47		16.78	WAL
		NO2		28.06		19.24	WAL
		CO		0.9		0.8	WAL
2	Noise Level	LEQ day		74.19		63.44	WAL
		Lmax		90.79		88.42	Mixed Area.
		Lmin		38.47		35.08	WAL
3	Under Water Noise Level	LAvg [dB (A)]		70.2		61.9	WAL
4	Surface Water Quality	Temperature		26.9		25.7	WAL
		EC		265		263	WAL
		pH		7.08		7.98	WAL
		TDS		125		115	WAL
		DO		5.1		6.9	WAL

SI No.	Item	Parameters	Baseline Data of Route 12	Route 12	Baseline Data of Route 13	Route 13	S1A Remarks February 2025
				February 2025		February 2025	
		BOD5		5.7		4.4	WAL
		TSS		35		44	WAL
5	Riverbed Sediment	Lead		6.99		5.54	WAL
		Cadmium		0.069		0.065	WAL
		Chromium		19.64		23.07	WAL
		Zinc		28.15		34.75	WAL
		Arsenic		3.37		3.69	WAL

*WAL=Within Approved Limit.

Table 3: Compliance Status for February 2025 for Lot-2

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	Compliance Status			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
Aquatic Flora & Fauna including Plankton, Benthos, fish, dolphin	Twenty (20) fish species and two (02) <i>crustacean</i> species were observed, with no visible fish mortality. Ganges River Dolphins were not encountered, and local discussions confirmed their absence in Route 09, though they may rarely appear in Route 11 during the monsoon.	Mitigation measures not required	No mitigation measure was suggested by the Lot 2 monitoring team.	-	P	-	Lot 2 and Lot 3 ESHS staff were advised to be physically present while dredging is ongoing to give more effort and to spend more time on regular monitoring of the habitat and biodiversity	
Sediment Dispersion	Not measured	-	-	-	-	N	Contractors were notified to measure sediment plume on the 1st of March 2023, followed by verbal instruction and reminder emails	No action taken or data provided by the contractors yet. Will be reminded again.
Riverbank Erosion	There were no issues regarding riverbank erosion or flooding.	Dredger stopped and relocated	Dredger stopped and relocated some protection measures taken	C	-	-	Stop dredging and relocate	Recommended reporting to the authorities and stop dredging
Hydrological Conditions	Surveyed before dredging			C				
Drainage Congestion	No remarkable congestion was observed at the dredged material disposal sites.			-	P	-	No reports of any drainage congestion. Regular monitoring	Keep clear all drainage channels. Regular monitoring
River Traffic/ Transport	River traffic-related signboards have already been fixed to ensure a safe river traffic movement		No mitigation measure is required		P	-	Install river traffic related signboards and navigational Aids	
Accidental Spillage	No reports yet	Oil spill emergency plan. 24/7 ready plan	-		P	-	Logbook to be maintained, in case, of any incident, report to the authority	
Sediment leakages from pipes and sediment	No significant leakages were observed with the floater and/or	Maintain pipes	Pipes regularly checked	-	P	-	Stop dredging, fix the problem before resumption; and report to the	

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	Compliance Status			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
disposal	delivery pipe						authority	
Drinking water& sanitation	Safe drinking water is being supplied	Source to be mentioned	-	-	C	-	-	Source of drinking water to be mentioned
Safety of workers	Occupational safety		PPEs provided	-	-	P	Monitor the use of PPEs	Regular monitoring, punitive measures for not using PPEs, or Awareness programs for using PPEs. Besides, need to provide an adequate number of PPEs.
Waste management	Waste bins have been placed on the houseboat as well as in the dredger and maintained		-	-	C	-	Colored collection bins for organic and non-organic solid wastes; no wastes in the river	Mention later stages, what happens after collection from waste bins
Cultural and archeological Sites	Preservation of such sites		x	-	x	x	Stop dredging, report to the authorities	-
Wastewater	Drained properly		-	-	-	P	-	-

Note: The table was prepared based on observations from the field visit.

Table 4: Compliance Status for February 2025 for Lot-3

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	ComplianceStatus			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
Aquatic Flora and Fauna including Plankton, Benthos, fish, dolphin	Twenty-seven (27) fish species and four (04) crustacean species were observed in river routes 12 and 13, with no visible fish mortality near past or current dredging sites. No Ganges River Dolphins were spotted near the dredging site, dredger placement area, or Eidgah Ferrighat, likely due to frequent boat traffic and shallow water. Freshwater turtles were not observed in the dredging area, though Indian roofed turtles were occasionally seen in household ponds.	Mitigation measures not required	No mitigation measure is required in the reporting period	-	P	-	Lo2 and Lot 3 ESHS staff were advised to be physically present while dredging is ongoing to give more effort and to spend more time on regular monitoring of the habitat and biodiversity.	To be practiced every month
Sediment Dispersion	Not measured	x	No mitigation measure is required in the reporting period	-	-	N	Contractors were notified to measure the sediment plume on the 1st of March 2023. Reminders were given verbally and by email	No action taken or data provided by the contractors yet. Will be reminded again

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

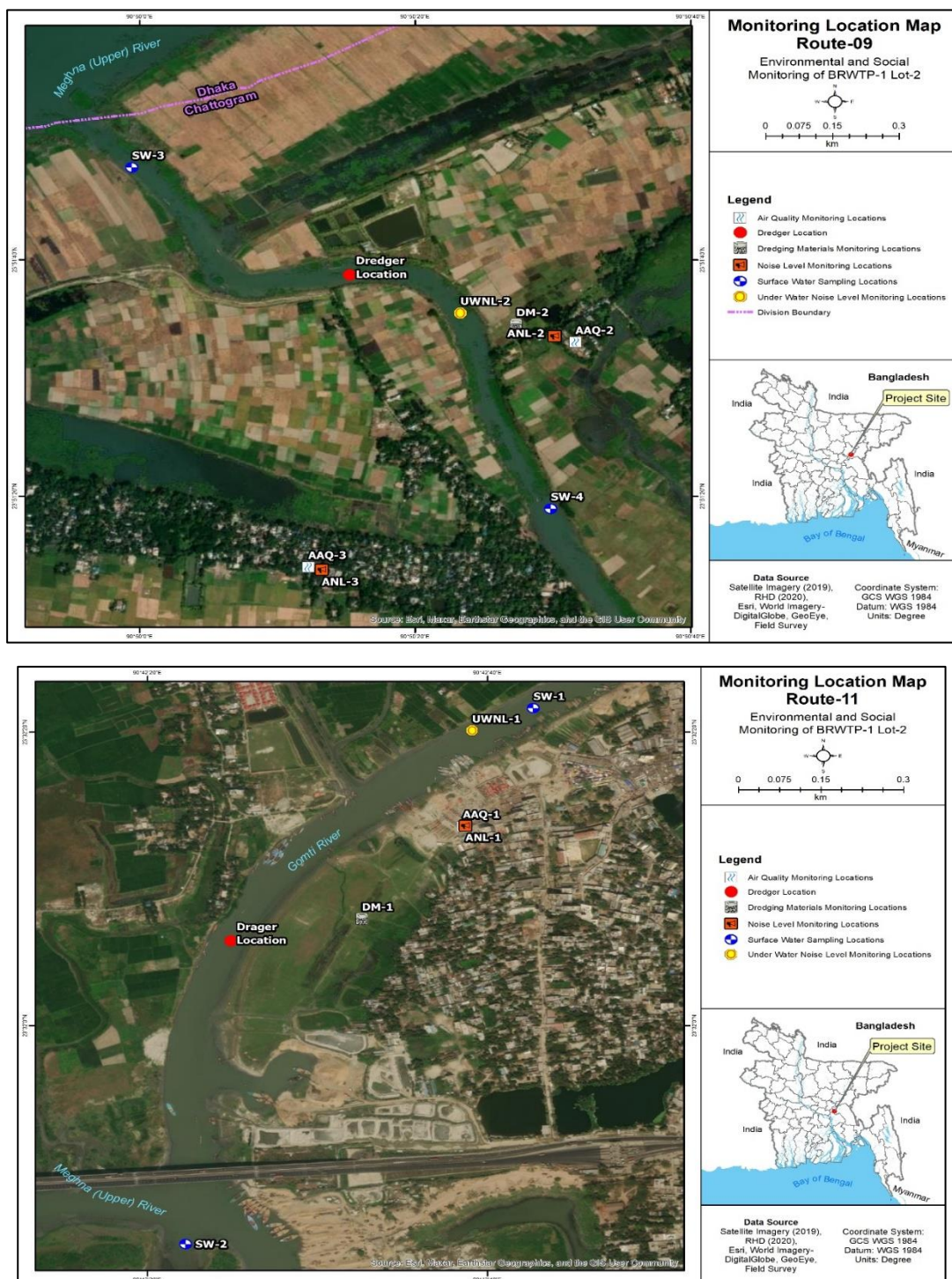
Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	Compliance Status			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
Riverbank Erosion	No reports of riverbank erosion or flooding occurred during the reporting month.	Regular monitoring		-	P	-		Regular monitoring
Hydrological Conditions	Surveyed before dredging							
Drainage Congestion	No drainage congestion was observed during this month.				P	-	No reports of any drainage congestion	To be monitored regularly, early mornings and evenings
River Traffic/Transport	No traffic-related problems were identified	Appropriate aids to navigation to be installed	Procurement of aids to navigation under process	-	P	-	River traffic-related sign boards observed	Appropriate aids to navigation installed.
Accidental Spillage	No reports yet	Monitoring and preparedness to handle any accidental spillage	No spills from chemical storage	-	P	-	Emergency oil spill management plan	Emergency Plan in place, to be updated if necessary
Sediment leakages from pipes and sediment disposal	No reports of any leakage	Maintain pipes, regular checking	During this reporting month, no leakage was found in the dredge pipe. Pipes regularly checked	-	P	-	No reports of leakage	Stop dredging, fix the problem before resumption; and report to the authority
Drinking water & sanitation	Safe drinking water is being supplied			C	-	-		Drinking water source to be mentioned
Safety of workers	Occupational safety		PPEs provided	-	-	N	Awareness of using PPEs	Give warning notice to workers
Dredged material disposal	Unauthorized and illegal disposal of dredged material destroys the reed lands and alters the physical characteristics of the area. Disturbed foraging and roosting habitat of birds	Reed land to be protected, no disposal of dredged material, no alteration of the critical habitats/ecosystem	No information was provided to S1A			N	Punitive measures recommended against the Contractor	Habitat already destroyed, no scope for any corrective measure
Waste management	Waste bins have been placed on the houseboat as well as in the dredger and maintained		-	C	-	-	Colored collection bins for organic and non-organic solid wastes; no wastes in the river	Mention the end process where does the waste go from the bins?
Cultural and archeological Sites	Preservation of such sites		x	-	x	x	Stop dredging, report to the authorities	-
Wastewater	From houseboats, dikes, etc.	Treated, release after settling	Not described	-	-	N	To be treated before release	-

Note: The table was prepared based on observations from the field visit.

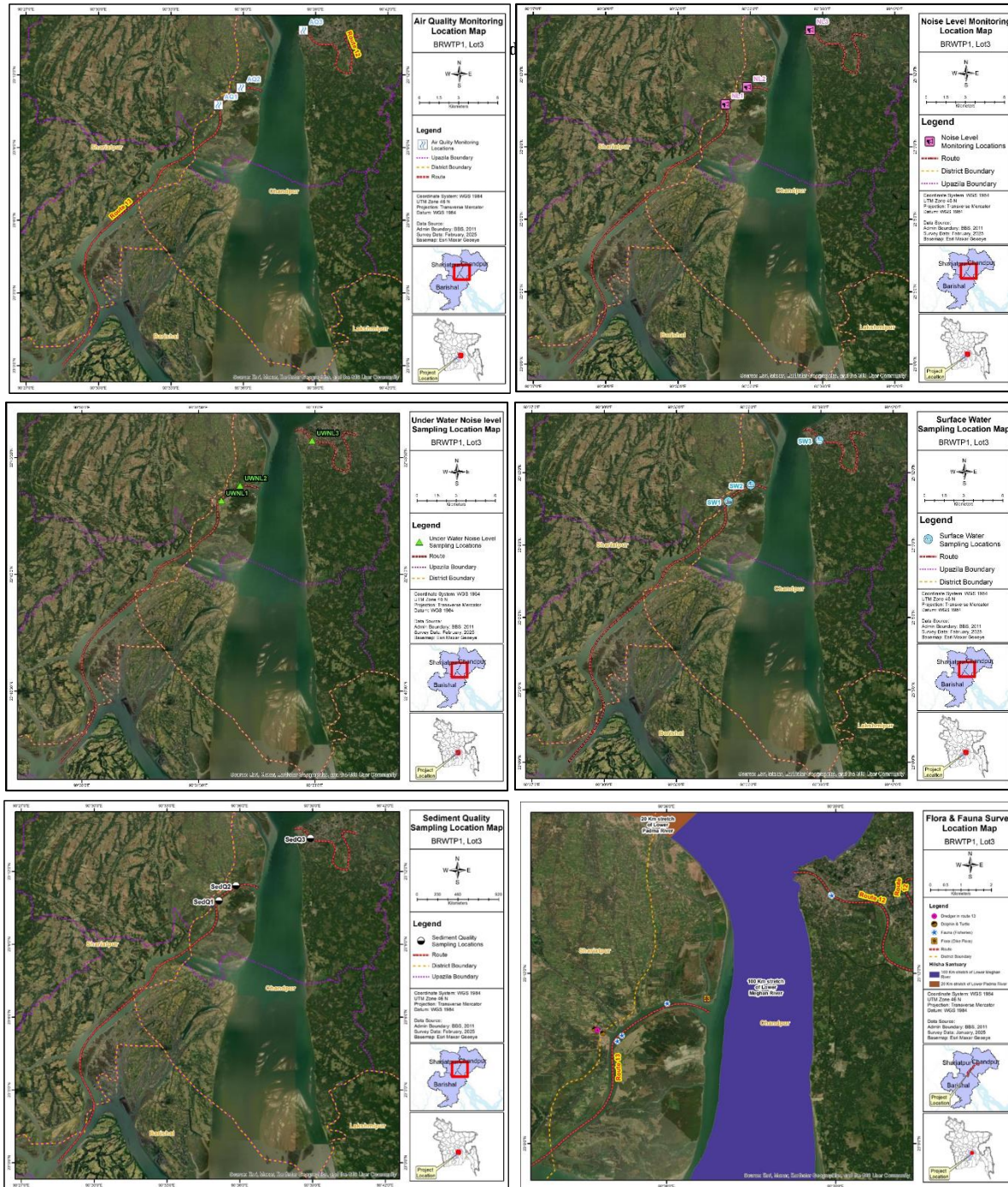
ANNEX VI:

Location Map of Environmental Sample Collection, February 2025

Location Map Environmental Sample Collection at Lot-2 sites (February 2025):



Location Map Environmental Sample Collection at Lot-3 sites (February 2025):



ANNEX VII:

Laboratory Test Results of Environmental Parameters Lot-2 and Lot-3, February 2025

LOT-2



Ref: ELRC/Air Quality/2024308022

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11
Monitoring Activity	: Ambient Air Quality
Location	: AQ1: Near Changakandi Trolar Ghat, Daudkandi, Route-11 (23°32'13.60"N 90°42'38.56"E) AQ2: Darudanga-Salimaganj Bazar Road, Route-09 (23°51'33.04"N 90°50'31.63"E) AQ3: Joykalipur Bazar, Route-09 (23°51'14.02"N 90°50'12.25"E)
Monitoring Date	: 27.02.2025 to 28.02.2025
Reporting Date	: 04.03.2025

Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m3					CO mg/m3
		SPM	PM10	PM2.5	SO2	NO2	
AQ1	27.02.2025	167.58	82.01	52.71	27.19	33.06	0.6
AQ 2	28.02.2025	147.17	70.51	37.05	21.02	28.26	0.6
AQ3	28.02.2025	149.34	72.09	38.78	23.12	32.30	0.7
Air Pollution (control) rules, 2022*		-	150	65	80	80	5
Method of Analysis Instrument Use: Haz-Scanner TM (HIM, 6000)		Particulates Sensor Light Scattering Nephelometer			High Sensitivity Electrochemical		

Note: * Air Pollution (Control) Rules, 2022

Legend: PM₁₀ -Particulate Matter of a diameter of 10 microns or less. PM_{2.5} -Particulate Matter of a diameter of 2.5 microns or less, SO₂ -Sulphur Dioxide; NO₂ -Nitrogen-Dioxide; CO -Carbon Monoxide



Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
www.elrc.com.bd





Ref: ELRC/Noise Level/2024308023

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Monitoring Activity	: Noise Level
Location	: NL1: Near Changakandi Trolar Ghat, Daudkandi, Route-11 (23°32'13.60"N 90°42'38.56"E) NL2: Darudanga-Salimaganj Bazar Road, Route-09 (23°51'33.55"N 90°50'30.12"E) NL3: Joykalipur Bazar, Route-09(23°51'13.80"N 90°50'13.22"E)
Monitoring Date	: 27.02.2025 to 28.02.2025
Reporting Date	: 04.03.2025

Description of Analysis:

Location	Noise level (dB(A))			Bangladesh Standard (dB(A)) *	IFC EHS Guideline (2007)	Location setting
	Leq _{day}	L _{max}	L _{min}	Day	Day	
NL1	65.7	69.4	45.4	60	70	Mixed area
NL2	61.2	63.8	42.3	60	70	
NL3	59.7	62.7	40.4	60	70	

Note:

*Ministry of Environment, Forest, and Climate Change. (2006). Noise Pollution (Control) Rules, 2006 (S.R.O. No. 212-Law/2006). The People's Republic of Bangladesh.

A-weighted decibel, abbreviated dB(A), is an expression of the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, as the ear is less sensitive to low audio frequencies, especially below 1000 Hz, than to high audio frequencies.



Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
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Ref: ELRC/Underwater Noise Level/2024308024

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Monitoring Activity	:	Underwater Noise Level
Location	:	UWNL1: Gumti River; Route-11 (23°32'20.11"N 90°42'39.10"E) UWNL-2: Tista Riiver; Route-9 (23°51'35.50"N 90°50'23.27"E)
Monitoring Date	:	27-28.02.2025
Reporting Date	:	04.03.2025

Description of Analysis:

Code	Location	L _{Avg} [dB (A)]	*Standard
UWNL-1	Gumti River; Route-11	56.2	No International/ GoB Standard
UWNL-2	Tista River; Route-9	52.4	



Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
www.elrc.com.bd





Ref: ELRC/Surface Water Quality/2024308025

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	: Surface Water
Location	: SW1: Gumti River; Route-11 (23°32'21.62"N 90°42'42.70"E) SW2: Gumti River; Route-11 (24.037857°N 90.987049°E) SW-3: Tista River Route-9 (23°51'47.82"N 90°49'59.44"E) SW-4: Tista River Route-9 (23°51'18.95"N 90°50'29.85"E)
Sampling Date	: 27-28.02.2025
Reporting Date	: 04.03.2025

Description of Analysis:

Parameters	Unit	Concentration Present				Bangladesh Standard
		SW1	SW2	SW3	SW4	
Temperature	°C	25.8	25.9	26	26.3	-
EC	µS/cm	440	460	283	261	-
Turbidity	NTU	4	4.8	5	4.9	-
pH	-	7.40	7.51	6.90	7.03	6-9
TDS	ppm	220	231	140	130	1000
DO	mg/L	5.6	5.8	5.4	5.7	5 of more
Potassium	mg/L	34	29	31	35	-
Calcium	mg/L	34	32	35	38	-
Magnesium	mg/L	21	22	24	26	-
Phosphate	mg/L	1.1	1.3	1.4	1.2	-
Chloride	mg/L	21	26	27	31	-
Fluoride	ppm	0.6	0.7	0.8	0.7	-
Nitrate	mg/L	0.7	0.6	0.8	0.9	7
BOD5 (at 20°C)	mg/L	4.4	4.5	4.8	4.5	6 of less
Sulfate	mg/L	19	21	23	25	-
TSS	mg/L	201	200	198	194	-

Note: Bangladesh Environment Conservation Rules, 1997- Schedule 3 (Standards for Inland Surface Water). DO: Dissolved Oxygen; BOD: Biological Oxygen Demand; EC: Electric Conductivity; TDS: Total Dissolved Solids; TSS: Total Suspended Solids



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Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
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www.elrc.com.bd





Ref: ELRC/Dredge Material/2024308026

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	:	Dredge Material
Location	:	DM-1: Donarchar ,Daudkandi, Route-11 (23°32'7.26"N 90°42'32.62"E)
	:	DM-2: Near Darudanga-Salimaganj Bazar Road ,Route-09 (23°51'34.49"N 90°50'27.35"E)
Sampling Date	:	27-28.02.2025
Reporting Date	:	04.03.2025

Description of Analysis:

Parameter	Unit	Sediment Quality – Lot 2		Methodology	Dutch Environmental Standard (mg/kg)
		DM1	DM2		
Lead	mg/kg	12.93	14.70	ICPMS	85
Cadmium	mg/kg	0.07	0.06	ICPMS	0.8
Chromium	mg/kg	19.01	15.04	ICPMS	100
Zinc	mg/kg	16.37	20.03	ICPMS	140
Arsenic	mg/kg	1.77	1.84	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry



Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

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Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
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LOT-3



Ref: ELRC/Air Quality/ AQMM2025-01

Project Name	: BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 & 16, 17 and 21
Monitoring Activity	: Ambient Air Quality
Monitoring Date	: 24.02.2025 – 25.02.2025
Monitoring Location	: Route 13; (AQ-1)- 23°10'45.17"N 90°34'58.52"E Route 13; (AQ-2)- 23°11'28.32"N 90°35'55.06"E Route 12; (AQ-3)- 23°13'50.08"N 90°38'30.19"E

Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m ³					CO mg/m ³
		SPM	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	
AQ-1 Route 13	24/02/2025	68.59	36.31	22.06	19.46	24.24	0.9
AQ-2 Route 13	24/02/2025	60.42	33.71	17.38	16.78	19.24	0.8
AQ-3 Route 12	25/02/2025	129.93	82.46	34.50	23.47	28.06	0.9
Air Pollution (control) rules, 2022*		-	150	65	80	80	5
Method of Analysis		Particulates Sensor			High Sensitivity		
Instrument Use:		Light Scattering Nephelometer			Electrochemical		
Haz-Scanner TM (HIM, 6000)							

Note: * Air Pollution (Control) Rules, 2022

Legend: PM₁₀-Particulate Matter of a diameter of 10 microns or less, PM_{2.5}-Particulate Matter of a diameter of 2.5 microns or less, SO₂-Sulphur Dioxide; NO₂-Nitrogen-Dioxide; CO -Carbon Monoxide

Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
www.elrc.com.bd





Ref: ELRC/Noise Level/ NLMM2025-01

Project Name	: BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	: Noise Level
Location	: NL1 23°10'45.29"N 90°34'58.34"E, (Route 13) : NL2 23°11'27.63"N 90°35'53.29"E, (Route 13) : NL3 23°13'50.12"N 90°38'30.13"E, (Route 12)
Monitoring Date	: 24.02.2025 – 25.02.2025

Description of Analysis:

Location	Noise level (dB(A)) ¹			Bangladesh Standard (dB(A)) ²	IFC EHS Guideline (2007) ³	Location setting
	Leq _{day}	L _{max}	L _{min}	Day	Day	
NL1	69.62	93.58	36.10	-	-	-
NL2	63.44	88.42	35.08	-	-	-
NL3	74.19	90.79	38.47	60	70	Mixed area

Note:

¹Ministry of Environment, Forest, and Climate Change. (2006). Noise Pollution (Control) Rules, 2006 (S.R.O. No. 212-Law/2006). The People's Republic of Bangladesh.

A-weighted decibel, abbreviated dB(A), is an expression of the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, as the ear is less sensitive to low audio frequencies, especially below 1000 Hz, than to high audio frequencies.

¹ A-weighted decibel, abbreviated dB(A), is an expression of the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, as the ear is less sensitive to low audio frequencies, especially below 1000 Hz, than to high audio frequencies.

²Ministry of Environment, Forest, and Climate Change. (2006). Noise Pollution (Control) Rules, 2006 (S.R.O. No. 212-Law/2006). The People's Republic of Bangladesh.

³ Guidelines values are for noise levels measured out of doors. Source: Guidelines for Community Noise, World Health Organization (WHO), 1999

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Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
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Mobile: +(880) 1911702074
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www.elrc.com.bd





Ref: ELRC/ Underwater Noise Level/ UWNL2025-01

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	:	Underwater Noise Level
Location	:	UWNL1 23°10'51.45"N 90°35'12.03"E, Route 13 UWNL2 23°11'27.86"N 90°35'58.53"E, Route 13 UWNL3 23°13'20.09"N 90°38'57.74"E, Route 12
Monitoring Date	:	24.02.2025 – 25.02.2025

Description of Analysis:

Code	Location	L _{Avg} [dB (A)]	*Standard
		[dB (A)]	
UWNL1	Route 13	67.4	No standard of International / GoB
UWNL2	Route 13	61.9	
UWNL3	Route 12	70.2	

Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
www.elrc.com.bd





Ref: ELRC/Surface Water Quality/ SWMM2025-01

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Description of Sample	:	Surface Water
Location	:	Route- 13, & 12.
		SW1 - 23°10'49.06"N 90°35'10.29"E, Route 13
		SW2 - 23°11'29.76"N 90°36'5.54"E, Route 13
		SW3 - 23°13'20.93"N 90°38'56.70"E, Route 12
Sampling Date	:	24.02.2025 – 25.02.2025

Description of Analysis:

Parameters	Unit	Concentration Present (Route -13, & 12)			Bangladesh Standard
		SW1	SW2	SW3	
Temperature	°C	25.2	25.7	26.9	-
EC	µS/cm	270	263	265	-
Turbidity	NTU	11.9	11.2	10.9	-
pH	-	7.88	7.98	7.08	6 - 9
TDS	ppm	140	115	125	1000
DO	mg/L	6.5	6.9	5.1	5 or more
Potassium	mg/L	8.8	8.4	15.9	-
Calcium	mg/L	29	25	37	-
Magnesium	mg/L	9.1	9.7	11.8	-
Phosphate	mg/L	0.6	0.7	0.9	0.05
Chloride	mg/L	8.6	8.8	5.9	-
Fluoride	ppm	0.30	0.28	0.08	-
Nitrate	mg/L	1.4	1.3	0.9	7.0
BOD5 (at 20°C)	mg/L	4.6	4.4	5.7	6 or less
Sulfate	mg/L	24	26	17	-
TSS	mg/L	45	44	35	-

Note: * Bangladesh Environment Conservation Rules-2023, Schedule 2(Ka) (Water Usable for Fisheries). DO: Dissolved Oxygen; BOD: Biological Oxygen Demand; EC: Electric Conductivity; TDS: Total Dissolved Solids; TSS: Total Suspended Solids

Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
www.elrc.com.bd





Ref: ELRC/ Riverbed sediment / SDMM2025-01

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Description of Sample	:	Riverbed sediment – Lot 3
Sampling Date	:	24.02.2025 – 25.02.2025

Location Details:

Code	Route No.	GPS Location
SedQ1	Route 13	23°10'47.96"N 90°35'8.72"E
SedQ2	Route 13	23°11'25.38"N 90°35'50.85"E
SedQ3	Route 12	23°13'22.13"N 90°38'55.23"E

Description of Analysis:

Parameter	Unit	Riverbed sediment – Lot 3			Methodology	Dutch Environmental standard (mg/kg)
		SedQ1	SedQ2	SedQ3		
Lead	mg/kg	7.03	6.99	5.54	ICPMS	85
Cadmium	mg/kg	0.067	0.069	0.065	ICPMS	0.8
Chromium	mg/kg	19.08	19.64	23.07	ICPMS	100
Zinc	mg/kg	29.99	28.15	34.75	ICPMS	140
Arsenic	mg/kg	3.29	3.37	3.69	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry

Office Address:
Flat #F1, House # Ta-134/A
Baishakhi Sarani, Gulshan-Badda
Link Road, Dhaka-1212, Bangladesh

Tel: +(880) 248810789-90
+88(02) 9884077
Mobile: +(880) 1911702074
Email: info@elrcbd.com, elrcbd@gmail.com
www.elrc.com.bd



ANNEX VIII:

Checklist of Dredging and ESHS Activities Lot-2 & Lot-3, February, 2025

Checklists, Lot-2

Table 7: Checklist on ESHS Activities Lot-2 February, 2025

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
1. Permits and Explanation	1	EIA and Environmental Permits	○	○	√	
	2	Explanation to the Local Stakeholders	○	○	√	
	3	Signboards, Notice Boards	○	○	√	
2. Physical Environmental Parameters Monitoring	1	Air Quality	○	√	○	Supervised in 27 February and 28 February at Route-11 & 09.
	2	Surface Water Quality	○	√	○	
	3	Solid Wastes	○	√	○	
	4	Liquid Wastes	○	√	○	
	5	Soil Contamination	○	√	○	
	6	Noise and Vibration	○	√	○	
	7	Underwater Noise	○	√	○	
	8	Odor	○	√	○	
	9	Riverbed Sediment	○	√	○	
	10	Groundwater	○	√	○	
3. Natural Environment	1	Protected Areas	○	√	○	Route no. 11 & 09
	2	Habitat Type	○	√	○	Route no. 11 & 09
	3	Hydrology	○	√	○	Route no. 11 & 09
	4	Topography and Geology	○	√	○	Route no. 11 & 09
	5	Dolphin Observation	○	√	○	Route no. 11 & 09
	6	Fish Catch Examination	○	√	○	Route no. 11 & 09
	7	Flora (Aquatic & Terrestrial)	○	√	○	Route no. 11 & 09
	8	Benthos (Micro & Macro)	○	√	○	Route no. 11 & 09
	9	Phyto- & Zoo-planktons	○	√	○	Route no. 11 & 09
4. Social Environment	1	Resettlement	○	○	√	
	2	Living and Livelihood	○	○	√	
	3	Heritage	○	○	√	
	4	Landscape	○	○	√	
	5	Ethnic Minorities and Indigenous Peoples	○	○	√	

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
5. Occupational Health Safety	1	Work Permit/Contract	○	○	√	
	2	Daily Toolbox Meeting - OHS	○	○	√	
	3	Working Conditions	○	√	○	Fair
	4	Impact/Precaution during Dredging	○	○	√	Not any major issue observed
	5	Accident Prevention Measures	○	√	○	Contractors ESHS team visiting site and concerning all the Manpower
	6	Working Condition	√	○	○	Fair
	7	Accommodation	√	○	○	House Boat
	8	Personal Protection Equipment	√	○	○	Safety helmet, Safety vest, safety shoes, Hand gloves etc observed at site.
	9	Drinking Water	√	○	○	Freshwater daily collect from tube well
	10	Sanitary Condition	√	○	○	Good arrangement kept in House boat
6. Dredged Material Disposal Area	1	Agreement with Land Owner	○	○	√	Process ongoing
	2	Land Use Type	○	√	○	Once or twice cultivated land in a year and also some non-cultivated fellow land
	3	Dyke Design Approval	○	√	○	Dyke no.76 for route 09 construction ongoing.
	4	Dyke Setback Distance	○	√	○	500m and 1000m safe distance from the river bank
	5	Disposal Area Dyke Height	○	√	○	Height 1.875m (avg) for Route no.09, and Height 1.8m for Route no.11
	6	Dyke Strengthened/Material Used*	○	○	√	When required then used
7. Dredger	1	Carbon Emission	○	○	√	Not found/observed at site for all route in lot-2
	2	Leakage	○	○	√	
	3	Oil Spill	○	○	√	
	4	Onboard Waste Management	○	○	√	
	5	Noise and Vibration	○	○	√	

Table 8: Environmental Monitoring Checklist, Lot-2 February, 2025

Category	Environmental Item	Main Check Items	Yes: Y No: N
1. Permits and Explanation	(1) EIA and Environmental Permits	(a) Have EIA reports been already prepared in official process?	Y
		(b) Have EIA reports been approved by authorities of the host country's government?	Y
		(c) Have EIA reports been unconditionally approved? If conditions are imposed on the approval of EIA reports, are the conditions satisfied?	Y
		(d) In addition to the above approvals, have other required environmental permits been obtained from the appropriate regulatory authorities of the host country's government?	Y

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(2) Explanation to the Local Stakeholders	(a) Have contents of the project and the potential impacts been adequately explained to the Local stakeholders based on appropriate procedures, including information disclosure? Is understanding obtained from the Local stakeholders?	Y
	(3) Examination of Alternatives	(a) Have alternative plans of the project been examined with social and environmental considerations?	Y
2. Physical Environmental Parameters Monitoring	(1) Air Quality	(a) Do air pollutants, such as sulfur oxides (SOx), nitrogen oxides (NOx), soot and dust emitted from the ships, vehicles and the facilities like docks comply with the country's emission standards? Are any mitigating measures taken?	Y
	(2) Water Quality	(a) Do pollutants, such as Suspended Solids (SS), oils/fats and other toxicants contained in effluents comply with the country's effluent standards (BOD, COD, ph, etc)? Is there a possibility that the effluents from the project will cause areas not to comply with the country's ambient water quality standards?	Y
		(b) Are adequate measures taken to prevent contamination of surface water, groundwater and soil by the effluents from storage areas, including raw materials, chemicals, and wastes?	N
	(3) Wastes	(a) Are wastes (including hazardous wastes and other industrial wastes) generated from the project facilities properly treated and disposed of in accordance with the country's regulations?	N
		(b) Are adequate measures taken to prevent contamination of soil and groundwater by leachates from the waste storage/disposal sites?	N
	(4) Noise and Vibration	(a) Do noise and vibrations comply with the country's standards?	N
	(5) Subsidence	(a) In the case of extraction of a large volume of groundwater, is there a possibility that the extraction of groundwater will cause subsidence?	N
	(6) Odor	(a) Are there any odor sources? Are adequate odor control measures taken?	N
	(7) Riverbed Sediment	(a) Sediment collection in presence of S1A team members/staff?	Y
		(b) Samples sent to the laboratory within 12 hours?	Y
		(c) If sample results showed presence of heavy metal, treatment measures like separate compartment for disposal of dredged material taken by the Contractor	N
	(8) Groundwater	Samples collected and analyzed	N
3. Natural Environment	(1) Protected Areas	(a) Is the project site located in protected areas designated by the country's laws or international treaties and conventions? Is there a possibility that the project will affect the protected areas?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(2) Ecosystem/Habitat Type	(a) Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., Char land, reedland, mangroves, or tidal flats)?	N
		(b) Does the project site encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions?	N
		(c) If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem?	N
		(d) Is there a possibility that the amount of water (e.g., surface water, groundwater) used by the project will adversely affect aquatic environments?	N
		(e) Are adequate measures taken to reduce the impacts on aquatic environments, such as aquatic organisms?	N
	(3) Topography and Geology	(a) Is the stability of the existing topographic conditions adequately considered for alteration of topographic features, such as cut and fill operations?	N
		(b) Is there a possibility that soil runoffs will result from cut and fill areas, waste soil disposal sites, and borrow sites?	N
		(c) Are adequate mitigation measures taken to prevent soil runoffs?	N
		(d) Is there any possibility that the project will erode natural river bank, forshore area, beaches?	N
	(4) Dolphin Observation	(a) Exclusive time spent for observing dolphins?	N
	(5) Fish Catch Examination	(a) Fishermen upstream and downstream of dredging site interviewed and catch examined? Types of gears used?	Y
	(6) Flora (Aquatic & Terrestrial)	(a) Flora surveyed around the dredging and dredged material disposal sites	N
	(7) Benthos (Micro and Macro)	(a) Sampling done and analyzed, report submitted	Y
	(8) Phyto- & Zoo-Planktons	(a) Sampling done and analyzed, report submitted	Y
4. Social Environment	(1) Resettlement	(a) Is involuntary resettlement caused by project implementation? If involuntary resettlement is caused, are efforts made to minimize the impacts caused by the resettlement?	N
		(b) Is adequate explanation on compensation and resettlement assistance given to affected people prior to resettlement?	N
		(c) Is the resettlement plan, including compensation with full replacement costs, restoration of livelihoods and living standards developed based on socioeconomic studies on resettlement?	N
		(d) Are the compensations going to be paid prior to the resettlement?	N
		(e) Are the compensation policies prepared in document?	N
		(f) Does the resettlement plan pay particular attention to vulnerable groups or people, including women, children, the elderly, people below the poverty line, ethnic minorities, and indigenous peoples?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(g) Are agreements with the affected people obtained prior to resettlement?	N
		(h) Is the organizational framework established to properly implement resettlement? Are the capacity and budget secured to implement the plan?	N
		(i) Are any plans developed to monitor the impacts of resettlement?	N
		(j) Is the grievance redress mechanism established?	N
	(2) Living and Livelihood	(a) Is there a possibility that the project will adversely affect the living conditions of inhabitants? Are adequate measures considered to reduce the impacts, if necessary?	N
		(b) Is sufficient infrastructure (e.g., hospitals, schools, and roads) available for the project implementation? If the existing infrastructure is insufficient, are any plans developed to construct new infrastructure or improve the existing infrastructure?	N
		(c) Is there a possibility that large vehicles traffic for transportation of materials, such as raw materials and products will have impacts on traffic in the surrounding areas, impede the movement of inhabitants, and cause any risks to pedestrians?	N
		(d) Is there a possibility that diseases, including infectious diseases, such as HIV, will be brought due to the immigration of workers associated with the project? Are adequate considerations given to public health, if necessary?	N
	(3) Heritage	(a) Is there a possibility that the project will damage the local archeological, historical, cultural, and religious heritage sites? Are adequate measures considered to protect these sites in accordance with the country's laws?	N
	(4) Landscape	(a) Is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?	N
	(5) Ethnic Minorities and Indigenous Peoples	(a) Are considerations given to reduce impacts on the culture and lifestyle of ethnic minorities and indigenous peoples?	N
		(b) Are all of the rights of ethnic minorities and indigenous peoples in relation to land and resources respected?	N
	(6) Working Conditions	(a) Is the project proponent not violating any laws and ordinances associated with the working conditions of the country which the project proponent should observe in the project?	N
		(b) Are tangible safety considerations in place for individuals involved in the project, such as the installation of safety equipment which prevents industrial accidents, and management of hazardous materials?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(c) Are intangible measures being planned and implemented for individuals involved in the project, such as the establishment of a safety and health program, and safety training (including traffic safety and public sanitation) for workers etc.?	N
		(d) Are appropriate measures being taken to ensure that security guards involved in the project do not violate safety of other individuals involved, or local residents?	N
5. Others	(1) Impacts during dredging/construction	(a) Are adequate measures considered to reduce impacts during construction (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)?	N
		(b) If construction activities adversely affect the natural environment (ecosystem), are adequate measures considered to reduce the impacts?	N
	(2) Accident Prevention Measures	(a) Does the project have any accident prevention equipment and scheme to store, emit and transport toxic and hazardous materials?	N
	(3) Monitoring	(a) Does the proponent develop and implement monitoring program for the environmental items that are considered to have potential impacts?	N
		(b) What are the items, methods and frequencies of the monitoring program?	N
		(c) Does the proponent establish an adequate monitoring framework (organization, personnel, equipment, and adequate budget to sustain the monitoring framework)?	N
		(d) Are any regulatory requirements pertaining to the monitoring report system identified, such as the format and frequency of reports from the proponent to the regulatory authorities?	N

Table 9: Checklist on Dredging Activities Lot-2 February 2025

Checklist Items			Dredging Activity			Comments/Compliance
			Daily	Monthly	When and As Required	
1	Gauge reading & Water level (WL)		○	○	√	
2	Connectivity with BM & TBM		○	○	√	
3	Study Hydrographic Chart		○	○	√	
4	Fixing Cutting Depth respect to existing WL as per design depth		○	○	√	
5	Checking Dredging Alignment		○	○	√	
6	Checking Dredged Activities as below;					Dredged Activities for the month of February, 2025
	a	Dredging Hours	○	√	○	Total Dredging Hours 370.35hrs Route 05 is 208hrs(Approximately) Excavation by Long boom Excavator. Route 09 is 67:30hrs(Approximately) Route 11 is 95:05hrs(Approximately)
	b	Cutting Length	○	√	○	Total length is 512m Route 05 length 40m Route 09 length 302m Route 11 length 170m

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Checklist Items			Dredging Activity			Comments/Compliance
			Daily	Monthly	When and As Required	
	c	Cutting Depth	○	√	○	Average Cutting Depth for Route 05 is 2m (Ashuganj Cargo Terminal Area), Route 09 is 0.40m & Route 11 is 1.38m
	d	Cutting Width	○	√	○	Cutting Width Route 05 is 20m, Route 09 is 30m & Route 11 is 76m
	e	Dredged Volume	○	√	○	Total Dredged Volume =13706.00 cum Route 05 is 1600.00cum (Approximately) Route 09 is 3561.00cum Route 11 is 8545.00cum
7	Supervising Dredged Material Disposal Area whether the Dykes are designed as per Design		○	√	○	Supervised together with dredging experts during the new dyke construction and it is observed that Dykes are maintained as per Design
8	Supervising Dredged Material Disposal Area whether the Dykes are capable to resist the pressure of disposed materials		○	√	○	It is observed that new dyke boundary wall maintained proper design thickness, slope, layer of compaction, 20m/30m safe distance from river bank.
9	Checking outlet of the compartment		○	√	○	Using 3rs/2nrs of outlet of this compartment
10	Check whether the dykes are being constructed at safe distance from river bank		○	√	○	150m and 200m safe distance from the river bank
11	Check construction of the pipe line whether there is any leakage in the Joints of Floating Pipe/Shore pipe lines		○	√	○	No leakage observed in the Joints of Floating Pipe/Shore pipe lines
12	Check whether dredging work exacting Keeping Safety distance of River side installations like Road/houses/buiding.		○	√	○	It is observed that contractor maintained 100m from safe distance from Road/Houses/building and 20m-30m safe distance maintained from river Bank
13	Check Survey Activities		○	√	○	Monitoring survey starts from 27.02.2025 in route no-11 Gumti (Meghna loop approaching Dautkandi)

Table 10: Grievance Redressal Mechanism (GRM) Checklist, Lot-2 February 2025

Grievance Redressal Mechanism (GRM) Checklist, BRWTP-S1A

SI no.	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
1	Legal and Regulatory Compliance	1	The contractors communicate to all the stakeholders regarding GRM processing and lodging complaints.	○	○	○	√	There are a GRM committee with 5 persons here.
		2	Contact details for lodging grievance easily accessible.	○	○	○	√	
2	Community Engagement	1	Consultations have been conducted with local communities, dredging contractors to collect their input on the GRM design.	○	○	○	√	
		2	The preferences of social customs and cultural sensitivities of the project affected communities taken into consideration.	○	○	○	√	
		3	FGD on GRM with the Project Affected Persons (PAPs)	○	○	○	√	
3	Grievance Channels	1	The multiple accessible channels available for the stakeholders to submit their grievances. (e.g., toll-free hotline, online platform , drop box, post, landline/mobile phone and e-mail).	○	○	○	√	
4	Processing of GFA (Good Faith Agreement)	1	Dyke/Land selection survey.	○	○	√	○	Route no.09 & Route 11
		2	Opinion meeting with land owner along with inform to the contractor and S1A team for justifying land as dyke.	○	○	√	○	
		3	GFA documentation collection.	○	○	√	○	
		4	GFA will be submitted to S1A.	○	○	√	○	
		5	FGD on GFA with the Locals	○	○	○	√	

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Grievance Redressal Mechanism (GRM) Checklist, BRWTP-SIA

SI no.	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
5	Constitution of GRM Protocol	1	Preparation of GRM Protocol and Greivance Redres Committee (GRC) will be Constituted by the Contractors.	○	○	○	√	
6	Establish a Complaint Box	1	For receive feedback, suggestions and complain letters.	○	○	√	○	There are 3 complain box in site. One box is in office, one box in houseboat and onther is open road site.
7	Establish a Signboard	1	The size (5/15) of Bill board will according the BOQ	○	○	√	○	There is a signboard in front of office.
		2	Name, Mobile number and email of the focal person will be included in the Bill board.	○	○	√	○	Not found/observed at site for all route in lot_2
8	3 (three) tyers of the GRM Comittee will be formed	1	Local level GRC (Committee members 05, quorum fullfill at least 03) -Project related issues.	○	○	○	√	
		2	Contractor level GRC (Committee members 03, quorum fullfill at least 03)- GBV, CoC, Contractors workers occurance etc. related issues.	○	○	○	√	
		3	Project level GRC (Committee members 03, quorum fullfill at least 03)	○	○	○	√	
9	Capacity Building	1	Project staffs and local institutions have received training on the GRM, GBV related issues and its operation.	○	○	○	√	
10	Leaflet/ Brochure	1	The Leaflet/ Brochure will be published for dissemination to all the stakeholders.	○	○	○	√	There is no leaf let in the site.
11	Monitoring, Reporting & documentation	1	The regular reports generated to document the number, nature, and resolution of grievances (Registration Book, Resolution book / Decision book & Closing book)	○	○	√	○	Route no.09
12	Social Consultation	1	Local Community	○	○	√	○	Route no.09
		2	Land Owner	○	○	√	○	Route no.09
		3	Local Government Authority	○	○	○	√	no
13	Gender-Based Violence (GBV)	1	Sex Violence by an intimate partner	○	○	○	√	None of these has been found/observed for the month of February, 2025
		2	Sexual violence by a non-peer	○	○	○	√	
		3	Child sexual abuse & forced marriage	○	○	○	√	
		4	Sexual exploitation & abuse	○	○	○	√	
		5	Sexual harassment	○	○	○	√	
		6	In case of emergency, the local level GRC will address the matter within 04 - 12 hours.	○	○	○	√	When required

Checklists, Lot-3

Table 11: Checklist on Dredging Activities Lot-3, February 2025

Checklist Items		Dredging Activity			Comments/Compliance
		Daily	Monthly	When and As Required	
1	Gauge reading & Water level (WL)	○	○	√	
2	Connectivity with BM & TBM	○	○	√	
3	Study Hydrographic Chart	○	○	√	
4	Fixing Cutting Depth respect to existing WL as per design depth	○	○	√	
5	Checking Dredging Alignment	○	○	√	
6	Checking Dredged Activities as below;				Dredged Activities for the month of February, 2025
a	Dredging Hours	○	√	○	Total Dredging Hours 279.05 hrs (Route 21 is 78.15 hrs, Route 16 is 54.40 hrs & Route 13 is 146.50hrs)
b	Cutting Length	○	√	○	Total length is 749 m Route 21 length 391 m Route 13 length 930 m Route 16 length 210 m
c	Cutting Depth	○	√	○	Average Cutting Depth for Route 21 is 1.5m, route 13 is 2.9m and route 16 is 0.00m
d	Cutting Width	○	√	○	Cutting Width Route 21 ,13, 16 is 76m
e	Dredged Volume	○	√	○	Total Dredged Volume 54113.00 cum (Route 21 is 22416.00 cum, Route 13 is 15700.00cum & Route 16 is 15997.00 cum)
7	Supervising Dredged Material Disposal Area whether the Dykes are designed as per Design	○	√	○	Supervised together with dredging experts during the new dyke construction and it is observed that Dykes are maintained as per Design
8	Supervising Dredged Material Disposal Area whether the Dykes are capable to resist the pressure of disposed materials	○	√	○	It's observed that new dyke boundary wall maintained proper design thickness, slope, layer of compaction, 20m/30m safe distance from river bank.
9	Checking outlet of the compartment	○	√	○	Using 5rs/4nrs of outlet of this compartment
10	Check whether the dykes are being constructed at safe distance from river bank	○	√	○	644m, 1067m, 1343m and 762m ,500m safe distance from the river bank
11	Check construction of the pipe line whether there is any leakage in the Joints of Floating Pipe/Shore pipe lines	○	√	○	No leakage observed in the Joints of Floating Pipe/Shore pipe lines
12	Check whether dredging work exacting Keeping Safety distance of River side installations like Road/houses/buiding.	○	√	○	It is observed that contractor maintained 100m from safe distance from Road/Houses/building and 20m-30m safe distance maintained from river Bank
13	Check Survey Activities	○	√	○	1.Engineering survey work done for lot 3 Route number 21 (Laharhat-Bheduriya) on dated 02.02.2025 2.Engineering survey work done for lot 3 Route number 13 (Laharhat-Bheduriya) on dated 11.02.2025 3.Engineering survey work done for lot 3 Route number 21 (Laharhat-Bheduriya) and Route number 16 (Patarhat-Bheduriya) on dated 12.02.2025 4.Hydrographic Post Survey work at Route number 21 (Laharhat-Bheduria) on dated.27.02.2025 to 28.02.2025

Table 12: Checklist on ESHS Activities Lot-3 February 2025

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
1. Permits and Explanation	1	EIA and Environmental Permits	○	○	√	
	2	Explanation to the Local Stakeholders	○	○	√	

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
	3	Signboards, Notice Boards	○	○	√	Not found/observed at site for all route in lot_3
2. Physical Environmental Parameters Monitoring	1	Air Quality	○	√	○	Test done for Route no. 12 & 13 only on dated 23.02.2025; 24.02.2025 & 25.02.25
	2	Surface Water Quality	○	√	○	
	3	Solid Wastes	○	√	○	
	4	Liquid Wastes	○	√	○	
	5	Soil Contamination	○	√	○	
	6	Noise and Vibration	○	√	○	
	7	Underwater Noise	○	√	○	
	8	Odor	○	√	○	
	9	Riverbed Sediment	○	√	○	
	10	Groundwater	○	√	○	
3. Natural Environment	1	Protected Areas	○	√	○	Test done for Route no. 12 & 13 only on dated 23.02.2025; 24.02.2025 & 25.02.25
	2	Habitat Type	○	√	○	
	3	Hydrology	○	√	○	
	4	Topography and Geology	○	√	○	
	5	Dolphin Observation	○	√	○	
	6	Fish Catch Examination	○	√	○	
	7	Flora (Aquatic & Terrestrial)	○	√	○	
	8	Benthos (Micro & Macro)	○	√	○	
	9	Phyto- & Zoo-planktons	○	√	○	
4. Social Environment	1	Resettlement	○	○	√	
	2	Living and Livelihood	○	○	√	
	3	Heritage	○	○	√	
	4	Landscape	○	○	√	
	5	Ethnic Minorities and Indigenous Peoples	○	○	√	
5. Occupational Health Safety	1	Work Permit/Contract	○	○	√	
	2	Daily Toolbox Meeting - OHS	○	○	√	
	3	Working Conditions	○	√	○	Fair
	4	Impact/Precaution during Dredging	○	○	√	Not any major issue observed
	5	Accident Prevention Measures	○	√	○	not found
	6	Working Condition	√	○	○	Fair
	7	Accommodation	√	○	○	House Boat
	8	Personal Protection Equipment	√	○	○	Safety helmet, Safety vest, safety shoes, Hand gloves etc store at site but do not wear or maintain properly
	9	Drinking Water	√	○	○	Freshwater daily collect from tube well of near by village
	10	Sanitary Condition	√	○	○	Good arrangement kept in House boat
6. Dredged Material Disposal Area	1	Agreement with Land Owner	○	○	√	Process ongoing
	2	Land Use Type	○	√	○	Once or twice cultivated land in a year and also some non cultivated fellow land
	3	Dyke Design Approval	○	√	○	Dyke no. 23 for route 21 construction.
	4	Dyke Setback Distance	○	√	○	500m safe distance from the river bank
	5	Disposal Area Dyke Height	○	√	○	Height 2.5m (avg) for Route no.21, Height 2.0m for Route no.16 and Height 1.8m for Route no.13

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
	6	Dyke Strengthened/Material Used*	○	○	√	When required then used
7. Dredger	1	Carbon Emission	○	○	√	Very low by dredgers
	2	Leakage	○	○	√	Not observed or not found in lot 3
	3	Oil Spill	○	○	√	Visibly very less observed from dredgers and oil tanker
	4	Onboard Waste Management	○	○	√	Not satisfactory or poor management
	5	Noise and Vibration	○	○	√	Very low by dredgers

Table 13: Environmental Monitoring Checklist, Lot-3 February, 2025

Category	Environmental Item	Main Check Items	Yes: Y No: N
1. Permits and Explanation	(1) EIA and Environmental Permits	(a) Have EIA reports been already prepared in official process?	Y
		(b) Have EIA reports been approved by authorities of the host country's government?	Y
		(c) Have EIA reports been unconditionally approved? If conditions are imposed on the approval of EIA reports, are the conditions satisfied?	Y
		(d) In addition to the above approvals, have other required environmental permits been obtained from the appropriate regulatory authorities of the host country's government?	Y
	(2) Explanation to the Local Stakeholders	(a) Have contents of the project and the potential impacts been adequately explained to the Local stakeholders based on appropriate procedures, including information disclosure? Is understanding obtained from the Local stakeholders?	Y
	(3) Examination of Alternatives	(a) Have alternative plans of the project been examined with social and environmental considerations?	Y
2. Physical Environmental Parameters Monitoring	(1) Air Quality	(a) Do air pollutants, such as sulfur oxides (SOx), nitrogen oxides (NOx), soot and dust emitted from the ships, vehicles and the facilities like does comply with the country's emission standards? Are any mitigating measures taken?	Y

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(2) Water Quality	(a) Do pollutants, such as Suspended Solids (SS), oils/fats and other toxicants contained in effluents comply with the country's effluent standards (BOD, COD, ph, etc)? Is there a possibility that the effluents from the project will cause areas not to comply with the country's ambient water quality standards?	Y
		(b) Are adequate measures taken to prevent contamination of surface water, groundwater and soil by the effluents from storage areas, including raw materials, chemicals, and wastes?	N
	(3) Wastes	(a) Are wastes (including hazardous wastes and other industrial wastes) generated from the project facilities properly treated and disposed of in accordance with the country's regulations?	N
		(b) Are adequate measures taken to prevent contamination of soil and groundwater by leachates from the waste storage/disposal sites?	N
	(4) Noise and Vibration	(a) Do noise and vibrations comply with the country's standards?	Y
	(5) Subsidence	(a) In the case of extraction of a large volume of groundwater, is there a possibility that the extraction of groundwater will cause subsidence?	N
	(6) Odor	(a) Are there any odor sources? Are adequate odor control measures taken?	N
	(7) Riverbed Sediment	(a) Sediment collection in presence of SIA team members/staff?	Y
		(b) Samples sent to the laboratory within 12 hours?	Y
		(c) If sample results showed presence of heavy metal, treatment measures like separate compartment for disposal of dredged material taken by the Contractor	N
	(8) Groundwater	Samples collected and analyzed	N
3. Natural Environment	(1) Protected Areas	(a) Is the project site located in protected areas designated by the country's laws or international treaties and conventions? Is there a possibility that the project will affect the protected areas?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(2) Ecosystem/Habitat Type	(a) Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., Char land, reedland, mangroves, or tidal flats)?	N
		(b) Does the project site encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions?	N
		(c) If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem?	N
		(d) Is there a possibility that the amount of water (e.g., surface water, groundwater) used by the project will adversely affect aquatic environments?	N
		(e) Are adequate measures taken to reduce the impacts on aquatic environments, such as aquatic organisms?	N
	(3) Topography and Geology	(a) Is the stability of the existing topographic conditions adequately considered for alteration of topographic features, such as cut and fill operations?	N
		(b) Is there a possibility that soil runoffs will result from cut and fill areas, waste soil disposal sites, and borrow sites?	N
		(c) Are adequate mitigation measures taken to prevent soil runoffs?	N
		(d) Is there any possibility that the project will erode natural river bank, forshore area, beaches?	N
	(4) Dolphin Observation	(a) Exclusive time spent for observing dolphins?	Y
	(5) Fish Catch Examination	(a) Fishermen upstream and downstream of dredging site interviewed and catch examined? Types of gears used?	Y
	(6) Flora (Aquatic & Terrestrial)	(a) Flora surveyed around the dredging and dredged material disposal sites	N
	(7) Benthos (Micro and Macro)	(a) Sampling done and analyzed, report submitted	Y
	(8) Phyto- & Zoo-Planktons	(a) Sampling done and analyzed, report submitted	Y
4. Social Environment	(1) Resettlement	(a) Is involuntary resettlement caused by project implementation? If involuntary resettlement is caused, are efforts made to minimize the impacts caused by the resettlement?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(b) Is adequate explanation on compensation and resettlement assistance given to affected people prior to resettlement?	N
		(c) Is the resettlement plan, including compensation with full replacement costs, restoration of livelihoods and living standards developed based on socioeconomic studies on resettlement?	N
		(d) Are the compensations going to be paid prior to the resettlement?	N
		(e) Are the compensation policies prepared in document?	N
		(f) Does the resettlement plan pay particular attention to vulnerable groups or people, including women, children, the elderly, people below the poverty line, ethnic minorities, and indigenous peoples?	N
		(g) Are agreements with the affected people obtained prior to resettlement?	N
		(h) Is the organizational framework established to properly implement resettlement? Are the capacity and budget secured to implement the plan?	N
		(i) Are any plans developed to monitor the impacts of resettlement?	N
		(j) Is the grievance redress mechanism established?	N
	(2) Living and Livelihood	(a) Is there a possibility that the project will adversely affect the living conditions of inhabitants? Are adequate measures considered to reduce the impacts, if necessary?	N
		(b) Is sufficient infrastructure (e.g., hospitals, schools, and roads) available for the project implementation? If the existing infrastructure is insufficient, are any plans developed to construct new infrastructure or improve the existing infrastructure?	N
		(c) Is there a possibility that large vehicles traffic for transportation of materials, such as raw materials and products will have impacts on traffic in the surrounding areas, impede the movement of inhabitants, and cause any risks to pedestrians?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(d) Is there a possibility that diseases, including infectious diseases, such as HIV, will be brought due to the immigration of workers associated with the project? Are adequate considerations given to public health, if necessary?	N
	(3) Heritage	(a) Is there a possibility that the project will damage the local archeological, historical, cultural, and religious heritage sites? Are adequate measures considered to protect these sites in accordance with the country's laws?	N
	(4) Landscape	(a) Is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?	N
	(5) Ethnic Minorities and Indigenous Peoples	(a) Are considerations given to reduce impacts on the culture and lifestyle of ethnic minorities and indigenous peoples?	N
		(b) Are all of the rights of ethnic minorities and indigenous peoples in relation to land and resources respected?	N
	(6) Working Conditions	(a) Is the project proponent not violating any laws and ordinances associated with the working conditions of the country which the project proponent should observe in the project?	N
		(b) Are tangible safety considerations in place for individuals involved in the project, such as the installation of safety equipment which prevents industrial accidents, and management of hazardous materials?	N
		(c) Are intangible measures being planned and implemented for individuals involved in the project, such as the establishment of a safety and health program, and safety training (including traffic safety and public sanitation) for workers etc.?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(d) Are appropriate measures being taken to ensure that security guards involved in the project do not violate safety of other individuals involved, or local residents?	N
5. Others	(1) Impacts during dredging/construction	(a) Are adequate measures considered to reduce impacts during construction (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)?	N
		(b) If construction activities adversely affect the natural environment (ecosystem), are adequate measures considered to reduce the impacts?	N
	(2) Accident Prevention Measures	(a) Does the project have any accident prevention equipment and scheme to store, emit and transport toxic and hazardous materials?	N
	(3) Monitoring	(a) Does the proponent develop and implement monitoring program for the environmental items that are considered to have potential impacts?	N
		(b) What are the items, methods and frequencies of the monitoring program?	N
		(c) Does the proponent establish an adequate monitoring framework (organization, personnel, equipment, and adequate budget to sustain the monitoring framework)?	N
		(d) Are any regulatory requirements pertaining to the monitoring report system identified, such as the format and frequency of reports from the proponent to the regulatory authorities?	N

Table 14: Grievance Redressal Mechanism (GRM) Checklist, Lot-3 February 2025

GRM Checklist, BRWTP-SIA

Sl no.	Factors	Checklist Items	Dredging Activity				Comments/Compliance
			Daily	Weekly	Monthly	Quarterly	
1	Legal and Regulatory Compliance	1 The contractors communicate to all the stakeholders regarding GRM processing and lodging complaints.	○	○	○	√	
		2 Contact details for lodging grievance easily accessible.	○	○	○	√	
2	Community Engagement	1 Consultations have been conducted with local communities, dredging contractors to collect their input on	○	○	○	√	

GRM Checklist, BRWTP-SIA

Sl no.	Factors	Checklist Items	Dredging Activity				Comments/Compliance
			Daily	Weekly	Monthly	Quarterly	
		the GRM design.					
		2 The preferences of social customs and cultural sensitivities of the project affected communities taken into consideration.	○	○	○	√	
		3 FGD on GRM with the Project Affected Persons (PAPs)	○	○	○	√	
3	Grievance Channels	1 The multiple accessible channels available for the stakeholders to submit their grievances. (e.g., toll-free hotline, online platform , drop box, post, landline/mobile phone and e-mail).	○	○	○	√	
4	Processing of GFA (Good Faith Agreement)	1 Dyke/Land selection survey.	○	○	√	○	Route no.21; Route no. 13 & Route no. 16
		2 Opinion meeting with land owner along with inform to the contractor and SIA team for justifying land as dyke.	○	○	√	○	
		3 GFA documentation collection.	○	○	√	○	
		4 GFA will be submitted to SIA.	○	○	√	○	
		5 FGD on GFA with the Locals	○	○	○	√	
5	Constitution of GRM Committee	1 Preparation of GRM Committee Constitution by the Contractors.	○	○	○	√	
6	Establish a Complaint Box	1 Nos. of Feedback, concerned, suggestions and complain letters.	○	○	√	○	Not found/observed at site for all route in lot_3
7	Establish a Signboard	1 The size (5/15) of Bill board will according the BOQ	○	○	√	○	Not found/observed at site for all route in lot_3
		2 Name, Mobile number and email of the focal person will be included in the Bill board.	○	○	√	○	Not found/observed at site for all route in lot_3
8	3 (three) tiers of the GRM Committee will be formed	1 Local level GRC [In a five (5) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
		2 Contractor level GRC [In a five (3) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
		3 Project level GRC [In a five (3) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
9	Capacity Building	1 Project staffs and local institutions have received training on the GRM and its operation.	○	○	○	√	
10	Leaflet/ Brochure	1 The Leaflet/ Brochure will be published for dissemination to all the stakeholders.	○	○	○	√	

GRM Checklist, BRWTP-SIA

Sl no.	Factors	Checklist Items	Dredging Activity				Comments/Compliance
			Daily	Weekly	Monthly	Quarterly	
11	Monitoring, Reporting & documentation	1 The regular reports generated to document the number, nature, and resolution of grievances (Registration Book, Resolution book or Decision book & Closing book)	○	○	√	○	Route no.21, 16 & 13
12	Social Consultation	1 Local Community	○	○	√	○	Route no.21, 16 & 13
		2 Land Owner	○	○	√	○	Route no.21, 16 & 13
		3 Local Government Authority	○	○	○	√	no
13	Gender-Based Violence (GBV)	1 Sex Violence by an intimate partner	○	○	○	√	None of these has been found/observed for the month of February, 2025
		2 Sexual violence by a non-peer	○	○	○	√	
		3 Child sexual abuse& forced marriage	○	○	○	√	
		4 Sexual exploitation & abuse	○	○	○	√	
		5 Sexual harassment	○	○	○	√	
		6 In case of emergency, the local level GRC will address the matter within 4 -12 hours.	○	○	○	√	When required