



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

Bangladesh Inland Water Transport Authority (BIWTA)

The World Bank



# MONTHLY PROGRESS REPORT MAY 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**



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## EXECUTIVE SUMMARY

### Background

The Bangladesh Regional Waterway Transport Project-1 (BRWTP-1), supported by the World Bank, aims to enhance the navigability and sustainability of the Dhaka-Chittagong corridor's river routes through capital and maintenance dredging. The Bangladesh Inland Water Transport Authority (BIWTA) is implementing the project under the Ministry of Shipping. Supervision and monitoring are being carried out by the S1A Consultant (JPZ-DEMAS-JCL) since December 2022, under Output and Performance-Based Contracts (OPBC).

The dredging works are divided into two major Lots:

- **Lot-2**, awarded to **GULF-COBLA-KARNAFULY JV**, covers **Routes 3&4, 5, 6, 7&8, 9, 10, and 11**.
- **Lot-3**, awarded to **DHARTI-BANGA JV**, covers **Routes 12, 13, 13a, 15, 16, 17, and 21**.

### Progress Highlights during the reporting period May 2025

#### Dredging Activities

##### Lot-2

During this reporting period the Lot-2 Contractor was carrying out Cap-II dredging. Out of seven designated routes the total approved BoQ volume for the five routes under Lot-2 of Cap-II is 6,06,413 m<sup>3</sup>. The stipulated completion date for Cap-II is 14 June 2025. During the current reporting month, the contractor executed approximately 64,467 m<sup>3</sup> of dredging on route 9 & 11 comprising the volume of 1840 & 62,626 m<sup>3</sup> respectively, bringing the total cumulative progress to 1,45,560 m<sup>3</sup> - which accounts for only 24% of the revised BoQ volume. The performance in Lot-2 remains very poor.

The key reasons for this poor progress include the deployment of unworkable dredgers, poor workmanship, nonappearance of Key Experts, inadequate skilled technicians, and the failure to deploy the required number of functional dredgers. Despite repeated requests and follow-ups by the Senior Secretary of the Ministry of Shipping, the Task Team Leader of the World Bank, the Project Director of PIU, BIWTA, and the BRWTP-S1A Consultant, the contractor has failed to improve their performance.

Given the current situation, the PIU has proposed, as advised by the Senior Secretary, Ministry of Shipping, Task Team Leader of the World Bank and BIWTA officials, the Lot-2 Contractor to exclude route 6 & 9 from the contractual scope of work, so that they can accommodate to complete remaining volume of dredging under Cap-II within the stipulated time. Route-9 has a BoQ volume of 2,08,837 m<sup>3</sup> and Route-6 accounts for 72,912 m<sup>3</sup>. Once these are deducted, the revised dredging volume will stand at 3,29,290 m<sup>3</sup> which represents 54.3% of the revised total BoQ volume of the remaining three (R-5, R-7&8 and R-11) routes under Lot-2. It is worth noting that approximately 4,626 m<sup>3</sup> of dredging work has already been executed on Route-9 out of 2,08,837 m<sup>3</sup>.

Substantial improvement in the contractor's performance is urgently required. This includes resolving the issues identified above and achieving the expected production targets to ensure the completion of the remaining dredging work within the stipulated time.

### Lot-3

Lot-3 has achieved substantial completion, with a total of 772,982 m<sup>3</sup> dredged out of the approved BoQ volume of 777,715 m<sup>3</sup>, reflecting 99.54% physical progress. Although no dredging activities were carried out during the month of May, the contractor continued to engage in environmental monitoring and compliance assessments as part of their contractual obligations. These activities included the monitoring of water quality parameters, assessment of sedimentation impacts, and adherence to mitigation measures outlined in the Environmental Management Plan (EMP). The ongoing environmental compliance efforts ensure that the project remains aligned with both national regulatory requirements and international environmental standards, as endorsed by the funding agency.

### Environmental and Social Safeguards

**Environmental, Health, and Safety (EHS) Performance** remained satisfactory across both Lots. Air and noise quality were within national standards. No drainage congestion, water pollution, or traffic disruptions occurred.

Fisheries surveys recorded **25 fish and 3 crustacean species** in Lot-2 and **14 fish and 3 crustacean species** in Lot-3, with no fish mortality reported. Observed species included several listed as **Endangered, Vulnerable, and Near Threatened** by IUCN. No sightings of Ganges River Dolphins or freshwater turtles were confirmed.

Routine inspections confirmed the presence of functional fire extinguishers and stocked first aid kits. Riverbed sediment quality and surface water parameters remained within permissible limits, and no grievances were reported during the period. The project maintained full compliance with EHS standards, ensuring minimal environmental impact and operational safety.

### The activities of S1A Consultant during this reporting period

The monitoring hydrographic survey carried out both in Lot-2 and Lot-3.

The International Hydrographic Survey and Mapping Specialist reviewed all joint hydrographic pre- and post-survey data, charts, and invoices under Phase-I for all claims submitted by both the Lot-2 and Lot-3 contractors.

The S1A Consultant visited Route 11 along with the consultant's and contractor's field staff and participated in a meeting with the Task Team Leader and other representatives from the World Bank, PIU, BRWTP-S1A, and the Lot-2 Contractor at the World Bank premises to review the reasons behind the Lot-2 contractor's subpar performance and to provide appropriate recommendations.

Reviewed and forwarded the invoice-12 for dredged volume of Lot-3 Contractor.

Worked and circulated the Monthly, Quarterly and Annual report.

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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

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### 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 <sup>st</sup> December 2022; Duration of Contract 66 months
Date of Commencement	:	6 <sup>th</sup> 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 RIVER BOUNDARY LOT-2

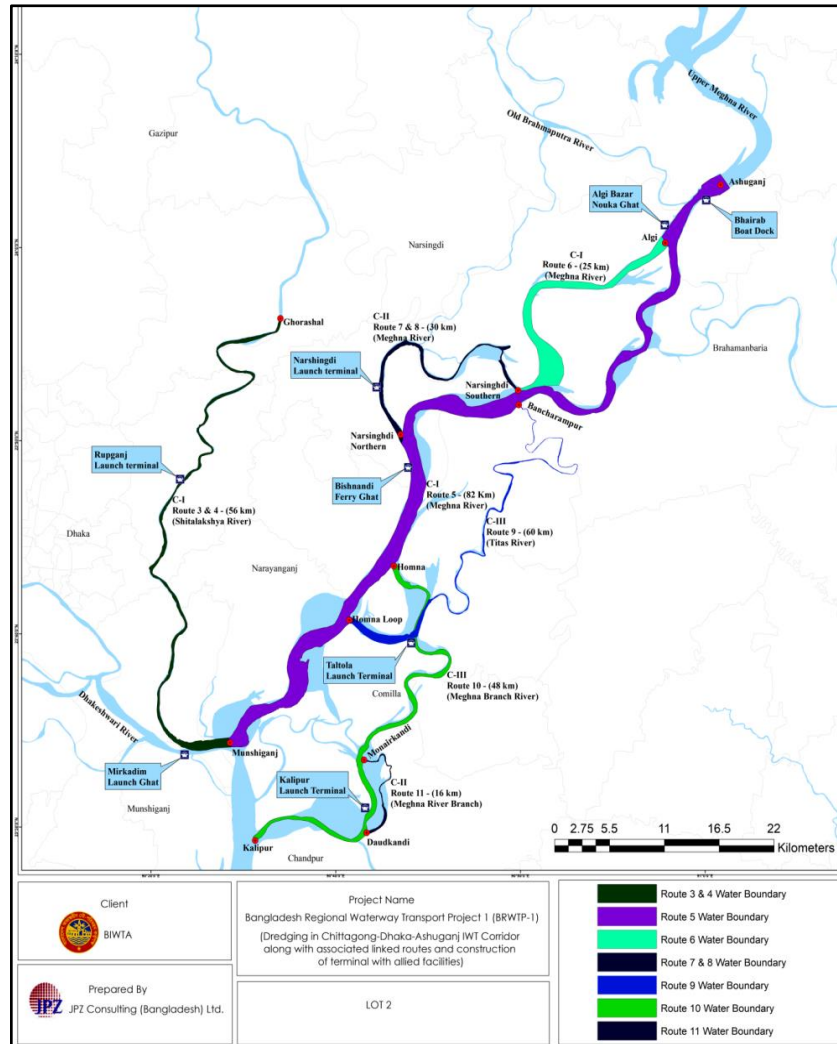


Figure 1: River Boundary Lot-2

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-Daudkandi approach)	48	400	-
II	11	Gumti (Meghna loop approaching Dautkandi)	16	300	1.60
<b>Total</b>			<b>317</b>		<b>28.40</b>



### 1.3 RIVER BOUNDARY LOT-3

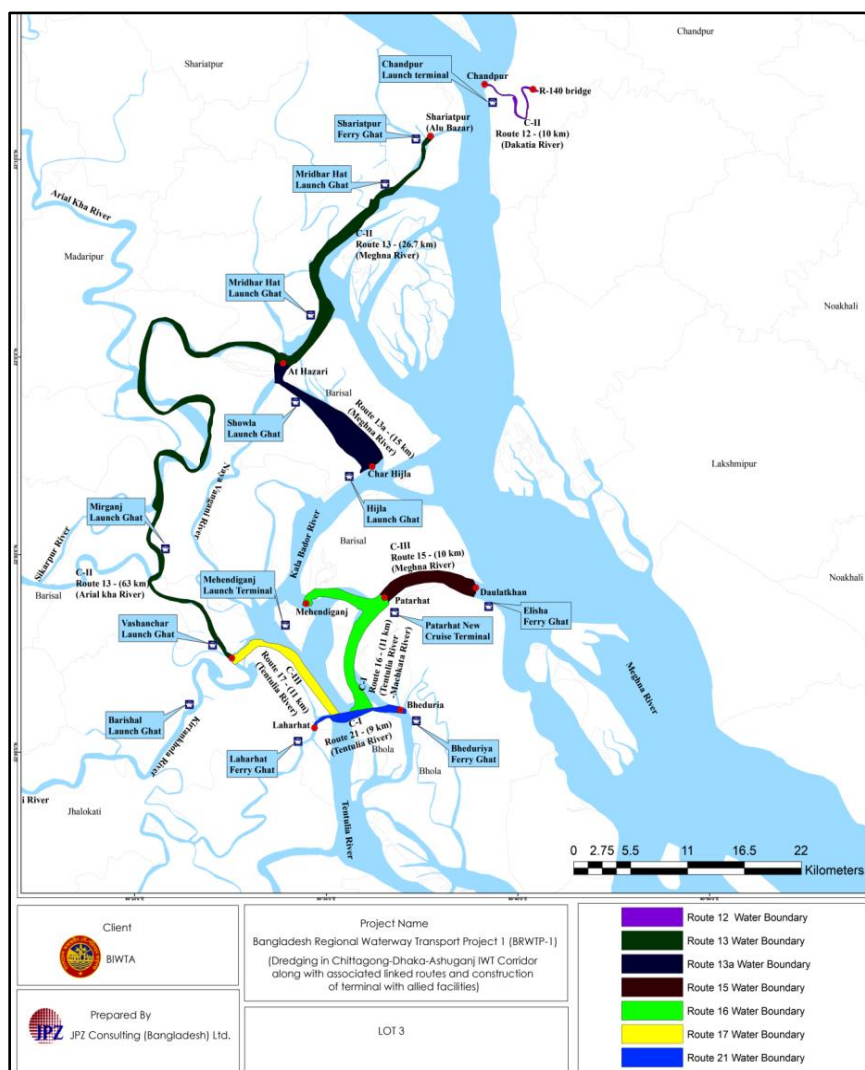


Figure 2: River Boundary, Lot-3

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
		<b>Total</b>	<b>164.3</b>		<b>4.4</b>

## 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 May 2025)

The estimated BoQ volume for capital dredging under Phase II was 606,413 cubic meters. As of May 2025, the total dredging volume completed is approximately 145,560 cubic meters which is approximately 24% of approved BoQ Volume. During this reporting period, dredging activities continued only on Route-09 and Route-11.

*Route-09: Meghna River (Bancharampur–Homna Loop)*

The dredging work along Route-09 began on 10 February 2025, with dredging equipment comprising Sagufta-04 and Kazi & Kazi-01. Dredged materials were disposed of at the designated Dyke R09-D76. Despite initial progress, all operations were halted by the contractor's team starting from 22 May 2025, leading to a complete suspension of dredging activities.

*Route-11: Gomti River (Meghna Loop Approaching Daudkandi)*

Dredging on Route-11 started on 19 February 2025, focusing on the Gomti River stretch approaching Daudkandi from the Meghna loop. The work was executed using multiple dredgers including KSBL-03, KSBL-05, KSBL-07, and Kafela-02.

The dredged material was systematically disposed of at several designated dykes: R11-D010, R11-D0101, R11-D012, R11-D013, R11-D014, R11-D015, and R11-D016, ensuring controlled and environmentally compliant disposal.

**Table 3: Month-wise Dredging Volume at Lot-02 River Routes in Phase II timeframe till May 2025**

Route No.	Volume in Cubic Meter						Dredging Start Date
	25-Jan	25-Feb	25-Mar	25-Apr	May-25	Total	
Route-05, Meghna (Ashuganj to Munshiganj), Ashuganj Cargo Terminal Area.	806	1600	400	0	0	2,806	25/01/2025
Route-09, Meghna (Bancharampur-Homna Loop).	0	3561	0	547	1840	5948	10/2/2025
Route-11, Gumti (Meghna loop approaching Dautkandi)	0	8,545	27,666.58	37,968.40	62,626	136,806	19/02/2025
<b>Total</b>	<b>806</b>	<b>13,706</b>	<b>28,066.58</b>	<b>38,515.40</b>	<b>64,466</b>	<b>145,560</b>	

Source: S1A Field Information

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.

**Table 4: Survey Work Done by S1A Team in the Month of May 2025**

Survey type	Route	Location	Chainage	Date
Monitoring hydrographic survey	Route 03&04	Shitalakshya (Ghorashal to Munshiganj)	Chainage Completed: 0+000 to 59+200	09-May 2025 to 12-May 2025.
	Route 05	Meghna (Ashuganj to Munshiganj)	Chainage Completed: 62+500 to 89+900	30-April 2025 to 02-May 2025.
	Route 10	Meghna (Homna – Daudkandi approach)	Chainage Completed: 0+000 to 49+000	14-May 2025 to 16-May 2025

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

The estimated BoQ volume for capital dredging under Phase II was 777,715 cubic meters. This volume has been agreed upon by the S1A Consultant and the Contractor and approved by the PIU. As of May 2025, the total dredging volume completed is approximately 772,982 cubic meters which is approximately 99.54% of approved BoQ Volume.

**Table 5: Month-wise Dredging Volume at Lot-03 River Routes in Phase II timeframe till May 2025**

Route No.	Volume in Cubic Meter									Dredging Start Date
	24-Oct	24-Nov	24-Dec	25-Jan	25-Feb	25-Mar	25-Apr	25-May	Total	
R-13 (Alubazar–Horina)	-	22,400	28,500	4,700	15,900	Dredging Completed	-	0	71,500	25/11/24
R-16 (Patarhat–Bheduriya)	-	-	-	20,822	15,997	29,828	40,176	61,947	168,770	29/01/25
R-21 (Laharhat–Bheduriya)	74,814	69,686	110,370	25,641	22,416	43,881	123,803	62,101	532,712	10/10/24
<b>Total</b>	<b>74,814</b>	<b>92,086</b>	<b>138,870</b>	<b>51,163</b>	<b>54,313</b>	<b>73,709</b>	<b>163,979</b>	<b>124,048</b>	<b>772,982</b>	<b>Up to May`25</b>

Source: S1A Field Information

**Table 6: Survey Work Done by S1A Team in the Month of May 2025**

Survey work	Route	Location	Chainage	Date
Hydrographic survey work for phase-II Post Interim survey	Route 21	Tetulia (Patarhat to Bheduriya)	Chainage completed: 7+200 to 8+600	1 May, 2025
Monitoring survey		Bighai (Laharhat to Bheduriya)	Chainage completed: 0+000 to 0+600	15 May to 20 May, 2025
Hydrographic survey work for phase-II Post Interim survey	Route 16	Tetulia (Patarhat to Bheduriya)	Chainage completed: 0+000 to 1+000	2 May, 2025
Hydrographic survey work for phase-II Monitoring survey	Route 12	Dakatia (Chandpur-R 140 Bridge)	Chainage completed: 0+000 to 90+500	21 May to 22 May, 2025 & 24 May to 27 May, 2025
Hydrographic survey work for phase-II Monitoring survey	Route 13	Meghna (Athazar-Alubazar-Horina)	Chainage completed: 0+000 to 90+500	21 May to 22 May, 2025 & 24 May to 27 May, 2025
		Meghna (Athazar-Alubazar-Horina)	Chainage completed: 0+000 to 51+000	4 May to 12 May, 2025 & 21 May to 31 May, 2025
Hydrographic survey work for phase-II Monitoring survey	Route 13A	Meghna (Athazar-Alubazar-Horina)	Chainage completed: 0+000 to 12+500	22 May to 24 May, 2025
		Meghna (Char Hizla looping)	Chainage completed: 0+000 to 21+000	12 May to 15 May, 2025 & 27 May to 29 May, 2025
Hydrographic survey work for phase-II Monitoring survey	Route 17	Meghna (Athazar-Alubazar-Horina)	Chainage completed: 0+000 to 11+500	27 May, 2025

Survey work	Route	Location	Chainage	Date
Hydrographic survey work for phase-II Monitoring survey	Route 15	Meghna (Athazar-Alubazar-Horina)	0+000 to 5+200	28 May, 2025

Source: S1A Field Information

### 2.1.1.3 Status Report on Navigational Aids Installation at Dredging Sites during May 2025:

During this reporting period, weekly meetings were conducted with the Project Coordinator (BRWTP-S1A) and the Consultant Team (S1A) to review project progress. All Aids to Navigation installed under Lot 02, which are equipped with a Remote Monitoring System, were found to be functioning satisfactorily.

Notably, on March 29, 2025, the Lot 03 contractor reported damage to two newly installed Lighted Tower Beacons along the Laharhat–Bhedhuria route. Overall, the team remains committed to ensuring the effective operation and maintenance of all installed navigational aids.

### 2.2.2 Environmental Quality Assessment:

The S1A team reviewed the environmental data provided by the Contractors' monitoring team. For this month (May 2025), monthly monitoring was conducted at River Route-9 Meghna (Bancharampur-Homna Loop) and River Route-11 Gumti (Meghna Loop Approaching Daudkandi) under Lot 2, as well as River Route-16 Meghna/Tentulia (Mehendiganj-Bhedhuria) and River Route-21 Tentulia (Bhedhuria -Laharhat) 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 May 2025**

Month	Environmental Variables.	Lot2	Lot-3
		River Name and Sample Collection Location	River Name and Sample Collection Location
May, 2025	Ambient air quality in and around the dredging site	River Route -9 Meghna (Bancharampur-Homna Loop) and  River Route-11 Gumti (Meghna loop approaching Daudkandi)	River Route-16 Meghna/Tentulia (Mehendiganj-Bhedhuria) and  River Route-21 Tentulia (Bhedhuria - Laharhat)
	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.

### 2.2.3 Social and Resettlement Aspects:

#### Lot-2

A total of 94 disposal sites have been identified in the Lot-2 areas up to May 2025. In Phase II, a total of Twenty (20) dikes have been completed and constructed, as detailed in Annex IV.

**Table 5: Dikes Scheduled for Dredging Initiation at Route-09 on May 2025**

Disposal Area	Northing	Easting	Area (approx.)	Height (approx.)	Contain Capacity	Land Type	Distance from RB	Location
<b>R09-D75</b>	2640317	280083	2754 m <sup>2</sup>	2.55 m	6367 m <sup>3</sup>	One Crop Cultivable land.	130-meter offset	Borikandi, Nobinagar, Brahmanbaria
	2640370	280142						
	2640340	280163						
	2640293	280093						
<b>R09-D76</b>	2636461	280579	1393.75 m <sup>2</sup>	1.9 m	2648.125 m <sup>3</sup>	One Crop Cultivable land.	50-meter offset	Bisnorampur Bancharampur Brahmanbaria
	2636462	280568						
	2636442	280551						
	2636418	280551						
			<b>4147.8 m<sup>2</sup></b>	<b>4.5 m</b>	<b>9015.13 m<sup>3</sup></b>			

Source: S1A Field Information

### Lot-3

A total of 36 disposal sites have been identified in the Lot 3 areas up to May 2025. During the Phase-II reporting period, a total of Thirteen (13) disposal sites have been identified in Lot 3 areas, as detailed in Annex IV.

#### 2.2.3.1 Land Acquisition/Requisition/Charity for Dike Location Selection:

Information about river dredging, dredged material disposal, and land-related matters has been shared with the public through consultation meetings held in local bazaars, villages, schools, Union Councils, and Upazila Parishads. According to observations from the S1A expert, dike management during the first phase has not been satisfactory. Lessons learned from the management of dredged material and dikes have been addressed more carefully, especially considering environmental and social aspects. On the other hand, private land utilization through GFA has been more satisfactory. However, for the utilization of government fallow land, the PIU has initiated correspondence with the competent authority of the Government of Bangladesh.

#### 2.2.3.2 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. The table below shows the details of the consultations.

**Table 9: Interaction with Clients/Contractors and Other Stakeholders (May 2025)**

Serial No	Date	Activity	Route name & Route number	Remarks
1	04.05.2025	Meeting on Application of sand requisition at Bancharampur Upazila, Brahmanbaria.	Route-09- Meghna (Bancharampur-Homna Loop). Lot2	Upazila Nirbahi Officer, Land owners and BRWTP-S1A team
2	07.05.2025	Progress and Coordination Meeting on Lot-2 Contractor's activities at Planning Commission IMED, Agargaon, Dhaka	All Routes of Lot-2 Contractors Area	Kabir Ahamed, Chief, Physical Infrastructure Division and IMED Planning Commission, BRWTP-S1A Team leader and Consultants. Lot-2 Contractor's representatives.
3	09.05.2025	Dredging work progress meeting at Upazila Office.	Route 21(Laharhat-Bheduria)	XEN, BRWTP-S1A Field Team members. Lot-3 Contractor's representatives.
4	10.05.2025	Progress Meeting on all dredging	Route 21(Laharhat-	BIWTA Chairman and PD of PIU

Serial No	Date	Activity	Route name & Route number	Remarks
		activities of Lot-3 sites	Bheduria)	and, PIU personnel
5	11.05.2025	Progress Meeting on all dredging activities of Lot-2 sites	Route 11-Gumti (Meghna loop approaching Dautkandi)	BRWTP-S1A Consultants, PIU & Contractor Representatives
6	14.05.2025	Progress and Monitoring Meeting on all dredging activities of Lot-2 sites	World Bank Office. Agargaon, Dhaka.	WB, PIU, BRWTP-S1A Consultants, & Contractor Representatives
7	25.05.2025	Coordination Meeting on overall upgrade on Phase-II dredging activities	BRWTP-S1A Office, Motijheel, Dhaka.	PIU and BRWTP-S1A Consultants
8	25.05.2025	A meeting was held with the UNO of Daudkandi, Cumilla, to discuss the progress of Safeguard issues of the ongoing dredging activities.	Route-11 Gumti (Meghna loop approaching Dautkandi).	Head of the Safeguard Cell, the Environmental Expert of the PIU the BRWTP- S17 and BRWTP-S1A Consultant representatives, Lot_2 Contractor personnel
9	27.05.2025	Meeting with Upazila Nirbahi Officer and AC Land officer on land selection for disposing the dredged Material of Route-11	Gumti(Meghna loop approaching Dautkandi).	Port Officer (BIWTA), PIU engineer (Mamun Khan) BRWTP-S1A Field Staff

### 2.2.3.3 Field activities and Visits, BRWTP-S1A (April 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-III.

### 2.2.3.4 Grievance Redressal Mechanism (GRM), May 2025:

Two Grievance Redress Committees (GRCs) have been established in the Lot-2 and Lot-3 project areas. Each location has one committee for addressing site-specific/local-level issues and another dedicated to handling contractor-level concerns, including gender-based violence (GBV).

Contractors, with support from S1A, conducted regular consultations with local communities to raise awareness about available grievance reporting mechanisms. Grievance boxes were placed at project offices and dredging sites to collect written complaints, and hotline numbers were also provided for immediate contact. Notably, during the month of May 2025, no formal complaints were submitted. However, S1A consultants remain actively engaged in monitoring and addressing any potential or emerging local grievances through continuous field-level communication and collaboration with local administration.

Below is a brief account of a local grievance that disrupted dredging activities on Route-11 (Daudkandi, Cumilla) in the Lot-2 area. This case demonstrates an effective example of a proactive Grievance Redress Mechanism. The concerns raised by the local community were addressed promptly through multi-stakeholder dialogue, technical verification, and negotiated adjustments to dredging operations. Continued coordination and community monitoring are recommended to ensure sustainability and prevent future conflicts.



### Project Area: Lot-02

Route-11 (Daudkandi, Cumilla)

Date of Incident: May 14, 2025

### Background

On Wednesday, May 14, 2025, local residents of Route-11 in Daudkandi, Cumilla raised concerns over ongoing river dredging by the dredgers Kafela-02 and Karnaphuli-05 under Lot-02. At 11:00 AM, they organized a human chain and press conference, demanding to halt the work concerning riverbank erosion and damages to the agricultural land.

#### Key Concerns Raised by Community:

- Dredging was reportedly taking place too close to the riverbank.
- Threats of soil erosion and damage to croplands.
- Lack of prior consultation and communication with affected residents.

### Immediate Response and Initial Redressal Actions

Upon receiving information about the protest, Upazila Nirbahi Officer (UNO) Ms. Naima Islam took swift action by issuing immediate instructions over phone to investigate the matter.

Assistant Land Commissioner Mr. Redowan was directed to carry out a field investigation. Union Assistant Land Officer (North) Mr. Jamal Uddin was instructed to retrieve CS records and cadastral maps for verification. By 2:30 PM, local representative Mr. Nazmul Sarkar, accompanied by affected farmers, conducted a site inspection. Following stakeholder consultation, a decision was made to maintain a minimum 50-foot buffer from the riverbank for dredging operations.

### Temporary Suspension of Activities

On Thursday, May 15, 2025, at 11:40 PM, UNO Naima Islam issued a *WhatsApp* directive suspending all dredging operations in the affected area until further notice, to prevent escalation and allow time for formal dialogue.



Figure 3: Farmers of Hasnabad and Charcharua villages in the North Daudkandi Union protested against the alleged dredging activities in the Gumti Branch River, which involved the cutting of agricultural land. And Stakeholder meeting at the Upazila Conference Room



## Resolution Process

On Saturday, May 17, 2025, a human chain was scheduled at Kerosene Ghat. However, in the interest of peaceful resolution, the UNO cancelled the demonstration and instead convened a stakeholder meeting at the Upazila Conference Room. The meeting was attended by local representatives, farmers and affected residents and administrative officials. All parties agreed to suspend protest actions and proceed with dialogue.

## Final Resolution and Agreed Measures

### *Dredging Limits*

- Dredging must maintain a minimum 50 feet distance from the riverbank.
- In case of any signs of erosion, the buffer will be extended to 60 feet for precautionary safety.

### *Future Risk Mitigation*

- Any future erosion or threat during or after dredging must be immediately reported to both BIWTA and local administration.
- Regular site monitoring will be conducted by community members and local officials.

## Resumption of Work

Following consensus, dredging activities were officially resumed at 1:30 PM on May 17, 2025, with all parties present.

### *Roles and Responsibilities*

Stakeholder	Role & Responsibility
UNO Naeema Islam	Lead coordinator; directive issuance and stakeholder engagement
Assistant Land Commissioner Redowan	Field investigation and verification
Union Land Officer Jamal Uddin	Map and land record retrieval
Local Representative Mr. Nazmul Sarkar	Representation of community concerns and monitoring
BIWTA	Technical supervision; erosion prevention guidance
Local Farmers and Residents	Compliance with guidelines; monitoring of dredging and erosion risks

### 2.2.3.5 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.

### 2.2.3.6 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 were 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 11: ESHS Status at a Glance in May 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 the tube wells of nearby villages	Accessible. Freshwater is collected daily from the tube wells of nearby villages
	Toilet facilities	Good	Good
Workers' Conditions 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 this month	Not Applicable this month
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., were observed at the site. But not adequate. Not all workers were using PPEs.	Available at the 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 from 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:**

The estimated BoQ volume for capital dredging under Phase II was 606,413 cubic meters. This volume has been agreed upon by the S1A Consultant and the Contractor, and approved by the PIU. As of May 2025, the total dredging volume completed is approximately 145,560 cubic meters which is approximately 24% of approved BoQ Volume. During this reporting period, dredging activities continued only on Route-09 and Route-11.

#### *Route-09: Meghna River (Bancharampur–Homna Loop)*

The dredging work along Route-09 began on 10 February 2025, with dredging equipment comprising Sagufta-04 and Kazi & Kazi-01. Dredged materials were disposed of at the designated Dyke R09-D76. Despite initial progress, all operations were halted by the contractor's team starting from 22 May 2025, leading to a complete suspension of dredging activities.

#### *Route-11: Gomti River (Meghna Loop Approaching Daudkandi)*

Dredging on Route-11 started on 19 February 2025, focusing on the Gomti River stretch approaching Daudkandi from the Meghna loop. The work was executed using multiple dredgers including KSBL-03, KSBL-05, KSBL-07, and Kafela-02.

The dredged material was systematically disposed of at several designated dykes: R11-D010, R11-D0101, R11-D012, R11-D013, R11-D014, R11-D015, and R11-D016, ensuring controlled and environmentally compliant disposal.

### **2.2.2 Environmental Quality Assessment of Lot-2 Sites:**

Dredging activities were carried out at Daudkandi (Route 11) and Salimganj (Route 09), with no significant air or noise pollution observed. Ambient air quality parameters (PM10, PM2.5, SPM, CO, NO<sub>2</sub>, SO<sub>2</sub>) at all monitoring sites were within national limits. No drainage congestion, water pollution, or traffic-related issues were observed during the reporting period. Active fishing activities were observed, and fisheries surveys recorded 25 fish species and 3 crustacean species along Routes 09 and 11. Among the observed species, 1 was Endangered, 4 Vulnerable, and 3 Near Threatened, as per the IUCN Red List. No visible fish mortality was found, and traditional fishing methods continued uninterrupted. No Ganges River Dolphins or freshwater turtles were observed during the surveys, though rare sightings were reported. Monthly inspections confirmed that all fire extinguishers were functional, and first aid kits were adequately stocked.

### **2.2.3 Social and Resettlement Aspects at Lot-2 Site:**

A total of 90 disposal sites have been identified in Lot-2 areas up to April 2025. In Phase II, a total of Sixteen (16) dikes have been completed and constructed. Detailed charts are provided in Annex IV.

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

### **2.3.1 Development and Maintenance Dredging Works:**

The estimated BoQ volume for capital dredging under Phase II was 777,715 cubic meters. This volume has been agreed upon by the S1A Consultant and the Contractor and approved by the PIU. As of May 2025,

the total dredging volume completed is approximately 772,982 cubic meters which is approximately 99.54% of approved BoQ Volume.

### **2.3.2 Environmental Quality Assessment of Lot-3 Site:**

In Routes 16 and 21, dredging was not conducted this month, but EHS monitoring activities were completed. Fisheries survey on Routes 16 and 21 found 14 fish species and 3 crustaceans, with no mortality or biodiversity impact reported. Underwater noise was attributed mostly to engine boats and launches; levels were measured at three monitoring points. Riverbed sediment samples were collected and analyzed, ensuring sediment quality remained within acceptable conditions. Overall, no negative environmental or safety impacts were identified across Lot-3, confirming compliance with EHS standards. Surface water quality monitoring showed results within Bangladesh national standards, with no specific issues flagged.

### **2.3.3 Social and Resettlement Aspects at Lot-3 Site:**

A total of 35 disposal sites have been identified in the Lot 3 areas up to April 2025. During the Phase-II reporting period, a total of twelve (12) disposal sites have been identified in Lot 3 areas, as detailed in Annex IV.

## **CHAPTER 03:**

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

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#### **3.1 ACHIEVEMENT OF THIS MONTH (May 2025):**

##### **S1A CONSULTANT**

- a) Monitoring hydrographic surveys on Route 3&4, 05 and 10 have been carried out throughout May 2025 under Lot 2.
- b) Joint Post interim survey on Route 16 and 21 have been carried out May 2025 under Lot 3.
- c) Monitoring hydrographic survey on Route 12, 13, 13a, 15 and 17 have been carried out throughout May 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 was ongoing during this reporting month along Route 9 and Route 11.

##### **LOT-3**

- a) Monthly Environmental and Social Activities have been conducted.
- b) Dredging on Route 13 and 21 has been completed.
- c) Dredging for Phase II on the following routes: 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.
- d) Field visits will be carried out by the S1A-ESHS team for both the lots.

##### **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

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### 4.1 CONCLUSION & RECOMMENDATION

As of May 2025, Lot-3 has demonstrated near-complete progress, achieving 99.54% of its BoQ volume, with ongoing compliance in environmental and social safeguards. In contrast, Lot-2 continues to face critical performance issues, completing only 24% of its BoQ volume despite repeated interventions and directives. The exclusion of Route-6 and Route-9 from Lot-2's scope has been proposed to Lot-2 Contractor to refocus efforts on achievable targets within the stipulated timeline.

To ensure timely completion of Cap-II, the Lot-2 contractor must urgently enhance resource deployment, improve technical supervision, and mobilize competent personnel. Additionally, regular field monitoring, strict adherence to ESHS standards, and timely reporting should be enforced across both Lots to maintain quality and compliance. The Consultant and PIU should continue active coordination with stakeholders to mitigate delays and secure community support for uninterrupted execution.



## **CHAPTER 05: ANNEXURE**

## ANNEX I: Photos of Project Activities (May, 2025)

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





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## ANNEX II:

### Observed fish species for the month of May, 2025

#### A checklist of observed fish species from Lot-2 area, River route 9 and 11

Sl. No.	Local Name	Common Name	Scientific Name	Family	Local Status*	Global Status**
<b>Fish Species</b>						
1.	Sal Baim	Zig-Zag Eel	<i>Mastacembelus armatus</i>	Gobiidae	EN	NE
2.	Bele	Tank Goby	<i>Glossogobius giuris</i>	Gobiidae	LC	LC
3.	Chanda	Indian Glassy Fish	<i>Parambasis ranga</i>	Ambassidae	LC	NT
4.	Dahuk	Walking goby	<i>Scartelaos histophorus</i>	Gobiidae	LC	NE
5.	Guchi Baim	Stripped Spiny Eel	<i>Macrogathus pancalus</i>	Mastacembelidae	LC	LC
6.	Gulsha Tengra	Day's Mystus	<i>Mystus bleekeri</i>	Bagridae	LC	LC
7.	Gutum	Guntea loach	<i>Lepidocephalichthys guntea</i>	Mastacembelidae	LC	LC
8.	Jat punti	Spotfin swamp barb	<i>Puntius sophore</i>	Cyprinidae	LC	LC
9.	Kachki	Ganges River Sprat	<i>Corica soborna</i>	Clupeidae	LC	LC
10.	Kankila	Freshwater Garfish	<i>Xenentodon cancila</i>	Belonidae	LC	LC
11.	Khalisha	Thick-lipped Gourami	<i>Trichogaster labiosus</i>	Osphronemidae	LC	LC
12.	Koi	Climbing Perch	<i>Anabas testudineus</i>	Anabantidae	LC	LC
13.	Mola	Mola Carplet	<i>Amblypharyngodon mola</i>	Cyprinidae	LC	LC
14.	Nama Chanda	Elongate Glass-perchlet	<i>Chanda nama</i>	Ambassidae	LC	LC
15.	Shing	Stinging Catfish	<i>Heteropneustes fossilis</i>	Heteropneustidae	LC	LC
16.	Taki	Spotted Snakehead	<i>Channa punctata</i>	Channidae	LC	LC
17.	Dhela	Cotio	<i>Osteobrama cotio</i>	Cyprinidae	NT	LC
18.	Ayre	Long-whiskered Catfish	<i>Sperata aor</i>	Bagridae	VU	LC
19.	Meni	Mud Perch	<i>Nandus nandus</i>	Nandidae	NT	LC
20.	Tara Baim	One-stripe Spinyeel	<i>Macrogathus aculeatus</i>	Mastacembelidae	NT	NE
21.	Boal	Freshwater shark	<i>Wallago attu</i>	Siluridae	VU	NT
22.	Chapila	Indian River Shad	<i>Gudusia chapra</i>	Engraulidae	VU	LC
23.	Foli	Grey Featherback	<i>Notopterus notopterus</i>	Notopteridae	VU	LC
24.	Poa	Pama Croaker	<i>Otolithoides pama</i>	Sciaenidae	LC	NE
25.	Bajari Tengra	Tengara Mystus	<i>Mystus tengara</i>	Bagridae	LC	LC
<b>Crustaceans</b>						
1.	Golda Chingri	Giant Freshwater Prawn	<i>Macrobrachium rosenbergii</i>	Palaemonidae	LC	LC
2.	Godha Icha	Kaira River Prawn	<i>Macrobrachium rude</i>	Palaemonidae	LC	NE
3.	Kuncho Chingri	Kuncho River Prawn	<i>Macrobrachium lamarrei</i>	Palaemonidae	LC	LC

Source: Field Visit, May 2025

\*IUCN Bangladesh. 2015. Red List of Bangladesh Volume 5: Freshwater Fishes; LC=Least Concern, VU= Vulnerable, NT= Near Threatened, EN= Endangered.

\*\*IUCN 2024. The IUCN Red List of Threatened Species. Version 2024-1. (<https://www.iucnredlist.org/>)

#### Observed fish and crustacean species found from the fish survey at Lot-3 areas, River Route 16 and 21

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Sl. No.	Local Name	English Name	Scientific Name	Family	National Status*	Global Status**
<b>Fish Species</b>						
1.	Bele	Tank Goby	<i>Glossogobius giuris</i>	Gobiidae	LC	LC
2.	Bhout bele	Dusky sleeper	<i>Eleotris fusca</i>	Eleotridae	LC	LC
3.	Gang Tengra	Gangetic Gagata	<i>Gagata gagata</i>	Sisoridae	NT	LC
4.	Ilish	Hilsha Shad	<i>Tenualosa ilisha</i>	Clupeidae	LC	LC
5.	Khorsula	Corsula Mullet	<i>Rhinomugil corsula</i>	Mugilidae	LC	LC
6.	Koitor Poa	Coitor Croaker	<i>Johnius coitor</i>	Sciaenidae	LC	LC
7.	Kukur jeeb	Bengal Tongue Sole	<i>Cynoglossus cynoglossus</i>	Cynoglossidae	LC	NE
8.	Mola	Mola Carplet	<i>Amblypharyngodon mola</i>	Cyprinidae	LC	LC
9.	Poa	Pama Croaker	<i>Otolithoides pama</i>	Sciaenidae	LC	NE
10.	Pungas	Pungas Catfish	<i>Pangasius pangasius</i>	Pangasiidae	EN	LC
11.	Rita	Rita	<i>Rita rita</i>	Bagridae	EN	LC
12.	Shol	Stripped Snakehead	<i>Channa striatus</i>	Channidae	LC	LC
13.	Tit punti	Ticto Barb	<i>Pethia ticto</i>	Cyprinidae	VU	LC
14.	Topshe	Paradise Threadfin	<i>Polynemous paradiseus</i>	Polynemidae	LC	LC
<b>Crustacean Species (Prawn)</b>						
15.	Dimua Icha	Dimua River Prawn	<i>Macrobrachium villosimanus</i>	Palaemonidae	LC	NE
16.	Golda Chingri	Giant Freshwater prawn	<i>Macrobrachium rosenbergii</i>	Palaemonidae	LC	LC
17.	Gura Icha	Indian whisker prawn	<i>Macrobrachium lamarrei</i>	Palaemonidae	LC	LC

Source: Field Visit, May 2025

\*IUCN Bangladesh. 2015. Red List of Bangladesh Volume 5: Freshwater Fishes; IUCN Bangladesh. 2015. Red List of Bangladesh Volume 6: Crustaceans; LC=Least Concern. NE= Not Evaluated \*\*IUCN 2024-2. The IUCN Red List of Threatened Species. Version 2024-2

(<https://www.iucnredlist.org/>)

## ANNEX III:

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

#### Field Movement Lot-2 May, 2025

Serial No	Date	Activity	Route name & Route number	Remarks
01	01.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage:71+300 to 80+900 Place: Chalibhanga to Raypara Length:9600m
02	02.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage:80+900 to 89+900 Place: Raypara to Kishorganj Length:9000m
03	04.05.2025	Meeting with UNO sir of Bancharampur Upazila with Dyke Owner for Application of sand requisition.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A
04	07.05.2025	PIU Assistant Engr. Mamun Khan visits at R-09 Bancharampur site, regarding the progress of ongoing dredging activities. Inspected dredgers, floating and shore pipelines, active dredging zones, and observed both selected and potential dyke locations.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A, PIU, Contractor
05	09.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Shitalakshya (Ghorashal to Munshiganj). BRWTP-S1A, Route-03& 04, Lot_2	Chainage:0+000 to 10+000 Place: Char Kishorganj to Moddarchar Length:10000m
06	10.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Shitalakshya (Ghorashal to Munshiganj). BRWTP-S1A, Route-03& 04, Lot_2	Chainage:10+000 to 19+000 Place: Moddarchar to Horipur Length:9000m
07	11.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Shitalakshya (Ghorashal to Munshiganj). BRWTP-S1A, Route-03& 04, Lot_2	Chainage:19+000 to 37+000 Place: Horipur to Rupganj Length:18000m
08	12.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Shitalakshya (Ghorashal to Munshiganj). BRWTP-S1A, Route-03& 04, Lot_2	Chainage:37+000 to 59+200 Place: Rupganj to Ghorashal Length:22200m
09	13.05.2025	Visit Bisnorampur Nayeb office & Dredger Kazi & Kazi-01 selected dyke area for monitoring dredger condition.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A
10	14.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Homna-Daudkandi approach). BRWTP-S1A, Route-10, Lot_2	Chainage:0+000 to 9+000 Place: Shatnol to Borokinachok Length:9000m
11	15.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Homna-Daudkandi approach). BRWTP-S1A, Route-10, Lot_2	Chainage:9+000 to 25+200 Place: Borokinachok to

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Serial No	Date	Activity	Route name & Route number	Remarks
				Mohanpur Length:16200m
12	16.05.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Homna-Daudkandi approach). BRWTP-S1A, Route-10, Lot_2	Chainage:25+200 to 49+000 Place: Mohanpur to Charani Length:23800m
13	18.05.2025	Dredger Kazi & Kazi-01 starting dredging disposal Dyke-77 at Bisnorampur area.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A
14	19.05.2025	Monitoring Dredging work at Dorabangha Shagufta-04 & Bisnorampur Kazi & Kazi-01.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A
15	21.05.2025 and 22.05.2025	Sampling the Environmental data like as: 1. Inspection of air noise monitoring. 2. Observation of air noise level. 3. Under water noise monitoring. 4. Inspection of Dissolved oxygen, Water Ph, temperature etc 5. Sampling collection of water upstream and downstream of the dredger for dissolved oxygen inspection. 6. Soil sample collection from the disposal area and the river bed for lab test.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11  Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	Sampling the Environmental data like as: 1. Inspection of air noise monitoring. 2. Observation of air noise level. 3. Under water noise monitoring. 4. Inspection of Dissolved oxygen, Water Ph, temperature etc 5. Sampling collection of water upstream and downstream of the dredger for dissolved oxygen inspection. 6. Soil sample collection from the disposal area and the river bed for lab test.
16	22.05.2025	Contractor team suspension of dredging operation at route-09 suddenly.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A
17	25.05.2025	Site visit Head of the Safeguard Cell, the Environmental Expert of the PIU, the S-17 and S1A Consultant, and Contractor personnel at Route-11. Additionally, a meeting was held with the UNO of Daudkandi, Cumilla, to discuss the progress of the ongoing dredging activities.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	BRWTP-S1A, PIU & Contractor
18	26.05.2025	Site visit Head of the Safeguard Cell, the Environmental Expert of the PIU and S1A Consultant, and Contractor personnel at Route-09 solimganj. During the visit, samples were collected; various site tests were conducted, and inspected the dredgers, floating and shore pipelines, and active dredging zones.	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	BRWTP-S1A, PIU & Contractor
19	27.05.2025	Site visit Port Officer (BIWTA), PIU engineer	Gumti(Meghna loop approaching Dautkandi).	



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Serial No	Date	Activity	Route name & Route number	Remarks
		(Mamun Khan) at R-11, Daudkand.	BRWTP-S1A, Route-11 Lot_2	
20	28.05.2025	Today Visited the newly arrived dredger Rinku & Rina-01, at Route-07 & 08, standby Khodadila area Alok bali union, Narsingdi.	Meghna (Narsingdi Northern & Southern approaches). BRWTP-S1A, Route-7&8 Lot_2	BRWTP-S1A

**Field Movement Lot-3 May, 2025**

Serial No.	Date	Activity	Route name & Route number	Remarks
1	01.05.2025	Hydrographic Post survey work done for lot 3 Route number 21 (Laharhat-Bheduria)	Route 21 (Laharhat-Bheduria)	Hydrographic Post Survey
2	02.05.2025	Hydrographic Post Survey work for lot 3 Route 16 (Patarhat-Bheduriya)	Route 16 (Patarhat -Bheduria)	Hydrographic Post Survey
3	03.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
4	05.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
5	06.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
6	09.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
7	09.05.2025	Dredging work progress meeting and XEN visit Site	Route 21 (Laharhat-Bheduria)	Dredging progress Meeting
8	10.05.2025	BIWTA Chairman and PD, PIU personnel visit Site.	Route 21 (Laharhat-Bheduria)	Dredging progress Meeting
9	10.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
10	12.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13A With BIWTA Team (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Hydrographic Monitoring Survey
11	13.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13A With BIWTA Team (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Hydrographic Monitoring Survey
12	14.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13A With BIWTA Team (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Hydrographic Monitoring Survey
13	15.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13A With BIWTA Team (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Hydrographic Monitoring Survey
14	16.05.2025	Hydrographic Monitoring Survey work for lot 3 Route number 21 With BIWTA Team (Laharhat-Bheduria)	Route 21 (Laharhat-Bheduria)	Hydrographic Monitoring Survey
15	17.05.2025	Hydrographic Monitoring Survey work for lot 3 Route number 21 With BIWTA Team (Laharhat-Bheduria)	Route 21 (Laharhat-Bheduria)	Hydrographic Monitoring Survey
16	18.05.2025	Hydrographic Monitoring Survey work for lot 3 Route number 21 With BIWTA Team (Laharhat-Bheduria)	Route 21 (Laharhat-Bheduria)	Hydrographic Monitoring Survey

**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**

Serial No.	Date	Activity	Route name & Route number	Remarks
17	20.05.2025	Hydrographic Monitoring Survey Data Processing work for lot 3 Route 13A With BIWTA Team (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Data Processing
18	20.05.2025	Hydrographic Monitoring Survey work for lot 3 Route number 12 (Chandpur-R 140 Bridge)	Route 12 (Chandpur-R 140 Bridge)	Hydrographic Monitoring Survey
19	21.05.2025	Hydrographic Monitoring Survey Data Processing work for lot 3 Route 13A With BIWTA Team (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Data Processing
20	21.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13(Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
21	22.05.2025	Hydrographic Monitoring Survey Data Processing work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Data Processing
22	22.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13(Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
23	23.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13A (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Hydrographic Monitoring Survey
24	23.05.2025	Hydrographic Monitoring Survey Data Processing work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Data Processing
25	24.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13A (Looping Route Inside Char Hizla)	Route 13A (Looping Route Inside Char Hizla)	Hydrographic Monitoring Survey
26	24.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
27	25.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13 With BIWTA Team (Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
28	25.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13(Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
29	26.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13(Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
30	27.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 13(Alubazar-Athazar)	Route 13 (Alubazar-Athazar)	Hydrographic Monitoring Survey
31	27.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 17(Athazar-Bheduria)	Route 17 (Athazar-Bheduria)	Hydrographic Monitoring Survey
32	28.05.2025	Hydrographic Monitoring Survey work for lot 3 Route 15(Patarhat-Elisha)	Route 15 (Patarhat-Elisha)	Hydrographic Monitoring Survey

## ANNEX IV:

### The Progress and Status of Dike and Selected Disposal Areas

#### Lot-2

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

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		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	Jhama 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 Upazila: Nabinagar	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:Bancharamp ur 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:Bancharamp ur 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: Bancharampur	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	
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 ur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2 152, 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 ur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2 152, 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 ur District: Brahman Baria	Mouza: Bishnursmpur, SA Khatian: 11, Plot no: 298,1428,1646,1655,16 54, JL No 43	59	Agriculture land (One Crop)	Done
D21	9	Safar Ali NID: 2398388328 Mbl: 0191438148	Village:Akanagar Union: Tejkhali Upazila:Bancharampur ur 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:Bahir char Union: Tejkhali Upazila:Bancharampur ur 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 ur District: Brahman Baria	Mouza: Bahirchar SA Khatian: 860,380 Plot no: 821,621,711,622,624,81 0,1070,623,626,710,711 ,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 ur 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 ur District: Brahman Baria	Mouza: Bishnursmpur SA Khatian: 172, Plot no: 1308,1497,1448,427,11 05 JL No 43	174	Agriculture land (One Crop)	Done
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 Mbl: 01740968121	Village: Aka Nagar Union: Tezkhali Upazila:Bancharampur ur District: Brahman	Mouza No: Aka Nagar SA Khatian: 3921,4096,3941 Plot No: 5760,5705,5707,5790,6 370,6698,5744,5711,53 84,5715 J L No 13	310	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	
D27	9	Md. Hanif NID: 5501395304	Village: Bishnurampur	Mouza: Bishnurampur SA Khatian: 894,	154	Agriculture land (One Crop)	Done
		Mbl: 01717531207	Union: Bishnurampur Upazilla: Bishnurampur District: Brahman Baria.	Plot no. 108,111 Khatian No. 860/380 JL No. 41			
D28	9	Habib Ulla NID: 2398391876 Mbl: 01817506254	Village: Bahirchar Union: Bishnurampur Upazila: Bancharampur	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: Tezkhal Upazila: Bancharampur 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: Tezkhal Upazila: Bancharampur 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: Bancharampur 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: Nabinagar 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: Nabinagar 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
D 34	9	1. Md. Billal NID: 2398523114 Mbl: 01725835721 2. Arfat Ali NID: 8257731771 Mbl: 01985789351	Village: Bahir Char Union: Tezkhal Upazila: Bancharampur 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

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Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
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	Village: Bahir Char Union: Tezkhal Upazila: Bancharampur 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
		Mbl: 01735786521 3. Tazul Islam NID: 9173793036 Mbl: 01735786521					
D37	9	Md. Swapon Mia NID: 8248495528 Cel: 01753828096	Village: Bahirchar Union: Tezkhal Upazila: Bancharampur, 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: Tezkhal Upazila: Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 751/439/120/889/743/70 Plot: 1282/1284/1285/1283/957/1641/2221/955/1502/985/984 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
D 40	9	Md. Jalu Mia NID: 4155505789 Mbl: 01712892751	Village: Bahirchar Union: Tezkhal Upazila: Bancharampur 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: Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 706 Plot: 486/350/352 JL No: 10	111	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	
D 42	9	1. Mst. Jahanara NID: 1210488096760 Mbl: 01986218781	Village: Nilokhi Union: Salimganj Upazila:Nabinagar 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:Nabinagar 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:Nabinagar 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:Nabinagar 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:Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 111 Plot: 222/223/577/496 JL No:41	97	Agriculture land (One Crop)	Done
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	Village: Char Badda Union: Salimganj Upazila:Nabi Nagar District: Brahman Baria.	Mouza No.Char Badda Khatian No: 404/344/160/606/557/605 Plot: 1531/1502/1537/860/941/1282/1530/1531/1551/288/289/316/493/1567 JL No:14	200	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	
		NID: 1970121857500009 Mbl: 01713925813					
D 49	9	1.Kamal Uddin NID: 9148394498 Mbl: 01602208686	Village: Bahir Char Union: Tezkhali Upazila:Bancharampur	Mouza No. Bahir Char Khatian No: 392/320/707/273/514/10	179	Agriculture land (One Crop)	Done
		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	ur District: Brahman Baria.	71 Plot: 1105/617/1104/411/496/ 1111/1110 JL No:41			
D 50	9	1.Abul Kashem NID: 2398411542 Mbl: 01708665453 2.Humayun Kobir NID: 1210436157748 Mbl: 01983460221	Village: Moddho Nagar Union: Choyfullah Kandi Upazila:Nabinagar 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)	Done
D 51	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:Nabinagar 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
D 52	9	Shahin NID: 19821218575000021 Mbl: 01734532462	Village: Bandey Bahir char Union: Salimganj Upazila:Nabinagar 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:Nabinagar 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:Bancharampur ur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:1154 Plot: 1594 JL No:01	86	Fallow Land	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 55	9	Shahjalal NID: 8242023813 Mbl: 01625888695	Village: Bishnurampur Union: Tezkhal Upazila: Bancharampur 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: Nabinagar 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: Nabinagar 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: Bandy Bahir char Union: Salimganj Upazila: Nabinagar 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: Nabinagar District: Brahman Baria.	Mouza No. Joy Nagar Khatian No: 1154 Plot: 2374 JL No: 11	75	Agriculture land (One Crop)	Agreement will be done by District administration
D 60	9	Abdur Razzak NID: 9574183696 Mbl: 01747343757	Village: Bishnurampur Union: Tezkhal Upazila: Bancharampur 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: Tezkhal Upazila: Bancharampur 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: Tezkhal Union: Tezkhal Upazila: Bancharampur District: Brahman Baria.	Mouza No. Tezkhal 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: Tezkhal Union: Tezkhal Upazila: Bancharampur District: Brahman Baria.	Mouza No. Tezkhal 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

**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 65	9	Anowar Hossain Raza NID: 1948336233 Mbl: 01625888695	Village: Bishnurampur Union: Bishnurampur Upazila: Bancharampur 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: Bancharampur 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 NID: 8218914904 5.Sushil Chandra Sutradhar NID: 6816020732471 Mbl: 01794391918, 01712766109	Village: Birgaon Union: Alokbal Upazila:Narsingdi Sadar 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, 10111, 10114 JL No: 73, 62, 52	677	About 70% Fallow Land and 30% Agriculture land (One Crop)	Done
D 68	7&8	Md. Delwar Hossain NID: 9550769062 Mbl: 01712766109	Village: Bakhornagar Union: Alokbal Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Madhobpur SA Khatian No: 8723/4356/4126/4247 SA Plot No: 7879,7915,7880,8793,7891,7960,7961,9730,9731,9732,8730,896,7496,7494,9756, 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: Alokbal Upazila:Narsingdi 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: Alokbal Upazila:Narsingdi 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

**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 71	7&8	1. Md. Sheikh Farid NID: 6816020734834 Mbl: 01765-995824 2. Rezon Mia NID: 7358087984 Mbl: 01677556624	Village: Sat para Union: Alokballi Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Char Madhobpur CS Khatian No: 121 SA Plot No: 6711/6512/6706/6727/ 6 712/7364/7369/7794/78 68; 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:Roypura District: Narsingdi	Mouza: Char Modhua CS Khatian No: 637 SA Plot No: 1062/1011/894/1131/42/ 131/806/811/913/1042/1 181/1188; 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
<b>74 dikes</b>	<b>04 River Route s</b>				<b>Total Land 9,669 (Decimal)</b>		

**Status of Good Faith Agreements (GFA), Lot- 2, 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	09	Mahabub Mobile:01911111107.	Village Muktarampur,Bori kandi,Nobinagar,B Baria.	Yet to be done	47	Agriculture Land (Single Crop)	Yet to be done
D 77	09	Amir	Vill:Barail,Solimgonj, Nabinagar,B Baria.	Yet to be done	37	Agriculture Land (Single Crop)	Yet to be done
D 78	09	Shafiq	Vill:Modo nagar, Bishnurampur, Bancharampur,B Baria	Yet to be done	45	Agriculture Land (Single Crop)	Yet to be done
D 79	09	Shahidul	Vill:Modonagar , Bishnurampur, Bancharampur,B Baria.	Yet to be done	70	Agriculture Land (Single Crop)	Yet to be done
D 80	09	Manik	Vill:Khalla,Dorikandi, Bancharampur, B Baria.	Yet to be done	150	Agriculture Land (Single Crop)	Yet to be done
D 81	11	Govt. of Bangladesh	Village: Donar Char Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouja: Noakandi JL No. 173	350	Khas land	Govt. Land

**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 82	11	M. Shafi Uddin Ahmed Mobile# 01893559250 NID: 8219523337	Village: Char Charua Union: North Daudkandi Upazila: DaudKandi District: Cumilla	Mouza: Char Sattya Das JL No. 98 Khatian: 64 Plot no. 226	176	Agriculture Land (Single Crop)	Done
D 83	11	Mozibar Rahman Mobile# 01715354524 NID: 1913621823882	Village: Notun Hasnabad Union: Daudkandi Upazila: DaudKandi District: Cumilla	Mouza: Char Sattya Das JL No. 98 Khatian: 46 Plot no. 170	153	Agriculture Land (Single Crop)	Done
D 84	11	Minu Ara Begum Mobile# 01863132638 NID: 8669116728	Village: Donar Char Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Char Sattya Das JL No. 98 Khatian: 19 Plot no. 146	133	Agriculture Land (Single Crop)	Done
D 85	11	Kadamtol Primary School Govt.	Village: Kadamtol Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	N/A	240	Primary School	Govt. Land
D 86	11	Monir Hossain Gong NID# 1913621823951	Village: Notun Hasnabad Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Daudkandi JL No. 158 Khatian: 84 Plot no. 126	207	Agriculture Land (Single Crop)	Done
D 87	11	Lal Mia NID# 7768741816 Mobile# 01864-723613	Village: Char Charua Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Daudkandi JL No. 158 Khatian: 405 Plot no. 351	122	Agriculture Land (Single Crop)	Done
D 88	11	Yunus Mia NID# 1913621824804 Mobile#01817-128636	Village: Kadam Toly Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Char Nandonpur JL No. 94 Khatian: 85 Plot no. 197	91	Agriculture Land (Single Crop)	Done
D 89	11	Kamal Hossain NID# 7318927972 Mobile#01931-824047	Village: Kadam Toly Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Char Nandonpur JL No. 94 Khatian: 34 Plot no. 81/314	236	Agriculture Land (Single Crop)	Done
D 90	11	Amirul Islam NID# 9164707995 Mobile# 01816137424	Village: Char Charua Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Sattya das JL No. 98 Khatian: 39 Plot no. 22/23/24	150	Agriculture Land (Single Crop)	Done
D 91	11	Habil Mia gong NID# 4168649673 Mobile# 01893581655	Village: Notun Hasnabad Union: Daudkandi Upazila: DaudKandi District: Cumilla	Mouza: daudkandi JL No. 158 Khatian: 153 Plot no.151	258	Agriculture Land (Single Crop)	Done
D 92	11	Gias Uddin NID# 5961983557 Mobile# 01828691953	Village: Kadam Toly Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Char Nandonpur JL No. 94 Khatian: 290 Plot no. 438/436	92	Agriculture Land (Single Crop)	Done

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 93	11	Md. Abu Hanif Sarker	Village: Kadam Toly Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Char Nandonpur JL No. 94 Khatian: 667 Plot no. 299/310/240	124	Agriculture Land (Single Crop)	Done
D 94	11	Morsheda Begum	Village: Tujar Bhanga Union: Daudkandi Pouroshova Upazila: DaudKandi District: Cumilla	Mouza: Char Nandonpur JL No. 94 Khatian: 1014 Plot no. 250/253/251	76	Agriculture Land (Single Crop)	Done
<b>Total dike 20</b>	<b>Total Route 02</b>				<b>Total Land 2870 (Decimal)</b>		

### Lot-3

#### **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: 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*

**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 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*
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: 502,525,526 JL 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 hossain (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 hossain 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: Shariatpur	Did not collect yet	574	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 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*
<b>Total dike 23</b>	<b>Total Route 03</b>				<b>12,469</b>		

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 (13 Dikes), Phase-II**

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 24	21	Md. Rubel	Village: Ghagoria Union: sreepur Upazila: Mehendiganj, Barishal	Did not collect yet	200	Fallow land	yet to be done*
D 25	21	Md. Riaz, Md. Rafik, Md Siraj Mobile# 01736649507	Village: Ghagoria Union: sreepur Upazila: Mehendiganj Barishal	Did not collect yet	300	Fallow land	yet to be done*
D26	21	Md. Kalu, Md. Shahin Mobile# 01772809178	Village: Ghagoria Union: sreepur Upazila: Mehendiganj Barishal	Did not collect yet	110	Fallow land	yet to be done*
D27	21	Ali Hossain gong	Village: Ghagoria Union: sreepur Upazila : Mehendiganj, Barishal	Khatian: 260, 493	3531	Fallow land	yet to be done*
D28	21	Md. Saiful NID:6461017284 Mobile# 01818592314	Vill & Union: sreepur Upazila: Mehendiganj, Barishal	Did not collect yet	687	Fallow land	yet to be done*
D 29	21	Md. Abdus Salam NID: 8223014047 Mbl # 01766138946	Sreepur Union Mehandiganj Upazilla Barisal district	Did not collect yet	224	Agriculture Land (Single Crop)	Yet to be done
D 30	21	Abdul Gaffar Sheikh NID: 0616213052399	Sreepur Union Mehandiganj Upazilla Barisal district	Did not collect yet	70	Fallow land	Yet to be done
D 31	21	Md. Maidul Sikdar NID: 3257757108	Sreepur Union Mehandiganj Upazilla Barisal district	Did not collect yet	60	Fallow land	Yet to be done
D 32	21	Md. Babul Mollik NID: 0616213050461	Sreepur Union Mehandiganj Upazilla Barisal district	Did not collect yet	700	Fallow land	Yet to be done
D 33	16	Mohammad Gazi Mbl# 01972381881	Village: Sadequepur Union: Alimabad Upazila: Mehandiganj District: Barishal	Did not collect yet	392	Govt. Land	Yet to be done
D 34	16	Abdur Razzaq	Sadquepur, Mehandiganj Union under Mehandiganj Upozilla in Barisal district.	Did not collect yet	494	low land and non-cultivable	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 35	16	Md. Nur Nabi	Village: Char Mitua Union: Alimabad Upazila: Mehendiganj District: Shariotpur	Mouza: Char Mohisa	100	low land and non-cultivable	Yet to be done
D 36	13 (Extension of the dyke no.	Yunus Gazi and Md. Didar Mbl# 01722495773	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	150	Khas Land	Govt. Land
<b>Total dike 13</b>	<b>Total Route 03</b>				<b>7018</b>		

## ANNEX-V: Dredging Progress Lot- 3 Contractor

### Dredging Progress in May, 2025 under Phase-II, Lot-3

Route-wise tentative dredging Progress in May,2025 under Phase-II dredging of the Contractor Lot-3.

Route No.	Dredger Name	Dredging Location	Dredging Period	Chainage (KM)	Cutting Length(m)	Dredging Status	Dyke Status	Remarks
13	Banga Padma	Alu Bazar ferry Ghat & Meghna Mukh	February, 2025	3+600 to 4+200 & 00+00 to 0+700	1300 m	Completed in February 2025	NA	Completed
16	Banga Shitalakhya	Patarhat, Barishal	01-05-2025 to 31-05-2025	Ch 0+150 to 0+650, Ch 650 to 1650, Ch=650 to 1350 (running)	1350 m completed with full design.	In Progress	Dyke No: R16-D4 & R16-D5	-
21	Banga Padma	Bheduria Ferry Ghat	01-05-2025 to 27-05-2025	08+500 to 7+450	2400 m completed with full design.	Completed on 27 May 2025	Dyke No: R21-D21	Phase-II dredging Completed
21	Banga Jamuna	Sreepur launch Ghat	01-05-2025 to 24-05-2025	CH 7+450 to Ch. 06+200			Dyke No: R21- D29	Phase-II dredging Completed

## ANNEX-VI:

### Environmental Quality Assessment and Compliance Status for May, 2025

#### Environmental Quality Assessment for May, 2025 of Lot-2

SI No.	Item	Parameters	Baseline Data of Route 09	Route-09	Baseline Data of Route 11	Route-11	S1A April 2025
			January 2023	May 2025	January 2023	May 2025	
1	Air Quality	SPM	140.34	119.52	157.82	132.92	*WAL
		PM10	58.34	59.11	72.37	65.16	WAL
		PM2.5	31.43	32.36	41.35	39.63	WAL
		SO2	15.29	15.47	18.25	18.37	WAL
		NO2	12.75	26.63	15.89	27.74	WAL
		CO	1.3	0.4	1.3	0.4	WAL
2	Noise Level	LEQ day	61.6	58.3	70.6	60.8	WAL
		Lmax	76	65.2	82.9	69.5	WAL
		Lmin	42.8	44.7	44.6	46.8	WAL
3	Underwater Noise Level	LAvg [dBA]	-	56.9	-	54.6	WAL
4	Surface Water Quality	Temperature	22.1	25.8	22.4	26.3	WAL
		EC	170	209	290	378	WAL
		pH	7.20	7.72	7.98	7.63	WAL
		TDS	160	105	150	189	WAL
		DO	4.5	5	5.8	5.7	WAL
		BOD5	10	4.8	0.3	4	WAL
		TSS	83	144	87	155	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	-	14.33	-	14.33	WAL
		Cadmium	-	0.08	-	0.08	WAL
		Chromium	-	12.74	-	12.74	WAL
		Zinc	-	9.93	-	9.93	WAL
		Arsenic	-	1.59	-	1.59	WAL

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

#### Environmental Quality Assessment for May 2025 of Lot 3

SI No.	Item	Parameters	Baseline Data of Route 16	Route 16	BaselineData of Route 21	Route 21	S1A Remarks April 2025
				May 2025		May 2025	
1	Ambient Air Polluants' Concentration in $\mu\text{g}/\text{m}^3$	SPM	170.65	102.35	165.12	85.97	WAL
		PM10	81.24	60.17	72.15	48.26	WAL
		PM2.5	42.85	28.49	47.28	24.81	WAL
		SO2	16.44	17.88	13.69	13.70	WAL
		NO2	21.40	20.75	22.18	18.66	WAL
		CO	1.1	0.8	0.6	0.8	WAL
2	Noise Level	LEQ day	53.5	69.16	62.35	62.39	WAL
		Lmax	75.7	83.20	82.53	89.57	Mixed Area.
		Lmin	32.8	36.43	39.76	39.80	WAL
3	Under Water Noise Level	LAvg [dB (A)]	-	59.8	-	57.6	WAL
4	Surface Water Quality	Temperature	22.0	26.1	24.8	26.1	WAL
		EC	280	274	290	274	WAL
		pH	7.91	7.22	7.77	7.22	WAL
		TDS	140	137	137	137	WAL
		DO	6.3	7.8	7.0	7.8	WAL
		BOD5	0.6	4.5	1.5	4.5	WAL

**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**

SI No.	Item	Parameters	Baseline Data of Route 16	Route 16	BaselineData of Route 21	Route 21	SIA Remarks April 2025
				May 2025		May 2025	
		TSS	29	62	86	62	WAL
5	Riverbed Sediment	Lead	12.01	9.36	10.17	10.12	WAL
		Cadmium	0.058	0.066	0.054	0.071	WAL
		Chromium	17.14	19.76	12.76	20.33	WAL
		Zinc	38.65	27.65	23.48	28.70	WAL
		Arsenic	2.01	1.94	1.57	2.34	WAL

\*WAL=Within Approved Limit.

**Compliance Status of May 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	The fisheries survey identified a total of 25 fish species and 3 crustacean species. No visible fish mortality was observed in or around the dredging sites during the monitoring period. Although no Ganges River Dolphins (Platanista gangetica) were seen during the visit, local fishermen reported rare sightings along Route 11 during the monsoon season. Similarly, no freshwater turtles were observed or found to show any signs of presence within or near the dredging areas.	Mitigation measures not required	No mitigation measure was suggested by the Lot 2 monitoring team.	-	P	-		
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	No significant leakages	Maintain	Pipes regularly	-	P	-	Stop dredging, fix the	

**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		
leakages from pipes and sediment disposal	were observed with the floater and/or delivery pipe	pipes	checked				problem before resumption; and report to the 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.

**Compliance Status for May 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	In this reporting month 14 species of fish and 3 species of crustaceans (prawns) were observed. Prawns were also captured using cast nets and fishing traps. No visible fish mortality was observed in or around the dredging and disposal areas. No Ganges River Dolphins ( <i>Platanista gangetica</i> ) were observed during this time. No freshwater turtles were seen in the river, dredging sites, or adjacent areas. no immediate threats observed in relation to dredging or environmental degradation, as dredging activities were not conducted during this reporting month.	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



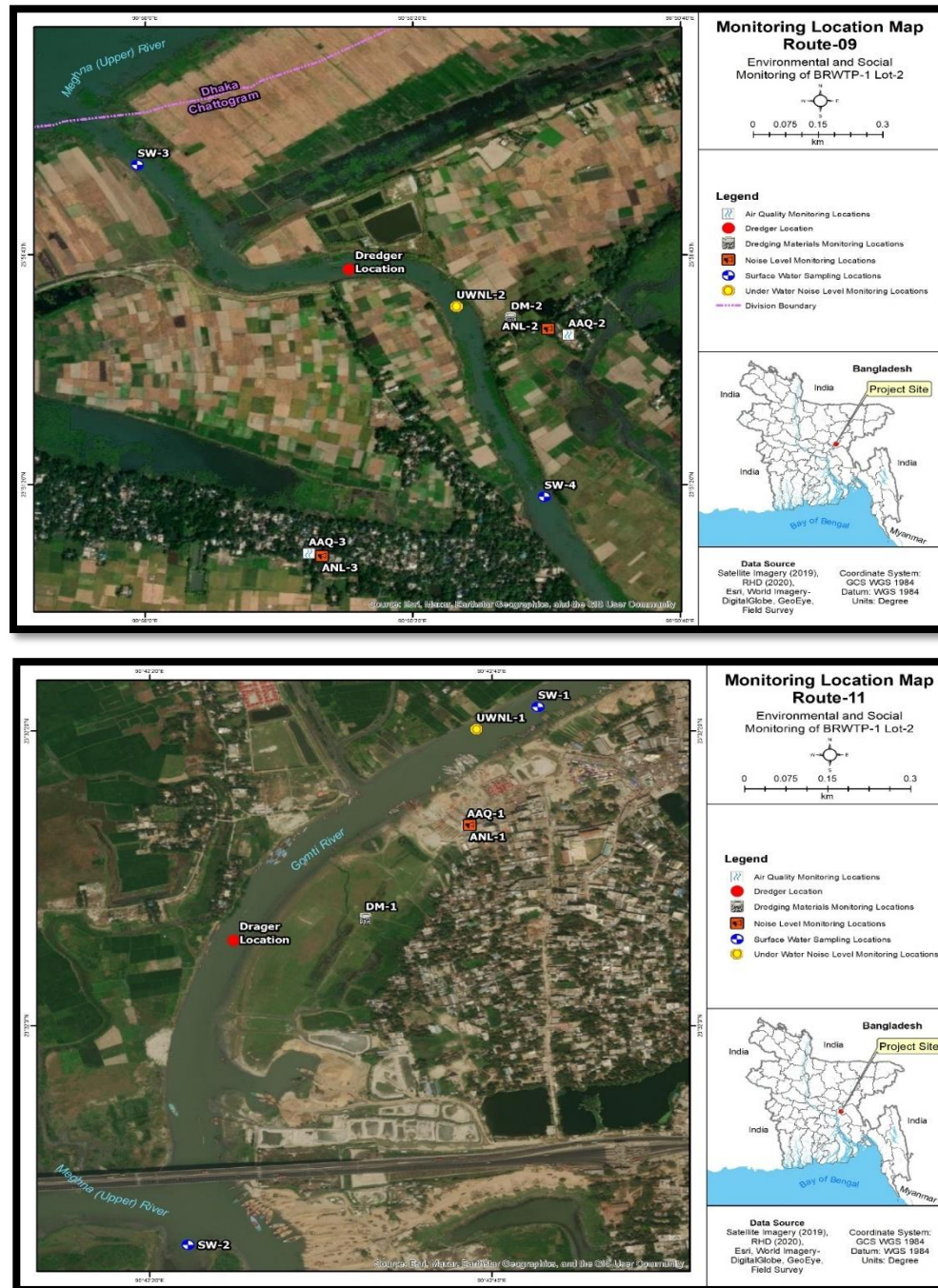
**Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract**

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 SIA			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	-

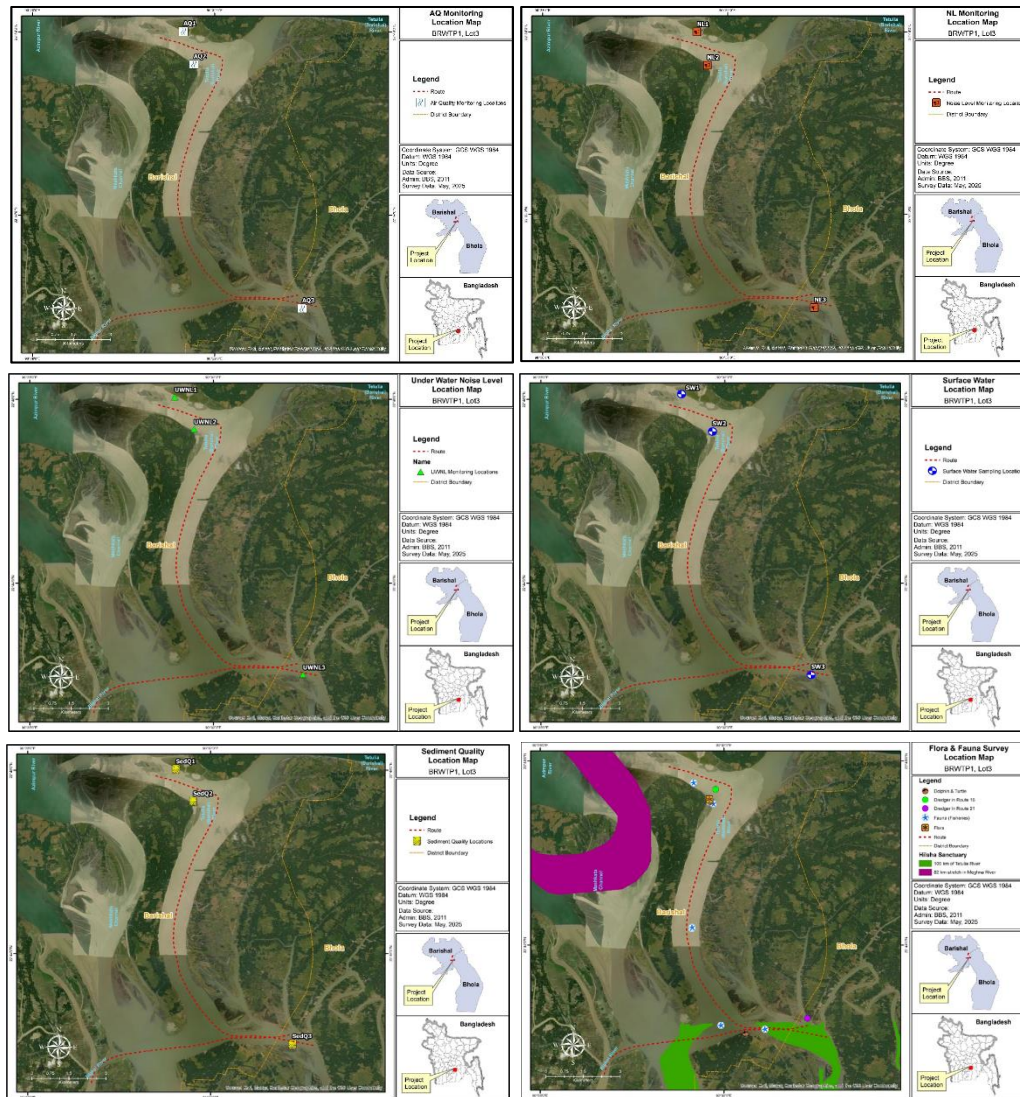
Note: The table was prepared based on observations from the field visit.

## ANNEX VII: Location Map of Environmental Sample Collection, May 2025

Location Map Environmental Sample Collection at Route 09 and Route 11 of Lot-2 sites (May 2025):



## Location Map Environmental Sample Collection at River Route 16 and 21 of Lot-3 sites (May 2025):





## ANNEX VIII:

### Laboratory Test Results of Environmental Parameters LoT-2 and Lot-3, May 2025

#### LOT-2

Ref: EQMS/Air Quality/2025058849

#### EQMS ENVIRONMENTAL LABORATORY Monitoring Results of Ambient Air Quality

<b>Project Name</b>	:	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.
<b>Monitoring Activity</b>	:	Ambient Air Quality
<b>Monitoring Personnel</b>	:	Amit kumar Saha
<b>Location</b>	:	AQ1: Near Shetal Chaya Resaturent, Daudkandi, Route-11 (23.546760° 90.717600°) AQ2: Near Muktarampur New Mosque, Route-09 (23.862702° 90.853339°)
<b>Monitoring Date</b>	:	21.05.2025 to 22.05.2025
<b>Reporting Date</b>	:	01.06.2025

#### Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in $\mu\text{g}/\text{m}^3$					CO mg/m3
		SPM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	
AAQ1	21.05.2025	132.92	65.16	39.63	18.37	27.74	0.4
AAQ2	22.05.2025	119.52	59.11	32.36	15.47	26.63	0.4
<b>Air Pollution (control) rules, 2022*</b>		-	150	65	80	80	5
<b>Method of Analysis</b> <b>Instrument Use:</b> <b>Haz-Scanner TM (HIM, 6000)</b>		Particulates Sensor Light Scattering Nephelometer			High Sensitivity Electrochemical		

Note: \* Air Pollution (Control) Rules, 2022

Legend: PM<sub>10</sub>-Particulate Matter of a diameter of 10 microns or less. PM<sub>2.5</sub>-Particulate Matter of a diameter of 2.5 microns or less, SO<sub>2</sub>-Sulphur Dioxide; NO<sub>2</sub>-Nitrogen-Dioxide; CO -Carbon Monoxide

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Ref: EQMS/Noise Level/2025058850

**EQMS ENVIRONMENTAL LABORATORY**  
**Monitoring Results of Noise Level Measurement**

<b>Project Name</b>	: 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.
<b>Monitoring Activity</b>	: Noise Level
<b>Monitoring Personnel</b>	: Amit kumar Saha
<b>Location</b>	: NL1: Near Shetal Chaya Resaturent, Daudkandi, Route-11 (23.546760° 90.717600°) NL2: Near Muktarampur New Mosque, Route-09 (23.862702° 90.853339°)
<b>Monitoring Date</b>	: 21.05.2025 to 22.05.2025
<b>Reporting Date</b>	: 01.06.2025

**Description of Analysis:**

Location	Noise level (dB(A))			Bangladesh Standard (dB(A)) *	IFC EHS Guideline (2007)	Location setting
	Leq <sub>day</sub>	L <sub>max</sub>	L <sub>min</sub>	Day	Day	
NL1	60.8	69.5	46.8	60	70	Mixed area
NL2	58.3	65.2	44.7	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.

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Ref: EQMS/Underwater Noise Level/2025058851

**EQMS ENVIRONMENTAL LABORATORY**  
**Monitoring Results of Noise Level Measurement**

<b>Project Name</b>	: 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.
<b>Monitoring Activity</b>	: Underwater Noise Level
<b>Monitoring Personnel</b>	: Amit Kumar Saha
<b>Location</b>	: UWNL1: Gomati River; Route-11 (23.553600° 90.713520°) UWNL2: Titas River; Route-09 (23.860719° 90.845345°)
<b>Monitoring Date</b>	: 21.05.2025 to 22.05.2025
<b>Reporting Date</b>	: 01.06.2025

**Description of Analysis:**

Code	Location	L <sub>Avg</sub> [dB (A)]	*Standard
UWNL-1	Gomati River; Route-11	54.6	No International/ GoB Standard
UWNL-2	Titas River Route- 09	56.9	

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Ref: EQMS/Surface Water Quality/2025058852

**EQMS WET LABORATORY**  
**Test Results of Surface Water Quality**

<b>Project Name</b>	:	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.
<b>Description of Sample</b>	:	Surface Water - Lot 2
<b>Location</b>	:	SW1: Gomati River; Route-11 (23.553130° 90.714560°) SW2: Gomati River; Route-11 (23.543952° 90.716232°) SW3: Titas River; Route-09 (23.862915° 90.850232°) SW4: Titas River; Route-09 (23.851408° 90.845001°)
<b>Sample Collector</b>	:	Amit kumar Saha
<b>Sampling Date</b>	:	21.05.2025 to 22.05.2025
<b>Reporting Date</b>	:	01.06.2025

**Description of Analysis:**

Parameters	Unit	Concentration Present				Bangladesh Standard
		SW1	SW2	SW3	SW4	
Temperature	°C	26.3	26.5	25.8	25.6	-
EC	µS/cm	378	374	209	203	-
Turbidity	NTU	4.3	3.9	5.7	5.5	-
pH	-	7.63	7.59	7.72	7.78	6.5-8.5
TDS	ppm	189	187	105	101	-
DO	mg/L	5.7	5.9	5	5.1	5 or more
Potassium	mg/L	33	28	19	21	-
Calcium	mg/L	24	20	17	16	-
Magnesium	mg/L	19	23	31	29	-
Phosphate	mg/L	1	0.9	1.3	1.1	-
Chloride	mg/L	23	26	16	19	-
Fluoride	ppm	0.7	0.6	0.5	0.4	-
Nitrate	mg/L	0.8	0.7	0.7	0.8	-
BOD	mg/L	4	3.9	4.8	4.6	6 or less
Sulfate	mg/L	22	18	24	26	-
TSS	mg/L	155	159	144	149	-

Note: Bangladesh Environment Conservation Rules, 2023- Schedule 2 (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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**EQMS**

Ref: EQMS/Dredge Material/2025058853

EQMS

### EQMS WET LABORATORY Test Results of Riverbed Sediment

<b>Project Name</b>	: 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.
<b>Description of Sample</b>	: Dredge Material – Lot 2
<b>Location</b>	: DM-1: Near Notun Hasnabad, Route-11 (23.549350° 90.717880°) DM-2: Near Muktarampur, Route-09 (23.860303° 90.849134°)
<b>Sample Collector</b>	: Amit Kumar Saha
<b>Sampling Date</b>	: 21.05.2025 to 22.05.2025
<b>Reporting Date</b>	: 01.06.2025

#### Description of Analysis:

Parameter	Unit	Dredge Material – Lot 2		Methodology	Dutch Environmental Standard (mg/kg)
		DM-1	DM-2		
Lead	mg/kg	14.33	10.37	ICPMS	85
Cadmium	mg/kg	0.08	0.06	ICPMS	0.8
Chromium	mg/kg	12.74	11.53	ICPMS	100
Zinc	mg/kg	9.93	11.73	ICPMS	140
Arsenic	mg/kg	1.59	1.69	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry

#### Received By:



Shihabuddin Ahmed Imran  
Consultant  
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#### Analyzed By:



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## LOT-3



Ref: ELRC/Air Quality/ AQMM2025-05

<b>Project Name</b>	: 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
<b>Monitoring Activity</b>	: Ambient Air Quality
<b>Monitoring Date</b>	: 26.05.2025
<b>Monitoring Location</b>	: Route 16; (AQ-1)- 22°47'17.92"N 90°31'32.47"E Route 16; (AQ-2)- 22°48'1.11"N 90°31'18.99"E Route 21; (AQ-3)- 22°41'57.35"N 90°33'55.35"E

### Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m <sup>3</sup>					CO mg/m <sup>3</sup>
		SPM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	
AQ-1 Route 16	26/05/2025	102.35	60.17	28.49	17.88	20.75	0.8
AQ-2 Route 16	26/05/2025	90.33	52.09	23.11	10.14	16.21	0.5
AQ-3 Route 21	26/05/2025	85.97	48.26	24.81	13.70	18.66	0.8
<b>Air Pollution (control) rules, 2022*</b>		-	150	65	80	80	5
<b>Method of Analysis</b> <b>Instrument Use:</b> <b>Haz-Scanner TM (HIM, 6000)</b>		Particulates Sensor Light Scattering Nephelometer			High Sensitivity Electrochemical		

Note: \* Air Pollution (Control) Rules, 2022

Legend: PM<sub>10</sub>-Particulate Matter of a diameter of 10 microns or less. PM<sub>2.5</sub>-Particulate Matter of a diameter of 2.5 microns or less. SO<sub>2</sub>-Sulphur Dioxide; NO<sub>2</sub>-Nitrogen-Dioxide; CO -Carbon Monoxide

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Ref: ELRC/Noise Level/ NLMM2025-05

<b>Project Name</b>	:	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
<b>Monitoring Activity</b>	:	Noise Level
<b>Location</b>	:	NL1 22°47'16.58"N 90°31'33.49"E, <b>(Route 16)</b> NL2 22°48'0.29"N 90°31'20.37"E, <b>(Route 16)</b> NL3 22°41'57.51"N 90°33'52.75"E, <b>(Route 21)</b>
<b>Monitoring Date</b>	:	26.05.2025

**Description of Analysis:**

Location	Noise level (dB(A)) <sup>1</sup>			Bangladesh Standard (dB(A)) <sup>2</sup>	IFC EHS Guideline (2007) <sup>3</sup>	Location setting
	Leq <sub>day</sub>	L <sub>max</sub>	L <sub>min</sub>	Day	Day	
NL1	69.16	83.20	36.43	-	-	-
NL2	66.89	81.79	38.19	-	-	-
NL3	62.39	89.57	39.80	-	-	-

Note:

<sup>1</sup>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.

<sup>1</sup> 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.

<sup>2</sup>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.

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

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Ref: ELRC/ Underwater Noise Level/ UWNL2025-05

<b>Project Name</b>	:	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
<b>Monitoring Activity</b>	:	Underwater Noise Level
<b>Location</b>	:	<b>UWNL1</b> 22°47'59.48"N 90°31'17.88"E, <b>Route 16</b> <b>UWNL2</b> 22°47'18.14"N 90°31'34.16"E, <b>Route 16</b> <b>UWNL3</b> 22°42'0.75"N 90°33'27.37"E, <b>Route 21</b>
<b>Monitoring Date</b>	:	26.05.2025

**Description of Analysis:**

Code	Location	L <sub>Avg</sub> [dB (A)]	*Standard
		[dB (A)]	
UWNL1	Route 16	59.8	No standard of International / GoB
UWNL2	Route 16	64.4	
UWNL3	Route 21	57.6	

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Ref: ELRC/Surface Water Quality/ SWMM2025-05

<b>Project Name</b>	:	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
<b>Description of Sample</b>	:	Surface Water
<b>Location</b>	:	Route- 16, & 21.
		SW1 - 22°47'18.12"N 90°31'44.07"E, Route 16
		SW2 - 22°48'6.97"N 90°31'3.67"E, Route 16
		SW3 - 22°42'0.38"N 90°33'52.79"E, Route 21
<b>Sampling Date</b>	:	26.05.2025

**Description of Analysis:**

Parameters	Unit	Concentration Present (Route -16, & 21)			Bangladesh Standard
		SW1	SW2	SW3	
Temperature	°C	26.1	26.5	26.9	-
EC	µS/cm	274	278	270	-
Turbidity	NTU	9.7	8.6	10.3	-
pH	-	7.22	7.31	7.42	6 - 9
TDS	ppm	137	139	135	1000
DO	mg/L	7.8	7.4	7.2	5 or more
Potassium	mg/L	7.2	7.5	9.3	-
Calcium	mg/L	23	27	25	-
Magnesium	mg/L	6.7	6.1	5.2	-
Phosphate	mg/L	0.2	0.6	0.5	0.05
Chloride	mg/L	7.2	7.4	7.9	-
Fluoride	ppm	0.13	0.15	0.9	-
Nitrate	mg/L	1.3	1.7	1.5	7.0
BOD5 (at 20°C)	mg/L	4.5	4.8	4.6	6 or less
Sulfate	mg/L	20	17	18	-
TSS	mg/L	62	65	63	-

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

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Ref: ELRC/ Riverbed sediment / SDMM2025-05

<b>Project Name</b>	:	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
<b>Description of Sample</b>	:	Riverbed sediment – Lot 3
<b>Sampling Date</b>	:	26.05.2025

**Location Details:**

Code	Route No.	GPS Location
SedQ1	Route 16	22°47'19.30"N 90°31'37.24"E
SedQ2	Route 16	22°48'1.30"N 90°31'14.65"E
SedQ3	Route 21	22°42'1.39"N 90°33'47.46"E

**Description of Analysis:**

Parameter	Unit	Riverbed sediment – Lot 3			Methodology	Dutch Environmental standard (mg/kg)
		SedQ1	SedQ2	SedQ3		
Lead	mg/kg	9.36	9.87	10.12	ICPMS	<b>85</b>
Cadmium	mg/kg	0.066	0.068	0.071	ICPMS	<b>0.8</b>
Chromium	mg/kg	19.76	19.87	20.33	ICPMS	<b>100</b>
Zinc	mg/kg	27.65	29.76	28.70	ICPMS	<b>140</b>
Arsenic	mg/kg	1.94	2.09	2.34	ICPMS	<b>29</b>

Note: ICPMS - Inductively coupled plasma mass spectrometry

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