

## ANNEXURE- V: STAKEHOLDER'S CONCERNS / OPINION

MIP	Environmental Concern	Issue Addressed in EMF
<b>Irrigation</b>		
MIP-1	Storage capacity of MIP project is not enough to supply water to total command area.	Tank resectioning will be done which will increase water holding potential.
	Irrigation structure are not in good condition; Sufficient water is not available during Rabi season; hence people are withdrawing ground water for irrigation purpose.	Irrigation structure will be repaired and concrete canal lining work will be done to reduce or eliminate seepage lose. Dam will be strengthened.
MIP-2	Water level goes down to DSL and not sufficient for irrigation purpose during Rabi season. Tank remains absolutely dry during Summer season	Tank resectioning will be done which will increase water holding potential
	Outlet is in broken condition.	All dilapidated irrigation structure will be repaired which will reduce seepage loss as well improve water distribution mechanism.
MIP-3	Distributaries are in dilapidated condition.	All dilapidated irrigation structure will be repaired which will reduce seepage loss as well improve water distribution mechanism. Damaged field channels will be repaired and new field channel will be constructed.
MIP-4	Seepage lose from dilapidated irrigation network; require regular maintenance & canal lining.	All dilapidated irrigation structure will be repaired which will reduce seepage loss as well improve water distribution mechanism. Concrete lining at earthen stretch of canal portion and repairing of existing concrete lining will be done.
	Irrigation water is available only during monsoon season.	Tank resectioning will be done which will increase water holding potential.
	Non-availability of proper fund for renovation work.	Renovation of irrigation infrastructure is one of major components under OIIPCRA. Significant amount is allotted for this work under OIIPCRA project.
	Pani Panchayat members are influenced by political leader.	Training and capacity building of PP/ WUA members will be done under OIIPCRA project.
MIP-5	Storage capacity of the tank is too less which leads to unavailability of water during Rabi season.	Tank resectioning will be done which will increase water holding potential.
	Seepage loss from the broken structure.	All dilapidated irrigation structure will be repaired which will reduce seepage loss as well improve water distribution mechanism. Concrete lining at earthen stretch of canal portion and repairing of existing concrete lining will be done.
MIP-6	Storage capacity of MI tank is not enough to supply water for irrigation to total command area. Availability of water during Rabi and summer season is major concern. The head regulator of MIP tank is not working properly.	Tank resectioning will be done which will increase water holding potential. All dilapidated irrigation structure will be repaired which will improve water distribution mechanism.
	Gate and head regulator are not working properly; fund for regular maintenance work is needed. In some of the areas Pani Panchayat is not active or not functioning	All dilapidated irrigation structure will be repaired which will improve water distribution mechanism. Renovation of irrigation infrastructure is one of major components under OIIPCRA. Significant amount is allotted for this work under OIIPCRA project.

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		Training and capacity building of PP/ WUA members will be done under OIIPCRA project.
MIP-7	Irrigation water scarcity is felt during rabi and summer season.	Proper maintenance is required and water retention capacity should be increased
	Sluice gate is not working and fund is needed for regular maintenance.	Fund needed for renovation and maintenance.
	Many pani panchayat is not active or not functioning	Strengthening of Pani Panchayat/ Water User Association required.
MIP-8	Presence of huge aquatic weeds in the tank water restrict sunlight to pass which causes fish mortality.	Weed must be removed from the tank.
	Irrigation water scarcity during Rabi and summer season	There is another MIP named Banamuliya, 6 km away from this MIP, if both the MIP will be merged than no shortage of water for irrigation will happen as told by experienced locals.
MIP-9	No such issue with regards to irrigation water.	However, strengthening of Pani Panchayat / Water User Association is all time requirement.
<b>Agriculture</b>		
MIP-1	Chemical leaching from nearby chemical manufacturing factory happens occasionally which is probably affecting agricultural field.	Proper monitoring of safe disposal of industrial waste should be done
	Excess use of fertilizers and pesticides leads to degradation of soil quality	Create awareness about optimum use of fertilizers and pesticides
	Other issues are fall of immature seed/ fruit/ flower, Increased pest attack, damage to root due to prolonged flooding, etc.	Project will adopt sustainable and climate resilient agriculture practice to combat adverse effect of climate change
MIP-2	High dependency on rain water in absence of adequate irrigation supply for agriculture.	Training on climate resilient agriculture must be given for drought condition may prevail
	Highly dependent on rain fed paddy.	Awareness about crop diversification is required
MIP-3	As water is available throughout year, production and productivity can be improved	Proper training and awareness program should be conducted from government
	Production and productivity of diversified crop is required	Promotion and special training on organic farming can be done
MIP-4	Due to lack of irrigation facility the crops are getting damaged nearer to the harvesting period / pre-harvesting which has a greater impact on the yield.	The functioning of Pani Panchayat / Water User Association is necessary to do a proper monitoring of water which helps in saving the excess flow of water during non-requirement.
	Non usage of bio fertilizer because of delayed result.	People must be aware about the negative impact of the synthetic fertilizer and its impact on the environment.
MIP-5	Due to increase in use of pesticides and fertilizer the soil quality has deteriorated. Soil becoming harder year by year and natural flora in the agricultural land is disappearing.	Recommendation and capacity building need to be done for usage of bio fertilizer.
MIP-6	Soil fertility is deteriorating significantly, due to excess use of pesticides and fertilizer. Farmers are interested to use vermicompost but due to non-availability of proper infrastructure and knowledge they are not able to do so.	Proper training to be given to farmers for usage of organic / bio fertilizer or pesticides. Vermicompost unit need to be opened there.
	Water availability mainly during Rabi and Summer season is main concern. Enough water is not available during Rabi and summer. Also use of fertilizer and pesticide reduce the fertility of soil.	Water retention capacity should be increased. Training should be given on use of Organic fertilizer and pesticides and adverse effect of chemical fertilizer and pesticides on environment and humans.

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	Farmers are not using organic fertilizer and pesticides because of slow result.	
MIP-7	Soil quality is deteriorating significantly due to excess use of chemical fertilizer and pesticides.	Proper training to be given to farmers for usage of organic / bio fertilizer or pesticides
MIP-8	Damage to mature crops due to attack by wild animals Barha & Elephant coming from nearby Ambapani forest.	This does not come under preview of OIIPCRA. This is natural phenomenon, related line departments of OIIPCRA has nothing to do in this regards. However, framers may adopt crop insurance with support from Dept. of Agriculture/ compensation provisions of forest department.
MIP-9	Decrease in soil fertility due to excess use of chemical fertilizer and pesticides.	Need to focus on usage of bio fertilizer and pesticides
	Yield rate is low due to traditional practice of cultivation. Excess use of fertilizers and pesticides, is causing damage to soil fertility.	Need to focus on usage of bio fertilizer and pesticides
	Irrigation supply do not reach at tail end farmers during Rabi and Summer season	Increasing irrigation potential of the reservoir by watershed management.
<b>Horticulture</b>		
MIP-1	Vegetable and fruit cultivation during Rabi and Summer season is very less mainly due to non-availability of irrigation water in MI tank and other waterbody.	Importance to be given for improvement of production and productivity in the Summer Season
MIP-2	Vegetable and fruit cultivation at backyard kitchen garden is very less.	Convergence with Horticulture departmental schemes may be a valid option
MIP-3	Vegetable and fruit cultivation at backyard kitchen garden is very less. People are interested to do it in large scale.	Proper training and awareness campaign should be done
MIP-4	People are not interested to carry out horticulture activity as they have other working opportunity.	Capacity building programmes need to be conducted at Panchayat level to produce horticulture product in organic manner.
<b>Fishery</b>		
MIP-1	Pisciculture practice is not adopted due to less availability of water.	Tank resection is to be done, financial support and training to promote pisciculture.
MIP-2	Very less scope of fishery at MI tank, as water level during Rabi and Summer season is very low.	Tank renovation is to be done, financial support and training is needed to promote pisciculture.
MIP-3	Not engaged in fishing activities	Formation of fisher community and awareness is required
MIP-4	Water retention capacity of the tank is very less which is not suitable for fishery activity.	Resectioning of MI tank proposed under OIIPCRA may increase water retentivity
	There is no such mechanism to restrict fish to pass out from MI tank to field channel.	The tank should be closed from all end which would be suitable for the fishery activity. Gates must be installed in the entry and exit water drains of tank.
	SHG members don't have enough knowledge regarding fish species and their diseases.	Capacity building programs need to be conducted at GP level for interested SHG.
	Lack of awareness among the community about benefit of fishery.	Capacity building needs to be done for the fisher community/ people engaged in fishery activity regarding fish cultivation.
MIP-6	Conflict between farmers and fisher on use of water below DSL.	Fisheries activities will be confined below DSL.
MIP-7	To promote fishing activity SHGs were tagged to GP tanks	Training should be given to SHGs group

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MIP-8	Due to lack of awareness on financial benefit of fishery, people have not adopted fishery at large scale or for income purpose.	Capacity building needs to be done for the fisher community.
MIP-9	Fish and fingerlings swims away with the flow of water to river water specially during increase in water volume in tank.	Net barricading will be provided under OIIPCRA.
<b>Agribusiness</b>		
MIP-1	Labour availability for agriculture is a serious issue and income from agriculture is very less. Hence, agriculture practice is diluting.	Creating awareness about MSP and improving market linkage, Cold storage /transport facility could be improved
MIP-3	As village is situated in remote area, it's not cost effective for them to transport crop/vegetable to the nearest market.	Cold storage /transport facility could be provided
MIP-4	No active committee of Pani Panchayat / Water User Association or SHG to take up agri business activity.	Strengthening of the Pani Panchayat/ Water User Association need to be done, which gives them a proper understanding of the business activity.
MIP-6	No active committee of Pani Panchayat or SHG to take up agri business activity. Eventually, there are no FPO working in this area.	Strengthening of Pani Panchayat /WUA and formation of FPO need to be done
MIP-9	Selling vegetables only at local market/ within village. Proper market linkage facility is not there.	Storage facility and transportation to nearby market can be organized
<b>Other Issues</b>		
MIP-1	Majority of farmers are not engaged in other livelihood activity except agriculture.	Scope of fish production, processing, mushroom cultivation, backyard farming is there. Only proper training and awareness can improve their income.
MIP-2	Farmers are not involved with other livelihood activities other than agriculture which is done only during monsoon period.	Training and capacity building for other livelihood options like fishery, backyard kitchen garden, mushroom cultivation will be arranged under OIIPCRA.
MIP-3	Situated in elevated hilly area where water is very scarce.	
	Lack of support from local government	Awareness and training program need to be conducted
MIP-4	SHG members are not interested to attend training outside the village because of which their skill as well as capacity building is an issue.	Possibility of arranging village level training will be explored during arrangement of any such training.
MIP-5	Most of the SHG are non-functional and few are operating at below average level.	Capacity building and proper monitoring of SHG need to be done for smooth running of SHG.
MIP-6	SHG members are interested to adopt pisciculture for which they require proper training and extension services.	Capacity building and training program are needed may be provided in the project areas and also beyond project areas
MIP-7	SHG members are interested in different IGA i.e. Goatery, Poultry and pisciculture.	Training and capacity building related to Fishery should be given.
MIP-8	SHG members are not well aware of government or non governments program. They wants to be involve in income generation activities for which they require awareness training.	Strengthening of and capacity enhancement training should be given to SHG member.
MIP-9	SHG members are not well aware of different government or non governments program specially for SHG.	Awareness creation is required.