

# Semi-Annual Environmental Monitoring Report

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Project Number: 49107-006

Period: May–October 2019

Submission Date: December 2019

## IND: West Bengal Drinking Water Sector Improvement Project (PART D)

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## APPENDIX 13: TIE UP LETTER WITH HOSPITAL AND MEDICAL HEALTH CHECK UP FOR WORKERS

Package – North 24 pgs/ 02A

### Tie up



**NCC**

To,

Date: 20/05/2019

The BMO  
Haroa Gramin Hospital  
Haroa, North 24 PGS, 743425

Sub: Request for a Tie up letter for Medical Treatment

Dear Sir,

We the Staff and Workmen of M/s NCC Limited is engaged in connection to a job "Design and Construction of Overhead Reservoir including Water Supply Distribution Network and Metering Work in Haroa Block, Package No: WBDWSIP/DWW/NCB/N24P/02A/2017-18" awarded to us in Haroa by P.H.E.D, Govt. of West Bengal.

In this connection we want to get medical treatment facility of our staff and workmen in case of illness.

So kindly request you to issue a Tie up letter to M/s NCC Limited to avail the treatment in your hospital.

Thanking You,

*Kalyan Nag*

Kalyan Nag  
Asst. Manager (Administration)  
For NCC Limited  
Haroa Site Office  
Contact No: 9051813858

*We provide medical treatment  
to any person who comes  
to Haroa R.H. (engaged with this project)*

*Smedip 21.05.19*

Block Medical Officer Health  
Haroa R.H., P.O.: Haroa  
Bachhat HD, North 24 Parganas

NCC Limited  
(Formerly Nagpuram Construction Company Limited)  
Vill- Adarapur  
P.O.-P.S.- Haroa  
Dist- North 24 Parganas  
Pin-743425  
CIN No- L72200AP1300PLC011146  
GST No- 19AAACN7335C1ZM  
E-mail : www.dsharad@nccil.in

**Sample health check up****NCC LIMITED****MEDICAL HEALTH CHECK UP CAMP****DWS HAROA**

SL.NO.	NAME	MALE/FEMALE	AGE
<del>1</del> ✓	SARAT SARDER	M	55
<del>2</del> ✓	BIKASH SARDER	M	33
<del>3</del> ✓	PARAN SARDER	M	46
<del>4</del> ✓	BIRAN SAREDR	M	51
<del>5</del> ✓	DHARANI SARDER	M	40
<del>6</del> ✓	NEMAI SARDER	M	45
<del>7</del> ✓	VIMAL SARDER	M	55
<del>8</del> (8)	PTASANTA SARDER	M	24
<del>9</del> ✓	JOGESWAR SARDER	M	41
<del>10</del> ✓	MD ARSHAD	M	54
<del>11</del> ✓	SHARAN KUMAR BOSE	M	62
<del>12</del> ✓	ANKUSH GHOSH	M	25
<del>13</del> ✓	KALYAN NAG	M	52
<del>14</del> ✓	SARADINDU GAIN	M	37
<del>15</del> ✓	SOUVIK SARKAR	M	29
<del>16</del> ✓	TAPENDU PRAMANIK	M	30
<del>17</del> ✓	MONOJIT DAS	M	31
<del>18</del> ✓	SOHOM ROY	M	24
<del>19</del> ✓	GOLAM MARTUJA MANDAL	M	33
<del>20</del> ✓	SUMAN PAUL	M	25
<del>21</del> ✓	ASHOK KUMAR	M	40
<del>22</del> ✓	SANJEEV KR SINGH	M	39
<del>23</del> ✓	SATYAM SINGH	M	29

NCC		NCC Limited		DWS HAROA		MEDICAL EXAMINATION REPORT		JUNE	
Package No.: WBDWSIP/DWW/NCB/N24P/02A/2017-18		Design and Construction of Overhead Reservoir including Water Supply Distribution Network and Metering Work in Haroa Block		Date:					
1 Name Of project									
2 Name of employee	Mr. PARAS SARDAR								
(a) Employee's ID Card No.									
(b) Identification mark	(LABOUR)								
(c) Nature of job									
3 Date of employment	Age: 46 Yr.								
4 Length of service in years									
5 General survey	Health: Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Height: 172 cms. Weight: 72.2 kgs.								
6 Blood group									
7 Eye vision	Normal: <input checked="" type="checkbox"/> Abnormal: <input type="checkbox"/> Use of glass: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abnormal: <input type="checkbox"/>								
8 Hearing	Normal: <input checked="" type="checkbox"/> Abnormal: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abnormal: <input type="checkbox"/>								
9 Respiratory system & chest measurement	Inspiration: <input type="checkbox"/> Expiration: <input type="checkbox"/> Respiration Rate: 14 / mins. Remarks' (if any): Pulse rate: 90/min. B. P. 120/80 Heart sound: S1 & S2 audible. Remarks' (if any):								
10 Cardiovascular system									
11 Abdomen tenderness	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Liver: Normal <input checked="" type="checkbox"/> Abnormal: <input type="checkbox"/> History of fits: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Epilepsy: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Remarks' on mental health:								
12 Nervous system									
13 Locomotor system	Normal: <input checked="" type="checkbox"/> Abnormal: <input type="checkbox"/> Normal: <input checked="" type="checkbox"/> Abnormal: <input type="checkbox"/> Remarks' on any skin disease noticed:								
14 Skin condition									
15 Hernias	Present: <input type="checkbox"/> Absent: <input checked="" type="checkbox"/> Present: <input type="checkbox"/> Absent: <input checked="" type="checkbox"/>								
16 Hydrocele									
17 Present complain (if any)									
18 Summary of findings	Heart disease: N/A Hypertension: N/A Diabetes: N/A T. B.: N/A Poisoning: N/A Others' (if any): N/A Occupational disease: N/A								
19 Recommendation (if any) for any further investigation	A R → B1 - ABO TRH. Signature of Employee/Worker: <i>Paras Sardar</i> Signature of Medical Officer: <i>Soumitra Puri</i> (Name, Seal & Registration No.)								

## Package – North 24 pgs/ 02B

TIE UP

NCC

Ref: NCC/W&amp;E/WSS-BHANGAR/2019-20/117

Date: 17.05.2019

To,  
BMOH  
Jirangachha R.H,  
Jirangchha, Hatiaula, Kashipur  
South 24 Parganas, New Town, Pin 700135 (WB)

Sub: "Design and Construction of Overhead Reservoir including Water Supply Distribution Network and Metering Works in Bhargar -II Block" An appeal for checkup of employees & workmen of M/S NCC Ltd

Ref.No.1 Agreement Memo No: PMU/ WBDWSIP/PHED/37/851

Dear Sir,

I Humbly beg to state you that the staffs & worker are engage in construction of overhead reservoir including water supply distribution in Bhargar-II Blocks. We have been awaited this job from PHE Directorate, WB Govt.

Under the above Circumstances I would like to request you that please allow our men to have medical consultation in case of illness in your estimate Organization.

We will be extremely thankful if you kindly allow us to avail this treatment facility.

Thanking you.  
Your Faithfully,  
For, NCC LIMITED  
(Formerly, Nagarjuna Construction Company Limited)

Anoop Kumar  
Dy. General Manager

RECEIVED  
Contains Map Verified

For M.O.H.  
21.5/19

NCC Limited  
(Formerly Nagarjuna Construction Company Limited)  
ECO Space Business Park, Block-4A, 5th Floor,  
Action Area-II, New Town, Kolkata - 700 158  
Phone : (033) 4029-8888, Fax : (033) 4029-8877

**SAMPLE HEALTH CHECK UP****MEDICAL HEALTH CHEACK-UP CAMP****CONDUCTED BY: - Dr.A.K.Das (MBBS)****Khusi Nursing Home****PLACE: - BHANGAR -II****DATE: - 8/06/2019****PERSONS WHO ATTENDED THE HEALTH CHECK-UP**

SL. NO.	NAME OF THE STAFF/WORKMEN	DESIGNATION
1	Mr. Anup Kumar Singh	DGM
2	Mr. Arun Kumar	Dy manager Admin
3	Mr. Shukur Ali	AE
4	Mr. Sandeep	GET
✓ 5	Abhijeet Pal	J.E
6	Mr.Nitin	Safety Officer
7	Mr. Sukumar	Store Officer
✓ 8	Partho Singha Ray	Helper
✓ 9	Swapan Kumar	Helper
✓ 10	Pranjit Ray Repeat	Helper
✓ 11	Sakam Rahman Repeat	Helper
✓ 12	Tika Show Repeat	Helper
✓ 13	Samabho Barman Repeat	OPT
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## APPENDIX 14: GRC NOTIFICATIONS AND COMMITTEE


### State & District Level Steering committee

Memo no. PMU/WBDWSIP/PHED/104/ 356(1-9)

Dated Kolkata the 07.05.2019

Copy forwarded for information to:

1. P.A. to the Chief Secretary, Govt. of West Bengal. For kind information of the Chief Secretary.
2. P.A. to the Additional Chief Secretary, I & W Department. For kind information of the Additional Chief Secretary.
3. P.A. to the Additional Chief Secretary, P & R Department. For kind information of the Additional Chief Secretary.
4. P.A. to the Additional Chief Secretary, Finance Department. For kind information of the Additional Chief Secretary.
5. P.A. to the Principal Secretary, PHE Department. For kind information of the Principal Secretary
6. P.A. to the Principal Secretary, Public Works Department. For kind information of the Principal Secretary.
7. P.A. to the Principal Secretary, Urban Development & Municipal Affairs Department. For kind information of the Principal Secretary.
8. P.A. to the Principal Secretary, Land and Land Reforms Department. For kind information of the Principal Secretary.
9. P.A. to the Engineer-in-Chief, PHE Department. For kind information of the Engineer-in-Chief.


  
 Chief Engineer & Project Director  
 PMU, WBDWSIP, PHE Dte  
 Government of West Bengal

Memo no. PMU/WBDWSIP/PHED/104/ 356(1-30)

Dated Kolkata the 07.05.2019

Copy forwarded for information and necessary action to:

1. The District Magistrate, North 24 Parganas/South 24 Parganas/Purba Medinipur/Bankura.
2. The Additional District Magistrate (LR)/DLLRO, Land and Land Reforms Department, North 24 Parganas/ South 24 Parganas/Purba Medinipur/Bankura.
3. The Additional Executive Officer, North 24 Parganas/South 24 Parganas/ Purba Medinipur/Bankura Zilla Parishad.
4. The Superintending Engineer, PIU, North 24 Parganas/Purba Medinipur/Bankura, WBDWSIP, PHED
5. The Superintending Engineer, Western Highway Circle-II/South Western Highway Circle/Eastern Highway Circle/ Southern Highway Circle, PW (Roads) Dte.
6. The Superintending Engineer, Western Circle II/ South Western Circle, PWD
7. The Superintending Engineer, Metropolitan Drainage Circle-I / Eastern Circle / Kangsabati Circle-I, Bankura / Western Circle-II, Medinipore/ Damodar Irrigation Circle, Irrigation and Waterways Dte.
8. The Executive Engineer, PIU, North 24 Parganas/ Purba Medinipur/ Bankura, PHE Dte
9. The Executive Engineer, Barasat Highway Division -I/ South 24 Parganas Highway Division /Tamluk Highway Division/ Bankura Highway Division, PW (Roads) Dte.
10. The Executive Engineer, Tamluk Division/ Bankura Division, PWD
11. The Executive Engineer, Contai Division/ Kangsabati Canal Division -I/ Damodar Headworks, I & W Dte.

  
 Chief Engineer & Project Director  
 PMU, WBDWSIP, PHE Dte  
 Government of West Bengal

**Public Health Engineering Department  
West Bengal Drinking Water Sector Improvement Project  
(WBDWSIP)**

**Minutes of the 1st Meeting of State Level Steering Committee on West Bengal Drinking Water Sector Improvement Project (WBDWSIP) under the Chairmanship of Chief Secretary, West Bengal in the Conference Hall, Nabanna, 13<sup>th</sup> Floor, Howrah, held on 16.04.2019 at 11:00AM.**

The list of Members present is attached as Annexure-A

Chief Secretary, Government of West Bengal took the chair and initiated the discussions.

2) Principal Secretary, Public Health Engineering Department apprised the committee that after the approval of Government of West Bengal and the Department of Economic Affairs, Government of India, Loan agreement with Asian Development Bank was signed on 03.10.2018 for an amount of 240 Million US Dollar as Loan and 3 million US Dollar as Grant under Japanese Fund for Poverty Reduction (JFPR) for execution of 3 (three) Water Supply Projects in Arsenic affected areas of North 24 Parganas district, salinity affected areas of Purba Medinipur district and fluoride affected areas of Bankura district under WBDWSIP. The objective of the Project is to deliver safe, sustainable and inclusive drinking water services in the aforesaid project districts with provision of 100% house hold metered connection to provide 24 X 7 water supply. One Project Management Unit (PMU) headed by Chief Engineer & Project Director and 3 (Three) Project Implementation Units (PIU) headed by Superintending Engineer under P.H. Engineering Department have been established for timely implementation of the Project.

3) Chief Engineer & Project Director described the details of the project through a power point presentation and highlighted the following points in respect of three subprojects:

- i) In Bankura district, the DPR for Bankura district has been prepared considering 8 (eight) blocks namely Taldangra, Indpur, Gangajalghati, Mejhia, Sonamukhi, Patrasayer, Joypur and Kotolpur. But presently the 4 (four) blocks, namely Taldangra, Indpur, Gangajalghati and



Mejhia will be covered fully through piped water supply with the financial assistance from ADB. The proposal for remaining 4(four) blocks will be taken up with ADB for additional funding as the ADB officials advised in their *aide memoire* during their last consultation mission on 26-27 March, 2019.

- ii) In **Purba Medinipur district**, DPR for 4(four) Blocks namely Nandakumar, Chandipur, Nandigram-I and Nandigram-II has been prepared. But presently 2(Two) Blocks namely Nandigram –I and Nandigram –II will be covered fully through piped water supply with the financial assistance from ADB. But the Water Treatment Plant will be constructed for catering to all 4(four) blocks as mentioned above. The proposal for remaining 2(Two) blocks will be taken up with ADB for additional funding.
- iii) In **North 24 Parganas and South 24 Parganas districts**, Haroa and Bhangar-II blocks will be covered fully through piped water supply but Water Treatment Plant is considered for Barasat-II block also. The cost of distribution network for Barasat-II block is not considered under this Loan assignment. Now one DPR has been prepared for distribution network of Barasat-II Block for proposal initiation with ADB.
- iv) Presently 4 (four) Consultancy firms and 3 (three) NGOs have been engaged to assist PMU and 3(three) PIUs as per ADB approved Project Administration Manual (PAM). Moreover, Technical Assistance (TA) Consultant has also been engaged by the ADB for Smart Water Management.
- v) Purchase of Private land for construction of Intake Structure, Water Treatment Plant and Overhead reservoirs is under process for all the schemes. The land parcels lying with other Government Department are also being processed for Inter Departmental Transfer. All efforts will be taken to get the required parcels of land in possession of PHED well in advance so that project implementation is not affected for want of site at any stage.
- vi) Communication has been made with WBIDC for issuance of confirmation to Damodar Valley Reservoir Regulatory Commission

(DVRRC) regarding drawal of 70MLD water from Durgapur Barrage to get the drawal permission from DVRRC. The same was issued by WBIDC on 29.06.2018 addressed to Member Secretary DVRRC but DVRRC again asked for reconfirmation regarding the present requirement. The matter will be taken up again with WBIDC and also referred to me&W Department for taking up with DVRRC for expeditious action.

- vii) Postings of Sr. Accounts Officer at PMU and Accounts Officer at PIU-Purba Medinipur is required to be made on urgent basis as the loan disbursement and expenditures have already been started. The ADB officials highlighted the issue during their last mission. AGWB has already replied that there is no sanctioned post of Sr Accounts Officer/Accounts Officer under the Administrative Control of Works Miscellaneous Section and no scope to provide any regular Sr A.O./A.O. for the post. Proposal for re-designation of Sr Accounts Officer/Accounts Officer Post as Divisional Accounts Officer have been submitted to Finance Department for approval in consultation with the Financial Advisor, PHE Department. The Additional Secretary, Finance Department informed that he will look into the proposal of PHED.
- 4) Additional Chief Secretary, Irrigation and Waterways Department assured that the issues related to I & W Department will be taken care of on priority basis for smooth implementation of the project.
- 5) Additional Chief Secretary, Panchayets & Rural Development Department informed that necessity of piped water supply in other water quality affected blocks of North 24 Parganas, South 24 Pargana, Purba Medinipur and Bankura districts also needs to be looked into on urgent basis. The Principal Secretary, PHE Department informed that at present PHE Department has taken up a few surface water based water supply schemes which include ADB and JICA assisted schemes to provide safe and sustainable drinking water in the quality affected blocks of West Bengal under different Programmes which will be commissioned within the next 2 to 3 Years. The present population

covered through piped water supply scheme in west Bengal is about 58% and once the ongoing schemes are commissioned the coverage would reach 72%.

- 6) Principal Secretary, PHE Department proposed that the Principal Secretaries of P.W. Department, Land and Land Reforms Department and Urban Development & Municipal Affairs Departments may also be incorporated as members of the committee for more effective coordination and collaboration for timely commissioning of projects. In addition, Superintending Engineer/Executive Engineer, PWD, PW (Roads) and ADM (LR)/ DLLRO of the Project districts may also be included as invitee members of the District Level Steering Committee. The Chief Secretary agreed with the proposal. The revised list of members of State Level and District Level Steering Committee is attached as Annexure-B.

Chief Secretary advised that PHED must prepare an action plan and shelf of projects so that the entire state is covered with piped water supply schemes within the next 6 to 7 years by fixing priority in the quality affected blocks. He further advised that proposals for the remaining blocks to be covered under this project may be initiated by the PHE Department as early as possible.

There being no other issues for discussion, the meeting ended with vote of thanks to and from the Chair.

  
(Malay Kr. De. IAS)

Chief Secretary  
Government of West Bengal

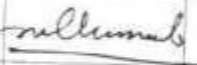

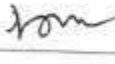




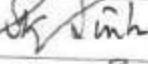


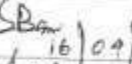
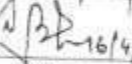
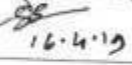
Meeting on 16.04.2019- 1<sup>st</sup> State Level Steering Committee

Subject:-WBDWSIP

Venue:-CS- Conference hall, Nabsanna

Time:-11:00am

Attendance Sheet: -

Sl. No	Name	Signature	Email
1	Chief secretary		
2	Additional Chief Secretary, P & RD Department		
3	Additional Chief Secretary, I & WD Department		
4	Additional Chief Secretary, Finance Department		
5	Principal Secretary, PHE Department		
6	Engineer- In - Chief, PHED		
7	Chief Engineer & P. D. WBDWSIP, PHE & H.		pd.pmu.adb@wbphed.gov.in
8	Dr. Sudip K. Sinha Addl. Secretary, Finance		sudipkumar.sinha@yahoo.in
9	Subhasis Ray		Se. Pimpurmed. adk @wbphed.gov.in
10	Dobash Barua		SE PUNM Pym
11	Sujoy Barua		SE/PIU, Bankura
12	Nityananda Khan		SE/ME/PMU. sens.pmu.adb@wbphed.gov.in
13	Samar Sen		ce2.pmu.adb@wbphed.gov.in
14			
15			
16			



**Annexure-B****A. Restructured State Level Steering Committee for ADB Assisted Project (WBDWSIP) under PHE Department.****Members of the State Level Steering Committee :-**

1	The Chief Secretary, Govt. of West Bengal-	<b>Chairperson</b>
2	The Principal Secretary / Additional Chief Secretary, PHE Department-	<b>Member</b>
3	The Principal Secretary / Additional Chief Secretary, P & RD Department	<b>Member</b>
4	The Principal Secretary/ Additional Chief Secretary, Finance Department	<b>Member</b>
5	The Principal Secretary/ Additional Chief Secretary, I & W Department	<b>Member</b>
6	The Principal Secretary/ Additional Chief Secretary, Public Works Department	<b>Member</b>
7	The Principal Secretary/Additional Chief Secretary, Urban Development & Municipal Affairs Department	<b>Member</b>
8	The Principal Secretary/ Additional Chief Secretary, Land and Land Reforms Department	<b>Member</b>
9	The Engineer-in-Chief, PHE Department	<b>Member</b>
10	The Project Director, WBDWSIP, PHE Directorate	<b>Member Secretary</b>
11	The District Magistrate (each District)	<b>Invitee Member</b>

**B. Restructured District Level Steering Committee for ADB Assisted Project (WBDWSIP) under PHE Department****Members of the District Level Steering Committee :-**

1	The District Magistrate	<b>Chairperson</b>
2	The Additional District Magistrate/DLLRO, Land and Land Reforms	<b>Member</b>
3	The Additional Executive Officer, Zilla Parisad	<b>Member</b>
4	The Superintending Engineer, PIU (each PIU), PHE Dte	<b>Member Secretary</b>
5	The Superintending Engineer/Executive Engineer, PW (Roads)	<b>Member</b>
6	The Superintending Engineer/Executive Engineer, PWD	<b>Member</b>
7	The Superintending Engineer/Executive Engineer, I & WD	<b>Member</b>
8	The Executive Engineer, (PIU), PHE Dte	<b>Member</b>
9	The Assistant Engineer, Social Safeguard (PIU) PHE Dte	<b>Member</b>
10	The Block Development Officer (each Block)	<b>Member</b>
11	Representative of NGO	<b>Invitee Member</b>

## PMU LEVEL

*Grievance Redressal new file* *MA 10-412/PIU, dt-24.10*  
*Social Safeguard* *EE (Civil) PIU, New Parganas*  
*27.05.19* *23.05.2019* *1*

Superintending Engineer,  
 PIU, North 24 Parganas  
 WBDWSIP, P.H.E. Dte.  
 Govt. of West Bengal

Government of West Bengal  
 Public Health Engineering Directorate  
 Project Management Unit, West Bengal Drinking Water Sector Improvement Project  
 Utility Building, 1<sup>st</sup> Floor, (Premises No.-09/1-0024)  
 AA-1A, (Tank No.-3), New Town Kolkata-700 156  
 Phone No.-(033) 2324-2095, E-mail: [pd.pmu.adb@wbphed.gov.in](mailto:pd.pmu.adb@wbphed.gov.in);  
[pmu.adb@wbphed.gov.in](mailto:pmu.adb@wbphed.gov.in)

Memo No. PMU/WBDWSIP/PHED/28.1.380 Date: 16.05.2019.

**NOTIFICATION**

In order to address social, environmental and any other project or sub project related grievances in the implementation of Piped water supply schemes in the districts of Bunkura, North & South 24 Parganas, Purba Medinipur under West Bengal Drinking Water Sector Improvement Project, PHE Dte with the assistance of Asian Development Bank (ADB), a common grievance redress mechanism has been developed for Project Management Unit.

The following members constitute the Grievance Redressal Committee to resolve the grievances at the PMU level:

1. Chair person- Chief Engineer & Project Director, PMU
2. Member-Superintending Engineer (Civil), PMU
3. Member-Superintending Engineer (Mech/Elec.), PMU,
4. Safeguards and Gender Officer, Safeguards Gender Cell- Executive Engineer-I PMU,

The functions of GRC at PMU level are as follows:-

1. Accept Grievances of the Aggrieved parties through telephone hot lines at accessible location, email, post at PMU office
2. Address and Facilitate resolution of Grievances not resolved at the field and PIU level within stipulated time.
3. PMU HSGO together with PIU safeguard officers will have the joint responsibility for timely grievance redress on safeguards and gender issues and for registration of grievances, related discloser, and communication with the aggrieved party.
4. Resolve grievances and suggest corrective measures or solutions for their redressal to PIU for implementation within the specified time (within 15 days).
5. If grievances cannot be resolved at the project level they will be referred to the District Steering Committee (DSC), which will also act as Grievance Redressal Committee particularly in matters related to land purchase and or acquisition, payment of compensation, and environmental pollution among others.

*Open file*  
*P. Grievance*  
*Social Safeguard*  
*27.05.19*



6. Any matter deemed higher than the district level or that may require inter departmental coordination, the required grievances redress will be referred to the state level steering committee.
7. Careful documentation of the name of the complainant and date of receipt of complaint, address and contact details of complainant, location of the problem area and how the problem was resolved and report the same in the Quarterly Progress Report and Semi Annual Safeguard Monitoring report to be submitted to ADB.
8. Periodically Review the functioning of the GRM at the field and PIU level.

The GRC will continue to function throughout the project duration.

*At.* 16.05.19  
Chief Engineer & Project Director,  
PMU, WBDWSIP, P.H.E. Dte.,  
Govt. of West Bengal.

Memo No. PMU/WBDWSIP/PHED/...../.....

Date: 16.05.2019.

Copy forwarded for information to:-

1. The Superintending Engineer, Civil / (M/E), PMU, WBDWSIP, PHE Dte.
2. The Superintending Engineer, PIU, North 24 Parganas/ Purba Medinipur / Bankura, WBDWSIP, PHE Dte. with a directive to constitute the GRC at the PIU level and Field level as suggested in PAM approved by ADB.
3. The Executive Engineer-I PMU, WBDWSIP, PHE Dte.
4. The Executive Engineer, PIU, North 24 Parganas/ Purba Medinipur/Bankura, WBDWSIP, PHE Dte.

*At.* 16.05.19  
Chief Engineer & Project Director,  
PMU, WBDWSIP, P.H.E. Dte.,  
Govt. of West Bengal.

## PIU Level – North 24 pgs



GOVERNMENT OF WEST BENGAL  
OFFICE OF THE SUPERINTENDING ENGINEER  
P.I.U., NORTH 24 PARGANAS WEST BENGAL DRINKING  
WATER SECTOR IMPROVEMENT PROJECT  
PUBLIC HEALTH ENGINEERING DIRECTORATE  
UTILITY BUILDING, 3<sup>RD</sup> FLOOR, (PRIMISES NO.-09/1-0024)  
AA-IA (TANK NO. 3), NEW TOWN, KOLKATA-700156  
Email : [se.piun24p.adb@wbphed.gov.in](mailto:se.piun24p.adb@wbphed.gov.in)

Memo No.

/PIUN24PGS

Dated :

**NOTIFICATION**

In order to address social, environmental and any other project or sub project related grievances in the implementation of Asian Development Bank (ADB) assisted Piped water supply schemes in the district of North 24 Parganas under West Bengal Drinking Water Sector Improvement Project (WBDWSIP), a project level Grievance Redress Mechanism (GRM) has been developed for the Project Implementation Unit (PIU), North 24 Parganas, WBDWSIP, PHE Dte. and the Grievance Redress Committee (GRC) has been constituted with the following members to resolve the grievances at the PIU level:


Status in the GRC	Designation	Contact No.
Member	Assistant Engineer and Officer, Safeguard & Gender (Responsible for Haroa), PIU, North 24 Parganas, WBDWSIP, PHE Dte	033 2324 2051 (Extn. 204)
Member	Assistant Engineer (Responsible for WTP), PIU, North 24 Parganas, WBDWSIP, PHE Dte.	033 2324 2051 (Extn. 202)
Member	Assistant Engineer (Responsible for Bhargar-II), PIU, North 24 Parganas, WBDWSIP, PHE Dte.	033 2324 2051 (Extn. 203)
Member	Junior Engineer and Asst. Officer, Safeguards (Responsible for Haroa), PIU, North 24 Parganas, WBDWSIP, PHE Dte.	033 2324 2051 (Extn. 205)
Member	Junior Engineer and Asst. Officer, Gender (Responsible for WTP), PIU, North 24 Parganas, WBDWSIP, PHE Dte.	033 2324 2051 (Extn. 210)
Member	Junior Engineer (Responsible for Bhargar-II), PIU, North 24 Parganas, WBDWSIP, PHE Dte.	033 2324 2051 (Extn. 211)

Note : This is in accordance to the structure enumerate in PAM.

The function of GRC at PIU level are as follows-

1. Being assisted by the Design Supervision & Institutional Support Consultants (DSISC) the PIU will disseminate information and awareness campaigns on grievance redress procedures.
2. Brief the contractors on GRM with support from DSISC.
3. Accept grievances of the aggrieved person(s) in the grievance redress form (as specified in Appendix 6 of PAM).
4. Careful documentation of the name of the aggrieved person(s), date of receipt of the grievance, address/ contact details of the aggrieved person, location of the problem area etc.

5. Address and facilitate resolution of grievances not resolved at the field level within stipulated time (7 days).
  6. The Officer, Safeguard & Gender, PIU, North 24 Parganas supported by the Social, Gender & Resettlement Specialist of DSISC, North 24 Parganas will be responsible for conducting meeting with the affected aggrieved person(s) to understand their concerns and help them through the process of grievance redressal including translating the complaints into Bengali or English, recording and registering grievances of non-literate affected persons and explaining the process of grievance redress mechanism.
  7. If the PIU level GRC fails to resolve the grievance, the matter may be conveyed to the GRC established within PMU and the actions suggested by them to be taken up/ followed by this GRC.
  8. Ensure redress of grievances on safeguards and gender issues and for registration of grievances, related disclosure and communication with the aggrieved party.
  9. If grievances cannot be resolved at the PIU level, they will be referred to the District Steering Committee (DSC), acting as the GRC.
  10. Any matter deemed higher than the district level or that may require inter-departmental coordination, the required grievance redress will be referred to the State Level Steering Committee (SLSC).
  11. The GRC at PIU, North 24 Parganas will also be responsible for follow-through for each grievance, periodic information dissemination to the aggrieved person(s) on the status of their grievances and recording their feedback (satisfaction/ dissatisfaction and suggestions).
  12. Periodically Review the functioning of the GRM at this end as well as field level.
- The GRC will continue to function throughout the project duration.


  
 Superintending Engineer  
 P.I.U., North 24 Parganas, WBDWSIP  
 Public Health Engineering Directorate  
 Govt. of West Bengal

Memo No. 409/(1-12) /PIUN24PGS

Dated: 20.05.19

Copy forwarded for information to :-

1. The Chief Engineer & Project Director, PMU, WBDWSIP, PHE Dte.
2. The Dy. Superintending Engineer, PIU, North-24 Pgs., WBDWSIP, PHE Dte.
3. The Executive Engineer (Civil), PIU, North 24 Parganas, WBDWSIP, P.H.E. Dte.
4. The Executive Engineer (Elec./Mech.), PIU, North 24 Parganas, WBDWSIP, P.H.E. Dte.
5. The Executive Engineer-I and Head Safeguard & Gender Officer, PMU, WBDWSIP, P.H.E. Dte.
6. The Assistant Engineer-I / II, PIU, North 24 Parganas, WBDWSIP, P.H.E. Dte.
7. The Assistant Engineer and Officer Safeguard & Gender, Sub Divn.-I under PIU, North 24 Parganas, WBDWSIP, P.H.E. Dte.
8. Sri Shyamalendu Debadhikari, Junior Engineer, PIU, North 24 Parganas, WBDWSIP, P.H.E. Dte.
9. The Junior Engineer and Junior Safeguard & Gender Officer, PIU, North 24 Parganas, WBDWSIP, PHE Dte.
10. The Junior Engineer and Junior Environmental Officer, PIU, North 24 Parganas, WBDWSIP, P.H.E. Dte.
11. The Team Leader, DSISC, North 24 Parganas.
12. The Social / Gender / Resettlement Specialist, DSISC, North 24 Parganas.

  
 Superintending Engineer  
 P.I.U., North 24 Parganas, WBDWSIP  
 Public Health Engineering Directorate  
 Govt. of West Bengal



## PIU Level GRC - Bankura



**GOVERNMENT OF WEST BENGAL**  
**OFFICE OF THE SUPERINTENDING ENGINEER**  
 Project Implementation Unit, Bankura, WBDWSIP, P.H.E.DTE.  
 RABINDRA SARANI NEAR JAIL MORE: BANKURA: PIN - 722101  
 Ph No - 03242-241007, 241008::: email:  
 se.piubankura.adb@wbphcd.in & piubankura.adb@wbphcd.gov.in

Memo No. 443 /SE/PIU-Bankura

Dated Bankura the 08/01/2019

**NOTIFICATION**

In order to address social, environmental and any other project or sub project related grievances in the implementation of Asian Development Bank (ADB) assisted Piped water supply schemes in the district of Bankura under West Bengal Drinking Water Sector Improvement Project (WBDWSIP), a project level Grievance Redress Mechanism has been developed at PIU Level for PIU, Bankura, WBDWSIP, PHE Dte with the following members.

1. Chairperson- Executive Engineer (Civil), PIU, Bankura, WBDWSIP, PHE Dte.
2. Member- Executive Engineer (E/M), PIU, Bankura, WBDWSIP, PHE Dte.
3. Assistant Safeguard and Gender Officer – Assistant Engineer, Head Quarters, PIU, Bankura, WBDWSIP, PHE Dte.
4. Assistant Environmental Officer – Assistant Engineer - I, PIU, Bankura, WBDWSIP, PHE Dte.
5. Junior Safeguard and Gender Officer – Junior Engineer, PIU, Bankura, WBDWSIP, PHE Dte.
6. Junior Environmental Officer – Junior Engineer, PIU, Bankura, WBDWSIP, PHE Dte.
7. Social/Gender/Resettlement Specialist, DSISC, PIU, Bankura, WBDWSIP, PHE Dte.

The function of GRC at PIU level are as follows-

1. Accept Grievances of the Aggrieved persons through grievance redress/ suggestion forms in complaints/ suggestion boxes or through telephonic hotlines at accessible locations, by e-mail, by post, or by writing in a complaint register in PIU office.
2. Careful documentation of the name of the complainant, date of receipt of the complaint, address/ contact details of the aggrieved person, location of the problem area etc.
3. Address and facilitate resolution of Grievances not resolved at the field level within stipulated time (7 days).
4. The Assistant safeguard Officer, PIU, Bankura supported by the Social safeguard specialist of DSISC, PIU, Bankura will be responsible for conducting meeting with the affected/ aggrieved person (s) to understand their concerns and help them through the process of grievance redressal including translating the complaints into Bengali or English, recording and registering grievances of non literate affected persons and explaining the process of grievance redress mechanism.
5. If the PIU level GRC fails to resolve the Grievance, the matter may be conveyed to the GRC established within PMU and the actions suggested by them to be taken up/ followed by this GRC.
6. PMU HSGO together with PIU safeguard officers will have the join responsibility for timely Grievance Redressal on safeguards and Gender Issues and for registration of Grievances, related disclosure and communication with the aggrieved party.
7. If Grievance cannot be resolved at the Project Level, they will be referred to the District Steering Committee (DSC) which will also act as Grievance Redressal Committee, particularly in matter related to Land purchase and or Acquisition, payment of the compensation and environmental pollution among others.
8. Any matter deemed higher than the district level or that may require inter-departmental coordination, the required Grievance redress will be referred to the State Level Steering Committee.
9. The GRC at PIU, Bankura will also be responsible for follow-through for each grievance, periodic information dissemination to complainants on the status of their grievances and recording their feedback (satisfaction / dissatisfaction and suggestions).

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10. Periodically Review the functioning of the GRM at this end as well as field level.

The GRC will continue to function throughout the project duration.

*[Signature]* 06/06/19  
Superintending Engineer  
PIU, Bankura, WBDWSIP, PHE Dte

Memo No. 443 / ISE/PIU-Bankura

Dated Bankura the 6 / 6 / 2019

**Copy forwarded for information and necessary action:-**

- 1) The Chief Engineer & Project Director, WBDWSIP, PHE Dte.
- 2) Executive Engineer (Civil), PIU, Bankura, WBDWSIP, PHE Dte.
- 3) Executive Engineer (E/M), PIU, Bankura, WBDWSIP, PHE Dte.
- 4) Assistant Engineer (HQ), PIU, Bankura, WBDWSIP, PHE Dte.
- 5) Assistant Engineer – I, PIU, Bankura, WBDWSIP, PHE Dte.
- 6) Junior Engineer-I, PIU, Bankura, WBDWSIP, PHE Dte.
- 7) Junior Safeguard and Gender Officer – Junior Engineer, PIU, Bankura, WBDWSIP, PHE Dte.
- 8) Junior Environmental Officer – Junior Engineer, PIU, Bankura, WBDWSIP, PHE Dte.
- 9) The Team Leader, DSISC, PIU, Bankura, WBDWSIP, PHE Dte.
- 10) Social/Gender/Resettlement Specialist, DSISC, PIU, Bankura, WBDWSIP, PHE Dte.
- 11) Support Staff (I & II) - Environmental and Social Safeguards, DSISC, PIU, Bankura, WBDWSIP, PHE Dte.

*[Signature]* 06/06/19  
Superintending Engineer  
PIU, Bankura, WBDWSIP, PHE Dte

## GP Level GRC Notification



**GOVERNMENT OF WEST BENGAL**  
**OFFICE OF THE SUPERINTENDING ENGINEER**  
 Project Implementation Unit, Bankura, WBDWSIP, P.H.E.DTE.  
 RABINDRA SARANI: NEAR JAIL MORE: BANKURA: PIN – 722101  
 Ph No – 03242-241007, 241008 :: email: se\_bank\_wb@wbphed.gov.in,  
 se\_piubankura.adb@wbphed.in & piubankura.adb@wbphed.gov.in

Memo No. 905 /SE/PIU-Bankura

Dated Bankura the 24 / 10 / 2019

**Notification**

In order to address Social, environmental and any other project or subproject related grievances in implementation of Asian Development Bank (ADB) assisted piped water supply schemes in the district of Bankura under West Bengal Drinking Water Sector Improvement Project (WBDWSIP), a field level Grievance Redress Mechanism has been developed for different packages under this project with the following members.

1. Safeguard officer from PIU (AE, PHE)- Chairperson
2. Gram-Panchayet Pradhan of the concerned G.P – Member
3. Support Environment safeguard – Member
4. Support Social Safeguard - Member
5. Panchayet Member of the concerned G.P - Member
6. Health and Safety officer from contractor's side- Member

The function of GRC at field level are as follows: -

1. Accept Grievances of the aggrieved persons through grievance redress / suggestion forms in complaints / suggestion boxes or through telephonic hotlines at accessible locations, by e-mail, by post, or by writing in a complaint register in PIU office.
2. Careful documentation of the name of the complainant, date of receipt, address / contact details of the aggrieved person, location of the problem area etc.
3. Address and facilitate resolution of Grievances within stipulated time (7 days).
4. Safety officer of Contractor supported by the Social safeguard support and Environmental Safeguard Support of DSISC, PIU, Bankura will be responsible for conducting meeting with the affected / aggrieved person(s) to understand their concerns and help them through the process of grievance redressal including translating the complaints into Bengali or English, recording and registering grievances of non – literate affected persons and explaining the process of grievance redress mechanism.
5. If the Field level GRC fails to resolve the Grievance, the matter may be conveyed to the PIU level GRC and the actions suggested by them to be taken up / followed by this GRC.
6. Field level GRC will have the primary responsibility for timely Grievance Redressal on safeguards and Gender Issues and for registration of Grievances, related disclosure and communication with the aggrieved party.



**APPENDIX 15: SAMPLE GRIEVANCE REGISTRATION FORM**

(To be available in Hindi and English or local language - Bengalee)

The **West Bengal Drinking Water Sector Improvement Project (WBDWSIP)**, Govt. of West Bengal welcomes complaints, suggestions, queries and comments regarding project implementation. We encourage persons with grievance to provide their name and contact information to enable us to get in touch with you for clarification and feedback.

Should you choose to include your personal details but want that information to remain confidential, please inform us by writing/typing **\*(CONFIDENTIAL)\*** above your name. Thank you.

<b>Date</b>		<b>Place of registration</b>			
<b>Contact Information/Personal Details</b>					
<b>Name</b>		<b>Gender</b>	<b>Male</b> <b>Female</b>	<b>Age</b>	
<b>Home Address</b>					
<b>Village / Town</b>					
<b>District</b>					
<b>Phone no.</b>					
<b>E-mail</b>					
<b>Complaint/Suggestion/Comment/Question Please provide the details (who, what, where and how) of your grievance below:</b> <b>If included as attachment/note/letter, please tick here:</b>					
<b>How do you want us to reach you for feedback or update on your comment/grievance?</b>					

**FOR OFFICIAL USE ONLY**

<b>Registered by: (Name of official registering grievance)</b>	
<b>If – then mode:</b> <ul style="list-style-type: none"> <li>• Note/Letter</li> <li>• E-mail</li> <li>• Verbal/Telephonic</li> </ul>	
<b>Reviewed by: (Names/Positions of Official(s) reviewing grievance)</b>	
<b>Action Taken:</b>	
<b>Whether Action Taken Disclosed:</b>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
<b>Means of Disclosure:</b>	

**GRIEVANCE REDRESS REGISTAR**  
**GRIEVANCES RECORD AND ACTION TAKEN**

Sr. No.	Date	Name and Contact No. of Complainer	Type of Complain	Place	Status of Redress	Remarks

অভিযোগ নিবন্ধন ফর্মের নমুনা

..... প্রকল্পকে বাস্তবায়িত করার লক্ষ্যে অভিযোগ, পরামর্শ, অনুসন্ধান এবং মন্তব্যের জন্য স্বাগত।

আমরা অভিযোগকারীকে অভিযোগ সহ নাম জানাতে উৎসাহিত করি এবং আপনার সাহচর্যে এসে এর শোধন ও প্রতিক্রিয়া জানাতে সক্ষম হই।

অবশ্যই আপনি আপনার ব্যক্তিগত বিষয় বিস্তারিত ভাবে যুক্ত করতে ইচ্ছাপ্রকাশ করবেন। যে তথ্য আপনি দেবেন, তা অবশ্যই গোপন থাকবে। তাই অনুগ্রহ করে আপনার নাম লিখে / টাইপ করে জানান।

তারিখ	নিবন্ধনের জায়গা	প্রকল্পের শহর	প্রকল্পঃ
যোগাযোগের তথ্য / বিস্তারিত ব্যক্তিগত তথ্য			
নাম		লিঙ্গ	পুরুষ মহিলা
বাসীর ঠিকানা			
জায়গা / স্থান			
ফোন নং			
ই-মেইল			
যেকোন অভিযোগ / পরামর্শ / মন্তব্য / প্রশ্ন অনুগ্রহ করে নিচে বিস্তারিতভাবে (কে, কি, কোথায় এবং কেমন করে) আপনার অভিযোগ জানান			
যদি কোন সংযুক্তি / চিত্রকূট / চিঠি অন্তর্ভুক্ত করতে চান, অনুগ্রহ করে সেখানে টিক দিন।			
আপনার অভিযোগ / মন্তব্যের স্থানগত (আপডেট) বা প্রতিক্রিয়া কিভাবে পেতে চান?			

Office ব্যবহারের জন্যঃ

অভিযোগ নিবন্ধনকারী আধিকারিকের নামঃ	
যোগাযোগ ব্যবস্থাঃ	
চিত্রকূট / চিঠি-	
ই-মেইল-	
মৌখিক / টেলিফোন-	
নিবন্ধকৃত অভিযোগ পর্যালোচনাকারী আধিকারিকের নাম ও পদঃ	
অভিযোগের বিরুদ্ধে গৃহীত ব্যবস্থা-	
গৃহীত ব্যবস্থা প্রকাশ্যে আনা হয়েছে কি না	হ্যাঁ না
প্রকাশের উপায়	

**APPENDIX 16: LIST OF GRIEVANCES (MAY-OCT.2019)**

Package: Construction program for Design and Construction of Over Head Reservoir Including Water Supply Distribution Network and Metering work in Haroa Block (Contract Package-WBDWSIP/DWW/NCB/N24P/02A/2017)

**GRIEVANCE REGISTRATION- HAROA BLOCK**

Date of registration	Zone	Name of Person	Contact details	Complains/ Suggestions/Comments/ Questions	Registered by	Addressed by	Action taken	Date of Address
24.07.19	5	Anath Mondal	Not shared	Cutting soil spread out on the road.	Site supervisor	Not shared	Immediately engage labour with kodal and clean the road.	24.07.19
28.07.19	5	Alomoti Mondal	Not shared	Dust during excavation work carried out.	Site supervisor	Not shared	Immediately water sprayed at excavation work.	28.07.19
09.08.19	5	Zharna Mondal	8145813823	No road access for in/out from house	Site supervisor	Not shared	Immediately laying the pipe and backfilling work done.	09.08.19
15.08.19	5	Bikash Mondal	7431075868	Collapse the soil heap on the road during vehicle movement on the road	Site supervisor	Not shared	Immediately engage the labour with kodal and clean the road and making way for vehicle movement	15.08.19
27.08.19	5	Kartik Mondal	9775345036	Dust during backfilling excavated earth	Site supervisor	Not shared	Immediately water sprayed on the road through water filled drum.	27.08.19
10.09.19	5	Mongal	9593185198	No road access during pipe laying.	Site supervisor	Not shared	Immediately laying the pipe and backfilling the place for making way.	10.09.19
26.09.19	5	Not shared	Not shared	Jali to be put for easy in/out from their houses	Site supervisor	Not shared	Complied by putting MS Jali on trench.	26.09.19
20.10.19	5	Not shared	Not shared	Excavated trench proper compaction.	Site supervisor	Not shared	Immediately rolling JCB wheel on the trench.	20.10.19
25.08.2019	15 (Pipe line)	Usman S.k	Not shared	Dust due to trench excavation Causing Noises	Site supervisor		Immediately water van come into the spot and sprinkled water trough out the side of the trench on the road	Completed immediately within one hour
29/08/2019	15 Pipe	Jahir Abbas	Not shared	Jali was to be put for easy	Site		As the work completed	29.08.2019

Date of registration	Zone	Name of Person	Contact details	Complains/ Suggestions/Comments/ Questions	Registered by	Addressed by	Action taken	Date of Address
	line			access of house persons with their two Wheelers to cross safely over trench	supervisor		was just before lunch platform was brought from labour Camp and put in the required area	
15.05.2019			Not shared	Dust hazard during back filling	Site supervisor		Water sprinkling done immediately	15.05.2019
17.05.2019			Not shared	Flying dust causing problems	Site supervisor		Soon water sprayed	
29.05.2019			Not shared	No road access in front of house & shop beside the cutting trench	Site supervisor		Immediately put the MS jali on that trench	29.05.2019
28.07.2019			Not shared	No road access during excavation work carried out for pipe laying in front of house & shop.	Site supervisor		Immediately put MS jali on the trench in front of house & shop.	28.07.2019
17.07.2019	17 (OHR site)	Not shared	Not shared	In absence of water tap water is falling the OHR site & causing wastage of water	Site supervisor	Not Shared	By putting a tap on PHE time water line avoid water logging inside the OHR site.	20.07.2019
16.08.2019	17 (OHR site)	Not shared	Not shared	Access to OHR found water logging	Site supervisor	Not Shared	Bricks were put on the water logging area	17.08.2019
26.08.2019	17 (OHR site)	Not shared	Not shared	Aggregate & sand to be kept properly in the site	Site supervisor	Not Shared	Bricks are kept at height 200 mm put in a circular portion around the aggregate and sand	26.08.2019
29.08.2019	12 (OHR site)	Not shared	Not shared	Aggregate & sand blocking 50% of public road	Site supervisor	Not Shared	Complied by removing materials from road with the help of JCB with subsequent safety barricade	29.08.2019
05.09.2019	12 (OHR site)	Not shared	Not shared	Bentonite vats area's caution tape destroyed. It needs fresh barricade to avoid trip slip & falls	Site supervisor	Not Shared	Immediately subcontractor was told to barricade the vat location with caution tape.	05.09.2019
08.08.2019	12	Bapi Sk	Not shared	After back filling soil	Site	Not Shared	Complied by engage 2	08.08.2019

Date of registration	Zone	Name of Person	Contact details	Complains/ Suggestions/Comments/ Questions	Registered by	Addressed by	Action taken	Date of Address
	(Pipeline)			scattered on the road	supervisor		labour	
24.08.2019	12 (Pipeline)		Not shared	Dust hazard for back filling	Site supervisor	Not Shared	Immediately spread water on the road	24.08.2019
07.09.2019	12 (Pipeline)	Jahir Sk	Not shared	No road access in or out from house	Site supervisor	Not Shared	Immediately put MS platform there	07.09.2019
30.05.2019	1 (Pipeline)	Not shared	Not shared	Dust during excavation & back filling	Site supervisor	Not Shared	Immediately sprayed water there.	30.05.2019
03.06.2019	1 (Pipeline)	Not shared	Not shared	Public & vehicle movement getting problem as some earth scatter on the road	Site supervisor	Not Shared	Restorde the spoiled earth on the earth hips	03.06.2019
30.06.2019	1 (Pipeline)		Not Shared	Dust during excavation & back filling	Site supervisor	Not Shared	Immediately sprayed water there.	30.06.2019
20.06.2019	13 (Pipeline)	Safikul Sk	Not Shared	Excavated trench proper compaction, bitumen road cleaning, road access for pedestrian, road access for trench, trench barricading at working site.	Site supervisor	Not Shared	Complied by contractor	20.06.2019
22.06.2019	13 (Pipeline)	Ganesh Ghosh	Not Shared	Dust is creating mud after rain. Sleep & accident chance are three	Site supervisor	Not Shared	Immediately engaged workman to make the road movement better for pedestrian & vehicle.	22.06.2019
19.09.2019	13 (Pipeline)		Not Shared	Dust hazard during back filling the excavated soil	Site supervisor	Not Shared	Immediately sprayed on the road.	19.09.2019
03.10.2019	13 (Pipeline)	Prokash Mondal	Not Shared	Soil spread on the road after back filling	Site supervisor	Not Shared	Immediately engage labour for clean the road.	03.10.2019
10.09.2019	21 (Pipeline)	Rabiul Islam	Not Shared	Dust hazard due to back filling	Site supervisor	Not Shared	Immediately water sprayed on the road.	10.09.2019
20.09.2019	21 (Pipeline)		Not Shared	Soil spread on the road after back filling	Site supervisor	Not Shared	Immediately engaged labour for clean the road.	25.09.2019
25.09.2019	21 (Pipeline)	Md. Ohidulla	Not Shared	No access for easy in or out from their house	Site supervisor	Not Shared	Complied the same by putting <i>crossing platform</i> on the trench.	25.09.2019

Date of registration	Zone	Name of Person	Contact details	Complains/ Suggestions/Comments/ Questions	Registered by	Addressed by	Action taken	Date of Address
29.09.2019	14 (pipeline)	Aeyasa Bibi	Not Shared	Dust hazard during excavation for pipe laying	Site supervisor	Not Shared	Immediately water sprayed on the road.	29.09.2019
04.10.2019	14 (pipeline)	Tarubala Mondal,	9733641344	Poor compaction after back filling	Site supervisor	Not Shared	Immediately excavated trench after back filling rolling by JCB	04.10.2019

Package: Construction program for Design and Construction of Over Head Reservoir Including Water Supply Distribution Network and Metering work in Bhangar Block- II (Contract Package- WBDWSIP/DWW/NCB/N24P/02B/2017)

#### GRIEVANCE REGISTRATION- BHANGAR II BLOCK

Date of registration	Zone	Name of Person	Contact details	Complains/ Suggestions/Comments/ Questions	Registered by	Addressed by	Action taken	Date of Address
08/18/2019	4	Sunil Mandal	Not shared	During JCB excavation for pipe line and movement of two wheels on the road, dust was causing problem to we villages	Site Supervisor	Not shared	Immediately ordered subcontractor to sprinkle water on we road to reduce dust contamination.	8/18/2019
09/28/2019	4	Isrul khan	Not shared	Complained regarding absence of F.A. Box near the trench location excavation	Site Supervisor	Not shared	Workers forgot to bring F.A box with them from labour camp. They were told to bring the F.A box and keeps it in the work location.	9/28/2019
03/05/2019	4	Badal	Not shared	Sand Vehicle stopped near to the site due to culvert bridge broken, no way to pass the vehicle	Site Supervisor	Not shared	Action are taken by contractor making the Bamboo pilling and Sand Bag packing to cross the culvert	04.05.2019
10/08/2019	10 pipe line	Ansar MD	Not shared	Village people told during pipe trench excavation in some area barricading tape is necessary to avoid fall of children walking nearby	Site Supervisor	Not shared	Immediately barricading provided	Completed within one hour same day.
23/08/2019	10 pipe line	MD Khan	Not shared	Due to JCB excavation of the trench and movement	Site Supervisor	Not shared	Immediately Water van sprinkled water on the road	Completed in the same day.



Date of registration	Zone	Name of Person	Contact details	Complains/ Suggestions/Comments/ Questions	Registered by	Addres sed by	Action taken	Date of Address
				of two-wheeler spreading of dust causing problem to the villagers going on the road			to control and minimize dust hazard	
12/09/2019	10 pipe line	Chabilal Mondal	Not shared	In the Village small road van, two wheelers etc., entered and facing problem as excavation by JCB for pipe laying was going on asked for a traffic signal man	Site Supervisor	Not shared	Immediately a worker was put on the road with a flag to control the traffic	21.09.2019
10/10/2019	10 pipe line	JUVEL S.K	Not shared	Villagers facing problem to come out from their house and to cross the excavated pit.	Site Supervisor	Not shared	Immediately it was ordered to subcontractors to put platform near the houses of the villagers till backfilling is not done.	Completed in the second half by putting some jalis on excavated trench for easy access of the villagers.
19/10/2019	10 pipe line	Babu Das	Not shared	After back filling the excavated trench some loose soils which is wet due to rain causing few area of the road slippery	Site Supervisor	Not shared	Immediately using shovel workers brought that extra wet soil remaining on the ground to the trench	19.10.2019
26/09/2019	9	Nirmal Mondal	Not shared	Pipe line trench excavated soil narrowing the road	Site Supervisor	Not shared	Advised to subcontractor not to do the soil trench beside the road, so that so that road space will increase	26.09.2019
30/09/2019	9	Hamauyan Shaikh	Not shared	Excavated muddy soil making the road slippery	Site Supervisor	Not shared	Immediately road cleaning	30.09.2019

Package: Construction program for Design and Construction of Over Head Reservoir Including Water Supply Distribution Network and Metering work in WTP (Contract Package- WBDWSIP/DWW/NCB/N24P/01/2017)  
NO GRIEVANCE WAS RECORDED AT THIS PACKAGE.

## APPENDIX 17: PUBLIC CONSULTATION AT FIELD LEVEL

## Public Consultation during construction (weekly for different working sites) - WBDWSIP

Package- 02A/  
Area- 2000 (06) - Hirona Block.


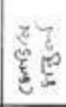


Sr. No.	Road/Lane No.	Date	PHE and utility service Connection Restoration- (in case affected) Remarks	Overburden soil / sludge/ silt removal -Remarks	Road Restoration-Remarks	Dust and noise problem-Remarks	Social safety arrangement- Caution tape/ barricade etc. by contractor -Remarks	Problem of local movements due to project activity -Remarks	Other Problem faced if any	Name of the person with address/ contact No.	Signature
1.	2000-6 (6)	15.10.19	NIL	NIL	NIL	NIL	Net Sign always	NIL	NIL	Bijayjit Roy. 9153094805 Kamarganda - New	Bijayjit Roy.
2.	2000-6	15.10.19	NIL	NIL	NIL	Little bit noise from road	"	NIL	NIL	Alok Roy. 973533814 New Kamarganda	Alok Roy.
3.	2000-6	15.10.19	NIL	NIL	NIL	"	"	NIL	NIL	Patsin Roy. 9635307100 New Kamarganda.	Patsin Roy.

Note: At least 8 such consultation in a month


Need clear view from locals


Deu By Enr. S. J. Gaud (DS/SC)  
R. K. K. K. K.

(Date &amp; Signature of Safety officer/ Engineer of Contractor)

Form No-07 Public Consultation During Construction - WBDWSIP											
Package : WBDWSIP/DWW/NCB/N2AP/02B/2017-18(PIPE LINE)								Month	: Sept- 2019		
Sl. No.	Road/Lane No.	Date	PHE Connection/utility restoration-(Incase affected) remarks	Overburden soil / sludge/ silt removal- Remarks	Road Restoration Remarks	Dust and noise problem - Remarks	Social safety arrangement Caution tape/baricade etc. by Contractor - remarks	Problem of local movements due to project activity- Remarks	Other problem faced if any	Name of the person with address/contact no.	Signature
1	ZONE-01 Bittan Ghatu	09/09/19	Before string the job we are first make a layout an make a trial pit find out the existing line. N/A	Over burden soil/cutting soil kept at safe distance from excavated area. N/A	N/A	Sprinkling the water at regular basis. N/A	Use safety or Danger tape to avoid falling person.	No	No	Nasir Mulla	
2	ZONE-10 Sholekote	13/9/19	N/A	N/A	N/A	N/A	N/A	Road levelling. of negative trench.	No	Mosin Mondal	
3	ZONE-13 Baniara	21/9/19	N/A	N/A	N/A	N/A	N/A	Road blocked when working time.	No	Safiu Mondal	
4	ZONE-9 Nunika Barbar	26/9/19	N/A	N/A	N/A	N/A	N/A	No	No	Muktar	

Need clear vie from locals

  
Date & Signature of Safety Officer/Engineer of Contractor

  
Verification by DSISC on sample basis during site visit

## Public Consultation during construction (weekly for different working sites) - WBDWSIP

Package- WBDWSIP/Enw/NCB/NWP/028/17-18 (Bhangau-II)

Area- Zone 4 (Dipki Lini Kora) (Node - J 55 to J 8)

Sr. No.	Road/Lane No.	Date	PHE and utility service Connection Restoration- (in case affected) Remarks	Overburden soil / sludge/ silt removal -Remarks	Road Restoration- Remarks	Dust and noise problem- Remarks	Social safety arrangement- Caution tape/ barricade etc. by contractor -Remarks	Problem of local movements due to project activity - Remarks	Other Problem faced if any	Name of the person with address/ contact No.	Signature
1.		19/07/19	NIL	NIL	NIL	NIL	No Caution Tap	Road blockage due to project activity	No prior information - 9382372399	Dipki Karmakar	[Signature]
2.		19/07/19	NIL	NIL	NIL	NIL			No prior information - 826838607	Bablu Molla	[Signature]
3.											

Note: At least 8 such consultation in a month

Need clear view from locals

[Signature] 19/07/19

(Date &amp; Signature of Safety officer/ Engineer of Contractor)





## **APPENDIX 18: DETAIL OF THE ENVIRONMENT SAFEGUARD WORKSHOP CONDUCTED BY ADB AND PMC**

2019

### **Training-Workshops on ADB Safeguards Implementation and Monitoring**



**[West Bengal Drinking  
Water Sector Investment  
Program]**

July-August, 2019



## Table of Contents

I. INTRODUCTION .....	3
II. OBJECTIVE .....	3
III. DATE AND VENUE .....	3
IV. PARTICIPANTS .....	4
V. PROCEEDINGS OF THE SESSIONS .....	4
VI. WAY FORWARD AND CONCLUSION .....	9

**Appendix 1:** Workshop Schedule, Photographs and Participants List of North 24 Parganas, East Medinipur and Bankura

## ***Report on the Training-Workshop***

### **I. INTRODUCTION**

The West Bengal Drinking Water Sector Improvement Project aims to provide safe, reliable and continuous drinking water as per Government of India's standard to about six million people in the Arsenic, Fluoride, and salinity affected selected areas of North 24 Parganas, East Medinipur and Bankura districts in accordance with the Vision 2020 of Government of West Bengal (GOWB) and Government of India Strategy for Drinking Water Supply. The Project will ensure drinking water security through 24/7 piped water supply schemes in the areas covered. The Project will have following key outputs: Output 1: Climate resilient drinking water infrastructure constructed; and Output 2: Institutions and capacity of stakeholders for drinking water service delivery strengthened.

For effective and smooth implementation of the project in compliance with social and environment safeguards one-day orientation workshop was organised for all the personnel attached with the project in three sub project locations – North 24 Parganas, East Midnipur and Bankura. For North 24 Parganas, the work shop was held at the PMU Office in Kolkata and the rest two in their respective PIU Offices.

It is important to familiarise the contractors and consultants involved in implementing the sub-projects under WBDWSIP to have exposures to the prevailing environmental rules & regulations and environmental and social ADB Safeguard Policies that are to be adopted during construction and operational activities. Training program/workshop on various environmental safeguard aspects that are to be adopted during various stages of the project implementation including designing, Pre-construction, Construction and Post Construction stages is very much needed for capacity development of Borrower and Consultants. The consultants should carry out extensive training programs for smooth implementation of safeguards issues.

### **II. OBJECTIVE**

One-day orientation workshops were organised by ADB Safeguard Specialists (Social and Environment) to familiarise the personnel attached with the West Bengal Drinking Water Sector Improvement Programme on the ADB's Social Safeguards and Environmental Policies and Procedures. The objective of the workshops was to introduce the participants to ADB safeguard policies and systems in general and ADB SPS 2009 in particular, such that the projects are implemented in compliance.

### **III. DATE AND VENUE**

Sl.No.	Date	Venue
1.	31st July, 2019	Kolkata PMU Office for North 24 Parganas
2.	02nd August, 2019	PIU Office, East Medinipur
3.	05th August, 2019	PIU Office, Bankura

#### IV. PARTICIPANTS

The workshop was attended by 96 participants from the Project Management Unit (PMU), contractor representatives from each three towns, representatives from the each PIU's , DSC , PMC consultants and NGO representatives from each towns. The list of participants attended the workshop is attached with the report.

Sl.No.	Venue	No. of Participants
1.	Kolkata PMU Office for North 24 Parganas	31
2.	PIU Office, East Medinipur	30
3.	PIU Office, Bankura	36

#### V. PROCEEDINGS OF THE SESSIONS

##### *5.1 Introductory Session at PMU Kolkata*

The inauguration of the three workshops was done by the Project Director, WBWDSIP, in Kolkata. In his welcome address, the Project Director, in Kolkata (training for North 24 Parganas) in presence of the respective Superintendent Engineers of East Midnipur and Bankura, PIU, WBWDSIP, stressed on the importance of adopting the environmental and social issues in the planning and implementation of project. He mentioned that WBWDSIP on its part has been proactive and sensitive to these aspects within the given constraints. He also thanked ADB for organising this workshop as it would immensely help the staff associated with the planning as well as those from the participating cities understand better the ADB's policies.

##### *5.2 Sessions on Social Safeguards*

The sessions on social safeguard policies were common for all the three locations. It was taken by Mr. Kali Sankar Ghosh ( Safeguard Specialist – Consultant ADB).

Session on social safeguards included the following:

**Overview of ADB policies** on the Resettlement Policies Statement (as per ADB SPS 2009) and Involuntary Resettlement Requirements and Applicability to WBDWSIP Subprojects

**Resettlement** may be - Voluntary , Involuntary Resettlement and Physical and Economic Displacement in types. It is due to the disruption and displacement of communities resulting from project-related land acquisition and restrictions on land use.

**Objectives of Resettlement Planning** is to avoid or at least minimize involuntary resettlement wherever feasible (potentially through design optimization or probable alternatives), provide compensation for loss, improve or restore livelihood of affected persons, information disclosure.

**Involuntary Resettlement Principles of ADB SPS 2009** – principles that would be followed by the project to reduce impacts of the project affected displaced persons, identify vulnerability,

preparation of resettlement plan and maintain transparency.

**Categorization for Involuntary Resettlement** as per ADB SPS 2009, applicable for the project and the subsequent safeguard documents prepared for the same.

**Importance of Resettlement Planning and Implementation** – resettlement is a highly complex endeavor, as it concerns both tangible and non-tangible impacts. Risks surrounding the resettlement component. The Social Safeguard Specialist also guided the participants through the processes which should be adopted and the documentation requirement of these processes.

**Key Tasks for Resettlement Implementation** – it is a gradual step by step implementation, that is carefully rolled out. Ideally resettlement implementation should be completed before the start of the construction work and should be monitored during the construction lifecycle. Roles and responsibilities of all the actors involved in the process including the responsibilities of the construction Contractors.

**Stakeholder Engagement** – objective of stakeholder engagement is to empower through information sharing, include in decision making, identification and managing of impacts, compensation payments and building trust. It is an ongoing process throughout the lifecycle of the project.

**Identification of the Project Affected People (PAP)** - Any person who, as a result of the project, loses the right to own, use, or otherwise benefits from assets, irrespective.

**Compensation requirement** and the key recommendation and the requirement and process of restoring livelihoods were also explained to the participants,

**Grievance Redressal Mechanism and Monitoring Requirement** (both Internal and External) was discussed in details.

The Social Safeguards Specialist also shared different experience from other projects (as cases) to explain the above principles.

### ***5.3 Sessions on Environmental Safeguards***

The sessions on social safeguard policies were common for all the three locations. It was taken by Mr. Prabhatish Bhattachariya ( Environment Specialist – Consultant ADB).

Session on social safeguards included the following:

**Objective of the Training** - The broad objective of the Environmental safeguards training are:

- Capacity development among the implementing agencies, which includes the PMU, PIU,PMC, DSISC and the Contractors .
- Highlighting the Environmental Rules and Regulations adopted by the Ministry of Environment, Forest and Climate Change (MoEF&CC) and the ADB SPS, 2009 in project screening and categorisation
- Familiarise with approach/ procedures that are to be adopted in updating the Draft Initial Environmental Examination (IEE)
- To explicate the potential environmental Impacts including activities causing pollution during construction and operation stages and its mitigation /management measures
- Understanding the approach/ procedures that are to be adopted in preparing and

implementing the Site Environmental Management Plan (SEMP) and Site Environment Health and Safety Plan(EHS plan)

- Understanding the roles & responsibilities of PMU, PIUs, Consultant and contractors in implementing environmental safeguard measures, including those requiring statutory clearances/NoCs/permits etc.
- Explaining the various environmental monitoring formats that are to be prepared and submitted by the contractors during sub project construction stages.
- Highlighting the provisions made in the contract agreement/ bid document for safeguarding the environment during the project construction period and to provide guidance during project implementation with respect to the environment by adopting good and sound engineering practices

## **Environmental Safeguards Topics discussed in training Program/ workshop**

### **1. General**

- Background information of WBDWSIP
- PAM (safeguards section)
- EARF

### **2. Introduction and Sensitization to Environmental Safeguards Requirements per ADB SPS**

- **ADB Safeguards Policy Statement 2009:** The policy principles related to Environmental Assessment, Biodiversity Protection, Pollution Prevention, Health and safety , Physical Cultural Resources were discussed in detail. Categorization of Project especially with relation to WBDWSIP
- Government of India (MOEF& CC and CPCB) and West Bengal Pollution Control Board applicable safeguard laws, regulations and policies including CLS.
- Incorporation of EMP into the project design and contracts
- Monitoring, reporting and corrective action planning

### **3. Occupational Health and Safety issues during construction**

Awareness about Environment, health and safety in project construction. Health & Safety Requirements for labours/workers

### **4. EMP Implementation and Environment Requirements and applicability to WBDWSIP Subprojects**

- EMP Implementation procedure / approach at various stages of the project construction.
- Brief introduction to the methodology adopted in preparing project specific/ site EMP's
- Updating of draft IEEs
- EMP mitigation and monitoring measures
- Roles and responsibilities of Safeguards Officers (PMU, PIU, contractors)
- Public Consultations and information disclosure
- Grievance Redressal

- Monitoring and corrective action planning
- Reporting and disclosure
- Chance find (archaeological) protocol
- AC pipe protocol
- Traffic management plan
- Waste management plan
- Site clean-up and restoration
- Preparation of SEMR (semi-annual environmental monitoring report)
- Environment safeguard requirement matrix as per Contract Agreement and EMP for Pre-Construction/Construction period were also discussed

#### **5.4 Discussion and Q&A Sessions**

Both these sessions were followed by a question answer session in which the participants clarified their doubts. The following questions were asked:

##### **5.4.1 Social Concerns**

1. In case of conflict between Indian Regulations and the ADB Policy Framework what would be followed? In reply: The participants were apprised of the process which is usually adopted in such cases and the rationale for doing so.
2. The difference between non-titleholder, encroacher and squatters ? The definitions of these categories as per the ADB IR guidelines was elucidated with examples. It was mentioned that squatters are non-titleholders, however encroachers are considered non-titleholders of the portion of the government land they have encroached in continuation to their privately owned land.
3. What are the major steps in community consultation? In reply the process of consultation was repeated with relevant example from different projects. The challenges usually encountered was also discussed.
4. What are the precaution which should be adopted in identifying project affected household specially to identify the eligible people and opportunistic people? In reply the Mr. Ghosh described the procedures which should be adopted and gave example of challenges which are encountered and how to overcome them.
5. What are the steps which are taken to ensure that people are aware about the project, its details and that so much of stakeholder driven planning takes place? The participant was assured that in the ADB project the entire process is stakeholder driven and people would be consulted before any decision making .
6. A post evaluation workshop questionnaire was provided to the participants . The responses were analysed. The analysis shows that the majority of the participants who said at the beginning of the workshop that they are not so aware of the social and environmental safeguard ADB policies and want more workshops in near future.

##### **5.4.2 Discussion on Environmental Concerns & Outcome of the training**

1. Categorization of projects especially with relation to WBDWSIP was explained with examples.



2. Discussed ADB SPSs objectives and principles and its requirement at different stages of the project implementations. Project documentation for environmental safeguards, their outline and key aspects which need to be covered with respect to ADB SPS 2009 was also elaborated,
3. Roles and responsibilities of different stakeholders. in WBDWSIP in accordance to PAM explained to participants.
4. Anticipated adverse environmental impacts at different phases and its suitable management/mitigation measures as indicated in the EMP has been discussed in detail with suitable examples and case studies from other ADB funded projects.
5. Key environmental factors/ parameters that would be impacted/ affected such as ambient air quality, water quality, noise level, land environment (due to solid waste dumping, spillage of oil and grease etc.), flora and fauna has been discussed with suitable examples and case studies.
6. The environmental management & areas of concern including the Construction Camps, Construction Plants, Quarries/ Crushers, Borrow Areas, Debris Disposal, Air, Noise and Water Pollution have also been discussed.
7. The Environment Health and Safety (EHS) requirements towards (i) Protection of workers/ labours and the public, (ii) during structures and excavation works, (iii) Working at height, (iv) Manual handling of construction materials, (v) Electrical safety, (vi) working in reservoirs and (vii) use of PPE's at construction site has been illustrated along with an audio-video presentation on EHS. Requirement of CLS program (HIV/AIDS/STDs awareness, no forced labor, no child labor, equal pay for equal work, no discrimination) discussed among the participant.
8. National Policy on Safety, Health & Environment at Workplace of Ministry of Labour & , GoI was also elaborated .
9. The presentation has given an overall understanding of the various environmental construction related impacts and management measures that are to be adopted and the necessity of the use of PPE's in the construction site.
10. The necessity for obtaining valid certificate / license/ permits has been explained with suitable illustrations.
11. The environmental monitoring procedures that are to be adopted by the contractor has been discussed in detail and it has been advised to engage NABL/WBPCB accredited laboratories with valid certificates for performing the environment monitoring for key environs like ambient air, noise level and water quality etc.
12. "Meaningful consultation" as per the ADB SPS 2009 and how the same should be carried out and documented in projects especially during IEE preparation were discussed with a set of questioners prepared on Environment aspects.
13. Necessary monitoring formats have been discussed with the participants (PMU, PIU and Consultants and Contractors) for submission of monthly, quarterly, and semi-annual monitoring reports with environmental compliances. It was assured by the PIUs and DSISC that the draft IEEs shall be updated based on the changes in the designs (if any).

## **VI. WAY FORWARD AND CONCLUSION**

The training provided an insight to the environmental and social safeguard/management measures covering the various topics suggested in the IEE, which in turn will give an overall idea for the project implementing agency (PMU&PIU) in addressing the various environmental impacts that are likely to arise during the project construction and operation phase.

With this training, it can be expected that the contractors under the guidance of DSISC and PMC can achieve better progress in implementing the project specific/ site EMP's and Site EHS plans. However, their success shall be assessed through proper monitoring. The way forward for implementing the EMP shall be

- Conducting the environmental monitoring plan through analysis of the various environs like air, noise, water and soil as stipulated in the project specific EMP's.
- Preparation and submission of the monthly, quarterly and Semi-annual progress reports with the duly filled in environmental monitoring formats that have been shared among the contractors.
- Conducting training programs in regular intervals by Environmental specialists of PMC and DSISC for client and the contractors in implementing and monitoring the proposed EMP's.

The Workshops ended with vote of thanks was given by Head, Safeguard and Gender, PMU, WBDWSIP for all the workshops.

## Appendix 1: Workshop Schedule, Photographs & Participants List of North 24 Parganas, East Medinipur & Bankura

Orientation on ADB Safeguards Implementation and Monitoring	
West Bengal Drinking Water Sector Investment Program	
North 24 Pgs District , Kolkata, India	
31 <sup>st</sup> July 2019	
Venue: PMU, New Town	
PROGRAM OF ACTIVITIES	
09:00 to 09:30	Registration
09:30 to 10:00	Opening Session <ul style="list-style-type: none"> <li>Welcome Message – Mr.Sudip Ghosh, Safeguards Gender Officer (Project Management Unit)</li> <li>Opening Remarks – PD, WBDWSIP, Project Management Unit</li> </ul>
10:00 to 11:00	Overview of ADB Safeguard Policy Statement (SPS). Involuntary Resettlement Requirements and Applicability to WBDWSIP Subprojects – Mr. Kali Ghosh, Social Safeguards Consultant, ADB
11:00 to 11:30	Coffee / Tea Break
11:30 to 12:30	Introduction to Environmental Safeguards Requirements per ADB SPS / Occupational Health and Safety issues during construction Mr. Prabhatish Bhattacharya., Environment Consultant, ADB
12:30 to 13:00	GESI Implementation WBDWSIP .Kali Ghosh, Social Safeguard Consultant.ADB
13:00 to 14:00	Lunch Break
14:00 to 15:00	Preparation of SSMR (semi-annual social monitoring report Mr. Kali Ghosh, Social Safeguards Consultant, ADB
15:00 to 16:00	EMP Implementation/ Environment Requirements and Applicability to WBDWSIP Subprojects  Mr. Prabhatish Bhattacharya., Environment Consultant, ADB
16:00 to 16:30	Question and Answer (Open Forum) and Way Forward
16:30 to 17:00	Closing Session

## **PHOTOGRAPHS OF SAFEGUARD IMPLEMENTATION & MONITORING TRAINING AT NORTH 24 PGS**



**ATTENDANCE SHEET OF SAFEGUARD IMPLEMENTATION & MONITORING TRAINING AT NORTH 24 PGS**



Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST – North 24 Parganas**

	Name	Position	Email Address	Mobile No.	Signature
1.	Ajoy Kumar Kundu	PD- PMU			
2.	Utkarshi Beera Nayak	SE, PMU	se.pmu.adb@wbphd.gov.in	9830796815	
3.	Debashis Banerjee	SE PMU/NAEP		9830319510	
4.	SUDIP GHOSH	EE-2/PMU & HSGO	ees.pmu.adb@wbphd.gov.in	7908878637	
5.	Nityananda Khan	SE (N/E)	seme.pmu.adb@wbphd.gov.in	9495646093	
6.	Sujoy Basak	JE (N/E)	je.pmu.adb@wbphd.gov.in	9831717671	
7.	Tanay Banerjee	EE/PMU	ee.pmu.adb@wbphd.gov.in	6290573790	
8.	Sakuntala Kishor	PMC - Officer	sa.kishor@arcom.co.in	9903423941	
9.	PRANAB KUMAR SAFUI	AE II/PIU NAEP & HOD UNIT PHE SA	ae2.pmu.adb@wbphd.gov.in	8017121173	
10.	SOURAV BOSE	AE I/PIU (NAEP) Asst. SGO	ae3.pmu.adb@wbphd.gov.in	9434468695	
11.	Roshni Rudra	PMC, Site Engg. Arcom	roshni.rudra@arcom.co.in	8617739918	
12.	RIYA SENGUPTA	JE, PIU, NAEP	je.pmu.adb@wbphd.gov.in	7872932392	





Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST – North 24 Parganas**

	Name	Position	Email Address	Mobile No.	Signature
1.	SWARNABHA BANDYOPADHYAY	EnvSp. - DSIE	swarnabha@gmail.com	8017668861	
2.	ANIRUDDHA DEY	Social Gender Reorientation Spl. DSIE	deyaniruddha@gmail.com	9746107612	
3.	DILIP KUMAR ROY	Support staff Social Safeguards DSIE	ndilip2013@gmail.com	9933996977	
4.	Eshika Dutta	Community mobilizer	eshika.dutta@horizonit.com	9749210618	
5.	Banashree Mukherjee	Team Leader Horizon	banashree.mukherjee@horizonit.com	7980429071	
6.	Susanta Pal	Community Mobilizer Horizon	susanta.pal@horizonit.com	8961241539	
7.	Ranajit Banerjee	TL/PM	ranajit.banerjee@sunambat.com	9831874177	
8.	Ashim Chatterjee	TL/DSIE/N2AP	elddojen24p@gmail.com	9831013551	
9.	S.K. Mandal	EE/PIU		9831444353	
10.	Saunak Sen	EE/TL/PMU	ee.pmu.adb@wbssid.gov.in	9830758253	
11.	Rohan Kumar	Env. Support Staff	Rohanpou2019@gmail.com	7364804746	
12.	Amrita Chatterjee	Project Accountant	amrita.0806@yahoo.com	7044381320	



Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST – North 24 Parganas**

	Name	Position	Email Address	Mobile No.	Signature
1.	Dr. M. N. Roy	Team leader	manab640@gmail.com	9433077555	
2.	Dr. Debasis Mukherjee	Communication and Capacity Bldg	debasis@sigrrr.foundation	9903264476	
3.	Sr. Parina Mahto	Support Engineer	srparina.mahto@adcom.com	9903352808	Sr. Parina Mahto
4.	Amitava Sengupta	Project Manager, and	amitava.sengupta@adcom.com	9836173290	
5.	Sumanda Paul	AutoCAD Drafter	Sumanda.Paul@adcom.com	9831051905	
6.	Prabhatish Bhattacharya	Env. Consultant ADB	Prabhatish@gmail.com	9831342232	
7.	KALI S. GHOSH	Social SAPS Consultant CIVILS SP3242	Kantipurghosh@gmail.com	9871317118	
8.		LS-5			
9.					
10.					
11.					
12.					

### Orientation on ADB Safeguards Implementation and Monitoring

#### West Bengal Drinking Water Sector Investment Program

East Midnapure District , India

2<sup>nd</sup> August 2019

Venue: PIU, East Midnapure

#### PROGRAM OF ACTIVITIES


09:00 to 09:30	Registration
09:30 to 10:00	Opening Session <ul style="list-style-type: none"> <li>Welcome Message – Assistant Engineer, Safeguards Gender Officer(Project Implementation Unit).</li> <li>Opening Remarks – <i>Superintend Engineer, WBDWSIP</i></li> </ul>
10:00 to 11:00	Overview of ADB Safeguard Policy Statement (SPS), Involuntary Resettlement Requirements and Applicability to WBDWSIP Subprojects – <i>Mr. Kali Ghosh, Social Safeguards Consultant, ADB</i>
11:00 to 11:30	Coffee / Tea Break
11:30 to 12:30	Introduction to Environmental Safeguards Requirements per ADB SPS / Occupational Health and Safety issues during construction <i>Mr. Prabhatish Bhattacharya., Environment Consultant, ADB</i>
12:30 to 13:00	GESI Implementation WBDWSIP. <i>Mr.Kali Ghosh, Social Safeguard Consultant,ADB</i>
13:00 to 14:00	Lunch Break
14:00 to 15:00	Preparation of SSMR (semi-annual social monitoring report <i>Mr. Kali Ghosh, Social Safeguards Consultant, ADB</i>
15:00 to 16:00	EMP Implementation/ Environment Requirements and Applicability to WBDWSIP Subprojects  <i>Mr. Prabhatish Bhattacharya., Environment Consultant, ADB</i>
16:00 to 16:30	Question and Answer (Open Forum) and Way Forward
16:30 to 17:00	Closing Session

## **PHOTOGRAPHS OF SAFEGUARD IMPLEMENTATION & MONITORING TRAINING AT EAST MIDNAPORE**








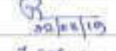
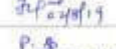






**ATTENDANCE SHEET OF SAFEGUARD IMPLEMENTATION & MONITORING TRAINING AT EAST MIDNAPORE**



Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST – East Midnapore**

	Name	Position	Email Address	Mobile No.	Signature
1.	Prasanna Chakrabarti	Env. Consultant ADB	Prasanna.chakrabarti@gmail.com	9831342233	
2.	Tanay Banerjee	EE/PMU	tanay.banerjee@wbsci.gov.in	6290573770	
3.	Indip Ghosh	EE-3/PMU & HSGO	ees.pmu.adb@wbsci.gov.in	7908875433	
4.	Subhasis Ray	SE/PJGPM	se.pjgpm.adb@wbsci.gov.in	6290245085	
5.	Sanjib Kumar Mondal	EE-3(MS)/PMU/PM	sanjeeb.pjgpm.adb@wbsci.gov.in	9477149025	
6.	Sagar Bandyopadhyay	EE(C)/PMU/PM		9836043602	
7.	Tapas Ranjan Bara	AE/PMU/PM		9735270455	
8.	Dr. Meenakshi Nair	AE-3/PMU/PM		6291880569	
9.	Prasenjit Das	JE-I/PMU/PM	prasensso@gmail.com	9775578569	
10.	Prabir Kumar Maiti	Construction Expert	prabir67maiti@gmail.com	9433112697	
11.	Arun Shome	Supervision Engineer	arunshome20@gmail.com	8017025978	
12.	SOURAV PRAMANIK	Staffed Fogg - Construction	souravpramanik@gmail.com	8250490905	






Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project







**PARTICIPANTS LIST – East Midnapure**

	Name	Position	Email Address	Mobile No.	Signature
1.	MD AZHAB JAMIL	SUPPORT ENGINEER - DSISC	mdazhab05@gmail.com	8001717485	MD Azhab Jamil
2.	ARUP KARAN	Support Engineer Construction - DSISC	arupkaran09@gmail.com	8250031091	Arup Karan
3.	Anupam Chakrabarti	Support - Engineer - Design - DSISC	anup1000@gmail.com	7697751550	Anupam
4.	Pragya Chakrabarti	Support Engineer Design - DSISC	pragya.chakrabarti@gmail.com	8136050368	Pragya
5.	Sr. Parmita Mondal	Support Engineer - PMO	sr.parmita.mondal@gmail.com	8888552808/ 8270978593	Sr. Parmita Mondal
6.	Pratulla Kumar Achary	DTL - DSISC/PM	pratikachary@gmail.com	7086059222	
7.	Anupam Chakrabarti	DM DSISC/PM	anupam09@gmail.com	8334992892	Anupam
8.	Partha Sarathi Munkenia	Env. Spcl. DSISC	parthasarathi05@gmail.com	7003881499	Partha Sarathi
9.	Amitava Sengupta	Project Manager, PMO	amitava.sengupta@gmail.com	9836273290	Amitava Sengupta
10.	Dr. Anshu Kumar Mitra	Environment S&P PMO	anshumitra@gmail.com	9830415957	Anshu Kumar
11.	Jayanta Chakrabarti	Project, Resource Management Specialist	jayanta2@gmail.com	8761805667	Jayanta
12.	KALI S. GHOSH	Special SAPS Quality SPC-1 ASIS	kali.ghosh@gmail.com	9831317118	Kali S. Ghosh



Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST – East Midnapore**

	Name	Position	Email Address	Mobile No.	Signature
1.	Sunanda Samanta	O.A.	o/a. SE/PM/EM. E&E side	9152259664	
2.	Subrata Das	C.O.	"	9826630654	
3.	Tarak Nath Basak	S.G.	"	9691223659	
4.	Subhasis Jha	C.O.	"	0614709479	
5.	BIKASH JANA	Computer operator	"	930160216	
6.	Namita Das	Proc.	"	965757477	
7.					
8.					
9.					
10.					
11.					
12.					

## Orientation on ADB Safeguards Implementation and Monitoring

## West Bengal Drinking Water Sector Investment Program

Bankura District , , India

5<sup>th</sup> August 2019

Venue: PIU, Bankura


## PROGRAM OF ACTIVITIES

09:00 to 09:30	Registration
09:30 to 10:00	Opening Session <ul style="list-style-type: none"> <li>• Welcome Message – Assistant Engineer , Safeguards Gender Officer (Project Implementation Unit).</li> <li>• Opening Remarks – <i>Superintend Engineer, WBDWSIP</i></li> </ul>
10:00 to 11:00	Overview of ADB Safeguard Policy Statement (SPS). Involuntary Resettlement Requirements and Applicability to WBDWSIP Subprojects – <i>Mr. Kali Ghosh, Social Safeguards Consultant, ADB</i>
11:00 to 11:30	Coffee / Tea Break
11:30 to 12:30	Introduction to Environmental Safeguards Requirements per ADB SPS / Occupational Health and Safety issues during construction <i>Mr. Prabhatish Bhattacharya., Environment Consultant, ADB</i>
12:30 to 13:00	GESI Implementation WBDWSIP – <i>Mr.Kali Ghosh ,Social Safeguard Consultant. ADB</i>
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16:00 to 16:30	Question and Answer (Open Forum) and Way Forward
16:30 to 17:00	Closing Session

## **PHOTOGRAPHS OF SAFEGUARD IMPLEMENTATION & MONITORING TRAINING AT BANKURA**











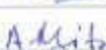



**ATTENDANCE SHEET OF SAFEGUARD IMPLEMENTATION & MONITORING TRAINING AT BANKURA**



PIO/BSA  
PHE DG.

Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST – Bankura**

	Name	Position	Email Address	Mobile No.	Signature
1.	Sujoy Barui	SE/PIU, Bankura	Se. Pibankura.sill@wsped.pmc.in	9434505096	
2.	Ashutosh Pattanai	TE cum WS Engineer	bn.dws@wsped.pmc.in	9173032664	
3.	SUDIP GHOSH	EE-I/PMO & HSGO	eei.pmo.adb@wsped.pmc.in	7908875652	
4.	Deep Malhotra	AE-I/PIU Bankura	ae.pibankura.adb@wsped.pmc.in	9038574645	
5.	SUNAN PRAMANIK	AE, PIU, Bankura	ae.pibankura.adb@wsped.pmc.in	900269727	
6.	Dolon Dutta	TE, PIU, Bankura	dolon.dutta.2434@gmail.com	9434438802	
7.	Susmita Kumar	TE, PIU, Bankura	susmita.2107@gmail.com	9720227440	
8.	Soumitra Mukherjee	TE/PIU/Bankura	soumitra.2032@gmail.com	9474558501	
9.	Abhinav Goudami	Support Engineer, PMC, WBDWSIP	abhinav.goudami@adcom.com	7980889712	
10.	Dr. Ardhendu Mitra	Environment SPl. PMC	ardhendumitra@gmail.com	9830461555	
11.	Dr. JAYA CHAUDHURY	Specialist, SPl. PMO, WBDWSIP	jayachaudhury@gmail.com	9231698813	
12.	Jayanta Chakrabarty	Specialist, SPl. PMO, WBDWSIP	jayantac2@gmail.com	876805867	





Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

PARTICIPANTS LIST - Bankura

	Name	Position	Email Address	Mobile No.	Signature
1	Susanta Kundu	J.E., PIU, Bankura	su.santa2107@gmail.com	9434227440	[Signature]
2	DEEP SHANKAR Roy	Asst. I.R. Officer - L&T (Bankura)	deepg.lutace.com	9831030067	[Signature]
3	Anwar Hussain	Manager (L&T) L&T, (Bankura)	anwar.hussain@lntecce.com	7992397149	[Signature]
4	Imiaz Khan	I.R. Assistant	imiazkhan60@gmail.com	7009652905	[Signature]
5	Krishnendu Roy	EMSO: PIU	krishnenduroy@lntecce.com	7076657944	[Signature]
6	Prasanta Panda	HSE Sr. Officer	Prasanta.panda30@gmail.com	7684097086	[Signature]
7	SAUTAM Roy	EE - PIU, Bankura	ce.plutautamroya@lntecce.com	9434014202	[Signature]
8	ASLAM ALI	Field Officer SIGMA Foundation	dr.aslamali@gmail.com	9883072525	[Signature]
9	Rohit Rakshit	Project Officer SIGMA Foundation	rohit.rakshit19@gmail.com	8017540068	[Signature]
10	Deleapriya Ghosh	J.E./PIU/Bankura	deleapriya.ghosh78@gmail.com	9733837212	[Signature]
11	Udayan Kumar	Subproject Supervisor RIS/SC, PIU	Ukumar59@gmail.com	9932299520	[Signature]
12	CHANDAN KUMAR HAJEE	J.E.S., RIS/SC Bankura	majee.dys4@gmail.com	8918411625	[Signature]



Orientation on ADB Safeguards Implementation and Monitoring  
West Bengal Drinking water Sector Improvement Project

**PARTICIPANTS LIST - Bankura**

	Name	Position	Email Address	Mobile No.	Signature
1.	MELANJAN SAHA	D.E (ACQU/ELEC) WBDWSIP (BEU)		94331-17681	2/10/19
2.	SUBIR PAL	Asst. S.E, PIV, Bankura WBDWSIP	dr. p. k. mukherjee@adp.gov.in	9433 208129	2/10/19
3.	Uttam Chatterjee	Social Safeguard Specialist, WBDWSIP	Uttam.Chatterjee@pwril.com	8700658633	Chatterjee 02.10.19
4.	HARIHAR SARKAR	JE - PIV Bankura	harisharsarkar@adp.gov.in	9564827673	25.02.19
5.	MD SAIFUL ISLAM MUNSI	JE - (E/M)		8653115032	2/10/19
6.	Ayam Banerjee	Manager	—	9073 107247	2/10/19
7.	Paban Singh	Technocrat	—	9111932415	- P Singh 2/10/19
8.	Shyamal Das	L&T	—	9851101298	2/10/19
9.	Samrat Adikury	L&T	—	7977760132	2/10/19
10.	SURENDRANATH DAS	PHEDTE	—	9064939391	2/10/19
11.	Panchajanya Chatterjee	Env. Consultant ADB		9831392237	2/10/19
12.	KALI S. Ghatak	Social Safeguard Specialist, WBDWSIP	—	9831317118	6

## **Workshop: “West Bengal Drinking Water Sector Improvement Project” funded by ADB**

### **Orientation on Environment Safeguard Requirements and Application of Environment Management Plan (EMP)**

#### **AND**

#### **Environment, Health & Safety (EHS) Management**

Workshop on above mentioned subject has been organized at **PIU, PHED office Bankura** on **3<sup>rd</sup> June 2019**.

Workshop has been organized by **Project Management Consultant (PMC)** of the project.

Workshop attended by SE of PIU Bankura, Assistant Engineer & Junior Engineer of PIU; Deputy Team Leader of PMC, Environment Specialist and Occupational Health and Public safety Manager of PMC; Team Leader and Environment Specialist of DSISC, Project Manager, Site Engineer and Safety person of all contractors.

There are two presentations, one on “Orientation on Environment Safeguard Requirements and Application of Environment Management Plan (EMP)” and other on “Environment, Health & Safety (EHS) Management: HSE Information for Work Front”.

Followed by Interactive – Question and Answer session and finally Work out Session on Understanding of Environment Safeguard AND Health & Safety.

Attendance sheet attached as **Annex 1**

Presentation material attached as **Annex 2**

Under Presentation 1, summary of Issues discussed and question answer topics mentioned below

- ADB’s Safeguard Policy Statement 2009 and its principal
- Environmental Safeguards Policy Principles and Requirements
- Project categorization
- Relevant Major Rules & Regulations associated in the project for their compliance
- CTE & CTO for WTP at Bankura – application to be submitted with final design of WTP. Process should be initiated by DSISC/PIU
- Environmental Management Plan (EMP) and its importance explained
  - Generic EMP available with IEE
  - Site Specific EMP needs to be submitted by contractor with specific information on camp site establishment, traffic management, disposal of waste, tree felling requirement
  - Environment Safeguard Requirement / Documentation to be done before start of physical work.
  - L & T (Contractor) confirmed requirement of appointment of four different Environment and Safety personals for 4 separate packages
- L & T and Technofab Engineering confirmed that they will finalize all safeguard documents and submit the same shortly.
- Activity during pre- construction phase
- Environment Safeguard Requirement/ Documentation before start of physical work
- Project Implementation Phase – Site Environment Compliance requirement
- Project Implementation Phase – site Environment Compliance like,
  - Availability of safeguard officer of contractor and Environment Expert of DSISC
  - Overall application of EMP and compliance of safety requirement
  - Submission of safeguard documents
  - Labour license

- Workman Compensation and all risk Policy
- Air, Noise, Water quality monitoring at project sites as base line and during construction
- PUC certificate for vehicle and equipment engaged in the project
- Safety officer should have experience in environment, health & safety
- Placement of Standard Display Board at project site
- Public consultation report
- Emergency Phone no. display
- Occupational safety and public safety
- Electrical safety
- Waste management
- Traffic movement plan
- Workers' medical check up periodically
- Royalty receipt of procured materials
- Water sprinkling at the working site
- No child labour engagement
- Equal pay for man and woman
- Housekeeping at project site, camp
- Back alarm and light for equipment
- Material safety data sheet- placement at fuel storage area
- HIV/AIDS awareness programme
- Environment Safeguard– schedule and time frame of activity including submission of reports clarified by Environment Specialist of PMC.
- ❖ Monthly report and daily- weekly report on EMP application and regulatory compliance by construction contractor and submission to PIU and DSISC. After finalization at PIU level send to PMC for review and record.

*Monthly Report part- Monthly report filled format, Weekly report filled format, public consultation format, tool box talk / induction training copy, grievance register copy, accident/ first aid register copy, PUC certificate and other supporting documents within 5<sup>th</sup> date of the month*

- ❖ Quarterly report – Preparation of data/ document by DSISC and send to PMC/ PMU. PMC will finalize quarterly report after receiving all data/report from 3 DSISC/ PIU. Report will send to ADB from PMU for their review and approval.

*Four nos. of reports in a year – Due on 31<sup>st</sup> December, 31<sup>st</sup> March, 30<sup>th</sup> June and 30<sup>th</sup> September*

- ❖ Bi annual Environment Monitoring report - Preparation by DSISC and send to PMC/ PMU. PMC will finalize bi annual environment monitoring report after receiving all reports from 3 DSISC/ PIU. Report will send to ADB from PMU for their review and approval.

*Two nos. of reports in a year – Due on 30<sup>th</sup> April (submission on next month, May) and 31<sup>st</sup> October (submission on next month, November)*

- Followed by presentation of few photos showing good and bad practice for EMP application

Under presentation 2, Environment, Health & Safety Management issues has been discussed.

Goal of application of Environment, health and safety management “No work is so important that it needs be done without due consideration for safety”.

Issues pointed out,

- Requirement of workplace safety

- Explanation on safety signage – shape and colour
- Consideration of safety related to,
  - Housekeeping
  - Electric safety
  - First aiding for Electric Shock
- Protection – Use of PPEs for different works
- Basic requirement – Fire fighting Equipment and First Aid Box/ Station
- Minimum requirement of first aid materials within First Aid box
- Environment-Health-safety management plan and implementation explained to participant

Finally Work out session has been arranged for participant through answering of set question relevant to workshop topic. Positive feedback has been received from all participants on the workshop subject.

**Workshop photo**







## Annex 1: Attendance Sheet

## West Bengal Drinking Water Sector Improvement Project











## WORKSHOP

Orientation on Environment Safeguard Requirements and Application of Environment Management Plan (EMP) AND Environment, Health & Safety (EHS) Management

Venue: PIU office, Bankura, WBDWSIP, PHED, Kolkata

Date: 03.06.2019

Sr. No.	Name	Organization / Designation	Contact No./ E mail	Signature
1	Sujay Barua	SE/PIU, Bankura WBDWSIP, PHED	9434303056 Sr. Pukhraj - 0332-261113	
2	Pradyumn	AE/PIU - Bankura WBDWSIP, PHED	9038517645 Sr. Pukhraj - 0332-261113	
3	Pradyumn	AE/PIU - Bankura WBDWSIP, PHED	9038517645 Sr. Pukhraj - 0332-261113	
4	Sanjay Kumar	Environmental Specialist WBDWSIP, PHED	9434303056 Sr. Pukhraj - 0332-261113	
5	Abhulash Pattnaik	TL, DSI SC, Bankura (SIT)	9434303056 Sr. Pukhraj - 0332-261113	
6	Shubham	WBDWSIP, PHED	9434303056 Sr. Pukhraj - 0332-261113	

Sr. No.	Name	Organization / Designation	Contact No./ E mail	Signature
7	Pranay Mukherjee	PMC / Safety Manager	9739817538 luckys8380@gmail.com	
8	Debabrata Ghosh	PIU / J.E.	9733383727 debabrataghost@gmail.com	
9	Souparnika Ghosh	JE/PIU/ B&H	9779553501 souparnika2001@gmail.com	
10	S. Parvathi	LEI Consultant Construction Manager (New)	9649901882 parvathi_s@leic.com	
11	Shyamal Kumar Dash	LEI Construction Asst. Construction Manager	7407197300 shymal_dash@leic.com	
12	Krishnendu Ray	LEI Construction DE/LEIS	7476037244 krishnendu2001@leic.com	
13	Pawan Singh (S.Engg)	Technofab Engineering S.E.	7967365633 pawansingh_rishi11@gmail.com	
14	Elisabetta Balle (Engg)	Technofab Engineering Ltd.	9761098286 elisabetta@leic.com	
15	Pramod Parua	Technofab Engineering S.E. (S.Engg)	768054085 pramodparua19@gmail.com	
16	Ajay Banerjee (Manager (S&E))	TE - SNE JV	9073107247 ajaybanerjee@te-sne-jv.com	

Sl. No.	Name	Organization / Designation	Contact No./ E mail	Signature
17	Dr. Anshuman Mishra	Environment & Forest Dept. PAC	9830415957 anshuman.mishra@gmail.com	A. Mishra
18				
19				
20				
21				
22				
23				
24				
25				
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## **ENVIRONMENTAL SAFEGUARD – REVIEW MEETING AND ENVIRONMENT, HEALTH & SAFETY TRAINING PROGRAM FOR CONTRACTORS – North 24 pgs**

Safeguard review meeting cum training program has been conducted on safeguard compliance issues and application of Environmental Management Plan (EMP) at North 24 pgs PIU / PMU PHED office, New Town, Kolkata on 7<sup>th</sup> and 14<sup>th</sup> August 2019 morning.

Meeting has been organized jointly by Environment Specialist of PMC and DSISC. Assistant Engineer cum Environment Safeguard Officer of PIU North 24 pgs, Junior Engineers of PIU, Construction Manager of DSISC North 24 pgs, Social and Environment Specialist and support staff of DSISC and PMC, Safety Engineer and Officer of Contractors participate in the review meeting.

The issues discussed as,

- Overall application of EMP and compliance of safety requirement
- Submission of safeguard documents
- Labour and Office Camp site management- requirement of proper sanitation and solid waste management and drinking water facility
- Disposal / utilization of overburden earth, spoil materials after work
- Maintenance of public access at construction site
- Work display/ caution board
- Storage of construction materials and specifically petroleum storage
- Occupational and public safety during construction
- Availability of first aid box
- Community safety – complete use of caution tape and barricade
- Traffic management and spoil management during laying of pipes (as per requirement)
- Requirement of Pollution Under Control (PUC)/ No Objection Certificate (NOC) from concerned department and renewal of the same before expiry
- Labour license and Workman Compensation Policy
- Requirement of monitoring data on air, noise and water
- Arrangement of Medical checkup camp for workers

**Non-compliance issues are discussed with contractors. Safety officer of contractor agreed to submit all documents timely.**

**Major non complied/ partial complied issues are,**

- Requirement of permission / NOC from labour department in case of migratory labour (labour engaged from outside of the state)- *Contractor confirmed that most of the workers are from the state, but they will further review if any from outside and necessary action will be taken.*
- Submission of Currently valid PUC Certificate for all vehicles and equipment engaged in the project – *Status need to be checked by the contractor*
- Availability of “Equipment Operation License” for equipment operator – *Safety officer of the contractor have to check and confirm the status*
- Grievance/complaint register at work sites/camp office as per standard format- *Not available at work site. Which need to be kept at site office. Separate arrangement is needed to keep all registers at work site within a box.*
- Maintaining of proper access at work site, camp and site office- *At few OHT sites access need to be improved*
- Pipe laying site – there should be contact number as mentioned above and as per GRM. - *Which is missing. Instruction has been given to contractor for inclusion of the same*
- At labour camp there should be – toilet facility- gender specific, septic tank with toilet, drinking water facility, solid waste collection system and proper room & bed for labourer- *Two pit toilet need to be constructed at all reservoir locations*



- Use of safety caution board at site – which should contain emergency contact no. and work schedule – *Contact number is missing. Instruction has been given to contractor for inclusion of the same*
- Maintaining accident register/ first aid register at camp/ site office- *Not available at work site. Which need to be kept at site office. Separate arrangement is needed to keep all registers at work site within a box.*
- Availability of attendance register at site *Not available at work site. Which need to be kept at site office. Separate arrangement is needed to keep all registers at work site within a box.*
- First aid boxes with required first aid materials with valid dates at all work sites/camp site offices. No Tablets etc. within first aid box. List of first aid materials needs to be placed within the First aid box. – *List not available within first aid box. Immediate action is required.*
- Fire-fighting facilities (Fire Extinguisher, sand bucket) at vulnerable work sites/ labour camp/ site office/ combustible material storage site. Regular checking of expiry date of fire-fighting equipment. Refilling immediately as per requirement. Display of filling, checking and expiry date near installation area- *Instruction has been given for compliance*
- In case of fuel storage, metal tray below fuel drum need to be placed. - *Instruction has been given for compliance*
- Non storage of petroleum product within office room and access – *Instruction has been given for compliance*
- Fire exit area should be cleaned and sufficient arrangement of lighting. - *Instruction has been given for compliance and as per requirement*
- Proper storage of construction materials - wastage of materials to be checked. Slope should be avoided for storage. – *At few location materials stored within slope.*
- Rubber mat (ISI marked) at high voltage electrical switch board area. – *Instruction has been given for compliance*
- All electrical wire should be above the ground and proper plug should use in the electrical board. *Instruction has been given for compliance. At few working locations not followed*
- No objection certificate from pollution control board for use of DG set (5 KVA and above capacity). For green DG NOC is not required. – *Noted assembled DG at few locations. NOC needs to be obtained*
- Medical examination report of workmen every six month. *Instruction has been given for compliance*
- Display of MSDS at storage location *Instruction has been given for compliance*
- Awareness program on HIV/AIDS. *Needs to be arranged jointly with social team*

**Annex 1** shows Requirement of Submission of Environment Safeguard Document as per contract agreement and EMP. For package 01 submission of documents need to be followed as per schedule.

**Annex 2** depicts requirement of Environment, Health and Safety compliance. Report submission schedule also mentioned.

**Annex 3** indicates some recent non-compliance at sites and as observed by PMC

**Annex 4** shows attendance sheet of review meeting

All report and monitoring format attached separately.



**Safeguard Review Meeting- North 24 pgs PIU**

## ANNEX 1

**Requirement of Submission of Environment Safeguard Document as per contract agreement and EMP**

Sr. No.	Information/ Document	Remarks	Submission time
1	Official Nomination/ engagement of Environment Health and Safety person from Contractor's end for each package	Should be engage before start of construction activity. Person should be qualified and trained in Environment, health and safety	Submission after approval
2	Project specific Environment, Health & Safety (EHS) Plan	Physical work can be started after approval. As per contract agreement <b>"within 28 days after the date of commencement as stated in the Notice to Proceed"</b> contractor have to submit the document for approval	Submission after approval. Needs to be revise as per requirement and change in type of work
3	Site specific Environment Management Plan (SEMP)	As per contract – <b>"No access to the site will be allowed until the SEMP is approved by the Engineer"</b> SEMP will be submitted by contractor to the Engineer for approval <b>at least 10 days before taking possession on any work site.</b>	Submission after approval. Needs to be updated biannually
4	Valid labour license covering sufficient numbers	As per contract - Submission should be before start of physical work	Timely renewal will be required
5	Valid Workman compensation insurance policy covering sufficient numbers and All risk policy	As per contract- Submission should be before start of physical work	Timely renewal will be required
6	Air, noise and water quality monitoring as base line data covering all project areas (Ref. Environment Monitoring Plan of Initial Environmental Examination {IEE}– contract document part)  Monitoring to continue throughout the construction period	As per IEE and EMP monitoring should be done before start of construction work as base line data	Submission on quarterly basis as per EMP for all the packages
7	During construction - Air, noise and water quality monitoring report, throughout construction period	As per IEE and EMP monitoring to be continued on quarterly basis	Submission on quarterly basis as per EMP
8	Spoil management plan		Submission after approval.

Sr. No.	Information/ Document	Remarks	Submission time
	(as per present estimation of spoil to be generated)		NOC copy for disposal site SMP needs to be updated biannually
9	Traffic management plan with map and photo (in case of traffic diversion)		Submission after approval. TMP needs to be updated biannually
10	Pollution Under Control (PUC) Certificate for vehicle & equipment engaged in the project		Atleast quarterly basis. Timely renewal will be required
11	Detail of development of worker camp & site office-package wise	Sites need to be approved by PIU/ DSISC	Atleast quarterly basis
12	Display board with work detail and contact number for complaint suggestion /as per GRM)	Before start of construction	Confirmation with photographic evidence
13	Emergency contact number display board	Before start of construction	Confirmation with photographic evidence
14	Consent for DG set (5 kVA and above) if deployed	For green DG consent not required	Consent from pollution control board after installation of DG set at work site
15	Daily-weekly environment monitoring format- EMP checklist, package wise and location wise	All format should be signed by contractor's safety person, DSISC's Environment Spl and PIU (Format developed by PMC and already send to PIU/ DSISC)	Monthly submission within 4 <sup>th</sup> date of the month
16	Monthly environment monitoring format (EMP checklist) including HSE checklist - package wise and location wise	All format should be signed by contractor's safety person, DSISC's Environment Spl and PIU (Format developed by PMC and already send to PIU/ DSISC)	Monthly submission within 4 <sup>th</sup> date of the month
17	Accident /First aid register copy		Monthly basis along with monthly report
18	Grievance redressal register copy		Monthly basis along with monthly report
19	Public consultation filled format		Monthly basis along with monthly report
20	Worker's Induction and tool box training document from contractor		Monthly basis along with monthly report
21	Opening of observation register, attendance register, grievance register and first aid/ accident register		Once for each package with photographic evidence

## ANNEX 2

**REQUIREMENT- ENVIRONMENT, HEALTH AND SAFETY COMPLIANCE**

- Immediate arrangement of labour license and Workman compensation policy. Labour license and WC Policy should cover sufficient numbers of workers. Timely renewal will be required in case of expiry
- Availability of valid All Risk Policy for specific project
- Permission / NOC from labour department in case of migratory labour (labour engaged from outside of the state)
- Submission of Currently valid PUC Certificate for all vehicles and equipment engaged in the project. Preparation of list of vehicle and equipment engaged in the project and PUC validity date
- Availability of “Equipment Operation License” for equipment operator. Most of the cases it is noted License for “Light non transport vehicle”, which is not acceptable
- Grievance/complaint register at work sites/camp office as per standard format.
- Maintaining of proper access at work site, camp and site office
- At labour camp site office display board showing all emergency contact no., contact no. of Contractor Office, PIU, DSISC and display of Safety Officers’ name and telephone number at work sites
- Pipe laying site – there should be contact number as mentioned above and as per GRM
- At labour camp there should be – toilet facility- gender specific, septic tank with toilet, drinking water facility, solid waste collection system and proper room & bed for labourer
- Use of safety caution board at site – which should contain emergency contact no. and work schedule
- Maintaining accident register/ first aid register at camp/ site office
- Availability of attendance register at site
- First aid boxes with required first aid materials with valid dates at all work sites/camp site offices. No Tablets etc. within first aid box. List of first aid materials needs to be placed within the First aid box
- Fire fighting facilities (Fire Extinguisher, sand bucket) at vulnerable work sites/ labour camp/ site office/ combustible material storage site. Regular checking of expiry date of fire fighting equipment. Refilling immediately as per requirement. Display of filling, checking and expiry date near installation area
- In case of fuel storage, metal tray below fuel drum need to be placed
- Non storage of petroleum product within office room and access – source prevention for any fire hazard
- Fire exit area should be cleaned and sufficient arrangement of lighting
- Proper storage of construction materials - wastage of materials to be checked. Slope should be avoided for storage
- Rubber mat (ISI marked) at high voltage electrical switch board area
- All electrical wire should be above the ground and proper plug should use in the



electrical board

- Arrangement of sufficient light at night work location if any
- Availability of Royalty receipt copy from material supply – particularly aggregates and sand
- No objection certificate from pollution control board for use of DG set (5 KVA and above capacity). For green DG NOC is not required
- Regular water sprinkling (at least 2-3 times in a day during dry period) at construction site for arresting of dust – record should be maintained at site
- Covering of materials carrying vehicles in case of transportation of wind-blown material like sand
- Storage of construction material within the room (for cement) and under cover for others
- Implementation of traffic stop/diversion measures (Traffic management plan) during transportation of materials and during pipe laying work
- Proper drainage of waste water/ rain water from working sites
- Maintain chance find protocol for archeological objects
- Non-use of child labour below 18 yrs. age
- Carry out air, noise, water quality monitoring as per Environment Management Plan
- Public consultation at nearby locations

#### **Health & Safety**

- Implement good housekeeping practices at the construction camp, storage area and work site.
- Strictly implement health and safety measures and audit on a regular basis.
- Provide warning signs of hazardous working areas.
- Clearly demarcate excavations and provide barriers (not just danger tape) to protect the working area – specifically at deep excavated area
- Complete use of caution tape at working area
- Thoroughly train workers assigned to dangerous equipment.
- Undertake waste management practices.
- Control speed and movement of construction vehicles
- Use of equipment, vehicle with back alarm and placement of flag man
- Ensure all workers are provided with and use Personal Protective Equipment-helmet, gumboot, safety shoes, goggles, hand gloves, safety belt, nose mask, ear plugs, body harness
- Ensure the visibility of workers through their use of high visibility vests
- Document showing tie up of construction agency with local doctor/nursing home/hospital
- Medical examination report of workmen every six month
- Display of Safety Officers' name and telephone number at work sites
- Provide clean eating areas where workers are not exposed to hazardous or noxious substances;
- Storage/ disposal of hazardous waste as per Hazardous waste rules
- Storage and disposal of hazardous chemical containers as per National rule.
- Display of MSDS at storage location

- Provide warning signs of hazardous working areas.
- Awareness program on HIV/AIDS

**Report submission schedule and components as decided in review meeting are as below,**

**1. Monthly Report submission-**

- Monthly Monitoring report submission positively by 4<sup>th</sup> date of the month
- Consolidated report top sheet should be submitted
- Monthly Environment checklist should be – package wise. One checklist for pipe line work and other for water reservoir. Checklist should be filled after visiting all work sites atleast 2 different dates. Level of EMP application is average. In case of more than 90% average compliance – excellent, 70 to 90% average compliance – satisfactory, 50 to 70% average compliance – partial satisfactory, 20 – 50% average compliance – below satisfactory and below 20% it will be poor.

In remarks column of monthly checklist format – individual location status needs to be reflected along with specific action plan.

- Weekly format – filled up for each work site for reservoir and Zone wise for pipe laying. Weekly report checklist should be available with safety officer of contractor and status will be verified by Environment Expert/ Support of DSISC during site visit.
- Consolidated HSE format needs to be filled up for package wise – for pipe line and reservoir separately.
- Other monthly submission – Public consultation format, grievance register copy and accident register copy for a particular month.
- Sample copy of tool box and induction training – topics, attendance and photo
- PUC certificate (in case of new vehicle, equipment) and renewal copy if any

**2. Compliance report – As per requirement. Compliance against site observation of PIU, DSISC, PMU and PMC along with photographic evidence**

## ANNEX 3

**Work site specific issue – North 24 pgs****Haroa**

1. Amta- OHSR (02.07)
  - No Register – at site
  - No caution board and tape near old reservoir and nearby pond
  - In First aid box – no display of first aid materials. Instruction given for the list
  - Incomplete use of PPEs. No use of hand gloves particularly during bar bending work
2. Gopalpur -OHSR (02.07)
  - No Register – at site
  - No caution boards
  - Insufficient / contaminated first aid materials
  - Incomplete PPEs
  - Construction materials are stored in open ground
  - Very old room (PHED old quarter within campus) for labourers
3. Shalipur – distribution pipe line zone 17 (19.07)
  - Incomplete PPEs
  - No proper fencing
  - Entry of villagers particularly children at worksite – health risk
4. Jhikia – distribution pipe line zone 15 (19.07)
  - Non availability of register
  - Fencing not properly used
  - Partial use of PPEs
  - Entry of villagers particularly children at worksite – health risk
5. Chauhata – distribution pipe line Zone 13 (19.07)
  - Fencing not properly used
  - Partial use of PPEs
  - Entry of villagers particularly children at worksite – health risk
6. Kulti GP – Teghoria distribution pipe line Zone 05 (09.08)
  - Partial use of PPEs
  - First aid box not available
  - Entry of villagers particularly children at worksite – health risk
  - JCB operator with Light Vehicle non-public Transport license – not acceptable
  - Water seepage within excavated trench from nearby pond

**Bhangar**

7. Swastayangachhi – Zone 4- OHR and pipe laying (03.07)
  - First aid box not available at pipe line laying site
8. Bankachhua – Zone 12- OHR site (03.07)
  - Registers are not available at site
9. Shanpukuria -Zone 10- OHR site (03.07)
  - Lack of housekeeping
  - Open storage of reinforcement bar
10. Swastayangachhi – Zone 4- Distribution pipe line at Anantapur (23.07)
  - Excavated earth stored very near to trench

- Caution tape – not observed.
  - Local people accessed at work site
  - No PPEs used by workers
  - No registers
  - No First aid box
  - No signage at work site
11. Baniyara – Zone 13 – OHR site and Distribution pipe line at Meherpur – Chiletala (02.08)
- Housekeeping and construction material storage very poor at OHR location
  - Excavated earth stored very near to trench
  - Caution tape – not observed.
  - Local people accessed at work site
  - No PPEs used by workers
  - No registers
  - No First aid box

## ANNEX 4

## Attendance

## ATTENDANCE SHEET




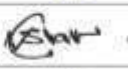





Programme – Review Meeting  
 Venue – PHED Office, Utility Building, New Town  
 Date – 07.08.2019  
 Time- 11.00 A.M.

Sl. No	Name	Designation	Contact No.	Signature
01	Sujoy Basak	JE, PHED	9831717671	Basak, 07/08/19
02	RIYA SEN GUPTA	JE, PHE Dte.	7872932332	R. Sen Gupta
03	Dr. Ardhendu Kishor	Environmental SP-1 PMC	9830415953	A. Kishor
04	SWARNABHA BANDYOPADHYAY	Env. SP-1 DSISC	8017668861	Swarna
05	Dr. Aniruddha Deo	Sociol, Gender & Participatory Specialist DSISC	974807612	(Signature)
06				
07	Rohini Kumar	Support Staff- Environmental	7364804746	R. Kumar
08	Dilip Roy	Support Staff Social Safeguard	9933336977	D. Roy
09	SHUBHANKAR CHATTERJEE	Safety Engg. (EFL-RA JV)	6292128071	S. Chatterjee
10				
11	ROSHNI RUDEA	Support Engineer PMC, AECOM	8617739918	R. Rudea
12				
13				
14				
15				
16				
17				
18				
19				
20				



## ATTENDANCE SHEET

Programme – Review Meeting  
 Venue – PHED Office, New Town  
 Date – 14.08.2019  
 Time- 11:30 am

Sl. No	Name	Designation	Contact No.	Signature
01	SOURAV BOSE	AE, PIU, N&AP x ASO, N&AP	9484468635	
02	RIYA SENGUPTA	JE, PIU, N&AP PHED, etc.	7872932332	
03	GOUTAM MITRA	Cont. Manager D&C	8420257314	
04	SHUBHANKAR CHATTOPADHYAY	SAFETY Engg.	6292128071	
05	S.K. Bose	M/o (Safety)	7385003858	
06	REKHA DUBAY	Support Social DS/SC	9903925201	
07	Roham Kumar	Support Staff Env. Safeguards	7364804746	
08	Roshni Rudra	Support Engg. (PMU - AECOM)	8617739918	
09	Ardendu Mitra	Environment SP - PMU	9830415953	
10				
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## ENVIRONMENTAL SAFEGUARD – REVIEW MEETING WITH DSISC BANKURA

Safeguard review meeting cum training program has been conducted on safeguard compliance issues for Bankura project at PMU PHED office, New Town, Kolkata on 26<sup>th</sup> September 2019.

Meeting has been organized jointly by Environment Specialist of PMC and PMU. Executive Engineer -I & HSGO, PMU, Environment Specialist and Support staff of DSISC Bankura, Dy Team Leader and Environment Specialist of PMC present in the review meeting.

The issues discussed as,

- Availability of environment, health & safety person of contractors
- Submission of EHS plan, SEMP, Spoil and Traffic Management Plan before start of construction work
- Submission of WC and All risk policy
- Submission of PUC certificate for vehicle and equipment
- Carry out environment monitoring at project sites
- Arrangement of worker's camp and site office
- Arrangement of first aid register, GR register, attendance register and site observation register.
- Submission of monthly and weekly monitoring reports
- Arrangement of work display and emergency contact no. display board

### Status of Environment Safeguard documentation and action plan – Bankura Project 26.09.2019

Sr. No.	Information/ Document	Remarks	Status	Action from DSISC
1	Official Nomination/ engagement of Environment Health and Safety person from Contractor's end for each package	Should be engage before start of construction activity. Person should be qualified and trained in Environment, health and safety	<ul style="list-style-type: none"> <li>• Submission after Replacement of EHS person for package 01- after reviewed by DSISC, CV has been sent to PIU/ PMU for approval.</li> <li>• For package 02A, 02B, 03, 04 - CV submitted by the Contractor but CV rejected by DSISC because CV is not matching as per project requirement. Alternate CV not submitted officially by contractors</li> </ul>	<p><b>Immediate approval of all CVs of safety officers including follow up of submission of rest of the CVs from contractors</b></p> <p><b>Separate safety officers for all the packages.</b></p> <p><b>Physical work should be started in presence of safety officer for particular contract.</b></p> <p><b>All details of safety person needs to be forwarded to PMU-PMC</b></p>
2	Project specific Environment, Health & Safety (EHS) Plan	Physical work can be started after approval. As per contract agreement <b>"within 28 days after the date of commencement as stated in the Notice to Proceed"</b> contractor have to submit the document for	<ul style="list-style-type: none"> <li>• For package 01-EHS plan submitted by contractor and finalized by DSISC.</li> <li>• Package-02A- EHS plan submitted by contractor on 17<sup>th</sup> June, 2019 and</li> </ul>	<p><b>Sending of final copy of EHS plan of package 01 by DSISC within 30<sup>th</sup> September 2019 to PMU- PMC</b></p> <p><b>EHS plan for 4 packages to be</b></p>

Sr. No.	Information/ Document	Remarks	Status	Action from DSISC
		approval	<p>Commented by DSISC on 18<sup>th</sup> July, 2019.</p> <ul style="list-style-type: none"> <li>Package-02B- EHS plan submitted by contractor on 17<sup>th</sup> June, 2019 and Commented by DSISC on 18<sup>th</sup> July, 2019.</li> <li>Package-03- submitted revised EHS plan on 24<sup>th</sup> July, 2019 by contractor but due to absence of EHS person approval is pending with DSISC.</li> <li>Package-04- submitted revised EHS plan on 22<sup>th</sup> August, 2019 by contractor but due to absence of EHS person approval is pending with DSISC.</li> </ul>	<p><b>finalize and submit to PMU- PMC by 15<sup>th</sup> October</b></p> <p><b><u>Start of physical construction not allowed before approval of EHS plan</u></b></p>
3	Site Environment Management (SEMP) specific Plan	<p>As per contract – <b>“No access to the site will be allowed until the SEMP is approved by the Engineer”</b></p> <p>SEMP will be submitted by contractor to the Engineer for approval <b>at least 10 days before taking possession on any work site.</b></p>	<ul style="list-style-type: none"> <li>For package 01-SEMP submitted by contractor and finalized by DSISC</li> <li>Package-02A- not submitted by contractor till date. Letter communicated to contractor for submission</li> <li>Package-02B- not submitted by contractor till date. Letter communicated to contractor for submission</li> <li>Package-03- not submitted by contractor till date. Letter communicated to contractor for submission</li> <li>Package-04- not submitted by contractor till date. Letter communicated to contractor for submission</li> </ul>	<p><b>Sending of final copy of SEMP of package 01 by DSISC within 30<sup>th</sup> September 2019 to PMU- PMC</b></p> <p><b>SEMP for 4 packages to be finalize and submit to PMU- PMC by 15<sup>th</sup> October</b></p> <p><b><u>Start of physical construction not allowed before approval of SEMP</u></b></p>
4	Valid labour license covering sufficient	As per contract - Submission should be	<ul style="list-style-type: none"> <li>For package 01- Labour licence</li> </ul>	<b>Labour license soft copy received from</b>

Sr. No.	Information/ Document	Remarks	Status	Action from DSISC
	numbers	before start of physical work	<p>submitted by contractor, it shall remain in force till <b>08<sup>th</sup> June, 2020</b> and number of workmen <b>50 (fifty)</b>.</p> <ul style="list-style-type: none"> <li>Package-02A-Labour licence submitted by contractor, it shall remain in force till <b>19<sup>th</sup> August, 2020</b> and number of workmen <b>100 (hundred)</b>.</li> <li>Package-02B-Labour licence submitted by contractor, it shall remain in force till <b>19<sup>th</sup> August, 2020</b> and number of workmen <b>100 (hundred)</b>.</li> <li>Package-03-Labour licence submitted by contractor, it shall remain in force till <b>11<sup>th</sup> August, 2020</b> and number of workmen <b>100 (hundred)</b>.</li> <li>Package-04-Labour licence submitted by contractor, it shall remain in force till <b>11<sup>th</sup> August, 2020</b> and number of workmen <b>100 (hundred)</b>.</li> </ul>	<b>DSISC</b>
5	Valid Workman compensation insurance policy covering sufficient numbers and All risk policy	As per contract-Submission should be before start of physical work .	<ul style="list-style-type: none"> <li>For package 01- Workman Compensation Insurance Policy (period of insurance- <b>30.04.19 to 29.04.20</b>) submitted</li> <li>Package-02A- Erection all risk policy (period of insurance - <b>12.08.19 to 26.05.2022</b>) submitted.</li> <li>Package-02B- Erection all risk policy (period of insurance - <b>12.08.19 to 26.05.2022</b>) submitted.</li> <li>Package-03- Erection</li> </ul>	<p><b>WC policy copy received for 01 package and All Risk policy copy received for packages 02A, 02B, 03 and 04</b></p> <p><b>Immediate follow up with contractors for All risk policy – package 01 and WC policy for packages 02A, 02B, 03 and 04</b></p> <p><b>Submission all to PMU-PMC</b></p>

Sr. No.	Information/ Document	Remarks	Status	Action from DSISC
			all risk policy (period of insurance -12.08.19 to 26.05.2022) submitted. • Package-04- Erection all risk policy (period of insurance -12.08.19 to 26.05.2022) submitted.	
6	Air, noise and water quality monitoring as base line data covering all project areas (Ref. Environment Monitoring Plan of Initial Environmental Examination {IEE}–contract document part) Monitoring to continue throughout the construction period	As per IEE and EMP monitoring should be done before start of construction work as base line data	<ul style="list-style-type: none"> <li>Package 01- Air and noise monitoring reports submitted but not done water quality monitoring for baseline data</li> <li>Air, water and noise monitoring were done only for one location per package (for package 02A, 02B, 3 and 4). As per IEE baseline data is collected incompletely</li> </ul>	<p><b>Immediate arrangement of water quality monitoring for package 01</b></p> <p><b>Base line monitoring – for more sites for package 02A, 02B, 3 and 4</b></p> <p><b><u>All monitoring by October 20<sup>th</sup></u></b></p> <p><b><u>Submission of monitoring schedule as prepared by DSISC to PMU- PMC for review – within 1<sup>st</sup> October 2019</u></b></p> <p><b>Submission of all monitoring report to PMU-PMC within 31<sup>st</sup> October 2019</b></p>
7	During construction - Air, noise and water quality monitoring report, throughout construction period	As per IEE and EMP monitoring to be continued on quarterly basis	Submission on quarterly basis as per EMP	<b>All monitoring needs to be complete by 31<sup>st</sup> October 2019</b>
8	Spoil management plan (as per present estimation of spoil to be generated)	SMP needs to be submit by contractors before start of physical activity	<ul style="list-style-type: none"> <li>For package 01-SMP submitted by contractor and commended verbally by DSISC. Approval pending.</li> <li>SMP not submitted by the contractors for package 02A, 02B, 03 and 04.</li> </ul>	<p><b>Immediate finalization of spoil management plan for package 01 and send document to PMU-PMC by 1<sup>st</sup> October 2019</b></p> <p><b>SMP for packages 02A, 02B, 03 and 04 within 15<sup>th</sup> October 2019. Send document to PMU-PMC.</b></p> <p>NOC copy for disposal site needs to be arrange by contractor with help from DSISC-PIU</p> <p>SMP needs to be updated biannually</p>
9	Traffic management plan with map and	TMP needs to be submit by contractors before start	• TMP submitted by contractor for package	<b>Immediate finalization of TMP</b>



Sr. No.	Information/ Document	Remarks	Status	Action from DSISC
	photo (in case of traffic diversion)	of physical activity and as per work location	01. Approval pending. • Not submitted for package 02A, 02B, 3 and 4.	<b>and submission of TMP to PMU-PMC within 15<sup>th</sup> October 2019</b>  <b>Submission Initially and continue submission biannually</b>
10	Pollution Under Control (PUC) Certificate for vehicle & equipment engaged in the project	Required for all vehicle and equipment engaged for the project	Till date not submitted by contractors	<b>Immediate submission is required. Timely renewal will be required Atleast quarterly basis submission to PMU-PMC.</b>
11	Detail of development of worker camp & site office- package wise	Before start of construction Sites need to be approved by PIU/ DSISC. Layout plan with all arrangement should be approved by PIU-DSISC	Pending from contractor side	<b>Immediate establishment of worker's camp and site office</b>  <b>Information for PMU-PMC from DSISC</b>
12	Display board with work detail and contact number for complaint suggestion /as per GRM)	Required at all working locations before start of construction activity	Partially completed. Instruct contractor to do the work as early as possible	Immediate arrangement of display board with contact no. of contractor, PIU and DSISC at working locations <b>Photographic evidence with location name needs to be send to PMU-PMC</b> All photographic documents need to be kept by Environment Expert of DSISC
13	Emergency contact number display board	Before start of construction	Not done. Instruct contractor to do the work as early as possible.	Immediate arrangement of Emergency contact no. display board at all working locations <b>Photographic evidence with location name needs to be send to PMU-PMC</b> All photographic documents need to be kept by Environment Expert of DSISC
14	Consent for DG set (5 kVA and above) if deployed	For green DG consent not required For Assemble DG consent from pollution control board	Not required at present	<b>Consent from pollution control board before installation of DG set</b>

Sr. No.	Information/ Document	Remarks	Status	Action from DSISC
		is required		<b>at work site</b>
15	Daily-weekly environment monitoring format- EMP checklist, package wise and location wise	All format should be signed by contractor's safety person, DSISC's Environment Spl and PIU (Format developed by PMC and already send to PIU/ DSISC)	<ul style="list-style-type: none"> <li>Package 01- submitted by contractor and commended verbally by DSISC.</li> <li>Package-02A, 02B, 03 and 04- not submitted.</li> </ul>	<b>Official submission of all reports. Monthly submission within 6<sup>th</sup> date of the month.</b> <u><b>Soft copy needs to be sent to PMU-PMC</b></u>
16	Monthly environment monitoring format (EMP checklist) including HSE checklist - package wise and location wise	All format should be signed by contractor's safety person, DSISC's Environment Spl and PIU (Format developed by PMC and already send to PIU/ DSISC).	<ul style="list-style-type: none"> <li>Package 01- submitted by contractor and commended verbally by DSISC.</li> <li>Package-02A, 02B, 03 and 04- not submitted.</li> </ul>	<b>Official submission of all reports. Monthly submission within 6<sup>th</sup> date of the month.</b> <u><b>Soft copy needs to be sent to PMU-PMC</b></u>
17	Accident /First aid register copy	To be maintained, filled up and submission on monthly basis	Arranged by package 01, 02A and 02B contractors For rest of the packages – not arranged	Immediate arrangement for all. Submission: Monthly basis along with monthly report <u><b>Soft copy needs to be sent to PMU-PMC</b></u>
18	Grievance redressal register copy	To be maintained, filled up and submission on monthly basis	Package 01 maintained register copy but remaining packages not prepared yet.	Immediate arrangement for all. Submission: Monthly basis along with monthly report <u><b>Soft copy needs to be sent to PMU-PMC</b></u>
19	Public consultation filled format	At work site on regular basis. Atleast 7-8 consultation by contractors for specific package	Not started by contractors- pipe laying work not started FGD already started by DSISC. Completed 5 such consultation	<b>Submission is required (in soft copy) to PMU -PMC</b> <b>Instruction given by PMC for some rectification</b>
20	Worker's Induction and tool box training document from contractor	Needs to be done on continuous basis	Work not started. Contractor yet to start	<b>Sample copy needs to be sent to PMU-PMC</b> All documents need to be kept by Environment Expert of DSISC
21	Opening of observation register, attendance register, grievance register and first aid/ accident register	To be maintained, filled up	Package 01 maintaining register copy but remaining packages not prepared yet.	<b>Sample copy needs to be sent to PMU-PMC</b> All documents need to be kept by Environment Expert of DSISC

In addition, following activity needs to be completed within 31<sup>st</sup> October,

- Tie up with medical institute – package wise
- Health check up for workers
- HIV- AIDS awareness program for workers

- Availability of first aid box, fire extinguisher (at labour camp and flammable material storage areas)
- Arrangement of sufficient PPEs for workers

**Submission of updated IEEs for all the 5 package**

Discussion has been done with Environment Expert of DSISC for immediate updation of IEEs. Environment Expert inform that 01 package updated IEE will be submit within 3<sup>rd</sup> October 2019. Rest IEEs will be submit around 12<sup>th</sup> October 2019.

All sensitive issue and status – say availability of forest land within project area or any other sensitive objects need to be included in updated IEE reports

Necessary guideline for updation of IEEs already send by PMC.

**Monthly Submission of following documents to PMU-PMC needs to be ensured by DSISC, as per ADB's direction**

- Environment health safety person – from contractor's end available or not?
- Monthly Environment checklist as filled up jointly by DSISC and safety officer of contractor
- Daily – weekly environment monitoring checklist filled by safety officer of contractor
- Monthly HSE checklist as filled up jointly by DSISC and safety officer of contractor
- Sample Induction – Tool box training as conducted by contractor
- Monthly Grievance record
- Monthly Accident – First aid record
- Monthly training note as conducted by DSISC
- Sample Public consultation report as conducted by contractor
- PUC certificate for engaged vehicle and equipment for particular package

### ENVIRONMENTAL SAFEGUARD – REVIEW MEETING AND ENVIRONMENT, HEALTH & SAFETY TRAINING PROGRAM FOR CONTRACTORS – North 24 pgs

Safeguard review meeting cum training program has been conducted on safeguard compliance issues and application of Environmental Management Plan (EMP) at North 24 pgs PIU / PMU PHED office, New Town, Kolkata on 27<sup>th</sup> September 2019.

Meeting has been organized jointly by Environment Specialist of PMC and PMU. Executive Engineer cum Head Safeguard Gender Officer of PMU, Assistant Engineer cum Safeguard Gender Officer of PIU North 24 pgs, Assistant and Junior Engineers of PIU, Deputy Team Leader of DSISC North 24 pgs, Environment Specialist and support staff of DSISC and PMC, Deputy Team Leader of PMC, Safety Manager / Engineer and Officer of Contractors participate in the review meeting.

The issues discussed as,

- Overall application of EMP and compliance of safety requirement
- Submission of safeguard documents
- Labour and Office Camp site management- requirement of proper sanitation and solid waste management and drinking water facility
- Disposal / utilization of waste
- Access at site
- Work display/ caution board
- Storage of construction materials
- Occupational and public safety during construction
- Availability of first aid box
- Community safety – complete use of caution tape and barricade
- Traffic management and spoil management during laying of pipes (as per requirement)
- Requirement of Pollution Under Control (PUC)/ No Objection Certificate (NOC) from concerned department and renewal of the same before expiry
- Requirement of monitoring data on air, noise and water

Non-compliance issues are discussed with contractors. Safety officer of contractor agreed to submit all documents timely.

Major non complied/ partial complied issues are,

SL NO	ISSUE DESCRIPTION	ACTION TO BE TAKEN BY	REMARKS
	<b>North 24 Pargana (Package 02A &amp; 02B)</b>		
1	Alternative land for	PIU – N 24 Pgs.	The land which was previously selected in EKW

SL NO	ISSUE DESCRIPTION	ACTION TO BE TAKEN BY	REMARKS
	reservoirs		area, to be changed. In EKW area no construction will be considered. Alternative land to be searched. But in this case suppression of actual fact will be not entertained.
2	First aid, grievance, attendance and site observation Registers	Contractor – N 24 Pgs	All Registers need to be kept at site properly. DSISC & PMC separately visit the sites of Haroa and Bhangar II, and they have given the same feedback of non-availability of Registers at sites.
3	Site Office	Contractor – N 24 Pgs	A temporary office like camp office is to be set up at each and every OHR site. All registers need to be available at site office within storage tank. All to be arranged by contractor within 15 <sup>th</sup> October 2019
4	Caution Tape	Contractor – N 24 Pgs	Caution tape is definitely to be used in each and every excavated trench and working areas. Site observation indicates partial use of caution tape. Contractor will arrange complete placement of caution tape at working area
5	Safety signage and caution tape, availability of supervisor during pipe laying work at sensitive area	Contractor – N 24 Pgs	Complete arrangement of caution tape and safety signage and availability of supervisor at working site is essential At Parchandpur pipe laying area near school all are missing.
6	Height Work Permission	Contractor – N 24 Pgs	In case of OHR construction, in every meter Permission of Height Work is needed, otherwise DSISC will not allow the construction work.
7	Haroa ; Zone 18- Gopalpur	Contractor – N 24 Pgs	At zone-18 (Gopalpur), Haroa (02A), labour resided at school premises and using school toilet. But there is no written permission from school authority. Written permission from school authority is needed, otherwise it may create any offensive case later. Shifting of worker's camp from school is best option
8	PPE	Contractor – N 24 Pgs	Labours are not using proper PPE. They need to use proper PPE for their own safety. Regular awareness of workers on occupational safety is necessary
9	Contact Details	Contractor – N 24 Pgs	Sign Board with proper Contact Details need to be displayed at construction site. In some of the sites there is no proper sign board which does not contain emergency contact no. Immediate arrangement of proper display board at working sites
10	Water Logging Problem	Contractor – N 24 Pgs	Proper drainage system to be made to avoid water logging at construction area. Access need to be improved at Baniara work site
11	Material Storage	Contractor – N 24 Pgs	Material is to be stored in a systemic way. It is observed that specially in Baniara Site (Zone XIII, 02B) material are kept in a scattered way on the



SL NO	ISSUE DESCRIPTION	ACTION TO BE TAKEN BY	REMARKS
			slope. This need to be rectified.
12	First Aid Box	Contractor – N 24 Pgs	First Aid Box needs to be maintained with requisite first aid materials with proper register. In any construction area like pipe line or OHR location, the box is to be placed with proper and sufficient first aid materials and list of materials
13	Bio-Toilet	Contractor – N 24 Pgs	Procurement of Bio-Toilet is being suggested at construction site. Safety Manager of contractor confirmed that he will discuss this matter with Project Manager
14	Electrical Safety	Contractor – N 24 Pgs	Attention is required for unsafe use of electrical board. Naked wire noted at Jhinkia worker's camp. All unsafe electric connection needs to be replaced
15	Haroa ; Zone 1- Amta	Contractor – N 24 Pgs	A big pond is located beside OHR location of Zone – 1, Amta. Proper barricading is to be done. Also caution tape and hazardous signage needs to be placed around the old OHR nearby the proposed OHR.
16	Labour camp, Jhinkia Zone 15 Haroa	Contractor – N 24 Pgs	Proper bed and toilet facility needed at labour camp
17	Diesel Generator	Contractor – N 24 Pgs	NOC from PCB is needed in case of uses of assembled DG more than 5 KVA
18	Disposal Land	Contractor – N 24 Pgs	A suitable disposal land is to be searched for dumping the excavated extra earth, rubbish, broken concrete made from pile head breaking etc. No rubbish can be dumped within construction area. NOC needs to be received from Gram Panchyat authority
19	Toilet facility	Contractor – N 24 Pgs	Objection raised on construction of single pit latrine instead of double pit system. All toilet should be double pit
20	Approval of layout of camp and site office	Contractor – N 24 Pgs	Location and layout (showing location of room, toilet, kitchen, drain, water facility) needs to be approved from PIU and DSISC
21	Fire Extinguisher	Contractor – N 24 Pgs	Fire Extinguisher need to be placed at site office cum labour camp. At fuel storage area placement of fire extinguisher is very much essential.
<b>North 24 Pargana (Package 01)</b>			
22	Qualification of Health Safety Officer	Contractor – N 24 Pgs	Health Safety Officer to be appointed considering proper qualification with experience in respective field.
23	EMP Report	Contractor – N 24 Pgs	Construction work cannot be started without submitting the EMP report. Updation of Site specific EMP is required. Contractor agreed to submit SEMP by 3 <sup>rd</sup> October 2019
24	Diesel Generator	Contractor – N 24 Pgs	NOC from PCB is needed in case of uses of assembled DG more than 5 KVA

SL NO	ISSUE DESCRIPTION	ACTION TO BE TAKEN BY	REMARKS
25	Environmental Report	Contractor – N 24 Pgs	Environmental Document is to be submitted with design document and report. Otherwise design will not be approved.
26	Fire Extinguisher	Contractor – N 24 Pgs	Fire Extinguisher need to be placed at site office.
27	Batching Plant	Contractor – N 24 Pgs	CTE needs to be obtained for construction of batching Plant.
28	PUC certificate	Contractor – N 24 Pgs	Submission of PUC for all vehicle and equipment is required

#### Updation of IEEs – 3 packages

- DSISC's Environment Expert will update 3 IEEs after considering design and location change
- For package 02A and 02B separate IEEs need to be prepared
- Original disclosed IEE will be used for change in track change.
- Guideline already provided to DSISC for updation of IEEs.
- Updated IEEs need to be submit by 11<sup>th</sup> October for finalization of the same by 15<sup>th</sup> October 2019.

**Annex 1** shows attendance sheet of review meeting











**Safeguard Review Meeting- North 24 pgs PIU**

## Attendance




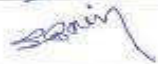



West Bengal Drinking Water Sector Improvement Project  
Review Meeting & Training Environment Safeguard application

Venue: PMU office, WBDWSIP, PHED, Kolkata

Date: 27.09.19

Sr. No.	Name	Organization / Designation	Contact No./ E mail	Signature
1	Sudip Ghosh	Executive Engineer-I & HSGO, PMU	7908875637 / ees.pmu.adb@wbphed.gov.in	
2	Dilip Kumar Ray	Support Staff, DSISE Social Safeguard	9933996972 / rdilip2013@gmail.com	
3	Rakha Dubay	Support Staff, DSISE Social Safeguard	9903325701 / rd.dsise@gmail.com	
4	ROHAN KUMAR	Support Staff, DSISE Environmental Safeguard	7364804746 / rohangb2011@gmail.com	
5	SWARNASHA BANDYOPADHYAY	Environmental Specialist/DSISE	8017668861 / swarnashab@gmail.com	
6	Ardhendu Mitro	Environ SPI / PMU	9830415953 / ardhendumitro@gmail.com	
7		DTL/PMU	9768762754	
8	RIYA SENGUPTA	JE/PIONZAP	7872932332 / je7.pionzap.adb@wbphed.gov.in	

27.09.2019

Sr. No.	Name	Organization / Designation	Contact No./ E mail	Signature
9	Soumitra Sen	DHSC / DTL	9971756985	
10	Dr. Poorna Mahto	PHC - support Eng.	9903352808	S. Mahto
11	Pranab K. Saha	AE/PIU, N2AP20 PHED	8017124473	Off. 27/09/2019
12	SOURAV BASE	ASO & AE/PIU N2AP, PHED	9434468635	 27/09/19
13	Nitin Kumar	Safety Officer NCC	8971107720	
14	Sarvendra Singh	NCC - JE (Safety)	9775459487	
15	S. K. Bose	Safety Mgr. (NCC)	7365003066	
16	SHUBHANKAR CHATTOPADHYAY	Safety Engineer (FFIL-RIL JV)	6292128071	
17	Ram Kumar Saha	NCC Unit	8170011450	
18				



**APPENDIX 19: FOCUS GROUP DISCUSSION – ENVIRONMENT & SOCIAL**

Sl.	Place	Zone	Block		Date	Remarks
1	Salipur GP	13, 14, 16 & 17	Haroa		10-Jul-19	Discussions mainly on benefits of project, how the project will work, Labours' safety, Grievance Redress Mechanism, How and whom to register complain/suggestions/comments/questions, Roles & responsibilities of VWSC, Gender & livelihood aspect. Participants are informed that each person will get 70 litter potable water through metered house connection pipe line on 24/7 basis 16 participants were presents in that meeting in which 5 participants were female.
2	Bokjuri GP	12, 15 & 17	Haroa		15-Jul-19	Altogether 17 participants were presents in the Public Consultation meeting, in which 1 participant were female. PMC, PIU and DSISC representative are present there. Discussion on Benefits of project, how the project woks, why the project taken by Govt. Other issues related to the project also discussed, like labours' safety, Grievance Redress Mechanism, How to register complain, Roles & responsibilities of VWSC, Gender & livelihood aspect, income generation. Detail discussion on GRM and how to register Complaints/ Questions/ Comments/ Suggestions were elaborated to the GP members and participants. Organogram of GRM provided to GP.
3	Amta (Uttarpara), Gopalpur - II GP	1	Haroa		18-Jul-19	It was a monitoring visit instantly fixed being requested by the GP members of Gopalpur-II Gram Panchayat. Up Pradhan of Gopalpur-II GP and he requested the Social, Gender & Resettlement Specialist, DSISC for information dissemination about the project. Discussed mainly on What, Why, How and more on Operation & Maintenance issues, Innovations & Livelihood issues, Grievance Redress Mechanism, Gender and Social Inclusion, etc. It will also provide support to strengthen sanitation issues. The project will be finally handed over to the Gram Panchayats for maintenance and distribution of water. 14 participants were presents in that meeting in which 3 participants were female.
4	Gopalpur GP	II 1	Haroa		22-Jul-19	Altogether 25 participants were presents in the Public Consultation meeting, in which 10 participants were female. GP Members & DSISC representatives are present. Discussed on what is the project, how it benefited the peoples, who will operate & maintained the project, what is the role & responsibility of GP and VWSC (Village Water & Sanitation Committee). The main goal of the project is to supply safe drinking water to every person, Arsenic free water to reduce health problem & use the surface water to save the ground level water.







Sl.	Place	Zone	Block		Date	Remarks
5	Haroa GP	3, 19 & 21	Haroa		26-Jul-19	Total 43 participants were presents in the Public Consultation meeting, in which 8 participants were female. Discussions mainly on benefits of project, how the project will work, Labours' safety, environment, Grievance Redress Mechanism, How and whom to register complain/suggestions/comments/questions, Roles & responsibilities of VWSC, Gender & livelihood aspect. All participants are informed about the roles & responsibilities of all stakeholders' right from PHED and its consultants to the VWSCs. ADB wants to give special emphasis to women's empowerment & their livelihood issues. Women members of the VWSC in the Gram Panchayat can take leadership training and other training to perform their envisaged role.
6	Kulti GP	4, 5, 6 & 7	Haroa		29-Jul-19	Altogether 24 participants were presents in the Public Consultation meeting, in which 8 participants were female. GP member, NGO & DSISC representative are present there. Discussion on Benefits of project, how the project woks, why the project taken by Govt. Government will hand over the assets and operations & maintenance will be the responsibilities of the GPs. ADB wants to develop the women's livelihood in this project. So new innovative thinking will be introduced. DISCS specialist asked the participants to look after the safety of the worker. If they are not following the rules, then public can complain in Grievance Register. And also ask for cooperation to the project because the project will not be completed without support of villagers/GP members..
7	Mondalhat village, Bokjuri GP	12	Haroa		18-Oct-19	Altogether 13 participants were presents in the Public Consultation meeting, in which 2 participants were female. Villagers& DSISC representative are present there. Discussion on Benefits of project, how the project woks, why the project taken by Govt. The project is to supply safe Arsenic free drinking water to reduce health problem and use surface water to save ground level water. ADB wants to develop the women's livelihood in this project. People can write their grievances/ suggestions/ opinions and ask questions to know specific things about the project and Grievance Registers should be available with the supervisor working at the site. And also ask for cooperation to the project because the project will not be completed without support of villagers.

Sl.	Place	Zone	Block	Date	Remarks
8	Sonapukur Shankarpur GP	9 & 10	Harao	26-Oct-19	Altogether 44 participants were presents in the Public Consultation meeting, in which 28 participants were female. Villagers, ASHA workers, GP member, Pradhan, Upo-Pradhan, PMC& DSISC representative are present there. Discussions mainly on benefits of project, how the project will work, Labours' safety, Grievance Redress Mechanism, How and whom to register complain/suggestions/comments/questions, Roles & responsibilities of VWSC, Gender & livelihood aspect. Participants are informed that each person will get 70 litter potable water through metered house connection pipe line on 24/7 basis. Waste Management should be essential for protect the ground water against contamination of waste materials.
9	Polerhat I GP	4 & 7	Bhangar II	25-Jul-19	21 participants were presents in the Public Consultation meeting, in which 6 participants were female. Discussion on following point: 1) The project is to supply safe Arsenic free drinking water to reduce health problem. 2) Use the surface water to save the ground level water. 3) This project also generates the livelihood for the poor & marginalized sections of the society. 4) Provision for Income augmentation as an attempt to stop migration. 5) Women empowerment is a key component. 6) Roles and responsibility of GP and VWSC, 7) What is GRM, and how people can register their problem.

## CONSULTATION AND FGD - SAMPLE COPY

## Public Consultation at Mongalhat village Bokjuri GP, Haroa

Sl.	Block	Date & Place	Zone	No of Participants	Concerns/ Issues Discussed	Photographs
1	Harao	Date: 18.10.19 At Mongalhat village Bokjuri GP	12	Total - 13 Male - 11 Female - 2	<b>Discussion:</b> <ul style="list-style-type: none"> <li>Discussion on Benefits of project, how the project woks, why the project taken by Govt.</li> <li>70 lpcd potable water through metered house connections on a 24/7 basis.</li> <li>The main goal of the project is to supply safe drinking water to every person.</li> <li>All educational, commercial, religious, health etc. institutions will Also get the same potable water from this project.</li> <li>In Haroa block 21 Overhead Reservoirs (OHRs) will be constructed and from</li> </ul>	

Sl.	Block	Date & Place	Zone	No of Participants	Concerns/ Issues Discussed	Photographs
					<p>those OHRs water will be supplied to the houses and other community &amp; government institutions.</p> <ul style="list-style-type: none"> <li>• The project is to supply safe Arsenic free drinking water to reduce health problem and use surface water to save ground level water.</li> <li>• Water quality issue was also discussed - Arsenic in ground water is a big issue in Haroa block, hence in entire Haroa block surface water will be supplied after proper treatment.</li> <li>• Operation &amp; Maintenance (O&amp;M) - the project will be finally handed over to the Gram Panchayats for maintenance and distribution of water.</li> <li>• People can write their grievances/ suggestions/ opinions and ask questions to know specific things about the project and Grievance Registers should be available with the supervisor working at the site.</li> <li>• People don't need to pay anything to anybody for pipeline distribution work now. Till their premises pipelines and meters will be installed by PHED.</li> <li>• How safety &amp; security of the labors also has been taken care off in the project. At all sites handholding training programs on First Aid were organized for the labors.</li> </ul> <p><b>Concerns of the Participants:</b></p> <ul style="list-style-type: none"> <li>• Two or three brothers are in one house, but all are separated now. Will they get separate water pipeline connections for each one of them?</li> <li>• They wanted to know how much will pay by them for drinking water?</li> <li>• Participants expressed that they are eagerly waiting for this project</li> </ul>	  

## Attendance Sheet

**ATTENDANCE SHEET**

Programme - Public Consultation  
 Venue - Mondakhat Village, Zone-12, Haridwar  
 Date - 19.10.2019  
 Time - 3:30 P.m.

Sl. No	Name	Designation	Contact No.	Signature
01	Nagendra Malla	Villagers	8367036194	[Signature]
02	Julfikar Malla	Villagers		
03	Singh Malla	Villagers	8345098528	[Signature]
04	Mamta Bibi	House Wife		
05	Mamta Malla	Villagers	8346988664	[Signature]
06	Asadul Mulla	Villagers		
07	Asadul Malla	Villagers	9735718309	[Signature]
08	Arif Mulla	Villagers		[Signature]
09	Amir Malla	Villagers		[Signature]
10	Shah Sahajan Malla	Villagers	5554985883	[Signature]
11	Md. Subhan Malla	Villagers		[Signature]
12	Hamid Malla	Villagers		[Signature]
13	Salema Bibi	House Wife		[Signature]
14	Rajiv Kumar Das	Support Staff Soc. and Safeguards	9983996977	[Signature]
15	Rahul Kumar	Support Staff Environment	7364804206	[Signature]
16				
17				
18				
19				
20				

## **APPENDIX 20: PERMISSION LETTERS & NOC's OBTAINED FOR WBDWSIP**



**A. Package WBDWSIP/DWW/ N-24P/NCB/01/2017-18****Land Possession Letter from WBHIDCO for WTP Land of  
Package WBDWSIP/DWW/ N-24P/NCB/01/2017-18**


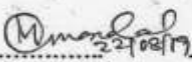
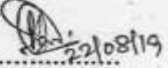


### Permissive Possession Certificate


In pursuance of memo no. PMU/WBDWSIP/PHEP/92/774 Dated, New Town, the 22.08.2019 of Chief Engineer & Project Director PMU, WBDWSIP, PHE Dte. Govt. of West Bengal the permissive Possession of the bulk land in plot no. 1) WTP/A1+A1/I, measuring about (1.935 Acres+0.828 Acres) 2.763 Acres, 2) WTP/A2, measuring about 0.241 Acres, 3) WTP/A3, measuring about 0.083 Acres, 4) WTP/A4+A4/I, measuring about (0.739 Acres+0.104 Acres) 0.843 Acres, 5) WTP/A5, measuring about 0.224 Acres and 6) WTP/A6, measuring about 1.439 Acres in Action Area-1A, Total land Measuring 5.593 Acres under New Town Police Station in favour of Public Health Engineering Department, Government of West Bengal, for establishing of extension of Water Treatment Plant, as per the enclosed drawing No. HIDCO/PLG/AA-I/W-676 (R-2) dated 25.07.2019, prepared by the Planning Wing of WBHIDCO showing the boundary coordinates as properly demarcated by RCC made HIDCO pillars is handed over to authorized person Shri Sudip Kumar Mandal, Executive Engineer, PIU, North 24 Parganas, WBDWSIP, Public Health Engineering Directorate and such Permissive Possession of the said plot of land has been taken over by him on behalf of Public Health Engineering Department, Government of West Bengal on this 22<sup>nd</sup> day of August, 2019. This is however subject to execution and registration of the Deed of Lease of after having full payment of lease premium.

Each Co-ordinate plot Plan No. HIDCO/PLG/AA-I/W-676 (R-2) dated 25.07.2019 Prepared by Planning Wing of WBHIDCO.


**Permissive Possession Handed Over**

 Field Supervisor (EM) WBHIDCO	 Surveyor (EM), WBHIDCO	 Sub-Assst. Engineer (EM) WBHIDCO	 Asstt. Engineer (EM), WBHIDCO
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**Permissive Possession Taken Over**

  
 Executive Engineer  
 PIU, N-24 Pgs., WBDWSIP, PHE Dte.  
 Govt. of West Bengal  
 Shri Sudip Kumar Mandal, Executive Engineer,  
 PIU, North 24 Parganas, WBDWSIP, Public Health Engineering Directorate

**Countersigned**

  
 Estate Manager, WBHIDCO

Copy forwarded for information to:

1. Chief Engineer & Project Director, PMU, WBDWSIP, PHE Dte., Govt. of West Bengal
2. General Manager (Admin.), WBHIDCO.
3. General Manager (Commercial), WBHIDCO
4. Chief Planner, WBHIDCO
5. PS to Hon'ble Chairman, WBHIDCO.
6. PA to Joint Managing Director, WBHIDCO.


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**WEST BENGAL HOUSING INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
 (A Govt. of West Bengal Undertaking)

"HIDCO BHABAN", Premises No. : 35 - 1111, Biswa Bangla Sarani, 3rd Rotary, New Town, Kolkata-700156  
 Telephone : (033) 2324-6037/6038, Fax No. : (033) 2324-4833/3016/6009, e-mail : wbhidcoltd@gmail.com / info@wbhidco.in  
 Website : www.wbhidcoltd.com CIN : U70101WB1999SGC089276



**B. Package WBDWSIP/DWW/NCB/BK/01/2017-18****Permission Letter for Surface Water Abstraction from Mukutmonipur Reservoir  
For Package WBDWSIP/DWW/NCB/BK/01/2017-18**

  
Government of West Bengal  
Irrigation & Waterways Department  
Jalasinipad, Bhawan, Salt Lake, Kolkata - 700 091  
Ph & Fax- 033 2321 5211, email: ds-works@wbwid.gov.in

*P.M.L. to PHE 0/2*

Memo No. 253-I  
1-4M-07/2015(Pl.)

Dated: 22/06/2017

From:- Sri B. Mukhopadhyay  
Deputy Secretary to the  
Government of West Bengal

To:- The Engineer-in-Chief,  
Public Health Engineering Department,  
Government of West Bengal  
N.S. Building, 6<sup>th</sup> floor,  
1, K.S. Roy Road, Kolkata-700001.


**Sub :** Permission of Irrigation & Waterways Department for drawal of 32 MLD of raw water from Mukutmonipur reservoir for drinking water purpose under the Bankura Water Supply Project (Phase-II) of PHE Department.

**Ref:** His D.O. letter No. PHE/EIC/209/2017-18 dated 15.06.2017

Sir,

This department earlier accorded 'No Objection' to PHE department, GoWB for drawal of 100 MLD of raw water from Mukutmonipur reservoir through a RCC intake well within the reservoir area at Mouza- Jamdah, Block- Manbazar-I, Dist.- Purulia to cater the need of drinking water of the people of the northern portion of Purulia district. It is understood that out of allocated 100 MLD of raw water, at present 68 MLD is the requirement for phase-I work of the aforesaid JICA assisted drinking water supply project of PHE department for Purulia. It is proposed vide D.O. letter under reference to utilize the balance 32 MLD out of total allocation of 100 MLD for their Bankura Water Supply Project (Phase-II).

In view of above, I am directed to convey the 'No Objection' of this department towards drawal of 32 MLD of raw water out of above mentioned 100 MLD allocation through the already existing intake structure stated above. All other conditions, stated in department's approval letter no. 270-1/T-4M-48/12 dated 10.06.15 will be applicable for this proposed drawal of 32 MLD of raw water.

Yours faithfully,  
  
(B. Mukhopadhyay)  
Deputy Secretary to the  
Government of West Bengal



22



**GOVERNMENT OF WEST BENGAL**  
**OFFICE OF THE SUPERINTENDING ENGINEER**

PIU, BANKURA, WBDWSIP, PHE DIRECTORATE

RABINDRA SARANI : NEAR JAIL MORE : PATPUR, TAMLIBANDH

BANKURA - 722101, Ph. No. - 03242-241007, 241008 :: email : piubankura.adb@wbphed.gov.in

Memo No :- 12 / PIU-BANKURA

Dated, Bankura the 26 /03 / 2018

To

The Superintending Engineer - I

Kangsabati Circle, I & W. Department

Kenduadihi, Bankura - 722101

S.E.J. K.C. 14d@gmail.com

Sub :- Withdrawal of additional 12 MLD of raw water from Mukutmanipur reservoir for drinking water purpose for Indpur - Taldangra block Piped Water Supply Scheme in Bankura District under West Bengal Drinking Water Supply Improvement Project

Mega Piped Water Supply Scheme to Bankura District (Phase - II) covering 08 (Eight) blocks has been proposed to be funded by the ADB. Currently four blocks (i.e. Indpur, Taldangra, Mejhia and Gangajalghanti) have been prioritized to be covered with the piped water supply scheme. Initially Ground and Sub - surface sources were selected for Indpur and Taldangra blocks. Considering the issue of source sustainability, especially in the Indpur block where ground water potential is very low, it has been decided to select the Mukutmanipur reservoir as surface source for these two blocks. Accordingly the proposal for withdrawal of surplus 32 MLD water of "JICA assisted West Bengal Piped Water Supply project (Purulia) from Mukutmanipur reservoir was sent to the Irrigation & Waterways Department vide letter No. PHE / EIC / 209 / 2017 - 18 dated 15.06.2017. Subsequently No Objection for withdrawal of 32 MLD Water from aforesaid reservoir has been received from the Deputy Secretary to the Govt. of West Bengal vide his letter No. 263- I / I - 4M - 02/ 2015 (Pt.) Dated, 22.06.2017. Now the design year for Indpur - Taldangra block Piped Water Supply Scheme has been considered to 2050. As a result the raw water demand has been enhanced to 44 MLD. In this context, it has been essential to seek permission for withdrawal of additional 12 MLD (44-32 = 12) water from Mukutmanipur reservoir.

This is for his kind information and further necessary approval please.

*[Signature]*  
 Superintending Engineer

PIU, Bankura WBDWSIP, PHE DTE.

Dated, Bankura the 26 /03 / 2018

Memo No :- 12 / (1-5) / PIU-BANKURA

Copy forwarded for information to :-

1. The Chief Engineer & Project Director, WBDWSIP, PHE Dte., Kolkata - 700156
2. The Executive Engineer, PIU(Civil), Bankura, WBDWSIP, PHE Dte., Bankura - 722102
3. The Executive Engineer, Mechanical / Electrical, PIU, BANKURA, WBDWSIP, Rabindra Sarani, Near Jail More, Bankura - 722101
4. The Executive Engineer, Bankura Mechanical Division, PHE Dte., Bankura - 722102
5. The Assistant Engineer-I, PIU (Civil), BANKURA, WBDWSIP, Bankura - 722102



*Sd/-*  
 Superintending Engineer

PIU, Bankura WBDWSIP, PHE DTE.

Scanned by CamScanner

## Land Possession Certificates of WTP land for Package WBDWSIP/DWW/NCB/BK/03/2017-18

EE-BWSC, PHED  
 Serial No. 106  
 Date No. 1159  
 Date 02/09/19

Government of West Bengal  
Office of the District Land & Land Reforms Officer  
Bankura

2019

Memo. No. LM/ /19 Dated, Bankura

To  
O.S.D. & Ex- officio Assistant Secretary  
to the Government of West Bengal  
Land & Land Reforms & Refugee, Relief and Rehabilitation Department  
LRA-III GE(M) Branch  
'NABANNA'  
325, Sarat Chatterjee Road  
P.O. Shibpur, Dist. Howrah- 711102.

Sub : Proposal for inter- departmental transfer of 8.00 acres of Govt. land at Mouza- Lohadihi, J. L.No. 158, Plot No. 2, Block- Khatra, District- Bankura in favour of the Department of Public Health Engineering for Indpur- Taldangra Piped Water Supply Scheme ( Phase-II) under West Bengal Drinking Water Sector Improvement Project.

Ref : Your office Memo. No. 1640-GE(M)/2L-155/18 Dated 07.05.2018, 49-GE(M)/2L-155/18 Dated 04.01.2019 and Memo. No. 99-II(LAM) Dated 16.05.2019  
I(LAM)4M(05)2018  
of Irrigation & Waterways Deptt. Government of West Bengal.

Reference above, the proposal for inter-departmental transfer of land specified below in favour of the Department of Public Health Engineering, Government of West Bengal for Indpur-Taldangra Piped Water Supply Scheme ( Phase-II ) under West Bengal Drinking Water Sector Improvement Project in the district of Bankura is sent herewith for taking suitable course of action from your end.

Detail information is given below

1. Proposed Schedule of land :

Name of Block	Name of Mouza	J.L.No.	Plot No.	Area ( in acre )
Khatra	Lohadihi	158	2	8.00

2. Enclosed authenticated copy of plot information.

3. Enclosed the Sketch Map of land showing the position in mouza map by red ink.

4. The schedule of land mentioned above is free from all sorts of encumbrances.

5. Furnished spot verification report of the Revenue Inspector concerned.

6. The subject land is neither a forest land nor included within any notified /protected forest.

7. The land is not involved in any acquisition process.

Contd.....P/2

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-2-

8. The land is not distributed through patta.

## Enclo :

1. Authenticated copy of Plot information - 1(one) sheet.
2. Sketch Map of land marked in colour - 1 ( one) sheet.
3. Field verification report of the Revenue Inspector concerned- 1(one) sheet.
4. Copy of Memo. No. 1640-GE(M)/21-155/18 Dated 07.05.2018 of L&LR&RR&R Deptt.

*Sd/-*  
Additional District Magistrate  
&

District Land & Land Reforms Officer  
Bankura

Memo. No. LM/ 4210/1 (III) /19 Dated, Bankura 06/08/ 2019

## Copy forwarded to :

1. The Joint Secretary to the Govt of West Bengal, Department of Public Health Engineering New Secretariat Buildings (7<sup>th</sup> Floor), 1, Kiran Sankar Roy Road, Kolkata- 700001.
- ✓ 2. The Executive Engineer, Bankura Water Supply Division, PHE Dte., PHE Complex, Ailakundi, Bankura.
3. P.A. to the District Magistrate Bankura for placement before the District Magistrate for kind information.

*Anwostepang*  
Additional District Magistrate  
&

District Land & Land Reforms Officer  
Bankura

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**C. Package : WBDWSIP/DWW/NCB/BK/03/2017-18****Permission Letter for Surface Water Abstraction from DVRRC For Package WBDWSIP/DWW/NCB/BK/03/2017-18**

No. MD/DVRR/WA-6(PART - VIII/Bankura WSP(Phase-II)/2019/ 881-86  
**GOVERNMENT OF INDIA**  
**CENTRAL WATER COMMISSION**  
**DVRR UNIT**

RECEIVED POST

06540-252812/274214  
 Fax No:- 06540-276525

Dated 01/07/2019  
 MAITHON DAM  
 Distt-Dhanbad, Jharkhand  
 PIN - 828 207

To  
 ✓ The OSD & Engineer-in-Chief,  
 Public Health Engineering Department,  
 N.S. Building, 7<sup>th</sup> Floor,  
 1, K.S. Roy Road, Kolkata  
 West Bengal- 700001.

Sub:- Concurrence for drawl of 15.55 MGD of water for Bankura Water Supply Project (Phase-II), under WBDWSIP.

Ref:- I. Your Memo No. PHE/EIC/221/2017-18 dated 28.07.2017;  
 II. WBIDC letter No. WBIDC/DVRRC/08-09/417 dated 11.06.2019.

Sir,

With reference to your letter mentioned above vide which a quantity of drawl of 70.7MLD i.e. 15.55 MGD water was requested for allocation to your Department from Durgapur barrage, discussions were held in 141<sup>st</sup> meeting of DVRRC Committee held at Maithon on 13<sup>th</sup> June 2019. Concurrence of the DVRRC for drawl of 15.55 MGD of raw water from Durgapur barrage is hereby conveyed to your department. The allocation is subject to following:-

(A) Exact location for drawl of water may be decided in consultation with DVC authority. The water shall be drawn from the reservoir/river as and when available and intake structure/conveyance system should be designed accordingly. As water in the reservoir/river may not be available during certain days in the year particularly during summer months, your department may have to make arrangement for captive storage to meet water requirement of your department in such situations.

(B) Adequate care should be taken in design and construction of the intake structure to ensure availability of water even during summer months. The intake structure should be able to withstand the high flows of the river.

(C) The sourcing point and concurrence for million gallon/day(MGD) of water is project specific. The water drawn shall, in no way be utilize by your department for any other purpose.

(D) Your department will have to ensure that the effluent water discharging out of your plant conform to the latest regulations/ proscribed water quality parameter. On this aspect DVC will also conduct checks regularly.

(E) You shall have to execute an agreement with DVC and pay charges to DVC for the water drawn as per the terms and conditions in force. The allocation will come into effect from the day of execution of the agreement with DVC. The allocation of water will be treated as cancelled if your office does not

## Land Possession Certificate of WTP land for Package WBDWSIP/DWW/NCB/BK/03/2017-18

Government of west Bengal  
Office of the Block Land & Land Reforms Officer.  
Gangajalghati.Bankura

Memo no: 234 /LR /G.Ghati./19

Dated 29 / 05 / 2019.

**Possession Certificate**


Delivery and taking over the possession of Govt. Vested Land on I.T.D.L in favour of Department of public Health Engineering, Govt. of West Bengal for setting up of West Bengal Drinking Water Sector Improvement Project (WBDWSIP) in the District of Bankura under P.S. Gangajalghati in Plot.No.851 of Mouza Basudebpur JI.No.13 measuring an area of 10.00 acres of land in response to the Memo.No.LM/2004/19 dt.10/04/2019 of the A.D.M & D.L.& L.R.O, Bankura and sanctioned vide Memo.No.762-GE(M)/2L-289/18 dt.08/03/2019 of the Land & Land Reforms & Relief and Rehabilitation Department; Govt. of West Bengal.

The delivery of possession of the above land is made to Sri Dhiraj Mondal Assistant Engineer, PIU Bankura WBDWSIP PHE Dte on this day i.e, 29<sup>th</sup> Day of May 2019 in reference to the memo no 30/EE/PIU Bankura dt 26/04/19 of Executive Engineer PIU Bankura WBDWSIP, PHE Dte of Govt of West Bengal.

**Land Schedule:**

Dist. Bankura  
P.S. Gangajalghati  
Mouza. Basudebpur  
JI.No. 13  
Plot.No. 851  
Area. 10.00 acres.

Possession taken over.

  
Assistant Engineer-I  
PIU Bankura WBDWSIP, PHE Dte.  
Govt. of West Bengal

  
Possession handed over  
Block Land & Land Reforms Officer,  
Gangajalghati, Bankura.

B.L.&L.R.O  
Gangajalghati. Bankura

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## SAUW Semi-Environmental Monitoring Report Review – Information Log

**Instructions :** Provide information based on SEMR submitted by Project Management Unit (PMU). This log sheet will serve as record of the review findings, comments, and/or further actions. A copy of the SEMR log sheet should be (i) provided to PMU for their record; (ii) attached to the SEMR to be disclosed on ADB website; (iii) used as reference for review of next SEMRs; and (iv) inputted in the SARD Safeguards Compliance Tracking System.

Project title:	WEST BENGAL DRINKING WATER SECTOR IMPROVEMENT PROJECT (WBDWSIP)			
Loan Number:	3696-IND	Project Number:	49107	
Overall Project and Objectives	<p>The project will provide safe and sustainable drinking water as per the standards set by the Government of India to about 1.65 million people in the arsenic, fluoride, and salinity- affected selected areas of Bankura, North 24 Parganas and Purba Medinipur districts of West Bengal (project districts). The outputs of the project are,</p> <ul style="list-style-type: none"><li>✓ Output 1: Climate resilient drinking water infrastructure constructed</li><li>✓ Output 2: Institutions and capacity of stakeholders for drinking water service delivery strengthened</li></ul> <p>The Program is being carried out by the Govt. of West Bengal (GoWB) acting through WBPHEd as the Executing Agency (EA).</p>			
Approved Categorization		Category A		Category C
	✓	Category B		FI
Loan Effectivity Date:	16.11.2018		Frequency of Reporting	Six Monthly
Project Officer	Neeta Pokhrel	Project Analyst	Jade Marie Valdez Dumaguig	
Reporting Year	2019	Coverage Period	Period May 2019 to October 2019	2 <sup>nd</sup> SEMR of the year
Date of PMU submission to ADB		18.12.2019 21.01.2020 (updated)	Date of ADB's feedback/comment to PMU	13 <sup>th</sup> January 2020

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
<b>A. Project Safeguards Team</b> (check loan agreement and PAM requirements)				
PMU <sup>1</sup>	<p>Mr. Sudip Ghosh Executive Engineer – I, Head Safeguards Gender Officer (HSGO), Safeguard Gender Cell (SGC)</p> <p>(Ref Table 3 of SEMR)</p> <p>(Refer Table 1 of SEMR )</p>	<p>PMU's Head Safeguards Gender Officer is responsible for compliance with environmental requirements of ADB SPS and government. Detailed activity provided under safeguard implementation arrangement</p>	None	-
PIU <sup>2</sup>	<p><b>PIU North 24 pgs</b> Name: Mr. Sourav Bose Assistant Engineer-III, Safeguard Officer (SO), Environmental and Social Safeguard Unit (ESSU)</p>	Noted	None	-

<sup>1</sup> PMU – project management unit

<sup>2</sup> PIU – project implementation unit (For DWSIP – project coordination units are PIUs)

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<p><b>PIU Bankura</b> Name: Mr. Suman Pramanik Assistant Engineer-II, HQ Safeguard Officer, Environmental and Social Safeguard Unit (ESSU)</p> <p>Mr. Dhiraj Mondal. Assistant Engineer-I</p> <p><b>PIU East Medinipore</b> Name: Sk. Mojammel Hk. Assistant Engineer-I, Safeguard Officer, Environmental and Social Safeguard Unit (ESSU)</p> <p>(Refer Table 1 of SEMR )</p>			
Consultants	<p><b>PMC, Environmental Specialist:</b> Dr. Ardhendu Mitra</p> <p><b>DSISC, North 24 pgs, Environmental Specialist:</b> Mr. Swarnabha Bandyopadhyay</p> <p><b>DSISC, Bankura, Environmental Specialist: Name:</b> Mr. Ranjan Kumar Mallick</p> <p><b>DSISC, East Medinipur, Environmental Specialist: Name:</b> Mr. Partha Sarathi Mukherjee</p> <p>(Ref Table 1 of SEMR)</p>	Apart from the Environmental specialists there are also Support Environmental Safeguard Staffs in all DSISC,	None	-
Others (e.g. auditor, external monitoring team, etc)	No			-
<b>B. Overall Project and Subproject Description</b> (summarize number and type of packages) <sup>3</sup>				
Number of Packages with civil works (check if consistent with latest procurement plan)	<p><b>There are 10 nos. civil work packages under ADB loan.</b></p> <ol style="list-style-type: none"> <li>1. WBDWSIP/DWW/N-24P/NCB/01/2017-18</li> <li>2. WBDWSIP/DWW/N-24P/NCB/02A/2017-18</li> <li>3. WBDWSIP/DWW/NCB/N-24P/02B/2017-18</li> <li>4. WBDWSIP/DWW/NCB/BKP/01/2017-18</li> <li>5. WBDWSIP/DWW/NCB/BK/02A/2018-19</li> <li>6. WBDWSIP/DWW/NCB/BK/02B/2018-19</li> <li>7. WBDWSIP/DWW/NCB/BK/03/2018-19</li> <li>8. WBDWSIP/DWW/NCB/BK/04/2018-19</li> <li>9. WBDWSIP/DWW/ICB/EM/01/2018-19</li> <li>10. WBDWSIP/DWW/ICB/EM/02/2018-19</li> </ol> <p>The contract awarded for 8 packages (Sl.1 to 8) and project work started. Letter of Acceptance has been issued for one package of East Medinipur (EM 02) on 12.9.2019 but signing of contract is pending. Bidding is in progress</p>	<p>Procurement plan per PAM shows 12 packages</p> <p>Besides 10 civil work packages, there are 2 small packages of \$2 million as grant from the <b>Japan Fund for Poverty Reduction.</b></p> <p>1. <b>Package - SAN/01</b>, Pilot Fecal Sludge and Septage Management Plant - Small works packages under the JFPR grant, 2. <b>Package STWM (Smart Water Management)/01</b>, Gram Panchayat level smart water management equipment - Multiple packages under the Japan Fund for Poverty Reduction Plant have been</p>	<p>1. <b>SAN/01</b> (Pilot fecal sludge and septage management)</p> <p>- IEE to be prepared by DSISC consultant once location is finalized.</p> <p>2. <b>STWM/01</b> (GP level water management equipment): Propose intervention for smart water management with metering at GP level).</p>	<ol style="list-style-type: none"> <li>1. Noted- To be done accordingly</li> <li>2. Due diligence study reports will be prepared after finalization of package work</li> </ol>

<sup>3</sup> DB/DBO – design-build or design, build, and operate or where contractor will finalize the detailed engineering design; civil works contract – enough details of the package is known and used as basis for bid/contract's Technical Specification



Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<p>for other Package ( EM 01).</p> <p>(Refer. Section I.E – Introduction of SEMR; Tables 1&amp; 2)</p>	<p>considered.</p> <p>These 2 packages are under Smart Water Management for “Institutions and capacity of stakeholders for drinking water service delivery strengthened”.</p>	<p>- Due diligence study to be prepared</p> <p>Table 2 should be checked for sl. 9 (EM 01 ) regarding status of Subprojects : not consistent with text.</p>	<p>Table 2 and Table 7 corrected accordingly</p>
Number of DBO packages and status (see footnote 3)	<p><b>Total 4 DBO packages</b></p> <ol style="list-style-type: none"> <li>1. WBDWSIP/DWW/N-24P/NCB/01/2017-18</li> <li>2. WBDWSIP/DWW/NCB/BKP/01/2017-18</li> <li>3. WBDWSIP/DWW/NCB/BK/03/2018-19</li> <li>4. WBDWSIP/DWW/ICB/EM/01/2018-19</li> </ol> <p><b><u>Status of DBO Subprojects as on 31<sup>st</sup> October, 2019</u></b></p> <p><b>Contract awarded for 3 packages</b></p> <ol style="list-style-type: none"> <li>1) WBDWSIP/DWW/N-24P/NCB/01/2017-18</li> <li>2) WBDWSIP/DWW/NCB/BKP/01/2017-18</li> <li>3) WBDWSIP/DWW/NCB/BK/03/2018-19</li> </ol> <p><b>1 Package is under bidding stage</b></p> <ol style="list-style-type: none"> <li>1. WBDWSIP/DWW/ICB/EM/01/2018-19</li> </ol> <p>(Refer. Section I. E – Introduction of SEMR; Tables 2 &amp; 3 )</p>	3 packages are under implementation	None.	-
Number of civil works packages and status (see footnote 3)	<p><b>Total 6 packages</b></p> <p><b><u>Status of Subprojects as on 31<sup>st</sup> October, 2019</u></b></p> <p><b><u>Contract awarded for 5 Packages</u></b></p> <ol style="list-style-type: none"> <li>1. WBDWSIP/DWW/N-24P/NCB/02A/2017-18</li> <li>2. WBDWSIP/DWW/NCB/N-24P/02B/2017-18</li> <li>3. WBDWSIP/DWW/NCB/BK/02A/2018-19</li> <li>4. WBDWSIP/DWW/NCB/BK/02B/2018-19</li> <li>5. WBDWSIP/DWW/NCB/BK/04/2018-19</li> </ol> <p><b><u>Contractor selected and LOA issued</u></b></p> <ol style="list-style-type: none"> <li>6. WBDWSIP/DWW/ICB/EM/02/2018-19</li> </ol> <p>(Refer. Section I. E – Introduction of SEMR; Tables 2 &amp; 3 )</p>	5 packages are under implementation	None.	-

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
IEEs cleared for awarded packages?	<p><b>Draft IEEs and IEE Log sheets cleared by ADB for all 10 packages .</b></p> <p>Till report period (October 2019) contract has been awarded for 8 packages (DBO -3; item rate contracts -5)</p> <p>For one package (EM 02), LOI has been issued but contract agreement signing is pending.</p> <p>Bidding is in process for another Package (EM 01).</p> <p><b>(Refer Table 7 of SEMR)</b></p>	Till report period (October 2019) contract has been awarded for 8 packages (DBO -3; item rate contracts -5) which are under implementation	As the detailed design is finalizing zone wise, contractors should submit zone wise updated SEMP/IEEs to PMU/ADB for approval prior to start of works. Please ensure that no work to start until SEMP/IEEs been reviewed and cleared by ADB.	<p>Finalization of SEMP/IEEs – zone wise continued.</p> <p>Table 3A in SEMR indicates status of submission of SEMP/IEEs.</p> <p>It is ensured that no work to start until SEMP/IEEs been reviewed and cleared by ADB.</p>
Safeguard documents disclosed on project website?	<p><b>All 10 Safeguard documents disclosed in ADB and WBPHEd websites.</b> Links for Environment safeguard reports are given below :</p> <p><b>ADB Website</b></p> <p><b>East Mednipore</b>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-7">https://www.adb.org/projects/documents/ind-49107-006-iee-7</a>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-5">https://www.adb.org/projects/documents/ind-49107-006-iee-5</a></p> <p><b>Bankura</b>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-6">https://www.adb.org/projects/documents/ind-49107-006-iee-6</a>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-4">https://www.adb.org/projects/documents/ind-49107-006-iee-4</a>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-2">https://www.adb.org/projects/documents/ind-49107-006-iee-2</a>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-3">https://www.adb.org/projects/documents/ind-49107-006-iee-3</a>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-1">https://www.adb.org/projects/documents/ind-49107-006-iee-1</a></p> <p><b>North 24 pgs</b>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee">https://www.adb.org/projects/documents/ind-49107-006-iee</a>  <a href="https://www.adb.org/projects/documents/ind-49107-006-iee-0">https://www.adb.org/projects/documents/ind-49107-006-iee-0</a></p> <p><b>WBPHEd</b></p> <p><i>WBDWSIP website link for Environment safeguard report</i>  <a href="https://wbdwsip.org/safeguard-documents">https://wbdwsip.org/safeguard-documents</a></p> <p><b>(Refer Table 7 of SEMR)</b></p>	Till report period (October 2019) contract has been awarded for 8 packages (DBO -3; item rate contracts -5) which are under implementation	<p>Final safeguards documents to be prepared and submitted after finalization of detailed engineering design for approval and disclosure in ADB and PHED websites.</p> <p>Please ensure that no work to start prior approval from ADB.</p>	Duly Noted.

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
SEMR information on package-wise implementation phase (bidding, on-going, construction, completed, under operation, others)	<p><b>Package wise SEMR implementation status of Subprojects as on 31<sup>st</sup> October, 2019</b></p> <p>Out of 10 packages, information provided only for 8 packages in the SEMR</p> <p>The contract agreements for 8 packages have been signed and project work started in the following packages:</p> <ol style="list-style-type: none"> <li>1. WBDWSIP/DWW/N-24P/NCB/01/2017-18</li> <li>2. WBDWSIP/DWW/N-24P/NCB/02A/2017-18</li> <li>3. WBDWSIP/DWW/NCB/N-24P/02B/2017-18</li> <li>4. WBDWSIP/DWW/NCB/BKP/01/2017-18</li> <li>5. WBDWSIP/DWW/NCB/BK/02A/2018-19</li> <li>6. WBDWSIP/DWW/NCB/BK/02B/2018-19</li> <li>7. WBDWSIP/DWW/NCB/BK/03/2018-19</li> <li>8. WBDWSIP/DWW/NCB/BK/04/2018-19</li> </ol> <p>(Refer Table 2, 3 and 7)</p>	Status of two sub-project packages under the JFPR grants (SAN/01 & STWM/01) are not mentioned in Table 1 of SEMR	<p>Continue update Table 2 &amp; 3 in the succeeding SEMRs as the different packages touch upon different milestones</p> <p>Provide status of two sub-project packages under the JFPR grants in Table 2 &amp; 3 of SEMR</p>	<p>Noted</p> <p>Locations and detailed components of two Subproject packages are yet to be finalised</p> <p>Mentioned in note below the Table 2</p>
<b>C. Status of compliance with statutory clearances</b> (check IEE for the complete list, summarize the findings for each package – obtained/under application and if obtained, specify validity period)				
Environmental Clearance (EC)	<p>Environmental Clearance (EC) <b>is not</b> required for any WBDWSIP subprojects.</p> <p>[Ref. Table 4 of SEMR]</p>	Out of 10 packages, information provided only for 8 packages	Provide information for other packages	Mentioned in the SEMR report at <b>Para 8</b> that environment clearance is not required for any packages.
Forest Clearance	<p>Forest clearance is not required for any WBDWSIP subprojects.</p> <p>(Ref Table 4 of SEMR)</p>	Out of 10 packages, information provided only for 8 packages	Provide information for other packages	Only 8 packages have been awarded. As per DPR no forest clearance is required for other 2 packages
No Objection Certificate/Letter	<p>For two North 24 Packages (NP/ 02A &amp; NP/02B) NOC has been obtained from Director, Sundarban Biosphere Reserve on 5th March 2019.</p> <p>(Ref. Table 4 of SEMR and Appendix 3)</p>	Noted.	None	-
Site location clearance	<p>Administrative Process continued for Site clearances and obtaining possession for OHR lands.</p> <p>(Ref. Land clearance status provided in Table 5 of SEMR).</p>	Noted.	None	-

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
Permit/Consent to Construct (or equivalent)	Consent to Establishment (CTE) is required for construction of WTPs in 4 sub-projects. Application for obtaining Consent to Establishment (CTE ) for WTP has been submitted to West Bengal Pollution Control Board for <b>three packages : NP24 /01, BK/01 and BK/03.</b>  (Ref. Table 4 of SEMR)	Out of 4 packages, application for obtaining Consent to Establishment (CTE ) for WTP has been submitted for 3 packages	Follow up with West Bengal Pollution Control Board for getting CTE.  In the next SEMR, confirm that conditions of the CTE have been included/ considered.	Status upto 31 <sup>st</sup> October 2019 is provided in the SEMR. On date CTE obtained for N 24P/01 package. Rest under process
Permit/Consent to Operate (or equivalent)	Not required for the packages at this stage. Consent to Operate (CTO) will be obtained once construction is completed  [Ref. Table 4 of SEMR]	CTO is not yet due. CTO will be obtained after WTP construction	None.	
Road-cutting permit	Under process – as per requirement from PWD	Linear works will require road-cutting permit.  Clarify if road-cutting permit is required and provide status for each package.	- Review status of road cutting permit for all awarded packages - Obtain road cutting permit per requirement  -Provide status of application in SEMR.	Road cutting Permission sought from concerned authorities for packages where pipe laying work started .  SEMP includes all road cutting permit status specifically for pipe laying work.
Utilities shifting permit	Till report period no as such permit is required .	Linear works may require utility shifting and would NOCs from owners/operators of utilities.	- Clarify if utilities shifting permit is required and provide status for each package  - Obtain utility shifting permit per requirement	No utility shifting is required till date
Tree-cutting permit	Obtained NOC for Tree felling for Gopalpur OHR site (package N 24 pgs/ 02A) and application submitted for BK/03.  (Ref . Table 4 and Appendix 5 in SEMP)	Appendix 5 provides the NOC for tree felling .	Tree felling NOC to be obtained for other sites as per final design and advancement of work ( if required)  Submission of report on completion of plantation program to DFO. Tree replacement ratio is 1:	Duly Noted

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
			5. Ensure Maintenance of proposed plantations for five years	
Others (specify)	<p>Contractor has obtained/submitted the followings as per requirement for the awarded packages of North 24 Parganas:</p> <ol style="list-style-type: none"> <li>1. Pollution under control certificate (PUC) PUC obtained (sample attached in <b>Appendix 2</b>)</li> <li>2. Labour licence obtained and enclosed as <b>Appendix 3</b></li> <li>3. Worker compensation insurance policy obtained and attached as <b>Appendix 4</b></li> </ol> <p>[Ref. Table 4 of SEMR]</p>	Required for all packages where work is in progress.	<p>In the next SEMR, confirm contractors' submission for other packages. If not yet submitted provide timeline for compliance.</p> <p>PUC certificate will be collected for new vehicles Also, renewal will be required as per validity.</p>	Noted

**D. Status of Compliance with loan covenants** (verify items in SEMR with the project's loan agreement)

The loan agreement for WBDWSIP was signed on 3<sup>rd</sup> October 2018 and details are available in ADB website (<http://www.adb.org/projects/documents/ind-49107-006-lna>). **Table 6 of SEMR** provides a summary of compliance to the loan covenants related to environmental safeguards.

Safeguards environment (Schedule 5, Item 6)	<p>Document is prepared/ or under preparation by complying all relevant State and National Laws, Safeguard Policy Statement (SPS 2009) of ADB, Environment Assessment Review Framework (EARF)</p> <p>Draft Initial Environmental Examination (IEE), Environment Management Plan (EMP) reports were prepared and approved by ADB.</p> <p>Zone wise updating of draft IEEs are in progress for all awarded packages where design has been finalized,. All rules and regulations are considered during preparation of documents</p> <p>All measures as mentioned in Environment Management Plan (EMP) and Site Environment Management plan (SEMP) have been followed in running packages.</p> <p>Corrective or preventive action plans reflected in environment monitoring report and project implementation authority will take care of such actions as per requirement</p> <p><b>(Ref. Table 6: Compliance of Loan Covenants – Environment part)</b></p>	<p>Confirmed and Noted</p> <p>Since designs are being finalized zone-wise due to non-availability of OHR lands. SEMP and IEEs are also being finalized for the completed zones and submitted to ADB for approval. .</p> <p>With completion of full design and possession of OHR land, IEE will be updated further</p>	<p>All IEEs to be updated based on detailed design and location and accordingly Final IEEs to be submitted to ADB for approval.</p> <p>All cleared IEEs needs to be further updated if there is any change in design and location during implementation of the package.</p> <p>Submit SEMP to ADB for approval prior to start of works</p>	Noted
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Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
Human and financial resources to implement safeguards requirements (Schedule 5, Item 9)	<p>Budgetary provisions have been included in EMP</p> <p>Executive Engineer in-charge of Environment and Social Safeguard is in place in Project Management Unit heading Safeguard Monitoring Unit.</p> <p>At each PIU, an Assistant Engineer is given additional responsibilities of safeguard tasks and designated as Safeguard Officer (SO), Environmental and Social Safeguard Unit (ESSU)</p> <p>An Environment Specialist is in place within Project Management Consultancy (PMC)</p> <p>An Environmental Specialist of DSISC, for implementation of EMPs, is in place/ under placement for regular monitoring to secure complete compliance.</p> <p><b>(Ref. Table 1 and Table 6)</b></p>	<p>Confirmed / Noted</p> <p>[Ref. Table 5 of SEMR]</p>	<p>Training to be continued for EHS officer of contractors for preparation of SEMP and implementation of necessary corrective actions.</p>	Noted
Safeguards-related provisions in bidding documents and works contracts (Schedule 5, Item 11)	<p><b>Under compliance</b></p> <p>EMP, BOQ line items, reinstatement to pre-project conditions included in the contract agreement.</p> <p>(a) Approved draft IEE &amp; EMP are attached in bidding documents.</p> <p>In case of any change of scope, revised IEEs with EMP(s) will be prepared and corrective measures will be disclosed to the contractor and same will be reflected in the "Environment Monitoring Report".</p> <p>Budget has been allocated for EMP implementation and monitoring. Pre construction environmental monitoring results submitted by contractors for three packages {N 24P02A and 02B and N24P/01} of North 24 Pgs, where actual physical construction has started. Also pre construction monitoring has been done partially in other packages of BK/01, BK/02A, BK/02B, BK/03 and BK/04, where construction will be started shortly.</p> <p>(b) IEE includes budgetary provisions for implementation of EMP for all the packages.</p> <p>(c) During implementation of any project if additional impacts/risks arise due to change in scope/area that will be reflected in the revised IEEs, EMPs and Environment Monitoring Report and accordingly project Executing Agency will inform the Construction Contractor for taking relevant corrective measures. Till date no as such situation arises for the packages 02A and 02B of North 24 pgs which</p>	Noted and confirmed	Updated approved EE-EMP to be provided to contractors as contractual document.	Noted

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<p>are under implementation.</p> <p>(d) Haul roads have marked properly (by avoiding residential and agricultural land) before commencement of transportation of materials.</p> <p>(e) Pathways, and land which will be affected during implementation of the sub projects will be restored by concerned construction Contractor . Restoration status has reflected in post construction monitoring report.</p> <p><b>(Ref. Table 6: Compliance of Loan Covenants – Environment part)</b></p>			
Safeguards monitoring and reporting (Schedule 5, Item 12)	<p><b>Under compliance</b></p> <p>(a) Last semi-annual environment monitoring report submitted for the period November 2018- April 2019. Disclosure of that report – pending.</p> <p>(b) Present report (2<sup>nd</sup> SEMR) is for the period May to October 2019</p> <p>(b) During implementation of any project, if additional impacts/risks arise due to changes in scope/area, those will be reflected in revised IEEs and EMPs .Executing Agency (EA) will inform the ADB such change along with corrective action plan which will be reflected in the subsequent monitoring reports.</p> <p>(c) in case of any breach of compliance with the measures and requirements set forth in the EMP, EA will promptly inform ADB and suitable corrective action program will be planned/initiated.</p> <p>Till date no as such breach of compliance are observed.</p> <p><b>(Ref. Table 6: Compliance of Loan Covenants – Environment part)</b></p>	Confirmed.	<p>Semi Annual Environment Monitoring Report will be submitted as per schedule</p> <p>The next report will be due by end of April, 2020.</p>	Noted
Prohibited list of investments (Schedule 5, Item 13)	<p><b>Complied</b></p> <p>There is no violation of prohibited investment activities as per ADB SPS (2009) Appendix 5.</p> <p><b>[Ref. Table 6 of SEMR]</b></p>	Confirmed./Noted	None.	
Labor standards, health and safety (Schedule 5, Item 14)	<p><b>Under compliance</b></p> <p>Provision are included (as per EMP &amp; BID document) to carry out HIV/AIDS awareness programs for construction contractor, application of all relevant labour laws for health and safety including child labour law and engagement of local labours (preferably from economically backward group) covering women labours.</p>	. Confirmed./Noted	<p>Continue orientation to contractors regarding safeguards, OSH and core labor standards requirements</p> <p>In the next SEMR,</p>	A number of HIV/AIDS awareness workshops have been conducted for all Packages of North 24

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<p>No child labour engaged in the packages</p> <p>Labour license and health related WC policy for workers available for all the awarded packages where construction started or to be started</p> <p>HIV- AIDS training program conducted for 2 package -N 24 P/02 A and 02B</p> <p>Induction training continued for the awarded packages, where actual physical work started.</p> <p>In case of any breach of provision, necessary corrective measures as per contract clauses shall be taken.</p> <p>All activities including awareness programs are reflected in "Monitoring Report".</p> <p><b>(Ref. Table 6: Compliance of Loan Covenants – Environment part)</b></p>		<p>provide records of orientation activities on safeguards, HIV/ AIDS awareness program health and safety, and core labor standards.</p>	<p>Parganas. Sample awareness program is attached in Appendix 11 of SEMR.</p>
<b>E. Contractors Compliance with Environmental Safeguards Requirements</b>				
Appointment of Environment, Health and Safety (HSE) and/or nodal person	<p>Except one package (BK/02B), Environment, Health and Safety (EHS) officers have been <b>appointed in all 8 awarded packages</b></p> <p>Names and contact details of EHS officers, <b>are given in Table 8 of the SEMR</b></p>	<p>One EHS officer per project site/subproject package needs to be mobilized for better supervision and compliance with the SEMP.</p> <p>No work should start until an EHS/safety officer is engaged by the contractors</p>	<p>Expedite appointment of EHS officers at all awarded packages and ensure early mobilization at site</p>	<p>Noted Will do accordingly.</p>
Submission of Site-Specific EMPs	<p>SEMPs are being prepared zone wise based on completed designs only for North 24 Pgs packages till October 2019,</p> <p><b>Appendix 7</b> of SEMR, shows sample Site Specific EMP for one zone of North 24 pgs. SEMP for other zones where detailed design has been completed were submitted by the contractor and approved by the PIU and DSISC .</p> <p><b>(Ref.: Package wise EMP Implementation Status are given in Table 7)</b></p>	<p>Table 7 does not reflect the zones for which SEMP were prepared and submitted for approval</p>	<p>Table 7: Provide details of Zones for which SEMP were prepared and submitted</p> <p>For all awarded contracts, ensure SEMP are submitted to PMU/ADB prior to start of work. Provide details for all packages under implementation. If not yet submitted and works already started, corrective action plan is required – specify the date for submission and provide the written notice to contractor for</p>	<p>SEMP submitted zone wise for each package. Zone wise SEMP submitted status is provide in Table 3A. Prior to start of construction zone wise SEMP will be submitted</p>

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
Submission of SEMP implementation report ( <i>specify in comments frequency – daily, weekly, monthly or quarterly basis</i> )	Summary of Status of SEMP implementation report and Environmental Monitoring Activities for three Packages of North 24 Pgs are given in <b>Table 9 to 11 of SEMR</b> .	Submission of SEMP implementation report will be on monthly basis after start of construction work	such non-compliance  PMU to submit zone wise completed SEMP to ADB for approval. Until no works to be commenced.  PMU to also submit SEMR to ADB every June and December. Provide details for all packages under implementation. If not yet submitted and works already started, corrective action plan is required – specify the date for submission and provide the written notice to contractor for such non-compliance.	Noted. No work will start prior to submission/ approval of SEMP
Site verification by PMU, PIU, or consultants ( <i>verification report should be attached to the SEMR</i> )	Actual physical work has started for 3 packages of North 24 Pgs (02A, 02B and 01). Periodic monitoring of EMP implementation is carried through desk review of contractor's records and site inspections in three packages of North 24 Pgs .  Overall Compliance with Environmental Management Plan are given <b>Table 12</b> and status of Corrective measures, responsibility of implementation all mentioned in <b>Table 25 of SEMR</b> .	Pre-works condition recording and documentation should be conducted by contractor and verified by DSC/PMC and PMU.	Ensure pre-work reports to be submitted for all awarded packages. If not, indicate in the SEMR the target date of submission.  Ensure all sites are visited and reports submitted by contractors are verified on a regular basis.  PIUs should also be involved in making sure corrective actions are implemented by the contractors and supervising the works to avoid recurrence of non-compliances	Noted and will be complied
SEMR compliance matrix on mitigation measures implementation (matrixes are based on approved SEMP)	Zone wise SEMP submitted by the contractors for N 24 Pgs/01, N24pgs/02A and N24pgs/02B packages are mentioned in SEMR. Updation of SEMP are under progress.  Sample SEMP and compliance status are enclosed in	Contractors should submit SEMP for rest of the packages before start of actual physical work	In next SEMR attach compliance matrix based on approved SEMP and Environmental Monitoring status for all	Noted

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	SEMR and summary of application of mitigation measures and Environmental monitoring status of 3 North 24 Pgs packages are included in <b>Table 9 to 11</b> .		awarded on-going packages	
Other information			-	-
<b>F. Environmental Monitoring based on EMP</b>				
Rationale	Environment Specialists from DSISC and PMC carried out periodic monitoring of EMP implementation through desk review of contractor's records and site inspections. Sample site inspection report and application of EMP as prepared by contractor/DSISC is shown in <a href="#">Appendix 8 and 9</a> . Package wise findings for running packages where physical work started are presented in <a href="#">Tables 9 to 11</a>	Environmental monitoring were conducted in 2 awarded packages of N 24 Pgs (N24P/02A & N24P/02B) and Bankura to establish baseline and pre-works condition.  SEMPs include environmental monitoring program: specific locations (GPS coordinates), parameters, frequency, sampling maps, Internationally accepted sampling and analysis methodologies and applicable standards.	In the next SEMR, provide SEMP's showing the environmental monitoring program for all on-going packages.	Noted. To be continued
Parameters to be monitored are commensurate to the impacts, mitigation measures, and project/subproject/package	Critical sampling locations like religious places, educational institutions, health institutes and any protected areas are considered.  SEMR includes environmental monitoring program : specific locations (GPS coordinates), parameters, frequency, sampling maps, Internationally accepted sampling and analysis methodologies and applicable standards.  Site selection matrix are available in <a href="#">Section VI B. of SEMR</a>	<a href="#">Provide justifications on selection of "critical locations."</a>  Frequency of sampling , number of locations and parameters should be as per EMP .	In the next SEMR, provide environmental monitoring program for all on-going packages.  The Google earth maps showing the monitoring locations are illegible , provide clear image in A4 size	Noted.  SEMR is revised accordingly
Sampling locations identified and appropriate	Selection of base line monitoring sites done considering representative location covering different zones.for 4 packages  GPS Coordinate of sampling locations are available in SEMR  ( <a href="#">Ref Table 16A, B and C; 17A, B, C</a> ). Google map showing sampling locations are provided in <a href="#">Section VI B. of SEMR</a>	Provide justifications how these sampling locations are selected	In the next SEMR, provide environmental monitoring program for all on-going packages.  Provide general description of the sampling sites  The Google earth maps showing the monitoring locations are illegible , provide clear image in A4 size	Noted and to be continued
Sampling frequency identified and appropriate	Sampling frequency has been mentioned in <b>Tables 14A, 14B, 15 A to 15D</b> , which are as per monitoring plan of	<b>Sampling frequency and monitoring is not as per EMP</b>	SEMR should include specific schedule.	Already included in present SEMR



Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	approved IEEs.	provisions for Bankura packages	Frequency of sampling, number of locations and parameters should be according to EMP guidelines	Table 14A-B and 15 A- D For Bankura base line monitoring started package wise. Monitoring location selections continued as per progress of design. Monitoring will be done for base line and during construction as per provision of Monitoring plan, as included in IEE.  Results will be reflected in next SEMR
Sampling collection and analysis are in accordance with internationally-accepted practices	National level Central Pollution Control Board's (Govt. of India) guideline/protocol used for sampling. INDIAN STANDARD (IS 5182) and USEPA CFR 40 (International protocol) used for analysis.  <b>Details are included in Section VI C of SEMR</b>	<b>Noted</b>	Environmental monitoring program should specify sampling methods and analysis of parameters for all packages. These should be in line with internationally-accepted practices as required by ADB SPS.	Mentioned in SEMR [Section VI-C]
Standards and performance indicators are compliant with ADB SPS requirements <sup>4</sup> (provide justification if less stringent standards are used)	CPCB (Govt. of India National standard) and BIS standards were compared with the monitoring results . Also, air quality results were compared with WHO standards . Background concentration of level of different parameters are already high and above the limit at different locations.  <b>[ Ref. Appendix 10; Section II : Monitoring of</b>	Noted	Provide graphical presentations (bar/pie chart) of analytical results comparing with applicable Standards in SEMR	Will be done in Next SEMR when substantial monitoring data will be generated for all the packages and

<sup>4</sup> ADB SPS (Appendix 1 para 33) requires projects to apply pollution prevention and control technologies and practices consistent with international good practices as reflected in internationally recognized standards such as the World Bank Group's Environmental, Health and Safety Guidelines (<https://www.ifc.org/ehsguidelines>). These standards contain performance levels and measures that are normally acceptable and applicable to projects. When host country regulations differ from these levels and measures, the borrower/client will achieve whichever is more stringent. If less stringent levels or measures are appropriate in view of specific project circumstances, the borrower/client will provide full and detailed justification for any proposed alternatives that are consistent with the requirements presented ADB SPS.

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<a href="#">Environmental Impacts on project surroundings]</a>			comparison will be done for monitoring data generated during construction in reference with base line monitoring data
<b>G. Environmental monitoring results (narrative based on presented results)</b>				
Visual inspection ( <i>refer to EMP tables in the IEE where visual inspections are required to determine if there are environmental impacts</i> )	Till the report submission period work has started only in 3 packages where visual inspection carried out as per EMP . Monitoring will be started for other awarded packages after start of actual physical work. <a href="#">Appendix 8</a> shows sample site observation checklist. Sample copy of detail monitoring checklist for EMP implementation continued weekly- monthly basis, attached as <a href="#">Appendix 9 of SEMR</a>	SEMP must specify mitigation measures which will be monitored through visual inspection.	In the next SEMR, provide SEMP's for other zones showing the mitigation measures that will be monitored through visual inspection.	Noted
Air quality results	Base line air quality monitoring conducted for 6 packages as a part of pre-construction stage and during construction for 2 packages. <b>North 24 pgs:</b> For all the three subprojects, PM <sub>10</sub> and PM <sub>2.5</sub> results during constructions are found to be exceeding the limits prescribed in National Ambient Air Quality Standard as well as WHO. Although, CO, SO <sub>2</sub> and NO <sub>2</sub> concentration levels –typically emitted due to combustion of fossil fuels – were all found within the prescribed National standard. Concentration of NO <sub>2</sub> is just below the WHO standard.. <b>Bankura:</b> PM <sub>10</sub> and PM <sub>2.5</sub> concentrations are found to be within the limits prescribed in National Ambient Air Quality Standard as well as WHO, except for package BK/01, where concentration of PM <sub>10</sub> above the limit for both WTP and GLSR locations. Although, CO, SO <sub>2</sub> and NO <sub>2</sub> concentration levels –typically emitted due to combustion of fossil fuels – were all found within the national prescribed limits as well as WHO limit. <a href="#">[Ref. Appendix 10; Section VI : Monitoring of Environmental Impacts on project surroundings]</a>	During construction period contractors should follow mitigation measures for controlling air quality in and around the project locations.  <b>Sampling frequency and monitoring numbers/locations are not as per EMP provisions for Bankura packages</b>	Dust suppression during construction work by sprinkling of water is required . In SEMR include contractors' dust suppression reports.  Conduct monitoring and analysis for all packages where work is in progress /contract is awarded. .  Ensure that Frequency of sampling , number of locations and parameters should be as per EMP.	In SEMR dust suppression situation mentioned in Section IV. C  Noted and ensured.
Water quality results	Surface water quality monitoring carried out for 2 packages of North 24 pgs and ground water analysis for 3 packages under Bankura subprojects . <b>North 24 pgs:</b>	Need to conduct water quality testing of all sources and water bodies which will be impacted (or potential to be impacted) by the packages.	Conduct monitoring and analysis for all packages where work is in progress /contract is awarded. ..	Noted and ensured.

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<p>Surface water parameters are found to be well within their respective limits of CPCB in all samples, except for BODI.</p> <p><b>Bankura: Drinking water</b></p> <p>Drinking water parameters were within the prescribed limit of BIS 10:500 (2012) except for one sample (<b>Package 04</b>) where concentrations of Iron, TDS, Hardness, Chloride are above the desirable limit but below the permissible limit. Calcium is found to be above the permissible standard.</p> <p><b>[Ref. Appendix 10; Section VI : Monitoring of Environmental Impacts on project surroundings]</b></p>	<p><b>Sampling frequency and monitoring numbers/locations are not as per EMP provisions for Bankura packages</b></p>	<p>Ensure that Frequency of sampling , number of locations and parameters should be according to EMP.</p>	
Noise level results	<p><b>North 24 pgs:</b></p> <p>High noise levels were observed near some sensitive locations like school during day time.</p> <p><b>Bankura:</b></p> <p>Base line noise levels at all the locations were within the limit. Mitigation measures will be applied during construction period as per site condition.</p> <p><b>[Ref. Appendix 10; Section VI : Monitoring of Environmental Impacts on project surroundings]</b></p>	<p><b>Sampling frequency and monitoring numbers/locations are not as per EMP provisions for Bankura packages</b></p> <p>Need to conduct noise level at priority locations where there are noise-producing activities or near areas with sensitive receptors</p>	<p>During construction period contractors should follow mitigation measures for controlling noise level in and around the project locations.</p> <p>Provide noise level measurements in all project sites of all other packages.as per EMP guidelines</p> <p>Ensure that Frequency of sampling , number of locations and parameters should be according to EMP</p>	Noted and ensured.
Others				
<b>H. Consultations and/or FGDs during the reporting period</b>				
Number	<p>FGD, public consultation is a continuous process. Approx. 50 Local level consultation in last 6 months carried out on . .</p> <p>FGD- 9 nos.</p> <p><b>[Ref. Appendix 17 &amp; 18]</b></p>	<p>Along with photos and attendance sheets of consultation and FGD also attach minutes capturing the issues/concerns raised by the attendees in the SEMR.</p>	<p>Provide the number of affected people that participated in the consultations.</p> <p>Ensure that participants are project-affected people.</p> <p>As per approved IEE, meaningful consultations and disclosures will be a</p>	<p>There is no as such affected people from environmental issues. Rest has been done under social monitoring report</p> <p>Noted</p>

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
			continuous process throughout project implementation	
Reason/s for consultations/FGDs	<p><b>Main issues</b>  Awareness, benefits of project, how the project will work, Labours' safety, community safety, housekeeping, Grievance Redress Mechanism, Operation and maintenance, register complain/suggestions/comments/questions, Roles &amp; responsibilities of VWSC, Gender &amp; livelihood aspect</p> <p>[Ref. Appendix 17 &amp; 18]</p>	<p>Along with photos and attendance sheets also attach minutes capturing the issues/concerns raised by the attendees in the SEMR .</p> <p>Ensure that participants are project-affected people and not just the consultants and project team.</p>	Meaningful Consultations to be carried out throughout the project period and as per agreed plan	Noted
Number of participants	<p>Public consultation – about 300 nos.  FGD- 240 nos,</p> <p>[Ref. Appendix 17 &amp; 18]</p>	<p>Noted</p> <p>Ensure proceedings, attendance sheets, and Q&amp;A are recorded</p>	Ensure consultations and safeguards orientation trainings in other packages once contract is awarded	Yes. Noted
Number of <b>female</b> participants	About 30% female participants	<p>Noted</p> <p>Ensure proceedings, attendance sheets, and Q&amp;A are recorded</p>	Ensure participation of more female participants	Noted
<b>I. Trainings, Workshops, Seminars during the reporting period</b>				
Number	<p>Details of Training and workshop for PMU; North 24 pgs contractor, PIU, DSISC mentioned in SEMR</p> <p>One Workshop conducted by PMC at Banura PIU office  One Workshop conducted by ADB consultants at North 24 pgs, Bankura and East Mednipore</p> <p>Training – Monthly basis at site by DSISC (Appendix 11 sample training document)</p> <p>[Ref. Appendix 18]</p>	Noted	<p>Ensure consultations and safeguards orientation trainings in other packages. once contract is awarded</p> <p>Ensure participation of more female participants</p>	Noted
Topics	<ul style="list-style-type: none"> <li>Training on First aid, HIV-AIDS, safety, application of EMP</li> <li>Workshop topics as arranged by PMC</li> <li>- Orientation on Environment Safeguard Requirements and Application of Environment Management Plan (EMP)</li> <li>---Environment, Health &amp; Safety (EHS) Management: HSE Information for Work Front</li> <li>Safeguard Implementations and Monitoring by ADB Consultants</li> </ul> <p>[Ref. Appendix 18]</p>	<p>Topics included :</p> <ul style="list-style-type: none"> <li>ADB SPS</li> <li>Environmental assessment</li> <li>Risk assessment</li> <li>Developing SEMP's</li> <li>OHS</li> <li>Core Labor Standards</li> <li>Conducting Meaningful Consultations</li> <li>Grievance redressal</li> <li>Monitoring</li> <li>Reporting</li> <li>Corrective Actions</li> </ul>	<p>Training program to be conducted for project managers and Safeguards expert of contractors for other packages once contract is awarded.</p> <p>Properly documented and include in succeeding SEMRs. DSISC and PMC to submit training program and include in the next SEMR.</p>	<p>Sample training program document included in SEMR.</p> <p>Noted and to be continued</p>

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
Number of participants	<b>In workshop – 96 +17= 113 nos</b> Public consultation – about 300 nos. FGD- 240 nos, <a href="#">[Ref. Appendix 18]</a>	Ensure proceedings, attendance sheets, and Q&A are recorded	In the next SEMRs, included training proceedings.	Noted
Number of <b>female</b> participants	<b>15% female</b> participants	Noted	Ensure participation of more female participants in future consultations	Noted
<b>J. Grievance Redress Mechanism</b>				
GRM per PAM or IEE/EARF established	GRM per PAM or IEE/EARF established for N24 Pgs and Bankura <a href="#">Appendix 14 of SEMR</a>	Noted	Expedite establishment of GRM at East Medinipur district	Instructions already given to PIU of East Medinipur
GRM notified via publication or notice boards	<b>Yes.</b> Published through Govt. Notification for N24 Pgs and Bankura <a href="#">Appendix 14 of SEMR</a>	Noted	Expedite establishment of GRM at East Medinipur district	Instructions already given to PIU of East Medinipur
GRM members identified	<b>Yes</b> <a href="#">Details available in Appendix 14</a>	The GRC must have at least two women members	Confirm in next SEMR the member of the GRC.	Noted
GRM members have capacity to address project-related complaints ( <i>detailed information on capacity development of GRM members such as trainings, workshops, briefings, etc should be attached in the SEMR</i> )	Till date all issues are minor and resolved at field level by contractors. <a href="#">Appendix 16 of SEMR</a>	Noted	Ensure that complaints should be resolved by contractor at local level within 7 days of receipt of complaint	Till report period all complaints resolved by contractor within 1 or 2 days
Number of meetings conducted ( <i>attach minutes of the meeting</i> )	Informal meeting conducted.  Shortly committee meeting will be conducted	Confirm if meetings are only held if there are complaints/grievances	Include information on GRC meeting schedule. If meetings are not regularly held, clarify in the SEMR what triggers GRC meetings.	GRC meeting will be conducted shortly. There is no as such major issues arise during implementation of the project
<b>K. Complaints Received</b> ( <i>detailed information on nature of complaints, summary and status of resolution</i> )				
Number of complaints	44 nos of complaints received till October 2019. Complaints	Noted	Complaints should be	Noted



Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	received and action taken to resolve are mentioned in the SEMR.  <b>Refer.: Appendix 16 of SEMR</b>		resolved by contractor at local level within 7 days of receipt of complaint	
Nature (provide summary of issues/concerns)	Compliant details are included in the <b>Appendix 16</b> of SEMR <b>Main Issues are,</b> <ul style="list-style-type: none"> <li>• Generation of dust and requirement of dust suppression</li> <li>• Filling up trenches at earliest</li> <li>• Requirement of removal of excess soil from the road</li> <li>• Water logging</li> <li>• Non availability of wooden/ metal platform for crossing of trenches</li> <li>• Non availability of access</li> <li>• Non availability of caution tape, barricade at work site</li> </ul>	Noted	Complaints should be resolved by contractor at local level within 7 days of receipt of complaint.	. Noted
Status of resolution	Complaints resolved by contractor at local level during same day of complaints recorded	Noted	Complaints should be resolved by contractor at local level within 7 days of receipt of complaint.	Noted
<b>L. Summary of Issues and Corrective Actions</b>				
Major issues/concerns (specify)	Major issues/concerns are mentioned in Table 25 of SEMR <ul style="list-style-type: none"> <li>• Facilities in the worksite should include an office and toilet for workers <b>(For package N 24 pgs/02A and 02B)</b></li> <li>• Facilities in the construction camps, especially sleeping arrangements, toilet facilities, provision of drinking water and fuel for cooking, waste and wastewater management needs to be improved <b>(For package N 24 pgs/02A and 02B)</b></li> <li>• The ICDS functioning inside Zone 17: Shalipur pose risk to the children in terms of high noise and accidents <b>(For package N 24 pgs/02A)</b></li> <li>• Use of PPEs e.g. safety shoes and goggles should be ensured at all sites especially for activities like concrete braking. <b>(For package N 24 pgs/02A and 02B)</b></li> <li>• Barricading and caution tapes should be put along pipeline trenches at all pipeline laying sites. <b>(For package N 24 pgs/02A and 02B)</b></li> <li>• Access should be provided in front of residences and commercial establishments during pipeline trenching. <b>(For package N 24 pgs/02A and 02B)</b></li> <li>• The pit latrines installed at Zone 10 and 13 of Bhargar – II Block as well as in WTP site of Subproject may cause faecal coliform contamination to groundwater <b>(For package N 24 pgs/01 and 02B)</b></li> </ul>	<p><b>Table 25</b> provides the recommended corrective action plan that has been devised and target dates that have been set so as to remove these non-compliances. The concerned Contractors have been suitably advised. Contractors have also been advised to provide written commitment for implementation of corrective action plan.</p> <p>Closely monitor implementation of corrective actions. Strictly implement health and safety requirements (project consultants should verify on-site and do random checks)</p> <p><b>Target date : 31st December 2019</b></p>	<p>In the next SEMRs, include compliances done by contractor within 31st December 2019 and status to be reflected in next Semi-Annual Environment Monitoring Report. Table</p> <p>Target dates of compliance should be shared with contractors by PMU/DSC and reported in subsequent SEMRs</p> <p>Corrective actions should be complied within 15 days from date of issue.</p> <p>-</p>	Noted. Will do accordingly

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
Corrective Action to be implemented, timeline, responsible person/s, and budget are clearly specified	Action plan, target date, budget and responsibility of implementation, budget and monitoring mentioned in <b>Table 25 of SEMR</b>	-Ensure no works will be conducted without the SEMP and verified by PMU in other packages. In next SEMR, provide detailed information on corrective actions. If not fully complied, provide written notification and deadlines to contractors	In the next SEMRs, include compliances done by contractor within 31st December 2019 and status to be reflected in next Semi-Annual Environment Monitoring Report. Target dates of compliance should be shared with contractors by PMU/DSC and reported in subsequent SEMRs	Noted. Will do accordingly

#### M. Status of Corrective Action Plan from Previous Reporting Period (list all and provide status)

**Table 26** lists the implementation status of corrective actions in work sites during November 2018 – April 2019 report period . Some issues are partially complied and further actions required.

- **Comments:** Statement given in Para 92 and 93 with regards to Table 25 and 26 are contradictory. Please check and clarify.
- **Response by PMU :** Corrected accordingly in updated SEMR

#### N. Appendixes

Photos included?	Yes- <a href="#">Appendix 1</a>	Noted	None	-
Summary of consultations included?	Yes- <a href="#">Appendix 17 and 18</a>	Noted	Attach summary of consultations for other packages where work is in progress in next SEMR.	Noted
Copies of environmental clearances and permits included?	No Environment clearance required Tree felling NOC, NOC from Sundarban Biosphere Reserve obtained and included as Appendix in SEMR  <b>APPENDIX 5:</b> NOC RECEIVED AND APPLICATION TREE FELLING NOC..... <b>APPENDIX 6:</b> NOC FROM SUNDARBAN BIOSPHERE RESERVE	Noted	Renewal of permits to be done based on requirements. Attach all clearances and permits for other packages where work is in progress in next SEMR.	Noted
Site EMPs (attach sample?)	Yes- one sample copy along with spoil management and traffic management plan attached as <a href="#">Appendix 7</a>	Noted	Contractor to submit site specific EMP for all awarded packages to PMU and ADB before start of any works and the same should be attach in next SEMR	Noted
Checklists?	Site observation checklist sample copy attached as <a href="#">Appendix 8,</a>	Noted	Attach all checklists for other packages where	Noted

Item	Findings in the SEMR	Comments	Action/s Required	Response by PMU
	<a href="#">EMP implementation checklist in Appendix 9</a>		work is in progress in next SEMR.	
Others	<p>WC policy, labour license, PUC sample copy, Monitoring result certificates, medical tie up and health check-up record, training document, workshop minutes, GRC notification, first aid records, grievance records etc. included in <a href="#">SEMR Appendices</a></p> <p><b>Appendix 2: sample puc certificates</b>  <b>Appendix 3: labour license</b>  <b>Appendix 4: scanned copy of contractor's insurance for workers and all risk policy</b>  <b>Appendix 11: field level trainings conducted during reporting period</b>  <b>Appendix 12: sample accident / first aid record</b>  <b>Appendix 13: tie up letter with hospital and medical health check up for workers</b>  <b>Appendix 14: grc notifications and committee</b>  <b>Appendix 15: sample grievance registration form</b>  <b>Appendix 17: public consultation at field level</b>  <b>Appendix 18: detail of the environment safeguard workshop</b>  <b>Appendix 19: focus group discussion – environment &amp; social</b></p>	Noted	<p>Renewal of permits to be done based on requirements.</p> <p>Attach all clearances and permits for other packages where work is in progress in next SEMR.</p>	Noted

#### O. Review and clearance for disclosure

<b>Reference</b>		
	<b>Name</b>	<b>Date</b>
<b>Reviewed by</b>	<b>ANIK AJMERA</b>	<b>15 February 2020</b>
<b>Noted by</b>		
<b>Response to ADB comments by:</b>		
<b>Status/Remarks</b>	1. Recorded as submitted	<b>18<sup>th</sup> December 2019</b>
	3. Revised SEMR and response to log sheet submitted by PMU	<b>29<sup>th</sup> January 2020</b>
<b>Cleared for Disclosure</b>	2. Send comments to PMU	