

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



Bangladesh Inland Water Transport Authority (BIWTA)



The World Bank



MONTHLY PROGRESS REPORT APRIL 2025

**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 April 2025

Dredging Activities

During April 2025, dredging operations under Phase-II continued across Lot-2 and Lot-3. In Lot-2, activities faced significant disruptions at Route-09 due to repeated collapses of Dike No. 76 and mechanical issues with old and unreliable dredgers. Dredger Shagufta-04 deployed on April 2, 2025 but operated briefly from April 26–29, while Kazi & Kazi-01 deployed on April 25, 2025 but remained non-operational. The cumulative dredging volume for Lot-2 for all routes reached 81,094 m³ which is 13.4% of approved total BoQ volume. Monitoring Hydrographic survey is conducted by S1A Consultant in collaboration with Ahydtech to assess water depth, sediment levels, and overall navigability on Route-05 in this month.

In Lot-3, dredging progressed steadily across Routes 13, 16, and 21, achieving a total cumulative volume of 6, 48, 734 m³ which is 83.54% of total approved BoQ volume. A Hydrographic survey was completed on April 30 along Route 21.

Navigational aid inspections and repairs were ongoing. All aids to navigation in Lot-2 remained functional, and damaged beacons in Lot-3 were addressed following site inspections

Environmental and Social Safeguards

In April 2025, environmental monitoring and social safeguard assessments were conducted at dredging sites across Lot-2 and Lot-3. In Lot-2, twenty-four fish and two crustacean species were identified, including several species listed as Endangered (EN), Vulnerable (VU), and Near Threatened (NT) on the IUCN Red List.

No fish mortality, Ganges River Dolphin sightings, or evidence of freshwater turtles were recorded. Environmental parameters such as air quality, noise, and water quality were within the DOE limits, and overall site conditions showed no visible impacts from dredging activities.

In Lot-3, monitoring at three locations along Routes 16 and 21 indicated that air and water quality remained within national standards. Noise levels ranged from 67.22 dBA to 75.43 dBA. Average distances from operational dredgers during sampling were maintained at 167.81 m (nearest) and 917.23 m (farthest).

Seventeen fish and three crustacean species were observed, with limited fishing activity due to the juvenile Hilsa fishing ban. No dolphin or turtle sightings were reported, although Indian roofed turtles were noted in household ponds.

Health and safety conditions across both lots were well maintained, with active use of PPE, functional safety equipment, and no reported grievances. Social assessments recorded 90 disposal sites in Lot-2 and 35 in Lot-3, with 16 and 12 dikes constructed, respectively, under Phase-II.

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ABBREVIATION

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

CHAPTER 01: PROJECT DESCRIPTION IN A BRIEF

1.1 BASIC INFORMATION

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

1.2 RIVER BOUNDARY LOT-2

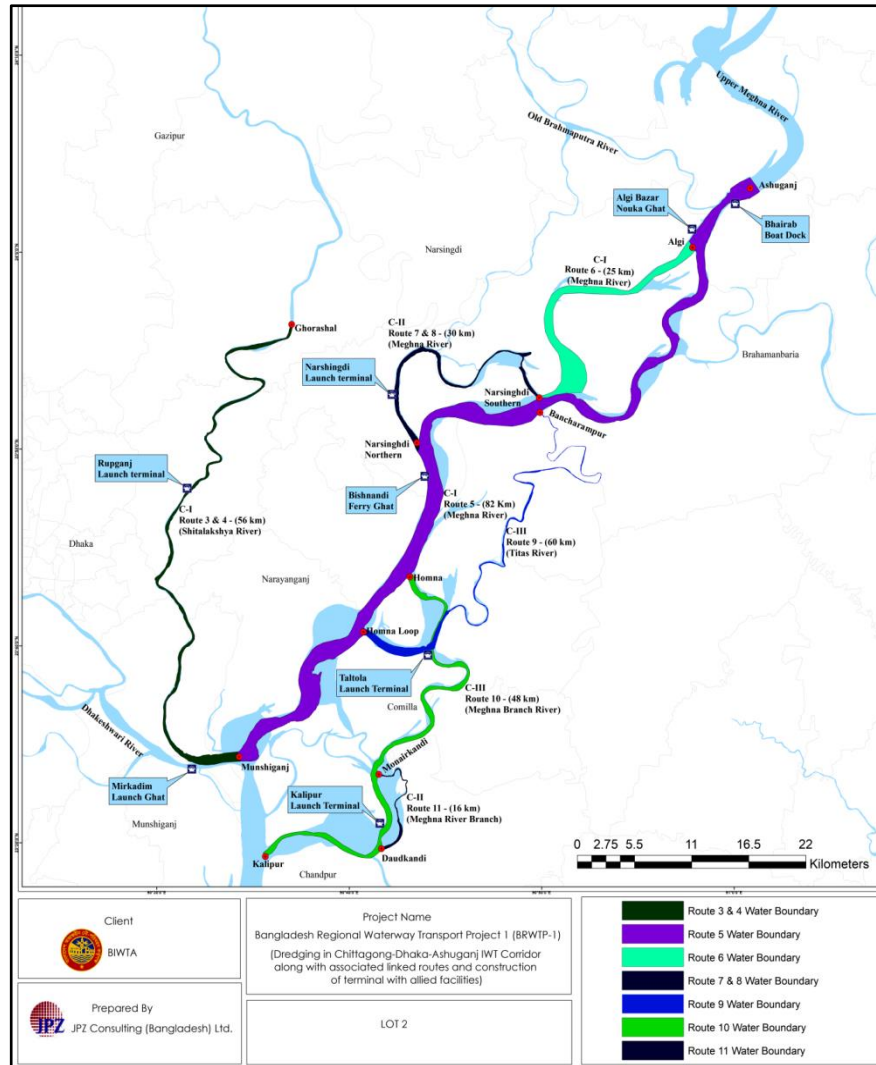


Figure 1: River Boundary Lot-2

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
Total			317		28.40

1.3 RIVER BOUNDARY LOT-3

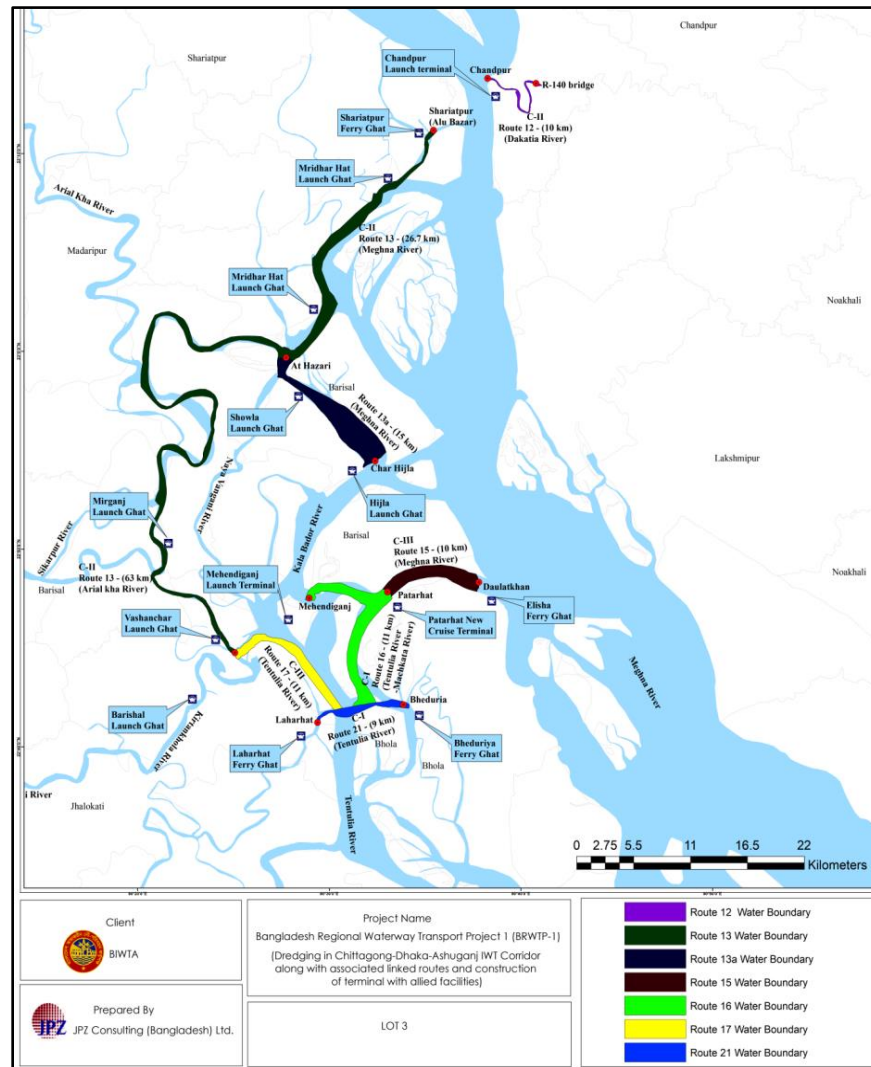


Figure 2: River Boundary, Lot-3

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
Total			164.3		4.4

CHAPTER 02: SALIENT FEATURES & MONTHLY PROGRESS

2.1 PROGRESS OF BRWTP-S1A:

2.1.1 Development and Maintenance Dredging Works and Monitoring Survey Records:

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

Following the commencement of the Phase-II period, Dike No. 76—owned by Mr. Md. Habibur Rahman (Shohag) of Muktarampur, PS - Nabinagar—collapsed three times. During this period, the average daily dredging time of Karnafuly-5 was recorded at 3 hours and 56 minutes. In response to these repeated failures, the contractor decided to deploy a lower suction dredger. Consequently, Karnafuly-5 remained on standby at Route-09 from February 28 to March 31, 2025.

The lower suction dredger Shagufta-04 arrived at Route-09 on April 2, 2025; however, dredging operations could not begin immediately due to the unavailability of labor and dredger crew at the site. Operations eventually commenced on April 26, 2025, and continued until April 29, 2025. Unfortunately, from April 30, operations were once again halted due to mechanical issues.

Another lower suction dredger, Kazi & Kazi-01, was deployed at Route-09 on April 25, 2025, but has yet to commence operations owing to persistent mechanical problems.

The S1A team handed over a total of six dykes at Route-09 to the contractor group—three dykes for Shagufta-04 and three for Kazi & Kazi-01. These dykes were jointly inspected on April 7, 2025, by PIU Assistant Engineer Mr. Mamun Khan along with representatives from the contractor group.

It is important to note that the contractor has been deploying old, long-idle, and mechanically unreliable dredgers, resulting in frequent breakdowns. The situation has been further exacerbated by the absence of technical experts, insufficiently trained manpower on-site, and poor workmanship from the contractor's side.

As of April 30, 2025, Lot-2 has achieved a cumulative dredging volume of 81,09.98 cubic meters. Hydrographic and monitoring surveys were conducted on Route 05.

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

Route No.	Volume in Cubic Meter					Dredging Start Date
	Jan-25	Feb-25	Mar-25	April-25	Total	
Route-05, Meghna (Ashuganj to Munshiganj), Ashuganj Cargo Terminal Area.	806	1600	400	000	2,806	25/01/2025
Route-09, Meghna (Bancharampur-Homna Loop).		3561	000	547	4,108	10/2/2025
Route-11, Gumti (Meghna loop approaching Dautkandi)		8,545	27,666.58	37,968.40	74,179.98	19/02/2025
Total	806	13,706	28,066.58	38,515.40	81,093.98	

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 April 2025

Survey type	Route	Location	Chainage	Date
Jointly post hydrographic survey	Route 05	Meghna (Ashuganj to Munshiganj). Ashuganj Old Port Area	0+050 to 0+250	16-April 2025 to 17-April 2025.
Monitoring hydrographic survey	Route 05	Meghna (Ashuganj to Munshiganj)	0+000 to 62+500	17-April 2025 to 30-April 2025

2.1.1.2 Dredging Status of Lot-3 (Up to April 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 April 2025, the total dredging volume completed is approximately 6,48,735 cubic meters which is approximately 83.56% of approved BoQ Volume.

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

Route No.	Volume in Cubic Meter								Dredging Start Date
	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	April-25	Total	
R-13 (Alubazar – Horina)	-	22,400	28,500	4,700	15,700	Dredging Completed	-	71,300	25/11/2024
R-16 (Patarhat – Bheduriya)	-	-	-	20,822	15,997	29,828	40,176	1,06,823	29/01/2025
R-21 (Laharhat – Bheduriya)	74,814	69,686	110,370	25,641	22,416	43,881	1,23,803	4,70,611	10/10/2024
Total	74,814	92,086	138,870	51,163	54,113	73,709	1,63,979	6,48,734	-

Source: S1A Field Information

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

Survey work	Route	Location	Chainage	Date
Hydrographic survey work for phase-II	Route 21	Tetulia (Patarhat to Bheduriya)	Chainage completed: 3+650 to 4+200	30 April, 2025

Source: S1A Field Information

2.1.1.3 Status Report on Navigational Aids Installation at Dredging Sites during April 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.

A site visit was carried out on April 24, 2025, by a team comprising representatives from the PIU, S1A, and the contractor to the P.C. Pole manufacturing yard for Lot 03. The purpose of the visit was to supervise the immediate actions taken to reinstall damaged beacons and ensure uninterrupted navigation.

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 (April 2025), monthly monitoring was conducted at River Route-9 Meghna (Banchampur-

Homna Loop). and River Route-11 Gumti (Meghna Loop Approaching Daudkandi) under Lot 2, as well as River Route-16 Meghna/Tentulia (Mehendiganj-Bheduria) and River Route-21 Tentulia (Bheduria - 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 April 2025

Month	Environmental Variables.	Lot2	Lot-3
		River Name and Sample Collection Location	River Name and Sample Collection Location
April 2025	Ambient air quality in and around the dredging site	River Route -9 Meghna (Banchampur-Homna Loop) and River Route-11 Gumti (Meghna loop approaching Daudkandi)	River Route-16 Meghna/Tentulia (Mehendiganj-Bheduria) and River Route-21 Tentulia (Bheduria - 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 90 disposal sites have been identified in the Lot-2 areas up to April 2025. In Phase II, a total of Sixteen (16) dikes have been completed and constructed, as detailed in Annex IV

Table 8: Dikes Scheduled for Dredging Initiation at Route-11 by April 2025

Disposal Area	Northing	Easting	Area (approx.)	Height (approx.)	Contain Capacity	Land Type	Distance from RB	Location
R11-D03	2604772	266144	37600 m2	1.8 m	67680 m3	Non-cultivable land, though occasionally cultivated.	90 m meter offset.	Daudkandi, Cumilla
	2604713	266224						
	2604679	266203						
	2604539	266173						
R11-D04	2605459	263492	7282 m2	2.45 m	19751.90 m3	Non-cultivable fallow land	220 m meter offset	Daudkandi, Cumilla
	2605426	266532						
	2605331	266457						
	2605366	266423						
R11-D05	2606553	267851	12672 m2	2.50 m	31680 m3	Non-cultivable land, though occasionally cultivated once a year.	900 m meter offset	Daudkandi, Cumilla
	2606481	267446						
	2606454	267422						
	2606419	2667467						
R11-D06	2605410	266494	4040 m2	2.92m	11796.8 m3	Non-cultivable private land	250-m offset	Daudkandi, Cumilla
	2605391	266374						
	2605355	266412						
	2605328	266332						
R11-D07	2605355	266353	1220 m2	2.70 m	3294 m3	Non-cultivable private land	280-m offset	Daudkandi, Cumilla
	2605302	266363						
	2605328	266402						
	2605271	266366						
R11-	90709851	23549477	11546.5	2.51 m	27935.02	Non-cultivable	250-m	Daudkandi,

Disposal Area	Northing	Easting	Area (approx.)	Height (approx.)	Contain Capacity	Land Type	Distance from RB	Location
D08	90709833	23549495	m2		m3	private land	offset	Cumilla
	90709822	23549494						
	90798833	23549492						
R11-D09	90715094	23547219	5612 m2	2.83m	15886.71 m3	Non-cultivable private land	200--m offset	Daudkandi, Cumilla
	90715090	23547201						
	90715601	23547220						
	90715580	23547123						
			79,972.5 m2		1,78,024.43 m3			

Source: S1A Field Information



Lot-3

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.

Three sites have been identified by S1A for dredged material disposal during this reporting period. The details are provided in the table below. The areas prepared for dredging initiation in April include R21-D26 and R21-D27. Each site is specified with its coordinates (EASTING and NORTHING), approximate area, elevation, and containment capacity. The designated land types primarily consist of non-cultivable fallow lands and low-lying areas, ensuring minimal impact on agricultural land. The total containment capacity of these dikes is estimated to be 21,189 cubic meters.

Table 9: Dikes Scheduled for Dredging Initiation at Route-21 by April 2025

Disposal Area	Northing	Easting	Area (approx.)	Height (approx.)	Contain Capacity	Land Type	Distance from RB	Location
R21-D26	2511711	248380	5376 m ²	1.5 m	8064 m ³	non-cultivable fallow land	800m offset.	Sreepur, Mehandiganj. Barisal
	2511662	248377						
	2511670	248498						
	2511716	248493						
R21-D27	2511672	248510	13125 m ²	1 m	13125 m ³	non-cultivable fallow land	800m offset	Sreepur, Mehandiganj. Barisal
	2511670	248654						
	2511599	248679						
	2511573	248524						
			18,501 m²		21,189 m³			



Figure 3: Photo of dredge material disposal area (ID-R21-D26)



Figure 4: Photo of dredge material disposal area (ID-R21-D27)

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 (April 2025)

Serial No	Date	Activity	Route name & Route number	Remarks
1	06.04.2025	Meeting with Union Chairman to request to visit the potential dikes. And visited the areas.	Gumti (Meghna loop approaching Dautkandi). Route-11 Lot_2	BRWTP-S1A field team lead by Mr. Sanwar
2	08.04.2025	Monitoring visit and discussion with the construction team before PC pole installation work at Route 21(Laharhat -Bheduria)	Route 21 (Laharhat -Bheduria)	Aids to Navigation, Expert and Team
3	10.04.2025	FGD was held in Notun Hasnabad village. Regarding dike selection and compensation. Also, regarding dredger size and pipe setting.	Gumti(Meghna loop approaching Daudkandi). Route-11 Lot_2	BRWTP-S1A team with local dignitaries and farmers or landowners
4	16.04.2025	Discussion and Monitoring dredging activities at Route 21 (Laharhat – Bheduria)	Route 21 (Laharhat -Bheduria)	Supervision of dredging activities
5	17.04.2025	Monitoring PC pole installation work at Route 21(Laharhat –Bheduria)	Route 21 (Laharhat -Bheduria)	Aids to Navigational Works
6	20.04.2025	Discussion with UNO and with the AC (Land) of Daudkandi 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.	Gumti(Meghna loop approaching Daudkandi). Route-11 Lot_2	BRWTP-S1A field team and PIU Assistant Engr. Mamun Khan
7	24.04.2025	Focus group discussion and new disposal area visit and meeting with local people for dredging at Patarhat. New disposal area dyke no.4	Route 16 (Patarhat -Bheduria)	Social Work
8	26.04.2025	Focus group discussion and new disposal area visit and meeting with local people for dredging at Patarhat. New disposal area dyke no.4	Route 16 (Patarhat -Bheduria)	Social Work
9	28.04.2025	Meeting with UNO sir of	Meghna (Bancharampur-Homna	

Serial No	Date	Activity	Route name & Route number	Remarks
		Bancharampur Upazila for dredging program of Route 09.	Loop). BRWTP-S1A, Route 09 Lot_2	
10	29.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 53+100 to 62+500 Place: Ontarampur to Ulikandi Length: 9400m Visited the newly arrived dredger Kazi & Kazi-1, at Route-09, standby beside Bishnorampur Bazar area.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2 Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	
11	30.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 62+500 to 71+300 Place: Ulikandi to Chalibhanga Length: 8800m	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	

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), April 2025:

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

Furthermore, during the reporting month, no complaints were lodged. S1A consultants are actively working to address any potential grievances through regular field-level communication and cooperation with the local administration.

Table 10: Monthly Progress of GRM Report, April 2025 in Lot-02 & Lot-03

Sl. No.	Issues	Status	S1A Comments
1.	River Traffic Management	No complaints were lodged.	No complaints have been received during this reporting period.
2.	Public Health and Dredge Material Disposal on Land	No complaints were lodged.	No complaints have been received during this reporting period.
3.	Fishermen and other related Groups on Their Livelihoods	No complaints were lodged.	No complaints have been received during this reporting period.
4.	Dike Selection	No complaints were lodged.	No complaints have been received during this reporting period.
5	Land Use Agreement	No complaints were lodged.	No complaints have been received during this reporting period.

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 April 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:

As of April 30, 2025, Lot-2 has achieved a total cumulative dredging volume of 81,093.98 cubic meters. Monitoring Hydrographic surveys were conducted on Route 05.

2.2.2 Environmental Quality Assessment of Lot-2 Sites:

A total of twenty-four (24) species of fish and two (02) species of crustaceans were observed during the fisheries survey. Sal Baim (*Mastacembelus armatus*) is categorized as Endangered (EN). Boal (*Wallago attu*), Chapila (*Gudusia chapra*), and Foli (*Notopterus notopterus*) are categorized as Vulnerable (VU). Dhela (*Osteobrama cotio*), Ghora Gutum (*Canthophrys gongota*), Meni (*Nandus nandus*), and Tara Baim (*Macrognathus aculeatus*) are listed as Near Threatened (NT). The remaining species are listed as Least Concern (LC) according to the IUCN Red List of Bangladesh (2015).

During the survey period, the team did not observe any visible fish mortality within and around the dredging site location.

During the monthly visit in April 2025, no Ganges River Dolphins (*Platanista gangetica*) was seen along the surveyed route. However, discussions with residents and fishermen in the area confirmed that Ganges River Dolphins (*Platanista gangetica*) may rarely be found along route 11 during the monsoon season.

No freshwater turtles were directly observed within the dredging site, dike area, or nearby local vicinity. Additionally, the team did not detect any apparent signs of turtle species during their observations.

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

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. However, based on the Joint Pre-Survey verified through a hydrographic survey, the actual volume was determined to be 778,135 cubic meters. This revised volume has been agreed upon by the S1A Consultant and the Contractor and has been submitted to the PIU for approval. As of March 2025, the cumulative dredging volume completed is approximately 484,755 cubic meters.

2.3.2 Environmental Quality Assessment of Lot-3 Site:

During the reporting month of April 2025, comprehensive environmental monitoring was conducted at three locations along Routes 16 and 21. The assessments included air quality, noise levels, surface water quality, riverbed sediment conditions, and underwater noise levels.

Air quality measurements at all monitored locations were found to be within the standard limits. The highest recorded noise level was 75.43 dBA near the Patarhat Launch Ghat on Route 16, primarily due to local vehicular movement such as engine boats, speedboats, and launches. The lowest recorded noise level was 67.22 dBA, observed opposite the Patarhat Launch Ghat on the same route.

Surface water quality results confirmed compliance with the national standards of Bangladesh. The average distances maintained from operational dredgers during environmental parameter sample collection were 167.81 meters (nearest) and 917.23 meters (farthest).

The DHARTI-BANGA JV completed the first phase of development dredging on May 30, 2024. The second phase began on October 10, 2024, along Routes 13, 16, and 21, employing three dredgers and a standby workforce of 60 personnel to support the operations.

In this reporting month limited fishing activities were observed due to juvenile Hilsa ban period consequently catch was limited. Seventeen (17) species of fish were observed to catch in the River Route 16 & 21. In addition, three (03) species of crustacean (prawn) were also observed to be caught in the river. No instances of visible fish mortality were detected in or around the dredging or disposal areas.

No sightings of the Ganges River Dolphin (*Platanista gangetica*) were made in the River Routes 16 and 21 during the April 2025 site visits. Interviews with residents and fishermen indicated that dolphins have not been observed in recent years.

Similarly, there were no direct observations of freshwater turtles in the dredger placement areas, dredging sites, dike zones, or surrounding communities. However, discussions with locals revealed that while turtle sightings in the river or char land areas have not occurred in the past few years, Indian roofed turtles are occasionally seen in household ponds.

Monthly reviews confirmed that all fire extinguishers in key areas were functional. Workers had access to well-stocked first aid kits and handwashing stations. Personal Protective Equipment (PPE) was used effectively, and safety signboards were in place to ensure compliance with safety protocols. No grievances or complaints were reported during the month.

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

3.1 ACHIEVEMENT OF THIS MONTH (April 2025):

S1A CONSULTANT

- a) Monitoring hydrographic surveys on Route 05 has been carried out throughout April 2025 under Lot 2.
- b) Hydrographic survey on Route 21 has been carried out throughout April 2025 under Lot 3.
- c) Field visits were carried out by the S1A-ESHS team for both the lots.
- d) 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 only Routes 11.

LOT-3

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

3.2 NEXT MONTH PLAN:

S1A CONSULTANT ACTION PLAN

A. Monitoring and Supervising Hydrographic Survey and Dredging

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

4.1 CONCLUSION

As of April 2025, significant progress was made in both Lot-2 and Lot-3 under the BRWTP-S1A project, with a cumulative dredging volume of 81,093.98 m³ in Lot-2 and 6,48,734 m³ in Lot-3. Dredging activities faced delays in Lot-2 due to equipment unavailability, and mechanical issues, whereas Lot-3 progressed steadily across designated routes.

Environmental monitoring showed no adverse impact on water, air, noise, or aquatic biodiversity across all monitored sites. No dolphin or turtle sightings were recorded, and no fish mortality was observed. Social safeguards were well-maintained, with 90 disposal sites in Lot-2 and 35 in Lot-3.

Public consultations were held regularly, and grievance mechanisms remained active with no complaints reported. Occupational health and safety measures, including PPE use, sanitation, and fire safety, were in place, though PPE usage needs improvement. Overall, dredging and environmental safeguards are progressing with room for operational and planning enhancements.

4.2 RECOMMENDATIONS

To ensure steady progress and timely completion of the dredging works under BRWTP-1, it is crucial that the contractor increases the deployment and availability of dredging equipment. Timely mobilization and optimal utilization of dredgers and support vessels across all designated stretches will help sustain momentum and reduce delays. Strengthening coordination and planning, especially in collaboration with subcontractors and material suppliers, will contribute to more efficient resource allocation and smoother execution of work schedules.

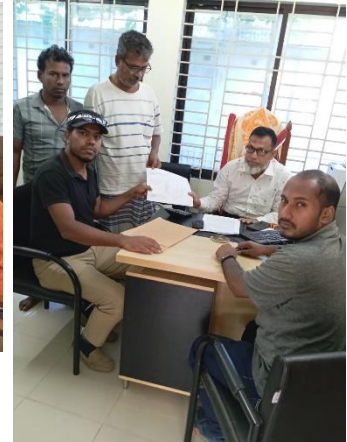
Health, safety, and environmental compliance must remain a high priority. While regular monitoring is in place, the frequency of safety audits and capacity-building initiatives should be increased to reinforce awareness and adherence to best practices among workers. Any existing backlog or deviation from the planned schedule should be addressed proactively through well-defined catch-up strategies, with progress tracked through weekly coordination meetings and field reviews.

Additionally, there is a need to improve contractors' documentation and reporting standards. The timely submission of daily logs, survey findings, and progress updates is essential for maintaining transparency and enabling swift decision-making by supervising authorities.

CHAPTER 05: ANNEXURE

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

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



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



ANNEX II:

Observed fish species for the month of April, 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**
Fish Species						
1.	Sal Baim	Zig-Zag Eel	<i>Mastacembelus armatus</i>	Gobiidae	EN	NE
2.	Baicha	Dwarf gourami	<i>Trichogaster lalius</i>	Osphronemidae	LC	LC
3.	Bele	Tank Goby	<i>Glossogobius giuris</i>	Gobiidae	LC	LC
4.	Chanda	Indian Glassy Fish	<i>Parambasis ranga</i>	Ambassidae	LC	NT
5.	Guchi Baim	Stripped Spiny Eel	<i>Macrognathus 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.	Potka	Ocellated Pufferfish	<i>Tetraodon cutcutia</i>	Tetraodontidae	LC	LC
16.	Shing	Stinging Catfish	<i>Heteropneustes fossilis</i>	Heteropneustidae	LC	LC
17.	Taki	Spotted Snakehead	<i>Channa punctata</i>	Channidae	LC	LC
18.	Dhela	Cotio	<i>Osteobrama cotio</i>	Cyprinidae	NT	LC
19.	Ghora Gutum	Gongota Loach	<i>Canthophrys gongota</i>	Cobitidae	NT	LC
20.	Meni	Mud Perch	<i>Nandus nandus</i>	Nandidae	NT	LC
21.	Tara Baim	One-stripe Spinyeel	<i>Macrognathus aculeatus</i>	Mastacembelidae	NT	NE
22.	Boal	Freshwater shark	<i>Wallago attu</i>	Siluridae	VU	NT
23.	Chapila	Indian River Shad	<i>Gudusia chapra</i>	Engraulidae	VU	LC
24.	Foli	Grey Featherback	<i>Notopterus notopterus</i>	Notopteridae	VU	LC
Crustaceans						
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

Source: Field Visit, April 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

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

Source: Field Visit, April 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 April, 2025

Field Movement Lot-2 April, 2025

Serial No	Date	Activity	Route name & Route number	Remarks
01	02.04.2025	New 14" CSD Dredger name Sagufta-4 comes to the site.	Meghna (Bancharampur-Homna Loop). Route-09 Lot_2	BRWTP-S1A
02	06.04.2025	Data Enumerator Sanwar visiting preselected dyke with Union Chairmain.	Gumti (Meghna loop approaching Dautkandi). Route-11 Lot_2	BRWTP-S1A
03	07.04.2025	Dredger Sagufta-4 pipe comes to the site.	Meghna (Bancharampur-Homna Loop). Route-09 Lot_2	BRWTP-S1A
04	08.04.2025	Visiting Joykali mondir area with new surveyor Atik for looking site condition of Dredger Sagufta-4.	Meghna (Bancharampur-Homna Loop). Route-09 Lot_2	BRWTP-S1A
05	09.04.2025	Visiting Dorabangha area with new surveyor Atik for looking Dyke-75 site condition.	Meghna (Bancharampur-Homna Loop). Route-09 Lot_2	BRWTP-S1A
06	10.04.2025	FGD was held in Notun Hasnabad village with the local dignitaries and farmers or landowners for the 26" dredger.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	After inspecting the agricultural land on the ground, compensation was given and instructions were given to set the pipe of the 26" dredger from today.
07	14.04.2025	New Dyke measurement for Dredger KSBL-05 at Route-11	Gumti (Meghna loop approaching Dautkandi). Route-11 Lot_2	BRWTP-S1A
08	17.04.2025	Hydrographic Post work Survey at Route_05, Lot_02, by Ahydtech survey team.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 0+050 to 0+250 Place: Ashuganj Port Area, Length:200 m
09	18.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 0+000 to 5+200 Place: Ashuganj Length:5200 m
10	19.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 5+200 to 11+600. Place:Ashuganj Length: 6400m
11	20.04.2025	visited at R-11 Dautkandi site. Discussion with the UNO and with the AC (Land) of Dautkandi, regarding the progress of ongoing dredging activities.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	PIU Assistant Engr. Mammun Khan, inspected dredgers, floating and shore pipelines, active dredging zones, and observed both selected and potential dyke locations.
12	21.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 11+600 to 18+900 Place: Lalpur to Shodagarkandi Length: 7300m
13	22.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 18+900 to 22+700 Place: Shodagarkandi to Shitarampur Length: 3800m
14	23.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 22+700 to 29+700 Place: Shitarampur to Maniknagar Length: 7000m
15	24.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 29+700 to 38+900 Place: Maniknagar to Joykalipur Length: 9200m
16	25.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 38+900 to 45+100. Place: Joykalipur to shantipur, Length: 6200m
17	26.04.2025	Name of Dredger: Sagufta – 04, Starting dredging Route 09, D75	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	Chainage: 1170 to 1182
18	27.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 45+100 to 53+100 Place: Shantipur to Ontarampur, Length: 8000m

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
19	27.04.2025 and 28.04.2025	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.
20	28.04.2025	Meeting with UNO sir of Bancharampur Upazila for dredging programme of Route 09.	Meghna (Bancharampur-Homna Loop). Route-09 Lot_2	BRWTP-S1A
21	29.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Visited the newly arrived dredger Kazi & Kazi-1, at Route-09, standby beside Bishnorampur Bazar area.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2 Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	Chainage: 53+100 to 62+500 Place: Ontarampur to Ulikandi Length: 9400m
22	30.04.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing.	Meghna (Ashuganj to Munshiganj). BRWTP-S1A, Route-05 Lot_2	Chainage: 62+500 to 71+300 Place: Ulikandi to Chalibhanga, Length: 8800m

Field Movement Lot-3 April, 2025

Serial No.	Date	Activity	Route name & Route number	Remarks
1	06.04.2025	Monitoring dredging activities at route 21 (Laharhat –Bheduria)	Route 21 (Laharhat -Bheduria)	Supervision of dredging activities
2	08.04.2025	Monitoring PC pole installation work at Route 21(Laharhat -Bheduria)	Route 21 (Laharhat -Bheduria)	Aids to Navigational Works
3	09.04.2025	Monitoring PC pole installation work at Route 21(Laharhat –Bheduria)	Route 21 (Laharhat -Bheduria)	Aids to Navigational Works
4	16.04.2025	Monitoring dredging activities at route 21 (Laharhat –Bheduria)	Route 21 (Laharhat -Bheduria)	Supervision of dredging activities
5	17.04.2025	Monitoring PC pole installation work at Route 21(Laharhat –Bheduria)	Route 21 (Laharhat -Bheduria)	Aids to Navigational Works
6	18.04.2025	Monitoring PC pole installation work at Route 15&16 (Elisha –Patarhat-Bheduriya))	Route 15&16(Elisha – Patarhat-Bheduriya))	Aids to Navigational Works
7	19.04.2025	Monitoring PC pole installation work at Route 17 (Athazar –Bheduriya))	Route 15&16(Elisha – Patarhat-Bheduriya))	Aids to Navigational Works
8	24.04.2025	Focus group discussion and new disposal area visit and meeting with local people for dredging at Patarhat. New disposal area dyke no.4	Route 16 (Patarhat -Bheduria)	Social Work
9	26.04.2025	Focus group discussion and new disposal area visit and meeting with local people for dredging at Patarhat. New disposal area dyke no.4	Route 16 (Patarhat -Bheduria)	Social Work
10	30.04.2025	Hydrographic post survey jointly with Dharti-Banga survey team at route 21 Lot-3	Route 21 (Laharhat -Bheduria)	Hydrographic post 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

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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. 2948/2149/2150/2151/2152, BS 650-JL no. 13.	192	Agriculture land (One Crop)	Done
D19	9	Md. Kabir Hossain NID: 1210488087685 Mbl: 01789160113	Village:Akanagar Union: Tejkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2152, BS-642 JL no. 13.	32	Agriculture land (One Crop)	Done
D20	9	1. Jasim Uddin NID: 7798370685 Mbl: 01717531207 2. Oli Mia NID: 9152173382 Mbl: 01720322353	Village: Bishnursmpur Union: Bishnursmpur Upazila:Bancharampur ur District: Brahman Baria	Mouza: Bishnursmpur, SA Khatian: 11, Plot no: 298,1428,1646,1655,1654, JL No 43	59	Agriculture land (One Crop)	Done
D21	9	Safar Ali NID: 2398388328 Mbl: 0191438148	Village:Akanagar Union: Tejkhali Upazila:Bancharampur 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: 821,621,711,622,624,810,1070,623,626,710,711,1179 JL No. 41	119	Agriculture land (One Crop)	Done
D24	9	Aminul Islam (Liton) NID: 9917405796 Mbl: 01310822838	Village: Bishnursmpur Union: Bishnursmpur Upazila:Bancharampur 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: 1308,1497,1448,427,1105 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: 5760,5705,5707,5790,6370,6698,5744,5711,5384,5715 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: Tezkhali 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: Tezkhali 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: Tezkhali 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: Tezkhali 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: Tezkhali 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 District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:1154 Plot: 1594 JL No:01	86	Fallow Land	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 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

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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 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: Alokballi 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: Alokballi 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: Alokballi 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: Alokballi 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: 6711/6512/6706/6727/6 712/7364/7369/7794/7868; JL No: 62	170	Agriculture land (One Crop)	Done
D 72	6	2. Sahad Mia NID: 1481632832 Mbl: 01855992870 2. Md. Jalal Fakir NID: 5851625392 Mbl: 01759252667	Village: Char Modhua Union: Char Modhua Upazila:Roypura District: Narsingdi	Mouza: Char Modhua CS Khatian No: 637 SA Plot No: 1062/1011/894/1131/42/131/806/811/913/1042/181/1188; 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
74 dikes	04 River Routes				Total Land 9,669 (Decimal)		

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

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: Jafraabad	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

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 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
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 90	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
Total dike 16	Total Route 02				2170		

Lot-3

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

Dike	Route	Land Owner	Land	GFA
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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

no.	No	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*
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*

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 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*
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: Shariatpur	Did not collect yet	446	Agriculture land (One Crop)	yet to be done*
Total dike23	Total Route 03				12,469		

Note:

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

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

Dike no.	Route	Land Owner	Land	GFA
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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

	No	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 N I D : 6 4 6 1 0 1 7 2 8 4 M o b i l e # 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: Mehendiganj 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
D 35	13 (Extension of the dyke no.	Yunus Gazi and Md. Didar Mbl# 01722495773	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariatpur	Did not collect yet	150	Khas Land	Govt. Land
Total dike 12	Total Route 03				6918		

ANNEX-V: Dredging Progress Lot- 3 Contractor

Dredging Progress in April,2025 Under Phase-II, Lot-3

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

Route No.	Dredger Name	Dredging Location	Dredging Period	Chainage (KM)	Cutting Length(m)	Dredging Status	Dyke Status	Remarks
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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

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	05-04-2025 to 30-04-2025	00+0 to 0+500	500 (2 nd cut/width 38 m)	In Progress	Dyke No: R16-D7	
21	Banga Padma	Bheduria Ferry Ghat	01-04-2025 to 29-03-2025	7+000 to 7+450	450 (2 nd cut/width 38m)	In Progress	Dyke No: R21-D21	
21	Banga Jamuna	Sreepur launch Ghat	02-04-2025 to 30-04-2025	7+800 to 8+500	700 (2 nd cut/width 38m)	In Progress	Dyke No: R21- D24	

ANNEX-VI:

Environmental Quality Assessment and Compliance Status for April, 2025

Environmental Quality Assessment for April, 2025 of Lot-2

SI No.	Item	Parameters	Baseline	Route-09	Baseline	Route-11	S1A April 2025
			Data of Route 09 January 2023	April 2025	Data of Route 11 January 2023	April 2025	
1	Air Quality	SPM	140.34	131.37	157.82	149.93	*WAL
		PM10	58.34	69.15	72.37	72.93	WAL
		PM2.5	31.43	42.55	41.35	44.72	WAL
		SO2	15.29	21.83	18.25	24.11	WAL
		NO2	12.75	28.68	15.89	30.74	WAL
		CO	1.3	0.5	1.3	0.5	WAL
2	Noise Level	LEQ day	61.6	61.7	70.6	74.2	WAL
		Lmax	76	71.7	82.9	67.4	WAL
		Lmin	42.8	45.8	44.6	51.3	WAL
3	Underwater Noise Level	LAvg [dB (A)]	-	52.4	-	56.2	WAL
4	Surface Water Quality	Temperature	22.1	26.2	22.4	25.7	WAL
		EC	170	202	290	390	WAL
		pH	7.20	7.79	7.98	7.54	WAL
		TDS	160	100	150	194	WAL
		DO	4.5	5.2	5.8	5.9	WAL
		BOD5	10	4.9	0.3	4.2	WAL
		TSS	83	154	87	165	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	-	13.29	-	12.29	WAL
		Cadmium	-	0.07	-	0.09	WAL
		Chromium	-	12.04	-	13.29	WAL
		Zinc	-	13.94	-	10.76	WAL
		Arsenic	-	1.78	-	1.67	WAL

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

Environmental Quality Assessment for April 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
				April 2025		April 2025	
1	Ambient Air Polluants' Concentration in $\mu\text{g}/\text{m}^3$	SPM	170.65	97.11	165.12	89.60	WAL
		PM10	81.24	58.34	72.15	52.40	WAL
		PM2.5	42.85	27.53	47.28	24.42	WAL
		SO2	16.44	15.24	13.69	18.98	WAL
		NO2	21.40	19.89	22.18	23.15	WAL
		CO	1.1	0.7	0.6	0.9	WAL
2	Noise Level	LEQ day	53.5	67.22	62.35	72.39	WAL
		Lmax	75.7	84.21	82.53	88.06	Mixed Area.
		Lmin	32.8	35.76	39.76	37.55	WAL
3	Under Water Noise Level	LAvg [dB (A)]	-	58.3	-	62.6	WAL
4	Surface Water Quality	Temperature	22.0	29.8	24.8	27.5	WAL
		EC	280	282	290	318	WAL
		pH	7.91	7.45	7.77	8.05	WAL
		TDS	140	144	137	159	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	S1A Remarks April 2025
				April 2025		April 2025	
5	Riverbed Sediment	DO	6.3	7.9	7.0	6.6	WAL
		BOD5	0.6	5.5	1.5	5.9	WAL
		TSS	29	55	86	50	WAL
		Lead	12.01	10.65	10.17	12.80	WAL
		Cadmium	0.058	0.078	0.054	0.077	WAL
		Chromium	17.14	27.05	12.76	25.79	WAL
		Zinc	38.65	29.98	23.48	33.65	WAL
		Arsenic	2.01	3.21	1.57	2.67	WAL

*WAL=Within Approved Limit.

Compliance Status for April 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	A total of twenty-four (24) species of fish and two (02) species of crustaceans were observed during the fisheries survey. During the survey period, the team did not observe any visible fish mortality within and around the dredging site location. During the monthly visit in April 2025, no Ganges River Dolphins (<i>Platanista gangetica</i>) was seen along the surveyed route. However, discussions with residents and fishermen in the area confirmed that Ganges River Dolphins (<i>Platanista gangetica</i>) may rarely be found along route 11 during the monsoon season. No freshwater turtles were directly observed within the dredging site, dike area, or nearby local vicinity. Additionally, the team did not detect any apparent signs of turtle species during their observations	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

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		
River Traffic/ Transport	River traffic-related signboards have already been fixed to ensure a safe river traffic movement		No mitigation measure is required		P	-	Install river traffic related signboards and navigational Aids	
Accidental Spillage	No reports yet	Oil spill emergency plan. 24/7 ready plan	-		P	-	Logbook to be maintained, in case, of any incident, report to the authority	
Sediment leakages from pipes and sediment disposal	No significant leakages were observed with the floater and/or delivery pipe	Maintain pipes	Pipes regularly checked	-	P	-	Stop dredging, fix the 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 April 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 limited fishing activities were observed due to juvenile Hilsa ban period consequently catch was limited. Seventeen (17) species of fish were observed to catch in the River Route 16 & 21. In addition, three (03) species of crustacean species (prawn) were also observed to be caught in the river. No visible fish mortality. No sightings of the Ganges River Dolphin during the April 2025 site visits. Interviews with local residents and fishermen indicated that dolphins have not been observed in recent years. Similarly, there were no direct	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

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		
	observations of freshwater turtles in the dredger placement areas. However, discussions with locals revealed that while turtle sightings in the river or charland areas have not occurred in the past few years, Indian roofed turtles are occasionally seen in household ponds.							
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
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?

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

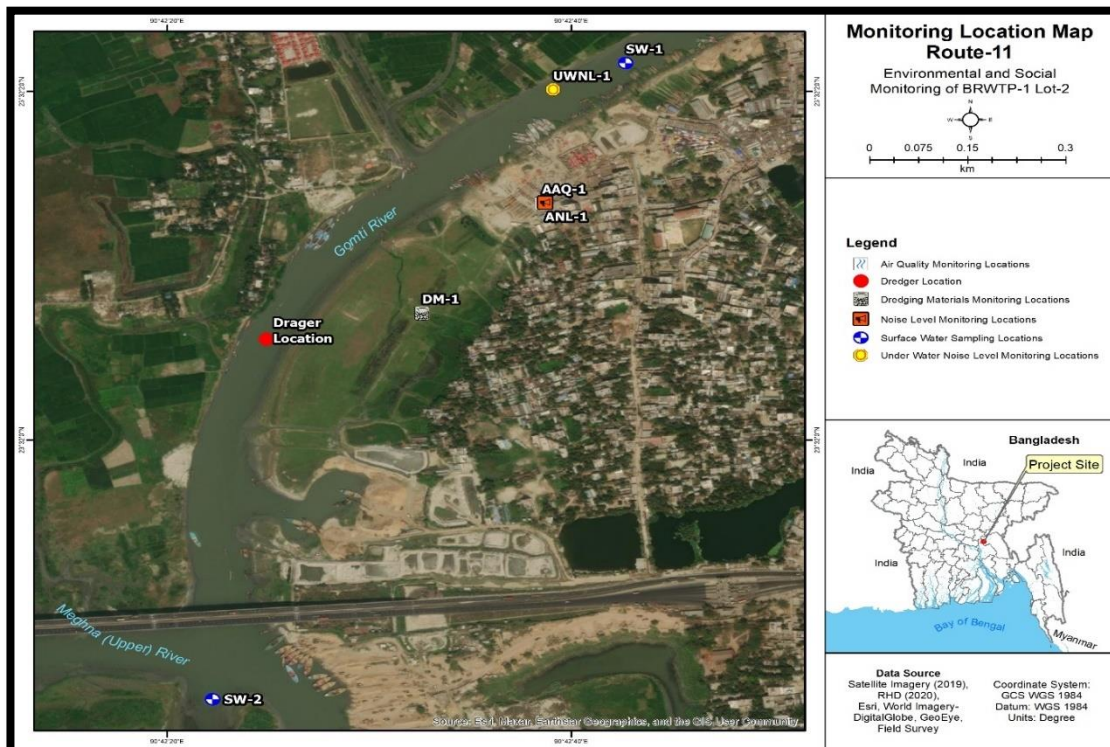
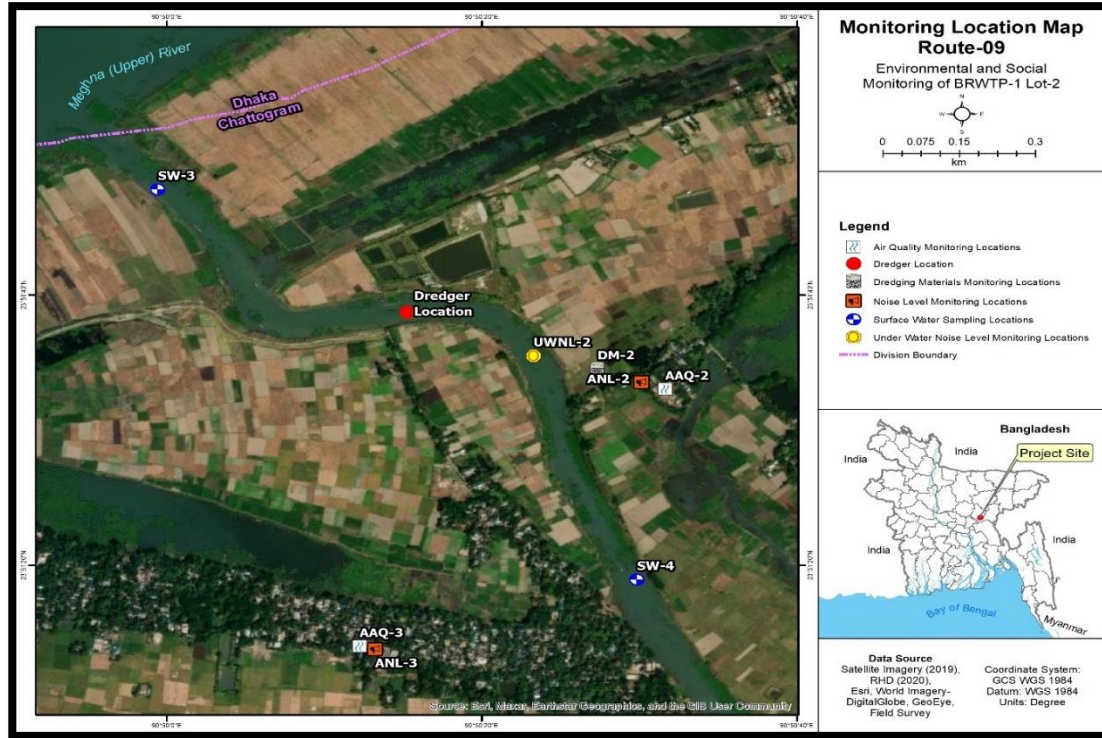
Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	ComplianceStatus			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
Cultural and archeological Sites	Preservation of such 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, April 2025

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



ANNEX VIII: Laboratory Test Results of Environmental Parameters Lot-2 and Lot-3, April 2025

LOT-2



Ref: ELRC/Air Quality/2025047912

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11
Monitoring Activity	: Ambient Air Quality
Location	: AQ1: Near Ferry Ghat, Daudkandi, Route-11 (23.540207° 90.714446°) AQ2: Near Muktarampur High School, Route-09 (23.857575° 90.845096°)
Monitoring Date	: 27.04.2025 to 28.04.2025
Reporting Date	: 04.05.2025

Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m3					CO mg/m3
		SPM	PM10	PM2.5	SO2	NO2	
AQ1	27.04.2025	149.93	72.93	44.72	24.11	30.74	0.5
AQ 2	28.04.2025	131.37	69.15	42.55	21.83	28.68	0.5
Air Pollution (control) rules, 2022*		-	150	65	80	80	5
Method of Analysis Instrument Use: Haz-Scanner TM (HIM, 6000)		Particulates Sensor Light Scattering Nephelometer			High Sensitivity Electrochemical		

Note: * Air Pollution (Control) Rules, 2022

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



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Ref: ELRC/Noise Level/2025047913

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Monitoring Activity	:	Noise Level
Location	:	NL1: Near Ferry Ghat, Daudkandi, Route-11 (23.540198° 90.714392°) NL2: Near Muktarampur High School, Route-09 (23.857717° 90.844994°)
Monitoring Date	:	27.04.2025 to 28.04.2025
Reporting Date	:	04.05.2025

Description of Analysis:

Location	Noise level (dB(A))			Bangladesh Standard (dB(A)) *	IFC EHS Guideline (2007)	Location setting
	Leq _{day}	L _{max}	L _{min}	Day	Day	Mixed area
NL1	67.4	74.2	51.3	60	70	
NL2	61.7	71.7	45.8	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: ELRC/Underwater Noise Level/2025047914

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Monitoring Activity	:	Noise Level
Location	:	UWNL1: Gomati River; Route-11 (23.548383° 90.715687°) UWNL2: Titas River; Route-09 (23.859293° 90.839992°)
Monitoring Date	:	27.04.2025 to 28.04.2025
Reporting Date	:	04.05.2025

Description of Analysis:

Code	Location	L _{Avg} [dB (A)]	*Standard
UWNL-1	Gomati River; Route-11	57.9	No International/ GoB Standard
UWNL-2	Titans River Route- 09	55.6	



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Ref: ELRC/Surface Water Quality/2025047914

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	:	Surface Water Sampling
Location	:	SW1: Gomati River; Route-11 (23.546331° 90.716047°) SW2: Gomati River; Route-11 (23.553034° 90.712976°) SW3: Titas River; Route-09 (23.862037° 90.834293°) SW4: Titas River; Route-09 (23.856325° 90.840854°)
Sample Collector	:	Amit kumar Saha
Sampling Date	:	27.04.2025 to 28.04.2025
Reporting Date	:	04.05.2025

Description of Analysis:

Parameters	Unit	Concentration Present				Bangladesh Standard
		SW1	SW2	SW3	SW4	
Temperature	°C	25.7	25.8	26.2	26.4	-
EC	µS/cm	390	376	202	210	-
Turbidity	NTU	4	4.1	5.4	5.7	-
pH	-	7.54	7.59	7.79	7.82	6-9
TDS	ppm	194	188	100	103	1000
DO	mg/L	5.9	6.1	5.2	5	5 or more
Potassium	mg/L	26	29	14	18	-
Calcium	mg/L	27	29	20	21	-
Magnesium	mg/L	25	24	19	17	-
Phosphate	mg/L	1.3	1.1	1.7	1.6	-
Chloride	mg/L	19	18	15	13	-
Fluoride	ppm	0.8	0.9	0.2	0.4	-
Nitrate	mg/L	0.8	0.5	0.9	1.0	7
BOD5 (at 20°C)	mg/L	4.2	4.1	4.9	5	6 or less
Sulfate	mg/L	19	21	28	27	-
TSS	mg/L	165	172	154	159	-

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



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Ref: ELRC/Dredge Material/2025047915

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	:	Dredge Material
Location	:	DM-1: Near Notun Hasnabad, Route-11 (23.547370° 90.715170°) DM-2: Near Muktarampur, Route-09 (23.859056° 90.841823°)
Sampling Date	:	Amit Kumar Saha
Reporting Date	:	27.04.2025 to 28.04.2025

Description of Analysis:

Parameter	Unit	Sediment Quality – Lot 2		Methodology	Dutch Environmental Standard (mg/kg)
		DM-1	DM-2		
Lead	mg/kg	12.29	13.29	ICPMS	85
Cadmium	mg/kg	0.09	0.07	ICPMS	0.8
Chromium	mg/kg	13.29	12.04	ICPMS	100
Zinc	mg/kg	10.76	13.94	ICPMS	140
Arsenic	mg/kg	1.67	1.78	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry



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LOT-3



Ref: ELRC/Air Quality/ AQMM2025-04

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	:	Ambient Air Quality
Monitoring Date	:	16.04.2025
Monitoring Location	:	Route 16; (AQ-1)- 22°47'59.21"N 90°31'23.29"E Route 16; (AQ-2)- 22°47'18.31"N 90°31'32.00"E Route 21; (AQ-3)- 22°41'59.24"N 90°33'28.38"E

Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m ³					CO mg/m ³
		SPM	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	
AQ-1 Route 16	16/04/2025	115.79	69.43	31.60	20.56	25.78	0.9
AQ-2 Route 16	16/04/2025	97.11	58.34	27.53	15.24	19.89	0.7
AQ-3 Route 21	16/04/2025	89.60	52.40	24.42	18.98	23.15	0.9
Air Pollution (control) rules, 2022*		-	150	65	80	80	5
Method of Analysis Instrument Use: Haz-Scanner TM (HIM, 6000)		Particulates Sensor Light Scattering Nephelometer			High Sensitivity Electrochemical		

Note: * Air Pollution (Control) Rules, 2022

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

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Ref: ELRC/Noise Level/ NLMM2025-04

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	:	Noise Level
Location	:	NL1 22°47'58.47"N 90°31'24.18"E, (Route 16) NL2 22°47'17.83"N 90°31'32.68"E, (Route 16) NL3 22°41'59.17"N 90°33'26.24"E, (Route 21)
Monitoring Date	:	16.04.2025

Description of Analysis:

Location	Noise level (dB(A)) ¹			Bangladesh Standard (dB(A)) ²	IFC EHS Guideline (2007) ³	Location setting
	Leq _{day}	L _{max}	L _{min}	Day	Day	
NL1	75.43	92.54	39.30	-	-	-
NL2	67.22	84.21	35.76	-	-	-
NL3	72.39	88.06	37.55	-	-	-

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.

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

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

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

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Ref: ELRC/Surface Water Quality/ SWMM2025-04

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 & 16, 17 and 21
Description of Sample	:	Surface Water
Location	:	Route- 16, & 21.
		SW1 - 22°48'7.11"N 90°31'3.84"E, Route 16
		SW2 - 22°47'19.04"N 90°31'41.06"E, Route 16
		SW3 - 22°42'0.55"N 90°33'33.81"E, Route 21
Sampling Date	:	16.04.2025

Description of Analysis:

Parameters	Unit	Concentration Present (Route -16, & 21)			Bangladesh Standard
		SW1	SW2	SW3	
Temperature	°C	28.8	29.8	27.5	-
EC	µS/cm	294	282	318	-
Turbidity	NTU	12.7	10.6	13.3	-
pH	-	7.39	7.45	8.05	6 - 9
TDS	ppm	147	144	159	1000
DO	mg/L	7.3	7.9	6.6	5 or more
Potassium	mg/L	9.1	8.8	12.6	-
Calcium	mg/L	29	33	31	-
Magnesium	mg/L	8.3	8.7	9.2	-
Phosphate	mg/L	0.5	0.9	0.8	0.05
Chloride	mg/L	9.3	8.6	8.3	-
Fluoride	ppm	0.24	0.20	0.13	-
Nitrate	mg/L	1.8	1.4	1.6	7.0
BOD5 (at 20°C)	mg/L	5.9	5.5	5.9	6 or less
Sulfate	mg/L	23	25	28	-
TSS	mg/L	59	55	50	-

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 / SDMM2025-04

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 & 16, 17 and 21
Description of Sample	:	Riverbed sediment – Lot 3
Sampling Date	:	16.04.2025

Location Details:

Code	Route No.	GPS Location
SedQ1	Route 16	22°48'3.41"N 90°31'11.61"E
SedQ2	Route 16	22°47'24.10"N 90°31'26.75"E
SedQ3	Route 21	22°42'0.29"N 90°33'24.42"E

Description of Analysis:

Parameter	Unit	Riverbed sediment – Lot 3			Methodology	Dutch Environmental standard (mg/kg)
		SedQ1	SedQ2	SedQ3		
Lead	mg/kg	11.45	10.65	12.80	ICPMS	85
Cadmium	mg/kg	0.072	0.078	0.077	ICPMS	0.8
Chromium	mg/kg	24.99	27.05	25.79	ICPMS	100
Zinc	mg/kg	30.08	29.98	33.65	ICPMS	140
Arsenic	mg/kg	2.88	3.21	2.67	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry

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ANNEX IX:

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

Lot-2

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
1. Permits and Explanation	1	EIA and Environmental Permits	○	○	√	
	2	Explanation to the Local Stakeholders	○	○	√	
	3	Signboards, Notice Boards	○	○	√	
2. Physical Environmental Parameters Monitoring	1	Air Quality	○	√	○	Supervised in 27 April and 28 April at Route-11 & Route-09
	2	Surface Water Quality	○	√	○	
	3	Solid Wastes	○	√	○	
	4	Liquid Wastes	○	√	○	
	5	Soil Contamination	○	√	○	
	6	Noise and Vibration	○	√	○	
	7	Underwater Noise	○	√	○	
	8	Odor	○	√	○	
	9	Riverbed Sediment	○	√	○	
	10	Groundwater	○	√	○	
3. Natural Environment	1	Protected Areas	○	√	○	Route no. 11
	2	Habitat Type	○	√	○	Route no. 11
	3	Hydrology	○	√	○	Route no. 11
	4	Topography and Geology	○	√	○	Route no. 11
	5	Dolphin Observation	○	√	○	Route no. 11
	6	Fish Catch Examination	○	√	○	Route no. 11
	7	Flora (Aquatic & Terrestrial)	○	√	○	Route no. 11
	8	Benthos (Micro & Macro)	○	√	○	Route no. 11
	9	Phyto- & Zoo-planktons	○	√	○	Route no. 11
4. Social Environment	1	Resettlement	○	○	√	
	2	Living and Livelihood	○	○	√	
	3	Heritage	○	○	√	
	4	Landscape	○	○	√	
	5	Ethnic Minorities and Indigenous Peoples	○	○	√	
5. Occupational Health Safety	1	Work Permit/Contract	○	○	√	
	2	Daily Toolbox Meeting - OHS	○	○	√	
	3	Working Conditions	○	√	○	Fair
	4	Impact/Precaution during Dredging	○	○	√	Not any major issue observed
	5	Accident Prevention Measures	○	√	○	Contractors ESHS team visiting site and concerning all the Manpower
	6	Working Condition	√	○	○	Fair
	7	Accommodation	√	○	○	House Boat
	8	Personal Protection Equipment	√	○	○	Safety helmet, Safety vest, safety shoes, Hand gloves etc. observed at site.

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

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
6. Dredged Material Disposal Area	9	Drinking Water	√	○	○	Freshwater daily collect from tube well
	10	Sanitary Condition	√	○	○	Good arrangement kept in House boat
	1	Agreement with Land Owner	○	○	√	Process ongoing
	2	Land Use Type	○	√	○	Once or twice cultivated land in a year and also some non-cultivated fellow land
	3	Dyke Design Approval	○	√	○	Dyke no.05 for route 11 construction ongoing.
	4	Dyke Setback Distance	○	√	○	500m and 1000m safe distance from the river bank
	5	Disposal Area Dyke Height	○	√	○	Height 1.875m (avg) for Route no.09, and Height 1.8m for Route no.11
7. Dredger	6	Dyke Strengthened/Material Used*	○	○	√	When required then used
	1	Carbon Emission	○	○	√	Not found/observed at site for all route in lot-2
	2	Leakage	○	○	√	
	3	Oil Spill	○	○	√	
	4	Onboard Waste Management	○	○	√	
	5	Noise and Vibration	○	○	√	

Category	Environmental Item	Main Check Items	Yes: Y No: N
1. Permits and Explanation	(1) EIA and Environmental Permits	(a) Have EIA reports been already prepared in official process?	Y
		(b) Have EIA reports been approved by authorities of the host country's government?	Y
		(c) Have EIA reports been unconditionally approved? If conditions are imposed on the approval of EIA reports, are the conditions satisfied?	Y
		(d) In addition to the above approvals, have other required environmental permits been obtained from the appropriate regulatory authorities of the host country's government?	Y
	(2) Explanation to the Local Stakeholders	(a) Have contents of the project and the potential impacts been adequately explained to the Local stakeholders based on appropriate procedures, including information disclosure? Is understanding obtained from the Local stakeholders?	Y
2. Physical Environmental Parameters Monitoring	(3) Examination of Alternatives	(a) Have alternative plans of the project been examined with social and environmental considerations?	Y
	(1) Air Quality	(a) Do air pollutants, such as sulfur oxides (SOx), nitrogen oxides (NOx), soot and dust emitted from the ships, vehicles and the facilities like does comply with the country's emission standards? Are any mitigating measures taken?	Y
	(2) Water Quality	(a) Do pollutants, such as Suspended Solids (SS), oils/fats and other toxicants contained in effluents comply with the country's effluent standards (BOD, COD, ph, etc)? Is there a possibility that the effluents from the project will cause areas not to comply with the country's ambient water quality standards?	Y
		(b) Are adequate measures taken to prevent contamination of surface water, groundwater and soil by the effluents from storage areas, including raw materials, chemicals, and wastes?	N

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

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(3) Wastes	(a) Are wastes (including hazardous wastes and other industrial wastes) generated from the project facilities properly treated and disposed of in accordance with the country's regulations?	N
		(b) Are adequate measures taken to prevent contamination of soil and groundwater by leachates from the waste storage/disposal sites?	N
	(4) Noise and Vibration	(a) Do noise and vibrations comply with the country's standards?	N
	(5) Subsidence	(a) In the case of extraction of a large volume of groundwater, is there a possibility that the extraction of groundwater will cause subsidence?	N
	(6) Odor	(a) Are there any odor sources? Are adequate odor control measures taken?	N
	(7) Riverbed Sediment	(a) Sediment collection in presence of S1A team members/staff?	Y
		(b) Samples sent to the laboratory within 12 hours?	Y
		(c) If sample results showed presence of heavy metal, treatment measures like separate compartment for disposal of dredged material taken by the Contractor	N
	(8) Groundwater	Samples collected and analyzed	N
3. Natural Environment	(1) Protected Areas	(a) Is the project site located in protected areas designated by the country's laws or international treaties and conventions? Is there a possibility that the project will affect the protected areas?	N
	(2) Ecosystem/Habitat Type	(a) Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., Char land, reedland, mangroves, or tidal flats)?	N
		(b) Does the project site encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions?	N
		(c) If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem?	N
		(d) Is there a possibility that the amount of water (e.g., surface water, groundwater) used by the project will adversely affect aquatic environments?	N
		(e) Are adequate measures taken to reduce the impacts on aquatic environments, such as aquatic organisms?	N
	(3) Topography and Geology	(a) Is the stability of the existing topographic conditions adequately considered for alteration of topographic features, such as cut and fill operations?	N
		(b) Is there a possibility that soil runoffs will result from cut and fill areas, waste soil disposal sites, and borrow sites?	N
		(c) Are adequate mitigation measures taken to prevent soil runoffs?	N
		(d) Is there any possibility that the project will erode natural river bank, foreshore area, beaches?	N
	(4) Dolphin Observation	(a) Exclusive time spent for observing dolphins?	N
	(5) Fish Catch Examination	(a) Fishermen upstream and downstream of dredging site interviewed and catch examined? Types of gears used?	Y

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

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(6) Flora (Aquatic & Terrestrial)	(a) Flora surveyed around the dredging and dredged material disposal sites	N
	(7) Benthos (Micro and Macro)	(a) Sampling done and analyzed; report submitted	Y
	(8) Phyto- & Zoo-Planktons	(a) Sampling done and analyzed; report submitted	Y
4. Social Environment	(1) Resettlement	(a) Is involuntary resettlement caused by project implementation? If involuntary resettlement is caused, are efforts made to minimize the impacts caused by the resettlement?	N
		(b) Is adequate explanation on compensation and resettlement assistance given to affected people prior to resettlement?	N
		(c) Is the resettlement plan, including compensation with full replacement costs, restoration of livelihoods and living standards developed based on socioeconomic studies on resettlement?	N
		(d) Are the compensations going to be paid prior to the resettlement?	N
		(e) Are the compensation policies prepared in document?	N
		(f) Does the resettlement plan pay particular attention to vulnerable groups or people, including women, children, the elderly, people below the poverty line, ethnic minorities, and indigenous peoples?	N
		(g) Are agreements with the affected people obtained prior to resettlement?	N
		(h) Is the organizational framework established to properly implement resettlement? Are the capacity and budget secured to implement the plan?	N
		(i) Are any plans developed to monitor the impacts of resettlement?	N
		(j) Is the grievance redress mechanism established?	N
	(2) Living and Livelihood	(a) Is there a possibility that the project will adversely affect the living conditions of inhabitants? Are adequate measures considered to reduce the impacts, if necessary?	N
		(b) Is sufficient infrastructure (e.g., hospitals, schools, and roads) available for the project implementation? If the existing infrastructure is insufficient, are any plans developed to construct new infrastructure or improve the existing infrastructure?	N
		(c) Is there a possibility that large vehicles traffic for transportation of materials, such as raw materials and products will have impacts on traffic in the surrounding areas, impede the movement of inhabitants, and cause any risks to pedestrians?	N
		(d) Is there a possibility that diseases, including infectious diseases, such as HIV, will be brought due to the immigration of workers associated with the project? Are adequate considerations given to public health, if necessary?	N
	(3) Heritage	(a) Is there a possibility that the project will damage the local archeological, historical, cultural, and religious heritage sites? Are adequate measures considered to protect these sites in accordance with the country's	N

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

Category	Environmental Item	Main Check Items	Yes: Y No: N
		laws?	
	(4) Landscape	(a) Is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?	N
	(5) Ethnic Minorities and Indigenous Peoples	(a) Are considerations given to reduce impacts on the culture and lifestyle of ethnic minorities and indigenous peoples?	N
		(b) Are all of the rights of ethnic minorities and indigenous peoples in relation to land and resources respected?	N
	(6) Working Conditions	(a) Is the project proponent not violating any laws and ordinances associated with the working conditions of the country which the project proponent should observe in the project?	N
		(b) Are tangible safety considerations in place for individuals involved in the project, such as the installation of safety equipment which prevents industrial accidents, and management of hazardous materials?	N
		(c) Are intangible measures being planned and implemented for individuals involved in the project, such as the establishment of a safety and health program, and safety training (including traffic safety and public sanitation) for workers etc.?	N
		(d) Are appropriate measures being taken to ensure that security guards involved in the project do not violate safety of other individuals involved, or local residents?	N
	(1) Impacts during dredging/construction	(a) Are adequate measures considered to reduce impacts during construction (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)?	N
		(b) If construction activities adversely affect the natural environment (ecosystem), are adequate measures considered to reduce the impacts?	N
5. Others	(2) Accident Prevention Measures	(a) Does the project have any accident prevention equipment and scheme to store, emit and transport toxic and hazardous materials?	N
	(3) Monitoring	(a) Does the proponent develop and implement monitoring program for the environmental items that are considered to have potential impacts?	N
		(b) What are the items, methods and frequencies of the monitoring program?	N
		(c) Does the proponent establish an adequate monitoring framework (organization, personnel, equipment, and adequate budget to sustain the monitoring framework)?	N
		(d) Are any regulatory requirements pertaining to the monitoring report system identified, such as the format and frequency of reports from the proponent to the regulatory authorities?	N

Checklist Items		Dredging Activity			Comments/Compliance
		Daily	Monthly	When and As Required	
1	Gauge reading & Water level (WL)	○	○	√	
2	Connectivity with BM & TBM	○	○	√	

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

Checklist Items		Dredging Activity			Comments/Compliance
		Daily	Monthly	When and As Required	
3	Study Hydrographic Chart	○	○	✓	
4	Fixing Cutting Depth respect to existing WL as per design depth	○	○	✓	
5	Checking Dredging Alignment	○	○	✓	
6	Checking Dredged Activities as below;				Dredged Activities for the month of April, 2025
	a Dredging Hours	○	✓	○	Total Dredging Hours 353.28hrs Route 09 is 23:23hrs (Approximately) Route 11 is 330:05hrs (Approximately)
	b Cutting Length	○	✓	○	Total length is 1078m Route 09 length is 65m Route 11 length is 1013m
	c Cutting Depth	○	✓	○	Average Cutting Depth for Route 09 is 0.50m & Route 11 is 0.80m
	d Cutting Width	○	✓	○	Cutting Width Route 09 is 36m & Route 11 is 76m
	e Dredged Volume	○	✓	○	Total Dredged Volume =38515.64 cum Route 09 is 547cum (Approximately) Route 11 is 37968.40cum (Approximately)
7	Supervising Dredged Material Disposal Area whether the Dykes are designed as per Design	○	✓	○	Supervised together with dredging experts during the new dyke construction and it is observed that Dykes are maintained as per Design
8	Supervising Dredged Material Disposal Area whether the Dykes are capable to resist the pressure of disposed materials	○	✓	○	It's observed that new dyke boundary wall maintained proper design thickness, slope, layer of compaction, 20m/30m safe distance from river bank.
9	Checking outlet of the compartment	○	✓	○	Using 1rs/2nrs of outlet of this compartment
10	Check whether the dykes are being constructed at safe distance from river bank	○	✓	○	150m and 200m safe distance from the river bank
11	Check construction of the pipe line whether there is any leakage in the Joints of Floating Pipe/Shore pipe lines	○	✓	○	No leakage observed in the Joints of Floating Pipe/Shore pipe lines
12	Check whether dredging work exacting Keeping Safety distance of River side installations like Road/houses/building.	○	✓	○	It is observed that contractor maintained 100m from safe distance from Road/Houses/building and 20m-30m safe distance maintained from river Bank
13	Check Survey Activities	○	✓	○	Jointly Post survey work for Route no-05 Meghna (Ashuganj to Munshiganj) Old Ferryghate Area about 200m on dated 17.04.2025 Monitoring survey work for *Route no-05 Meghna (Ashuganj to Munshiganj) on dated 17-04-2025 to 30-04-2025 continue...

Grievance Redressal Mechanism (GRM) Checklist, BRWTP-SIA

Sl no	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
1	Legal and Regulatory Compliance	1	The contractors communicate to all the stakeholders regarding GRM processing and lodging complaints.	○	○	○	✓	There are a GRM committee with 5 persons here.
		2	Contact details for lodging grievance easily accessible.	○	○	○	✓	
2	Community Engagement	1	Consultations have been conducted with local communities, dredging contractors to collect their input on the GRM design.	○	○	○	✓	
		2	The preferences of social customs and cultural sensitivities of the project affected communities taken into consideration.	○	○	○	✓	
		3	FGD on GRM with the Project Affected Persons (PAPs)	○	○	○	✓	

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

3	Grievance Channels	1	The multiple accessible channels available for the stakeholders to submit their grievances. (e.g., toll-free hotline, online platform, drop box, post, landline/mobile phone and e-mail).	○	○	○	√	
4	Processing of GFA (Good Faith Agreement)	1	Dyke/Land selection survey.	○	○	√	○	Route no.09 & Route 11
		2	Opinion meeting with land owner along with inform to the contractor and S1A team for justifying land as dyke.	○	○	√	○	
		3	GFA documentation collection.	○	○	√	○	
		4	GFA will be submitted to S1A.	○	○	√	○	
		5	FGD on GFA with the Locals	○	○	○	√	
5	Constitution of GRM Protocol	1	Preparation of GRM Protocol and Grievance Redress Committee (GRC) will be Constituted by the Contractors.	○	○	○	√	
6	Establish a Complaint Box	1	For receive feedback, suggestions and complain letters.	○	○	√	○	There are 3 complain box in site. One box is in office, one box in houseboat and another is open road site.
7	Establish a Signboard	1	The size (5/15) of Bill board will according the BOQ	○	○	√	○	There is a signboard in front of office.
		2	Name, Mobile number and email of the focal person will be included in the Bill board.	○	○	√	○	Not found/observed at site for all route in lot_2
8	3 (three) tyers of the GRM Committee will be formed	1	Local level GRC (Committee members 05, quorum fullfill at least 03) -Project related issues.	○	○	○	√	
		2	Contractor level GRC (Committee members 03, quorum fullfill at least 03)- GBV, CoC, Contractors workers occurance etc. related issues.	○	○	○	√	
		3	Project level GRC (Committee members 03, quorum fullfill at least 03)	○	○	○	√	
9	Capacity Building	1	Project staffs and local institutions have received training on the GRM, GBV related issues and its operation.	○	○	○	√	
10	Leaflet/ Brochure	1	The Leaflet/ Brochure will be published for dissemination to all the stakeholders.	○	○	○	√	There is no leaf let in the site.
11	Monitoring, Reporting & documentation	1	The regular reports generated to document the number, nature, and resolution of grievances (Registration Book, Resolution book / Decision book & Closing book)	○	○	√	○	Route no.09 & 11
12	Social Consultation	1	Local Community	○	○	√	○	Route no.09 & 11
		2	Land Owner	○	○	√	○	Route no.09 & 11
		3	Local Government Authority	○	○	○	√	no
13	Gender-Based Violence (GBV)	1	Sex Violence by an intimate partner	○	○	○	√	None of these has been found/observed for the month of
		2	Sexual violence by a non-peer	○	○	○	√	
		3	Child sexual abuse & forced marriage	○	○	○	√	

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

	4	Sexual exploitation & abuse	○	○	○	√	February, 2025
	5	Sexual harassment	○	○	○	√	
	6	In case of emergency, the local level GRC will address the matter within 04 -12 hours.	○	○	○	√	When required

Lot-3

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
1. Permits and Explanation	1	EIA and Environmental Permits	○	○	√	
	2	Explanation to the Local Stakeholders	○	○	√	
	3	Signboards, Notice Boards	○	○	√	Not found/observed at site for all route in lot_3
2. Physical Environmental Parameters Monitoring	1	Air Quality	○	√	○	Test done for Route no. 16 & 21 only on dated 15.04.2025; 16.04.2025 & 17.04.2025
	2	Surface Water Quality	○	√	○	
	3	Solid Wastes	○	√	○	
	4	Liquid Wastes	○	√	○	
	5	Soil Contamination	○	√	○	
	6	Noise and Vibration	○	√	○	
	7	Underwater Noise	○	√	○	
	8	Odor	○	√	○	
	9	Riverbed Sediment	○	√	○	
	10	Groundwater	○	√	○	
3. Natural Environment	1	Protected Areas	○	√	○	
	2	Habitat Type	○	√	○	
	3	Hydrology	○	√	○	
	4	Topography and Geology	○	√	○	
	5	Dolphin Observation	○	√	○	
	6	Fish Catch Examination	○	√	○	
	7	Flora (Aquatic & Terrestrial)	○	√	○	
	8	Benthos (Micro & Macro)	○	√	○	
	9	Phyto- & Zoo-planktons	○	√	○	
4. Social Environment	1	Resettlement	○	○	√	
	2	Living and Livelihood	○	○	√	
	3	Heritage	○	○	√	
	4	Landscape	○	○	√	
	5	Ethnic Minorities and Indigenous Peoples	○	○	√	
5. Occupational Health Safety	1	Work Permit/Contract	○	○	√	
	2	Daily Toolbox Meeting - OHS	○	○	√	
	3	Working Conditions	○	√	○	Fair
	4	Impact/Precaution during Dredging	○	○	√	Not any major issue observed
	5	Accident Prevention Measures	○	√	○	not found
	6	Working Condition	√	○	○	Fair
	7	Accommodation	√	○	○	House Boat
	8	Personal Protection Equipment	√	○	○	Safety helmet, Safety vest, safety shoes, Hand gloves etc store at site but do not wear or maintain properly
	9	Drinking Water	√	○	○	Freshwater daily collect from tube well of nearby village
	10	Sanitary Condition	√	○	○	Good arrangement kept in House boat

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

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
6. Dredged Material Disposal Area	1	Agreement with Land Owner	○	○	√	Process ongoing
	2	Land Use Type	○	√	○	Once or twice cultivated land in a year and also some non-cultivated fellow land
	3	Dyke Design Approval	○	√	○	Dyke no. 26,27 for route 21 construction.
	4	Dyke Setback Distance	○	√	○	00m safe distance from the river bank
	5	Disposal Area Dyke Height	○	√	○	Height 2.5m (avg) for Route no.21, Height 2.0m for Route no.16 and Height 1.8m for Route no.13
	6	Dyke Strengthened/Material Used*	○	○	√	When required then used
7. Dredger	1	Carbon Emission	○	○	√	Very low by dredgers
	2	Leakage	○	○	√	Not observed or not found in lot 3
	3	Oil Spill	○	○	√	Visibly very less observed from dredgers and oil tanker
	4	Onboard Waste Management	○	○	√	Not satisfactory or poor management
	5	Noise and Vibration	○	○	√	Very low by dredgers

Checklist Items			Dredging Activity			Comments/Compliance
			Daily	Monthly	When and As Required	
1	Gauge reading & Water level (WL)		○	○	√	
2	Connectivity with BM & TBM		○	○	√	
3	Study Hydrographic Chart		○	○	√	
4	Fixing Cutting Depth respect to existing WL as per design depth		○	○	√	
5	Checking Dredging Alignment		○	○	√	
6	Checking Dredged Activities as below;					Dredged Activities for the month of April, 2025
	a	Dredging Hours	○	√	○	Total Dredging Hours 210 hrs (Route 21 is 138 hrs, Route 16 is 72.00 hrs & Route 13 is 00:00hrs)
	b	Cutting Length	○	√	○	Total length is 2796 m Route 21 length 2043 m Route 16 length 753 m Route 13 length 00 m
	c	Cutting Depth	○	√	○	Average Cutting Depth for Route 21 is 1.5m, route 13 is 00:00 m and route 16 is 2.00m
	d	Cutting Width	○	√	○	Cutting Width Route 21, 16 is 76m
	e	Dredged Volume	○	√	○	Total Dredged Volume 163979.00 cum (Route 21 is 123803.00 cum, Route 13 is 00.00cum & Route 16 is 40176.00 cum)
7	Supervising Dredged Material Disposal Area whether the Dykes are designed as per Design		○	√	○	Supervised together with dredging experts during the new dyke construction and it is observed that Dykes are maintained as per Design
8	Supervising Dredged Material Disposal Area whether the Dykes are capable to resist the pressure of disposed materials		○	√	○	It's observed that new dyke boundary wall maintained proper design thickness, slope, layer of compaction, 20m/30m safe distance from river bank.
9	Checking outlet of the compartment		○	√	○	Using 5rs/4nrs of outlet of this compartment
10	Check whether the dykes are being constructed at safe distance from river bank		○	√	○	200m, 800m safe distance from the river bank
11	Check construction of the pipe line whether there is any leakage in the Joints of Floating Pipe/Shore pipe lines		○	√	○	No leakage observed in the Joints of Floating Pipe/Shore pipe lines
12	Check whether dredging work exacting Keeping Safety distance of		○	√	○	It is observed that contractor maintained 100m from safe distance from Road/Houses/building and 20m-30m safe

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

Checklist Items		Dredging Activity			Comments/Compliance
		Daily	Monthly	When and As Required	
	River side installations like Road/houses/building.				distance maintained from river Bank
13	Check Survey Activities	○	√	○	1.Hydrographic Post Survey work at Route number 21 (Laharhat-Bheduriya) on dated.30.04.2025

GRM Checklist, BRWTP-S1A								
Sl no.	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
1	Legal and Regulatory Compliance	1	The contractors communicate to all the stakeholders regarding GRM processing and lodging complaints.	○	○	○	√	
		2	Contact details for lodging grievance easily accessible.	○	○	○	√	
2	Community Engagement	1	Consultations have been conducted with local communities, dredging contractors to collect their input on the GRM design.	○	○	○	√	
		2	The preferences of social customs and cultural sensitivities of the project affected communities taken into consideration.	○	○	○	√	
		3	FGD on GRM with the Project Affected Persons (PAPs)	○	○	○	√	
3	Grievance Channels	1	The multiple accessible channels available for the stakeholders to submit their grievances. (e.g., toll-free hotline, online platform, drop box, post, landline/mobile phone and e-mail).	○	○	○	√	
4	Processing of GFA (Good Faith Agreement)	1	Dyke/Land selection survey.	○	○	√	○	Route no.21; Route no. 21 & Route no. 16
		2	Opinion meeting with land owner along with inform to the contractor and S1A team for justifying land as dyke.	○	○	√	○	
		3	GFA documentation collection.	○	○	√	○	
		4	GFA will be submitted to S1A.	○	○	√	○	
		5	FGD on GFA with the Locals	○	○	○	√	
5	Constitution of GRM Committee	1	Preparation of GRM Committee Constituion by the Contractors.	○	○	○	√	
6	Establish a Complaint Box	1	Nos. of Feedback, concerned, suggestions and complain letters.	○	○	√	○	Not found/observed at site for all route in lot_3
7	Establish a Signboard	1	The size (5/15) of Bill board will according the BOQ	○	○	√	○	Not found/observed at site for all route in lot_3
		2	Name, Mobile number and email of the focal person will be included in the Bill board.	○	○	√	○	Not found/observed at site for all route in lot_3
8	3 (three) tiers of the GRM Committee will be formed	1	Local level GRC [In a five (5) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
		2	Contractor level GRC [In a five (3) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
		3	Project level GRC [In a five (3) members committee meeting Three (3) members participation will be the	○	○	○	√	Local level GRC committee formed by Banga contractor on

GRM Checklist, BRWTP-SIA

Sl no.	Factors	Checklist Items	Dredging Activity				Comments/Compliance
			Daily	Weekly	Monthly	Quarterly	
		quorum]					dated 14th October,2023
9	Capacity Building	1 Project staffs and local institutions have received training on the GRM and its operation.	○	○	○	√	
10	Leaflet/ Brochure	1 The Leaflet/ Brochure will be published for dissemination to all the stakeholders.	○	○	○	√	
11	Monitoring, Reporting & documentation	1 The regular reports generated to document the number, nature, and resolution of grievances (Registration Book, Resolution book or Decision book & Closing book)	○	○	√	○	Route no.21, 16 & 13
12	Social Consultation	1 Local Community	○	○	√	○	Route no.21, 16 & 13
		2 Land Owner	○	○	√	○	Route no.21, 16 & 13
		3 Local Government Authority	○	○	○	√	no
13	Gender-Based Violence (GBV)	1 Sex Violence by an intimate partner	○	○	○	√	None of these has been found/observed for the month of April, 2025
		2 Sexual violence by a non-peer	○	○	○	√	
		3 Child sexual abuse& forced marriage	○	○	○	√	
		4 Sexual exploitation & abuse	○	○	○	√	
		5 Sexual harassment	○	○	○	√	
		6 In case of emergency, the local level GRC will address the matter within 4 -12 hours.	○	○	○	√	When required