

Government of West Bengal
Department of Panchayats and Rural Development
Jessop Building (1st Floor), 63 Netaji Subhash Road
Kolkata-700001

No.1997-RD/O/DPF/1E-1/2009

25.03.2010

ORDER

The issue of developing a set of procedures and mechanism to ensure that the environmental and social considerations are integrated into the planning of Gram Panchayats was being considered by the Government in the Panchayats and Rural Development Department.

After taking into account the experiences of planning at Gram Sansad and Gram Panchayat level and holding consultations with all stakeholders including members of Civil Society, Panchayat functionaries etc. an Environmental and Social Management Framework (ESMF) have been developed, which will be applicable to all the Gram Panchayats in the state with immediate effect.

The principles laid down in the ESMF will have to be adhered to by all Gram Panchayats at the time of preparation, implementation and monitoring of plans and schemes.

Issued by order of the Governor,

Sd/-
(M.N. Roy)
Principal Secretary to the
Government of West Bengal

No.1997/1(76)RD/O/DPF/1E-1/2009

25.03.2010

Copy along with enclosure forwarded for information and necessary to

1. The Commissioner, Panchayat & Rural Development Department, West Bengal.
2. The Director, SIPRD, Kalyani, Nadia.
3. The Sabhadhipati, Zilla Parishad (All).
4. The District Magistrate,(All).
5. The Additional Executive Officer, Zilla Parishad (All).
6. The Private Secretary to the Hon'ble MIC, Panchayats & Rural Development Department, Government of West Bengal.
7. The Private Secretary to the Hon'ble MOS, Panchayats & Rural Development Department, Government of West Bengal.
8. The District Panchayats & Rural Development Officer,(All). He is requested to circulate the copy of this order to all Sabhapatis of Panchayat Samitis, Block Development Officers and Pradhans of Gram Panchayats for compliance.

Sd/-
Joint Secretary to the
Government of West Bengal



**ENVIRONMENTAL AND SOCIAL MANAGEMENT
FRAMEWORK (ESMF) FOR GRAM PANCHAYATS
OF
WEST BENGAL**

Government of West Bengal
Panchayats & Rural Development Department
Jessop Building, 63 Netaji Subhas Road
Kolkata-700001

ENVIRONMENTAL AND SOCIAL MANAGEMENT FRAMEWORK (ESMF) FOR GRAM PANCHAYAT

1. BACKDROP

Panchayat as local Government plays a pivotal role in covering almost all the aspects of rural life and livelihoods. Over the years, role of Panchayat and related institutions in West Bengal have been clearly recognized as the most dependable vehicle for inclusive rural development. However, there exists significant scope for improvement. The State Government in the Panchayats and Rural Development Department has been trying to improve quality of local Governance through various initiatives for institutional strengthening and capacity building for the Panchayat bodies. For this, special emphasis has been given to improve service delivery through Gram Panchayat, to ensure more transparency and accountability in Gram Panchayat (GP) functioning and to increase participation of all sections of the rural community in Gram Panchayat planning and overall sustainable local development process. For sustainable development, importance of mitigating environmental degradation along with ensuring inclusive development within the ambit of GP activities has become significant as the spectrum of activities mandated to GPs getting enhanced over time. It has become necessary that activities of Gram Panchayats to be conceived and carried out keeping in mind the importance of minimising harm full impact on environment and social structures and maximising accrual of benefits to the highly vulnerable social groups. A study was also commissioned by the Panchayats and Rural Development Department, Government of West Bengal, to assess the existing GP planning process and existing mitigating measures through which environment and social safeguard issues are being addressed at the GP level.¹ Under this backdrop, Government of West Bengal in Panchayats and Rural Development Department has decided to develop and put in practice an Environment and Social Management Framework (ESMF) for activities to be taken up by the Panchayats. Application of this framework will require adequate capacity building and resources. Also, the works normally taken up by the Gram Panchayats have usually the least adverse impact on the environment and the society. Therefore, this framework is conceived and going to be applicable in the context of activities taken up by Gram Panchayats for the present. The said framework will be complied with by the GPs in all their activities to ensure environmental and social safeguards along with protection of interest of the socially vulnerable groups to facilitate inclusive development. The State Government intends to extend the applicability of this frame work to all other tiers of Panchayats using the experiences and lessons to be learnt from implementation of this framework.

2. THE ENVIRONMENTAL AND SOCIAL MANAGEMENT FRAMEWORK (ESMF)

The Environment and Social Management Framework (ESMF) has been developed in order to address the environmental and social issues that may arise as a result of the infrastructure development and service delivery activities taken up by the GPs. Since the GP activities are likely to be comparatively small in size, cover a range of sectors (water supply, rural roads, land development, etc.), and are likely to have only limited manageable impacts, a Framework approach has been adopted. The Environment and Social Management Framework (ESMF) provides a set of procedures and mechanism to ensure that the environmental and social considerations are integrated into the planning process of GPs.

¹ The study was commissioned by P&RDD with support from Department for International Development , Government of UK and conducted by TARU, Gurgaon, India

Once implemented, activities that have the potential to cause damage to the environment including eco-system and social structure cannot be taken up by the GP without proper approval from the concerned departments. In other words, the frame work is to be adhered to by the GP under its regular local development planning and implementation process to ensure ecological balance and participation of disadvantaged and vulnerable social groups.

2.1 Why ESMF?

In many instances, short term gains influence decision making at the local level that results in activities causing damages to the environment and vulnerable social groups in the long run which goes against the overall development objectives. Critical issues like safeguards for environment and protection for vulnerable social groups need to be seriously considered while taking up any developmental activities. For example, at the GP level, this safeguard issues can be effectively addressed during the planning process itself. In nutshell, adherence to policies related to ESMF will create an enabling environment at the GP level for taking up more environment friendly and socially inclusive development activities.

2.2 The objectives of ESMF:

- Ensure integration of environmental and social safeguards into the planning process at the GP level.
- Describe the procedures to ensure compliance with the applicable regulatory and policy obligations.
- Describe the roles and responsibilities of the concerned institutions and the capacity building requirements to enable effective management of the potential environmental and social impacts.

2.3 Salient features of key principles related to ESMF

- Before taking up any activity, GP will consider its impact on the environment and will not include it in GP plan if it has potential to damage the environment in any way. If the activity is absolutely necessary for local development and overall well being of the local residents and has to be carried out, GP will take necessary actions required for environmental safeguards in consultation with the concerned line Department to prevent environmental degradation.
- Similarly, GP will not initiate activities that have potential to damage interest of the local disadvantaged and vulnerable social groups including Scheduled Tribes. Such activities can only be implemented with an additional built in safeguard mechanism for these vulnerable groups.
- No activities likely to cause damage to local culture, religious interest or historical monuments can be taken up. Similarly, no infrastructure can be built in coastal zones and protected forest areas.
- Strict prohibition on use of child labour in any activities.
- Use of banned pesticides cannot be promoted and initiatives will be made to stop usage of those pesticides by the farmers.

GPs will pay special attention to the above mentioned issues while planning for activities to be financed under Central or State Government resources or GP's own source revenues. The overall GP plan needs to be analysed in order to determine its adherence to the ESMF.

2.4 The ESMF includes:

- Environmental and Social Assessment procedures:
 - An environmental and social screening
 - An environmental and social review
- Institutional arrangements
- Capacity building strategy
- Monitoring strategy
- Disclosure requirements

3. Description of ESMF

3.1 ENVIRONMENTAL AND SOCIAL ASSESSMENT PROCEDURES

3.1.1 Screening of Activities

Purpose

The screening process is the first step in the ESMF process. The purpose of screening is twofold:

- (a) To ensure that activities that are likely to cause significant negative environmental or social impacts are not supported
- (b) To ensure that all supported activities are in accordance with the laws, regulations of the Government

Responsibility for Screening

GP (Executive Assistant and *Nirman Sahyak*, as technical person *will be responsible to carry out the task on behalf of GP*) will undertake the Environmental Assessment i.e. the Screening (using Format A) and Environmental and Social Review (using Format B) as part of the technical preparation work for activities. However, while the screening may be done by the GP (*Nirman Sahayak*), for the Environmental and Social Review concerned *Upa-Samiti* needs to be consulted depending on the activity being assessed: Agriculture and Animal Resources; Education and Public Health; Infrastructure and Industry etc.

Timeline for Screening

The screening will be part of the GP planning process. The planning starts at Garm Sansad level by Gram Unnayan Samiti forwarding/ suggesting activities to be taken up by the Gram Panchayat. Based on the GS plans, the *Upa-Samitis* of GP consolidating all the GS plans and prioritising their suggestions/ recommendations for taking up other activities at the Gram Panchayat level make their sector wise plans. The *Artha O Parikalpana Upa-Samiti* then formulates the draft GP plan based on the GS plans and the sector wise *Upa-Samiti* plans.

While preparing the draft integrated GP plan, the actual prioritisation for undertaking various activities based on resource envelopes suggested to GPs comes in play.

Hence, the screening is to be done at the time when draft GP Plan is ready and a draft final set of activities for the GP has been identified. The *Artha O Parikalpana Upa-Samiti* will ensure that the Gram Sansads have adequate orientation to the environmental and social safeguards in the ESMF so that the Gram Sansad plans are in alignment with these.

The Screening Process

The screening will be done using **Format A**. Each activity in the Draft GP Plan will be checked against the Format A to ensure that none of the activities are on the negative list. In case an activity in the Draft GP Plan features on the Format A, it will be changed (to a form that is in compliance with the requirements) or dropped.

3.1.2 Environmental and Social Review of Activities

The purpose of Environmental and Social Review is to ensure that necessary measures are identified to mitigate any adverse environmental or social impacts arising out of GP activities planned. The Environmental and Social Review of the proposed GP activities in the Draft GP plan will to be carried out by GPs using **Format B** as part of the technical preparation work for activities. While doing the Environment and Social Review, concerned *Upa-Samitis* such as *Krishi O Pranisampad Bikas; Shiksha O Janaswasthya; Shilpa O Parikatham* need to be consulted depending on the type of activities being assessed.

In case the Format B does not list the specific activity being taken up, the Environmental and Social Review will be undertaken with support from the relevant line department using the Format C.

In cases where there is likelihood of any adverse environmental impact (as identified by the Format B), GP shall consult the case with the concerned District authorities for decision on dropping the activity or commissioning a detailed assessment by a qualified expert (from the relevant line department or academic institution or NGO). In case a detailed assessment is commissioned, the recommended mitigation measures will be integrated into the design/plan of the activity.

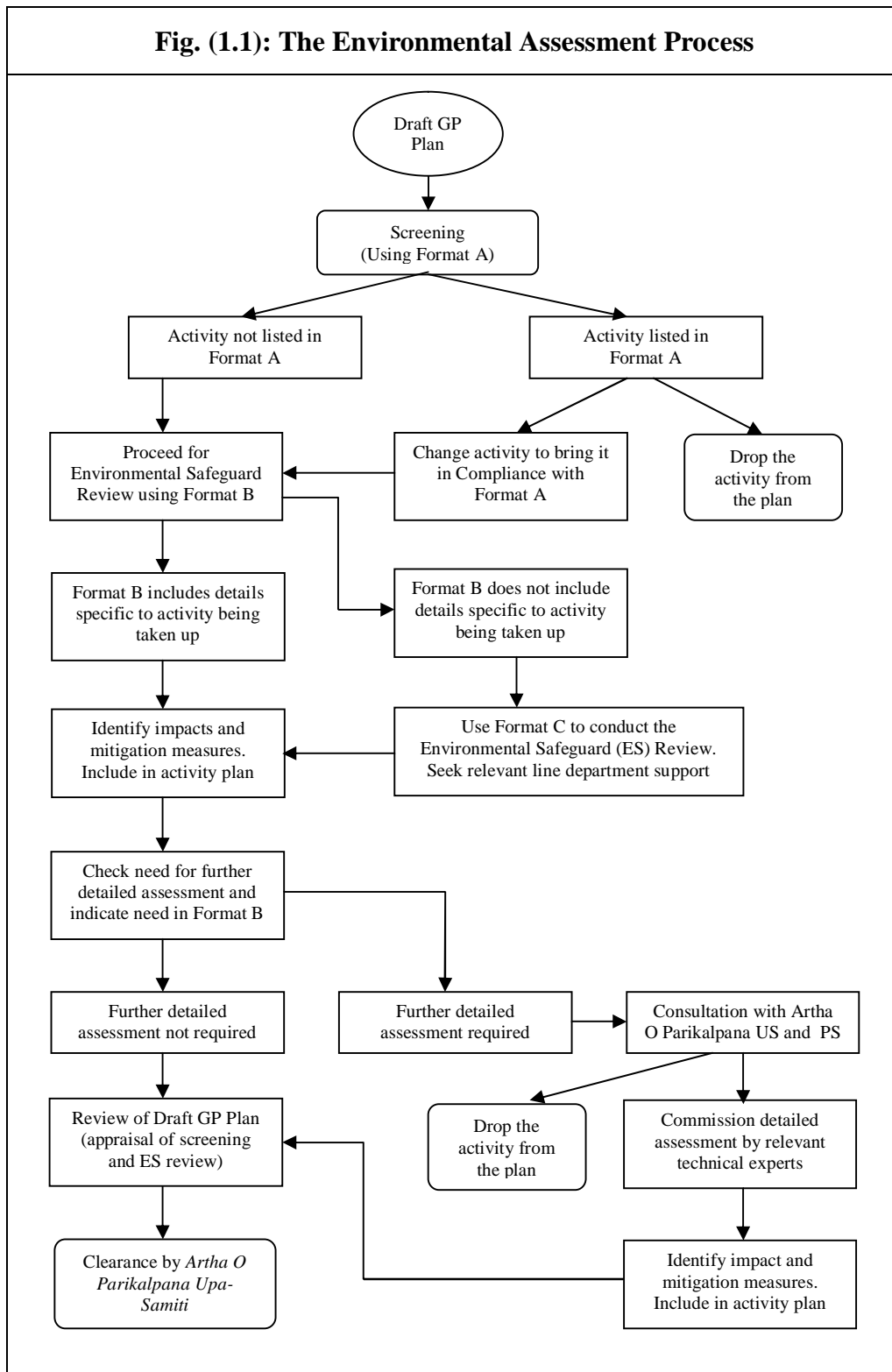
3.1.3 Environmental Assessment Procedures

The technical review of the draft GP plan will be done by the GP. Executive Assistant and Nirman Sahayak will be responsible for carrying out this review. Gram Panchayat may form a team with elected representatives and government officials with Executive Assistant / Nirman Sahayak as the team leader for this purpose. The findings of this review will be placed before the *Artha O Parikalpana Upa-Samiti*, which will take decision for further action in this regard. The review team checks

- (a) if any activity in the Draft GP Plan features in the Format A
- (b) if the Environmental and Social Review of activities has been done
- (c) if there is a need for referring any activity to the District authorities for further detailed assessment.

Only after the necessary action taken as per its recommendations, the Draft GP Plan will be placed before the *Artha O Parikalpana Upa-Samiti* for environmental and social clearances.

Figure 1 presents the steps to be followed for Environmental Assessment (including screening and environmental review) and clearance.



3.2 ROLES AND RESPONSIBILITIES FOR IMPLEMENTING ESMF

The overall responsibility of implementing ESMF will lie with Gram Panchayats. At the District level, the Additional Executive Officer of Zilla Parishad and at the block level Block Development Officer will be in charge of ESMF implementation including monitoring and supervision. At GP level, *Artha O Parikalpana Upa-Samiti* will be responsible for providing environmental and social clearances as per ESMF. Gram Panchayat employees will provide necessary support for effective implementation of ESMF.

3.2.1 Institutional Roles and Responsibility for ESMF Implementation

At the GP level, the *Artha O Parikalpana Upa-Samiti* has the overall responsibility for ESMF implementation– ensuring that the Environmental Assessment is done for the draft GP plan, identified mitigation measures are integrated into the final GP plan and are implemented. This sub-committee will also ensure that the Gram Sansads (GS) have adequate orientation to the environmental and social safeguards in the ESMF so that the GS plans are in alignment with these.

TABLE (1): ROLES AND RESPONSIBILITY FOR ESMF IMPLEMENTATION		
Institution/ Individual	Roles	Responsibility in Implementing ESMF
At District Level – AEO, Zilla Parishad will be responsible for overall implementation of ESMF at district level	Overall implementation of ESMF in the district	<ul style="list-style-type: none"> • Overall responsibility of implementation of ESMF including coordination with line departments and Zilla Parishad • Coordinating and ensuring that all capacity building requirements of the ESMF are met on a continuing basis • Ensuring that all policy, strategy and planning documents have a reference to the ESMF • Providing support on all aspects of ESMF implementation • Reporting on any cumulative or trans-GP boundary environmental and social issues to the State
At Block Level – BDO will be responsible for overall implementation of ESMF at block level	Overall implementation of ESMF in the block	<ul style="list-style-type: none"> • Overall responsibility of implementation of ESMF including coordination with line departments and Panchayat Samiti • Coordinating and ensuring that all capacity building requirements of the ESMF are met on a continuing basis • Ensuring Environmental and Social Assessment (Screening and Review) is conducted for all GP activities at the required level of detail and required mitigation measures are implemented (this includes commissioning any required detailed technical assessment) • Ensuring regular monitoring of GP activities with respect to ESMF • Providing support on all aspects of ESMF implementation
At Gram Panchayat Level –Artha O Parikalpana Upa-Samiti for overall ESMF	Overall in charge of ESMF implementation at the GP level	<ul style="list-style-type: none"> • Overall responsibility of implementation of ESMF at GP level • Ensuring integration of ESMF into the GP planning process

TABLE (1): ROLES AND RESPONSIBILITY FOR ESMF IMPLEMENTATION		
Institution/ Individual	Roles	Responsibility in Implementing ESMF
implementation and providing necessary clearances as per ESMF		<ul style="list-style-type: none"> • Ensuring Environmental and Social Assessment (Screening and Review) done as per ESMF guidelines and formats • Providing Environmental and Social Clearance to activities as per ESMF. • Providing adequate orientation to Gram Sansad members on the environmental and social safeguards so that the Gram Sansad plans are in alignment with these. • Including a section on ESMF implementation in the half-yearly and annual reports presented to the Gram Sabha.
At Gram Panchayat Level – <i>Nirman Sahayak under the supervision of GP</i>	Conducting Environmental and Social Assessment (Screening and Review) as per ESMF for GP all activities	<ul style="list-style-type: none"> • Screening as per prescribed formats for all GP activities in Draft GP Plan • Undertaking Environmental and Social Review as per the prescribed formats for all GP activities as per in Draft GP Plan • Identifying need for further detailed technical assessment (to be forwarded by GP to the District authorities)

3.3 CAPACITY BUILDING RELATED TO ESMF

For an effective institutional strengthening and implementation of ESMF it is imperative that need based capacity building of the GP stakeholders be carried out in a systematic manner. To increase the effectiveness with respect to implementation of ESMF, capacity building of GP staffs especially those involved in screening, undertaking environmental reviews and providing necessary clearance as per ESMF will be important. Also, necessary orientation with respect to ESMF to other stakeholders at block, district and state level such as members of Panchayat Samiti, Zilla Parishad along with line departments will be important. This Department through its overall capacity building initiative will look after the ESMF related capacity building required at different levels.

The capacity building strategy involves provision of

- a) Orientation on the ESMF to GP functionaries and concerned officials of other tiers (District, Blocks)
- b) Detailed training on the ESMF procedures to the key functionaries at the GP level responsible for its implementation

3.4 MONITORING FRAMEWORK FOR ESMF

The monitoring of ESMF implementation will be integrated into the overall GP monitoring mechanism of the P&RDD. ESMF will be a part of GP Self Evaluation exercise also and will be done annually.

The major environmental performance indicators as identified are:

- Percentage of GP activities with evidence of implementation of mitigation measures
- Percentage of GP activities with significant outstanding environmental issues

3.4.1 Monitoring of Schemes Being Accessed by Vulnerable Groups

The Vulnerable group development framework suggests that monitoring of schemes accessed by vulnerable groups is an important indicator and needed to be tracked for addressing the need of vulnerable groups and their inclusion.

In this regard, the *Artha O Parikalpana Upa-Samiti* will keep record of members of vulnerable groups accessing schemes being implemented by GP using *Annexure 1* which details out the list of schemes.

3.4.2 Reporting:

Each GP will include a section on ESMF implementation in its half-yearly and annual reports that are presented to the Gram Sansad meetings and annual meeting of the Gram Sabha. These reports will be shared in the meeting of *Artha O Parikalpana Upa-Samiti* and with all elected members of GP in the general body meeting of Gram Panchayat.

3.4.4 Proposed Incentives for Effective Implementation of ESMF

Based on the Annual Self Evaluation on adherence and effectiveness of ESMF implementation, District shall recommend those GPs which have high adherence and effectiveness in following of ESMF for an incentive to PRDD.

3.5 CONSULTATIONS AND DISCLOSURE OF SUB-PROJECTS AT THE GP LEVEL

This ESMF is based on a strong participatory approach in undertaking all key activities by disclosing the environmental and social issues of a sub-project. The GP will make all reasonable efforts to consult relevant stakeholders (including the affected communities, CBOs and NGOs, especially for sub-projects with potentially significant environmental or social impacts) in the implementation of the activities, incorporate local community needs and resolve conflicts. The *Artha O Parikalpana Upa-Samiti* will ensure that affected people are consulted in a meaningful way and allowed to participate actively in the consultation process. The consultations will be carried out in a way which is appropriate for cultural, gender based and other differences among stakeholders. Where different groups or individual have different views or opinions, particularly emphasis will be put on the views and needs of the vulnerable groups. The half-yearly and annual GP annual reports will include a section on ESMF implementation with respect to the activities undertaken.

3.6 DOCUMENTATION

The *Artha O Parikalpana Upa-Samiti* will maintain a complete record of the environmental and social assessment and management of the activities in their respective GPs. This will include the duly filled up and signed Environmental and Social Review Formats (ESRFs), and a detailed record of the trainings and capacity building programs attended by the GP elected members and functionaries. This will include:

- A duly filled and signed Format B and Format C (wherever used). These filled in Formats shall also be attached to the GP plan.
- A record of orientation and training programmes attended by various GP staff and functionaries
- A duly filled Annexure 1 of schemes accessed by vulnerable groups

These filled Formats will also be included in the tender documents and contracts/MoU for the work execution (wherever applicable), ensuring that the contractors are legally bound to implement the mitigation measures included in the formats.

FORMAT – A: NEGATIVE LIST – ACTIVITIES NOT ALLOWED

[Gram Panchayat shall not take any activities mentioned in this list as part of its plan and shall not use any Government fund or own fund for this purpose]

Activities having adverse impact on Socio-economic status

- Any activity that overlooks the rights and special provisions of vulnerable groups such as scheduled tribes, scheduled castes and minorities.
- Any activity that goes against the constitutional rights of people and creates inequalities among caste, community and gender groups.

Activities having adverse impact on Natural Habitat, Forest and Trees

- Activities those are likely to cause damage to wildlife and forests.
- Activities in forest areas without permission from the Forest Department.
- Activities inside designated Protected Areas² (e.g. National Parks, Wild Life Sanctuaries, Tiger Reserves, etc.)
- Any activity involving development of tourism infrastructure (hotels, restaurants, resorts) within one km of reserve forests, wildlife sanctuaries without permission from the West Bengal Pollution Control Board³.
- Felling of more than 3 trees in non-forest areas without permission from the Forest Department⁴ and felling of any of the trees as mentioned in the schedule 'Permission mandatory for felling⁵' attached to the West Bengal Trees (Protection and Conservation in

² The Wildlife conservation programme in the State has been aimed at in-situ conservation strategy with a chain of protected area (PA) designated as Biosphere Reserve (1), National Parks (5), Wildlife Sanctuaries (15), Tiger Reserve (2) and Elephant Reserve (2). However many PAs have overlapping areas as 63 percent of Forest area have been designated as PAs. This includes: Buxa Wildlife Sanctuary (Buxa National Park and Tiger Reserve), Chapramari Wildlife Sanctuary, Garumara Wildlife Sanctuary, Garumara National Park and Jaldapara Wildlife Sanctuary in Jalpaigri district; Mahananda Wildlife Sanctuary, Neora Valley National Park, Sinchal Wildlife Sanctuary, Singhalila National Park in Darjeeling district; Balavpur Wildlife Sanctuary in Birbhum district; Bibhutibhusan Wildlife Sanctuary and Bethudahari Wildlife Sanctuary in Nadia district; Ramnabagan Wildlife Sanctuary in Bardhaman district; Raigunj Wildlife Sanctuary in Uttar Dinajpur district; Haliday Island Wildlife Sanctuary, Lothian Island Wildlife Sanctuary, Narendrapur Wildlife Sanctuary, Sajnekhali Wildlife Sanctuary and Sundarban National Park (Sundarban Tiger Reserve and Sunderban Biosphere Reserve) in South 24 Parganas.

³ GO No. EN/ 871/T-II-4/002/2008 dated April 15, 2008 Department of Environment, Government of West Bengal

⁴ As per West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007

⁵

- *Acacia catechu (Khair)*
- *Bombax cieba (Simul)*
- *Dalbergia sissoo (Shishu)*
- *Diospyros melanoxylon (Kendu/Tendu)*
- *Gmelina arborea (Gamar)*
- *Madhuka indica (Mahua)*
- *Michelia champaka (Champ)*
- *Shorea robusta (Sal)*
- *Swietenia mahogany (Mahogany)*

Non-Forest Areas) Act, 2006.

- Any activity that involves extraction of timber or any non-timber forest produce from a forest area or its transport without permission from the Forest Department⁶ with an exception for STs and traditional residents of forest areas.
- Any activity that involves cutting of grass or grazing of livestock in a forest area without permission from the Forest Department⁷.
- Activities involving use of forest land for non forest purpose without prior clearance from the Forest Department.

Activities having adverse impact on Drinking Water

- Activities involving new drinking water supply sourced from groundwater in the 79 arsenic affected blocks (as per Annexure -8) without necessary technical support and guidance from Public Health Engineering Department.
- Activities involving drinking water supply without testing of water quality to ensure that it is safe for human consumption as prescribed by Public Health Engineering Department.

Activities having adverse impact on Land and Water Resources

- Activities involving construction of dams (check dams, embankments, etc.) above 7 metres in height.
- Activities involving construction of dam, barrage, bandh, barrier on a flowing river without provision for fish pass or fish-ladder as directed by the District Fisheries Officer⁸.
- Digging of any new tube well or well from which water is extracted for irrigation purpose with the help of any electrical device without permission of the District Level Ground Water Resources Development Authority (Geologist of the State Water Investigation Directorate, Government of West Bengal)⁹.
- Activities involving discharge into any water body any industrial waste, sewerage or other polluting substance that may affect the fish health or life¹⁰. Activities involving promotion, use, storage and distribution of pesticides that are banned by the Government of India or the Government of West Bengal as well as pesticides that fall in the classes Ia, Ib and II as per the WHO classification (Refer Annexure 3 & 4).
- Any industrial and mining activity without obtaining necessary permits (compliance with siting restrictions, Consent to Establish, Consent to Operate) from the West Bengal Pollution Control Board.

-
- *Tectona grandis* (*Teak*)
 - Mangrove trees

⁶ West Bengal Protected Forests Rules, 1956 and West Bengal Forest-Produce Transit Rules, 1959

⁷ West Bengal Protected Forests Rules, 1956

⁸ West Bengal Inland Fisheries Act, 1984 and West Bengal Inland Fisheries Rules, 1985

⁹ West Bengal Ground Water Resources (Management, Control & Regulation) Act, 2005.

¹⁰ West Bengal Inland Fisheries Act, 1984

Activities having adverse impact on Coastal Zones¹¹

- The following activities in areas under the Coastal Regulation Zone¹² (CRZ):
 3. Discharge of untreated wastes and effluents
 4. Harvesting or drawal of ground water within 200 m of High Tide Level in the 200 m to 500 m zone unless when done manually through ordinary wells for drinking, horticulture, agriculture and fisheries¹³
 5. Land reclamation, bunding or disturbing the natural course of sea water except those required for control of coastal erosion and maintenance or clearing of water ways, channels or for prevention of sandbars or for tidal regulators, storm water drains or for structures for prevention of salinity ingress and sweet water recharge
 6. Mining of sands, rocks and other substrata materials
 7. Any construction activity between the Low Tide Line and High Tide Line in the CRZ-I and III without permission from the West Bengal State Coastal Zone Management Authority^{14 15}.

Activities having adverse impact on Cultural Resource

- Activities likely to cause damage to objects, sites, structures, groups of structures, and natural features and landscapes that have archaeological, paleontological, historical, architectural, religious, aesthetic, or other cultural significance.

¹¹ Coastal Regulation Zone Notification, 1991.

¹² The coastal stretches of seas, bays, estuaries, creeks, rivers and backwaters which are influenced by tidal action (in the landward side) upto 500 metres from the High Tide Line (HTL) and the land between the Low Tide Line (LTL) and the HTL is referred to as the Coastal Regulation Zone.

¹³ Drawal of ground water is permitted, where no other source of water is available and when done manually through ordinary wells or hand pumps, for drinking and domestic purposes, in the zone between 50 to 200 m from High Tide Line in case of seas, bays and estuaries and within 200 m or the CRZ, whichever is less, from High Tide Line in case of rivers, creeks and backwaters.

¹⁴ The construction of dispensaries, schools, public rain shelters, community toilets, bridges, roads, jetties, water supply, drainage, sewerage which are required for traditional/local inhabitants of the area, may be permitted, on a case to case basis, by the West Bengal State Coastal Zone Management Authority.

¹⁵ CRZ I: Includes (i) Areas that are ecologically sensitive and important, such as national parks/marine parks, sanctuaries, reserve forests, wildlife habitats, mangroves, corals/coral reefs, areas close to breeding and spawning grounds of fish and other marine life, areas of outstanding natural beauty/historically/heritage areas, areas rich in genetic diversity (ii) Area between Low Tide Line and the high Tide Line; CRZ III: Areas that are relatively undisturbed and include coastal zone in the rural areas (developed and undeveloped).

FORMAT – B: ENVIRONMENTAL AND SOCIAL REVIEW FORMAT

PART A

Note: Columns 3, 4, 5 are to be filled as part of the planning process.

Column 6 is to be filled annually

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
1	Ponds – construction, excavation, de-silting, cleaning, etc.	<input type="checkbox"/> Construction of pond on fertile agriculture land <input type="checkbox"/> Erosion from unstable earthen bunds <input type="checkbox"/> Felling of trees at the excavation site <input type="checkbox"/> Possibility of chance finds of archaeological importance <input type="checkbox"/> Requirement of land acquisition <input type="checkbox"/> Involvement of child labour <input type="checkbox"/> Choice of location may cause conflict among community groups <input type="checkbox"/> Uneven deposition of silt on banks may lead to weakening of banks, uneven deposition on farm lands may lead to problems with irrigation and drainage	<input type="checkbox"/> Site for construction of new pond may be on barren and uncultivable land to the extent possible <input type="checkbox"/> Reinforcement of the banks to check soil erosion (e.g. plantation, lining with stones, etc.) <input type="checkbox"/> If more than 3 trees are to be felled, permission of the Forest Department will be taken. A plantation plan for raising atleast twice the number of trees felled will be made and implemented <input type="checkbox"/> Any object of archaeological, cultural, historical or religious significance found during the excavation will be deposited with the District Collector <input type="checkbox"/> No child labour will be involved <input type="checkbox"/> Poorer and tribal hamlets shall be prioritised for provision of new infrastructure based on principles of	<input type="checkbox"/> Technical support will be taken from _____ _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			equity <input type="checkbox"/> Systematic and even deposition of silt on banks/farm lands		
2	Roads – construction, repair	<input type="checkbox"/> Construction of road on fertile agriculture land or encroaching on water bodies <input type="checkbox"/> Impacts on 'borrow areas' from where soil for embankment filling is taken <input type="checkbox"/> Inadequate drainage provision leading to water logging <input type="checkbox"/> Felling of trees at the construction site <input type="checkbox"/> Temporary impacts and waste disposal related to construction (noise, dust, etc.) <input type="checkbox"/> Possibility of chance finds of archeological importance <input type="checkbox"/> Requirement of land acquisition <input type="checkbox"/> Involvement of child labour <input type="checkbox"/> Choice of location may cause conflict among community groups	<input type="checkbox"/> Avoid alignment that encroaches on agricultural land, water bodies, forests. <input type="checkbox"/> Avoid taking soil from within 1.5 metres of the embankment, from fertile agricultural land, grazing land, land within 0.8 km from the settlement and from environmentally sensitive areas such as wetlands, streams, unstable hillsides, etc. <input type="checkbox"/> Depth of the borrow pits must not exceed 45 cm <input type="checkbox"/> Conform to natural topography to reduce cut and fill, and, minimise changes to natural drainage patterns <input type="checkbox"/> Provision of culverts, cause-ways or bridges wherever necessary for adequate drainage <input type="checkbox"/> If more than 3 trees are to be felled, permission of the Forest Department will be taken. A plantation plan for raising at least twice the number of trees felled will be made and implemented	<input type="checkbox"/> Technical support will be taken from _____ _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			<input type="checkbox"/> Trees that are nesting sites for migratory water birds will not be felled. <input type="checkbox"/> Civil works contract conditions will include provisions to obligate the contractor to implement appropriate mitigation measures for the temporary impacts including disruption of normal traffic, increased noise levels, dust generation, and damage to adjacent parcel of land due to movement of heavy machinery. The conditions will also include proper disposal of wastes. Disposal of wastes in water bodies, forests, etc., is to be avoided. <input type="checkbox"/> Any object of archaeological, cultural, historical or religious significance found during the excavation will be deposited with the District Collector <input type="checkbox"/> No child labour will be involved <input type="checkbox"/> Poorer and tribal hamlets shall be prioritised for provision of new infrastructure based on principles of equity		
3	Canal banks - strengthening	<input type="checkbox"/> Erosion of soil from the canal bunds	<input type="checkbox"/> Reinforcement of the banks to check soil erosion (e.g. plantation,	<input type="checkbox"/> Technical support will be taken from _____	Date of implementation of activity _____

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
		<input type="checkbox"/> Impacts on 'borrow areas' from where soil for embankment filling is taken <input type="checkbox"/> Involvement of child labour	lining with stones, etc.) <input type="checkbox"/> Avoid taking soil from within 1.5 metres of the embankment, from fertile agricultural land, grazing land, land within 0.8 km from the settlement and from environmentally sensitive areas such as wetlands, streams, unstable hillsides, etc. <input type="checkbox"/> Depth of the borrow pits must not exceed 45 cm <input type="checkbox"/> No child labour will be involved <input type="checkbox"/> Technical support from Irrigation Department	_____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____
4	Field irrigation channels – excavation, maintenance	<input type="checkbox"/> Improper slope leading to poor water supply at the tail-end <input type="checkbox"/> Erosion from unstable earthen bunds <input type="checkbox"/> Felling of trees <input type="checkbox"/> Loss of fertile top soil	<input type="checkbox"/> Slope to be maintained for flow of water to tail-end <input type="checkbox"/> Reinforcement of the bunds to check soil erosion <input type="checkbox"/> If more than 3 trees are to be felled, permission of the Forest Department will be taken. A plantation plan for raising at least twice the number of trees felled will be made and implemented <input type="checkbox"/> Surplus soil will be utilized appropriately or disposed without blocking water courses	<input type="checkbox"/> Technical support will be taken from _____ _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick ✓ relevant impacts)	Mitigation Measures (Tick ✓ measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			<input type="checkbox"/> Technical support from Agriculture Department or Krishi Vignan Kendra		
5	Tube wells – Drinking water	<input type="checkbox"/> No water testing prior to commissioning of tube well <input type="checkbox"/> Improper selection of location may lead to contamination <input type="checkbox"/> Lack of or improper platform and drainage around the tube well <input type="checkbox"/> Irregular water testing <input type="checkbox"/> Choice of location may cause conflict among community groups	<input type="checkbox"/> Testing of water quality prior to commissioning of tube well as per the norms of the Public Health Engineering Department. In case the water is unsuitable for consumption, seek guidance from Public Health Engineering Department. <input type="checkbox"/> In case the GP is in one of the 79 arsenic affected blocks (as per Annexure -8) take necessary technical support and guidance from Public Health Engineering Department. <input type="checkbox"/> Location of the tube well must be at least 15 metres away from soak pits, other sanitation facilities, rainwater harvesting or recharge structures, etc., to avoid direct contamination <input type="checkbox"/> Avoid direct runoff of rain water into tube well <input type="checkbox"/> Provide a concrete mat of sufficient thickness for 75 cm radius around the tube well to seal the outer periphery	<input type="checkbox"/> Technical support will be taken from _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick ✓ relevant impacts)	Mitigation Measures (Tick ✓ measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			<input type="checkbox"/> Provide a channel to take away waste water (preferably to water vegetation) in order to prevent stagnation around the tube well <input type="checkbox"/> Ensure annual testing of water quality as per the norms of the Public Health Engineering Department <input type="checkbox"/> Poorer and tribal hamlets shall be prioritised for provision of new infrastructure based on principles of equity		
6	Tube wells – Irrigation	<input type="checkbox"/> Depletion of groundwater	<input type="checkbox"/> Take permission from the District Level Ground Water Resources Development Authority (Geologist of the State Water Investigation Directorate, Government of West Bengal) for digging of any tube well or well from which water is extracted with the help of any mechanical or electrical device. <input type="checkbox"/> Maintain a minimum distance of 200 m between two tube wells in semi-critical and critical blocks. <input type="checkbox"/> Take technical support from the Department of Agriculture or Krishi Vignan Kendra on promoting efficient irrigation technologies (for example, sprinkler or drip irrigation)	<input type="checkbox"/> Technical support will be taken from _____ _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____
7	Toilets –	<input type="checkbox"/> Improper selection of location	<input type="checkbox"/> Locate the toilets atleast 15 metres	<input type="checkbox"/> Technical support will be taken	Date of implementation of activity

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
	Construction	<p>may lead to contamination of nearby water sources</p> <p><input type="checkbox"/> Poor use of facility due to lack of water inside or outside the toilet</p> <p><input type="checkbox"/> Requirement of land acquisition</p> <p><input type="checkbox"/> Involvement of child labour</p> <p><input type="checkbox"/> Choice of location may cause conflict among community groups</p>	<p>away from the nearest water sources. If this is not possible due to site considerations, technical support will be taken from the Public Health Engineering Department to identify and implement necessary safeguards.</p> <p><input type="checkbox"/> If the pits are located under a footpath or a road, or if a water supply main is within a distance of 3 m from the pits, the inlet level of the pipes or drains connecting the leach pits should be kept below the level of the water main, or 1 m below the ground level. If this is not possible due to site considerations, the joints of the water main should be encased in concrete.</p> <p><input type="checkbox"/> Ensure availability of water at the toilet facility</p> <p><input type="checkbox"/> Promote use of toilets</p> <p><input type="checkbox"/> No child labour will be involved</p> <p><input type="checkbox"/> Poorer and tribal hamlets shall be prioritised for provision of new infrastructure based on principles of equity</p>	<p>from _____</p> <p>_____</p> <p>for implementation of mitigation measures</p> <p><input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them</p>	<p>_____</p> <p>Report on implementation of mitigation measures during activity initiation (construction)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
8	Land Development	<input type="checkbox"/> Lack of technical support may result in poor planning and execution	<input type="checkbox"/> Choose land treatment relevant to the type of land degradation ¹⁶ <input type="checkbox"/> Take technical support from the offices of the Water Investigation and Development Department, Krishi Vignan Kendra, Divisional Forest Officer, etc.	<input type="checkbox"/> Technical support will be taken from _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____ _____
9	Social Forestry and Nursery	<input type="checkbox"/> Mono culture plantation of exotic species <input type="checkbox"/> Overuse of chemical fertilisers leading to pollution <input type="checkbox"/> Impacts on human and environmental health due to use of hazardous chemical pesticides	<input type="checkbox"/> Take technical support from the field offices of the West Bengal Comprehensive Area Development Corporation (WBCADC), Krishi Vignan Kendra, District Horticulture Officer or the Divisional Forest Officer for selection of suitable species, fertilizer scheduling and pest control using integrated pest management. <input type="checkbox"/> Avoid use of pesticides that are banned or those that are hazardous	<input type="checkbox"/> Technical support will be taken from _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____ _____

¹⁶ Flood affected areas require works related to regular desilting of river courses, construction of bunds, cleaning of drainages and canals etc. The control of soil erosion/sand deposits due to flooded rivers in the plains requires measures relating to land levelling and flood protection measures by the government. The problem of soil erosion in hilly areas requires soil binding treatments (plantations, vegetative works on contours), control of free run off of water (check dams, earthen dams, gully plugging, trenches) and water storage mechanisms (ponds, water harvesting structures). Dry lands require water storage facilities for an assured (life saving) irrigation.

Sl.No.	Activity	Environmental Impacts (Tick <input type="checkbox"/> relevant impacts)	Mitigation Measures (Tick <input type="checkbox"/> measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			(WHO classes Ia, Ib and II). <input type="checkbox"/> Ensure that proper safety gear is used while handling pesticides.		_____
10	Construction or Repair of Buildings (School, Panchayat Office, Anganwadi, Community Centres, etc.)	<input type="checkbox"/> Construction planned on fertile agricultural land <input type="checkbox"/> Disposal of debris/waste material on agricultural fields <input type="checkbox"/> No provision of toilet <input type="checkbox"/> No proper ventilation <input type="checkbox"/> Require acquiring land <input type="checkbox"/> Involvement of child labour <input type="checkbox"/> Choice of location may cause conflict among community groups	<input type="checkbox"/> Site for construction may be on barren and uncultivable land to the extent possible – fertile agricultural land must be avoided <input type="checkbox"/> Any debris/waste material from the construction must be disposed carefully at pre-determined waste disposal sites and must not be left lying around the construction site <input type="checkbox"/> Institutions, schools, establishments constructed in over-exploited or critical groundwater zones must include provision for roof-top rainwater harvesting on their premises. Technical guidance of the Regional Director, CGWB (Eastern Region) may be taken. <input type="checkbox"/> Provision of toilet with water facility must be made for school buildings, anganwadi centres, panchayat offices, etc. <input type="checkbox"/> Adequate provision for ventilation and natural illumination must be made in the building	<input type="checkbox"/> Technical support will be taken from _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick ✓ relevant impacts)	Mitigation Measures (Tick ✓ measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			<input type="checkbox"/> No child labour will be involved <input type="checkbox"/> Poorer and tribal hamlets shall be prioritised for provision of new infrastructure based on principles of equity		
11	Drain – construction	<input type="checkbox"/> Improper design may lead to poor performance <input type="checkbox"/> Poor maintenance may lead to water stagnation and associated problems such as increase in breeding sites for mosquitoes <input type="checkbox"/> Disposal of debris/ waste material on agricultural fields <input type="checkbox"/> Lack of sullage treatment may lead to cess pools, pollution of water bodies, etc. <input type="checkbox"/> Felling of trees	<input type="checkbox"/> Ensure proper design including slope, cross-section, lining, etc., to avoid silt accumulation, backflow, etc. Take technical support from Public Health Engineering Department. <input type="checkbox"/> Periodic cleaning and silt removal from the drain <input type="checkbox"/> Community education to keep the drain free from garbage, so as to avoid blockages <input type="checkbox"/> Ensure that drain is only for sullage and effluent from septic tank, etc., does not flow into it <input type="checkbox"/> Final treatment of the sullage to convert it into harmless and reusable water (for example, sullage stabilization ponds, sedimentation and filtration, etc.) <input type="checkbox"/> If more than 3 trees are to be felled, permission of the Forest Department will be taken. A plantation plan for raising atleast twice the	<input type="checkbox"/> Technical support will be taken from _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick ✓ relevant impacts)	Mitigation Measures (Tick ✓ measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
			number of trees felled will be made and implemented		
12	Any New Activity	<p>Check whether it involves:</p> <p>Adverse environmental impacts:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Water resources <ul style="list-style-type: none"> <input type="checkbox"/> Ground water resources <input type="checkbox"/> Surface water resources <input type="checkbox"/> Water quality <input type="checkbox"/> Land resources <ul style="list-style-type: none"> <input type="checkbox"/> Change in land use <input type="checkbox"/> Land/soil degradation <input type="checkbox"/> Forests, Wildlife and Biodiversity <ul style="list-style-type: none"> <input type="checkbox"/> Forest/ trees/ vegetation <input type="checkbox"/> Wildlife <input type="checkbox"/> Biodiversity <input type="checkbox"/> Agriculture <ul style="list-style-type: none"> <input type="checkbox"/> Irrigation <input type="checkbox"/> Soil moisture <input type="checkbox"/> Agricultural productivity <input type="checkbox"/> Agriculture biodiversity <input type="checkbox"/> Other Natural resources <ul style="list-style-type: none"> <input type="checkbox"/> Air quality <input type="checkbox"/> Fisheries <input type="checkbox"/> Health and hygiene <p>Involves:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Use of pesticides <input type="checkbox"/> Generation of wastes <p>Adverse Social Impacts</p> <ul style="list-style-type: none"> <input type="checkbox"/> Impact on ST population 	Technical support from the line department concerned with that activity must be taken and Environmental Assessment as per Format C has to be conducted.	<input type="checkbox"/> Technical support will be taken from _____ for implementation of mitigation measures <input type="checkbox"/> The identified mitigation measures have been included in the contracts for the work execution, ensuring that the contractors are legally bound to implement them	Date of implementation of activity _____ Report on implementation of mitigation measures during activity initiation (construction) _____ _____ _____ _____ _____ _____ _____

Sl.No.	Activity	Environmental Impacts (Tick ✓ relevant impacts)	Mitigation Measures (Tick ✓ measures selected for implementation)	Implementation management	Report on implementation of mitigation measures (include date and signature)
1	2	3	4	5	6
		<input type="checkbox"/> Deprive vulnerable families in any manner <input type="checkbox"/> Require acquiring land <input type="checkbox"/> Promote Child labour <input type="checkbox"/> Promote any conflict among community groups <input type="checkbox"/> Restrict participation of women, ST and marginalised group <input type="checkbox"/> Impact local cultural values <input type="checkbox"/> Others (Specify).....			

PART B

(to be used after using Part A of Format B or Format C – for activities that are not listed in Format B)

Determination of need for detailed Environmental Assessment:

- | | | |
|--|-----|----|
| 1. Does the activity involve any forest area? | Yes | No |
| 2. Does the activity fall under the Coastal Regulation Zone? | Yes | No |
| 3. Is there a likelihood of significant residual impacts even after the mitigation measures identified in Part A (or in Format C as applicable) are implemented? | Yes | No |

If the answer to any one of the above is ‘Yes’, a detailed Environmental Assessment may be required. In such as case, seek guidance from the block / district authorities.

We confirm that:

- All the activities in the plan have been checked.
- None of the proposed activities are listed in the ‘Format A – Negative List – Activities Not Allowed’.
- All the identified mitigation measures will be implemented.

Person Responsible for Environmental Review	Another Member of Reiew Team	<i>Artha O Parikalpana Upa-Samiti</i>
Signature	Signature	Signature
Name:	Name:	Name:
Designation:	Designation:	Designation:
Date:	Date:	Date:

FORMAT – C: GUIDELINE FOR ENVIRONMENTAL ASSESSMENT

The Environmental Impact Assessment (EIA) should necessarily cover in brief the following details for the EIA Report:

1. Project Description
(Including brief description, type of project, scale and magnitude of operation):
2. Description of the Environment
(List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities etc)
3. Anticipated Environmental impacts
Describe environmental based on:
 - What are the likely impacts of the proposed activity on the existing environment?
 - Will there be any significant land disturbance resulting in erosion, subsidence & instability?
 - Will the proposal involve alteration of natural drainage systems?
 - Give details of the quantities of earthwork involved, filling of materials from outside the site etc. Give quantities of various types of wastes generated during construction including the construction labour and the means of disposal.
 - Sources & quantities of water required. Will there be diversion of water from other users?
 - What is the incremental pollution it may create
 - Will it involve clearing of vegetation and felling of trees?
4. Anticipated Social impacts
 - Will the project cause adverse effects on local communities, disturbance to sacred sites or other cultural values?
5. Potential Mitigation measures for adverse environmental and social impacts
6. Additional Studies/ Analysis Required
7. Project Benefits

ANNEXURE 1: GOVERNMENT SCHEMES TO BE MONITORED BY VULNERABLE GROUP REPRESENTATIVE AT GP LEVEL

Sl.No	Scheme	No. of Beneficiary from					
		ST	SC	OBC	Muslim	Others	All
Major Schemes							
1	National Rural Employment Guarantee Schemes (No. of Days Employment)						
2	Indira Awas Yojana						
3	Swarnajayanti Gram Swarojgar Yojana						
4	Indira Gandhi National Old Age Pension Scheme						
5	Indira Gandhi National Disability Pension Scheme						
6	National Family Benefit Scheme						
7	SAHAY						
8	Janani Suraksha Yojana						
9	Indira Gandhi National Widow Pension Scheme						
10	Balika Samnidhi Yojana (grant to poor households for girl child)						
11	Free food grains for poor (GR) ???						
12	Antodaya Anna Yojana						
13	Annapurna Yojana						
14	PROFLAL and Aam Admi Yojana						
15	Homestead/ agricultural land for landless and marginal farmers						
16	Provision of sanitary latrines to individual HH						

