



Poverty Reduction Fund III (PRF III)

## **Technical Assessment and Outcomes Survey 2022**

**Draft Technical Evaluation Report**  
**September 2022**

## DOCUMENT HISTORY

Issue No.	Status/Reason	Date	Report by	Reviewed/Checked by	Approved by
1.	Draft	30-Sep-22	A. Sakulku	J. Grindey	M. Bouavong

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## **ABBREVIATIONS/ACRONYMS**

CFA	Community Force Account
CMS	Community Managed Sub-projects
DRM	Disaster Risk Management
MPWT	Ministry of Public Works and Transport
ODK	ODK Collect Software for mobile data collection
PRF	Poverty Reduction Fund
VIT	Village Implementation Team

## EXECUTIVE SUMMARY

The Laos Poverty Reduction Fund (PRF) was established in May 2002 in accordance with the Prime Minister's Decree (73/PM, 2002) and Poverty Reduction Fund Project I had operated under the Prime Minister's Office from 2003 and is in its third iteration as PRF III and PRF III-AF (2016 – 2020 and 2019 – 2024 respectively) now implemented under a multi-sector administrative board headed by an Executive Director from the Ministry of Agriculture and Forestry.

The main objective of the assignment is to measure the (i) technical quality and sustainability and (ii) the outcomes of the completed sub-projects between 2016 and 2021.

The focus of this report is on the results of technical assessment. The results of the outcomes survey have been submitted to the WB's consultant who will utilize the results for the economic analysis.

The terms of reference focused on five sub-project categories: irrigation, roads, gravity-fed water supply, primary schools and dispensaries. The latter two were grouped into "building" infrastructure type.

The sub-projects were randomly selected but ensuring:

- geographical coverage – both northern and southern provinces.
- administrative coverage – at least one sub-project in every district
- representative sub-project types – all five project types selected
- ease of access representation – some remotely located sub-projects are included
- construction methods representation – community and contractor implemented works included.

### Overall condition/quality of the infrastructure

Overall, **50% of the sub-projects were assessed as Good with 43% assessed as Fair** and only a small 7% were Poor.

	Good	Fair	Poor
Irrigation	11	8	1
Road	6	14	4
WS	13	12	1
Building	12	2	0
Total	42	36	6
Total %	50%	43%	7%

Irrigation and building sub-projects tend to have a higher proportion of Good, while the water supply systems have almost equal proportion of good and fair. The roads have a majority in fair condition as roads require machinery input for periodic maintenance as most of the road sub-projects inspected are over 3 and 4 years.

### Fitness for Purpose

Of the 84 sub-projects, only 7 (8%) were not in operable condition. All the road and building sub-projects are 100% in full-use.



## **Maintenance**

Most of the sub-project villages reported having active maintenance committees although maintenance activities vary considerably in frequency. Most also reported difficulties in mobilizing for maintenance due to lack of funds and the majority of villages do not collect any regular fees for maintenance. Some utilize the village funds when required.

## **CMS vs Contractor**

A comparison of the quality of work between CMS implemented and contractor implemented sub-projects indicated no significant difference. Both had varying conditions between good and fair, although the contractor implemented works have a higher percentage assessed Good at 51% compared to only 40% with CMS implemented works. However, 8% of the contractor implemented works were assessed as Poor but none from the CMS implemented works.

## **Environment, Social Impacts and Disaster Risk**

A small number of sub-projects were located in protected areas. The visual observations did not note any detrimental impacts of the infrastructure on the environment. As most of the sub-projects evaluated were older than three years, this would have been sufficient time for the recovery of the environment.

Around 20% of sub-projects reported social impacts on personal property which were satisfactorily resolved through voluntary contributions, land replacements and cash compensations.

Irrigation, roads, and water supply sub-projects reported being affected by flooding and heavy rainfall some causing irreparable damage to system components. Only the buildings are currently free from climatic impacts.

# 1 BACKGROUND TO THE PROJECT

The Laos Poverty Reduction Fund (PRF) was established in May 2002 in accordance with the Prime Minister's Decree (73/PM, 2002) and Poverty Reduction Fund Project I had operated under the Prime Minister's Office from 2003 and is in its third iteration as PRF III and PRF III-AF (2016 – 2020 and 2019 – 2024 respectively) now implemented under a multi-sector administrative board headed by an Executive Director from the Ministry of Agriculture and Forestry.

The Project's Development Objective is to improve access to basic services for targeted poor communities which is to be achieved through the PRF III's four components:

Component 1: Community Development Sub-grants	Component 2: Local and Community Development Capacity Building	Component 3: Project Management	Component 4: Nutrition Enhancing Livelihood Development
<p>1.1 Participatory community and local development planning processes at village and Kum Ban levels</p> <p>1.2 Provision of sub-grants for the implementation of eligible community infrastructure sub-projects based on Kum Ban Development Plans</p>	<p>2.1 TA to build capacity of Kum Bans and villages to assess their needs and prepare development plans, implement and monitor sub-projects</p> <p>2.2 TA to district and provincial authorities to facilitate community and local development planning processes and to support and supervise the development and implementation of sub-projects</p> <p>2.3 TA to national Committee for Rural Development and Poverty Eradication to promote participatory rural development coordination with various sector ministries</p> <p>2.4 Technical and operation assistance for development and implementation of partnerships between PRF and other agencies</p> <p>2.5 Monitoring and evaluation of the activities of the project</p>	<p>Technical and operational assistance for the day-to-day management of the Project and the carrying out of financial audits.</p>	<p>4.1 Capacity building assistance to village SHGs with a focus on women's SHGs in selected communities, to develop and implement nutrition sensitive livelihood activities and to enhance their knowledge of livelihood activities including literary and production cycles</p> <p>4.2 M&amp;E of the activities including carrying out studies on thematic or operational innovations and participatory assessments of nutrition training.</p>

This assignment forms part of the activities under Component 2.5 for the evaluation of the sub-projects under Component 1.2.

## 2 OBJECTIVE AND SCOPE OF THE ASSIGNMENT

The main objective of the assignment is to measure the (i) technical quality and sustainability and (ii) the outcomes of the completed sub-projects between 2016 and 2021. These two main tasks will focus on the following:

TASK 1 TECHNICAL ASSESSMENT	TASK 2 OUTCOMES
<ul style="list-style-type: none"> <li>Review of the recommendations from the latest technical audit and how those have been addressed (based on documentation review and consultations with PRF).</li> <li>Technical quality of the infrastructure in design and construction</li> <li>Compliance with environmental and social safeguards and Environmental Codes of Practice</li> <li>Disaster Risk Management</li> <li>Quality of technical assistance provided by PRF to the community members</li> <li>Status and feasibility of operations and maintenance arrangements</li> </ul>	<ul style="list-style-type: none"> <li>Main outcomes expected to result in quantifiable economic benefits (e.g. increases in production areas, addition of a new cropping season, increase in yields, savings in transport costs, savings in transport time)</li> <li>Quantify the benefits (e.g. % increase in production areas irrigated, % increase in yields, transport savings per average trip etc.)</li> <li>For production infrastructure, identify the crops and cropping patterns (one vs two crops per year and any changes induced by the infrastructure, and crops typically grown per season)</li> <li>Average civil works and maintenance costs per type of infrastructure, based on infrastructure size (e.g. hectare of irrigation, km of road etc.)</li> <li>Number of beneficiaries benefitting from the infrastructure</li> </ul>

The original scope of work under the terms of reference for the assignment were changed following the discussions during the kick-off meeting held on 17<sup>th</sup> June 2022.

A summary of the changes is shown below:

	Original scope	Revised scope following kick-off meeting
Sub-Project types	<ul style="list-style-type: none"> <li>Roads (Rehabilitation)</li> <li>Primary Schools (Construction &amp; Rehabilitation)</li> <li>Gravity-fed water supply systems (Construction &amp; Rehabilitation)</li> </ul>	<ul style="list-style-type: none"> <li>Roads (<b>Construction</b> &amp; Rehabilitation)</li> <li>Primary Schools (Construction &amp; Rehabilitation)</li> <li>Gravity-fed water supply systems (Construction &amp; Rehabilitation)</li> <li><b>Dispensaries (Construction &amp; Rehabilitation)</b></li> <li><b>Irrigation systems (Construction &amp; Rehabilitation)</b></li> </ul>
Sub-Project years	PRF III sub-projects (2016-2021) that have completed their final inspections	PRF III <b>and</b> PRF III-AF sub-projects (2016-2021) that have completed their final inspections
Percentage of Sub-projects for evaluation	10 percent of the three types above (approximately 80 sub-projects)	80 sub-projects total but with <b>reduced percentage for schools and dispensaries</b> as these will not be financed under the proposed new project.

The focus of this report is for the technical assessment. The results of the outcomes survey have been submitted to the WB's consultant who will utilize the results for the economic analysis.

### 3 SUB-PROJECT SELECTION

#### 3.1 Document review

A review of the available project related documents is one of the first activities. The documents shown in ANNEX 1 of the Inception Report were made available to the consultants.

The key take aways from the previous evaluation reports are:

- to address environmental compliance;
- to address Disaster Risk Management issues;
- to ensure adequate support to VIT
- quality of works for CMS works remains a challenge

The technical assessment tasks under this assignment already addresses all these recommendations and have been included in the field assessment forms.

#### 3.2 Sub-project Selection

A total of 1,458 sub-projects were completed between 2016 and 2021 in 10 provinces across 43 districts. From these, a filter was applied to select only the targeted sub-project types for evaluation – irrigation weirs and systems construction and rehabilitation, road construction and rehabilitation; primary schools and dispensaries construction and rehabilitation; gravity-fed water supply systems construction and rehabilitation; and dispensaries construction and rehabilitation. Of the 952 filtered sub-projects, 84 were selected for evaluation.

The random selection of the sub-projects was made to ensure:

- geographical coverage – both northern and southern provinces.
- administrative coverage – at least one sub-project in every district
- representative sub-project types – all five project types selected
- ease of access representation – some remotely located sub-projects are included
- construction methods representation – community and contractor implemented works included.

**Table 1 Summary of final selected sub-projects**

No.	Province	Final selected sub-project					Total
		Road	Water	Irrigation	School	Dispensary	
1	Attapeu	2	2	2 (1)	2 (1)	0	8 (2)
2	Houaphan	1 (1)	3 (2)	3 (1)	1 (1)	0	8 (5)
3	Luangnamtha	2 (1)	4 (2)	1	0	0	7 (3)
4	Luangprabang	4 (1)	1 (1)	1	1 (1)	1 (1)	8 (4)
5	Oudomxai	4 (1)	1 (1)	4 (2)	1	1	11 (4)
6	Phongsaly	3	3	1	2 (1)	0	9 (1)
7	Salavan	2 (1)	3 (1)	2	1 (1)	0	8 (3)
8	Savannakhet	3	1 (1)	2 (1)	1 (1)	1 (1)	8 (4)

No.	Province	Final selected sub-project					Total
		Road	Water	Irrigation	School	Dispensary	
9	Xekong	1 (1)	4	3	1 (1)	0	9 (2)
10	Xiengkhouang	2	4 (1)	1 (1)	1	0	8 (2)
<b>Grand Total</b>		<b>24 (6)</b>	<b>26 (9)</b>	<b>20 (6)</b>	<b>11 (7)</b>	<b>3 (2)</b>	<b>84 (30)</b>

Note: Figures in brackets represent sub-projects with benefits assessment interviews.

## 4 TECHNICAL EVALUATION METHODOLOGY

### 4.1 Sub-project types

The selected sub-projects were categorized into four types (schools and dispensaries were combined into “Buildings”).

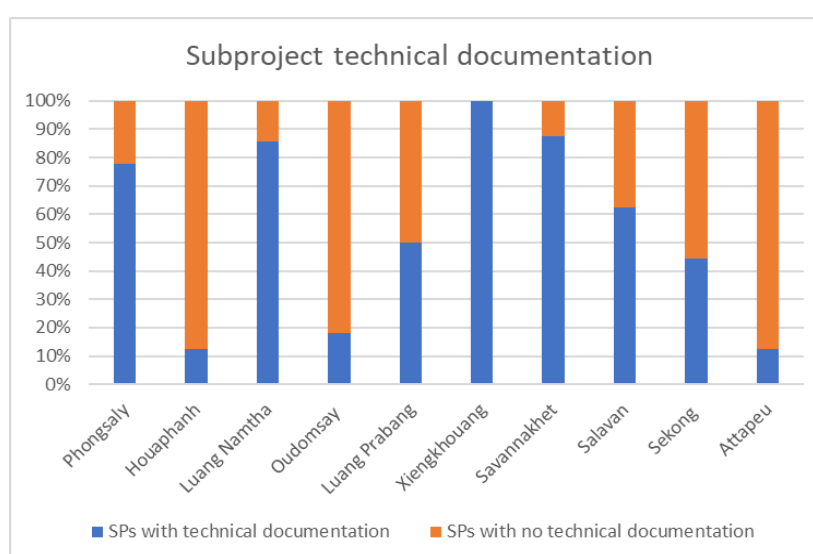
**Table 2 Sub-project type and number**

Type	Sub-project Type	No. of selected sub-projects	Percent
1	Road	24	29
2	Gravity-fed water supply	26	31
3	Irrigation	20	24
4	Buildings	14	17

### 4.2 Technical Evaluation Questionnaire/Checklist

Field evaluation carried out was based on the technical evaluation questionnaire/checklists for each of the sub-project type. These were uploaded in electronic format in ODK for field use. The printout of the questionnaires/checklists are shown in Annex 1.

Typically, a comparison between the design and the implementation should form part of the sub-project technical evaluation. However, it was noted that the technical documentation for the sub-projects were not readily available. Some documents were recently sent to the PRF Office in Vientiane where they have not yet been sorted or properly filed. Others were still located at the provinces and were termite ridden and no longer readable.



**Figure 1 Sub-project technical documentation availability**

The figure above shows that nearly half of the total sub-projects selected did not have relevant technical documentation available for review. Some provinces such as Houaphanh and Attapeu are the worst offenders with nearly 90% of the sub-projects missing documentation. Whilst Xiengkhouang province was the only province that had 100% documentation available.

The field evaluation questionnaire/checklists included questions to the village authority on matters regarding environment and social protection as well as maintenance which are not readily evident through visual observations alone.

The checklists for each sub-project type breaks down the works into their pertinent components. For roads, the key components for an effective road are vertical grade, drainage provisions and carriageway. For gravity-fed water supply system, the components include the headworks/intake, transmission, settling, storage and distribution and the final stage of dispensing tap stands etc.

### 4.3 Rating System

#### 4.3.1 Overall Quality

The components for each type of infrastructure were assessed and rated in their current condition as either “good”, “fair”, “poor” or “NA”. The quality for the whole infrastructure is then evaluated based on the highest quantity of the individual component assessments. The quality of workmanship has been assessed taking into account the environment in which the construction works has been implemented. That is, a “good” in these sub-projects would not compare to the quality expected for construction works in Vientiane.

**Good:** Component overall in good condition in terms of workmanship and fully functioning as intended.

**Fair:** Component in reasonable condition but still functioning as intended.

**Poor:** Component in a deteriorated condition with some loss of functioning capacity.

**NA:** Some components were not applicable in some of the sub-projects (i.e. no drainage culverts on some roads) or some components were inaccessible and could not be inspected (e.g. access to some headworks were not possible for some of the water supply and irrigation sub-projects).

The following demonstrates the overall road conditions as assessed.



Sub-project location: B. Bangvilay, Sanamxay District, Attapeu Province

Year of completion: 2020

Overall Assessment: **GOOD**



Sub-project location: B. Navaen, Viengkham District, Luang Prabang Province

Year of completion: 2020

Overall Assessment: **FAIR**





Sub-project location: B. Navaen, Viengkham District, Luang Prabang Province

Year of completion: 2020

Overall Assessment: **POOR**



#### ***4.3.2 Fitness for Purpose***

For this assessment, it was deemed sufficient to provide a Yes or No response. If the sub-project is still in operation, it is deemed fit for purpose. For the water supply sub-projects, analysis goes further into the various components.

#### ***4.3.3 Environmental Impact Considerations***

Detailed environmental impact assessments are generally carried out by environmental specialists. The assessment carried out by the team is only through superficial observations of obvious visual impacts. A question has also been included in the checklist to confirm with the villagers whether the works carried out were through any protected areas.

#### ***4.3.4 Social Impact Considerations***

Similarly, social impacts were assessed through a question to the villagers on whether any villagers were affected during the construction of the sub-projects.

#### ***4.3.5 Disaster Risk Management Considerations***

This is difficult to assess as there are no design reports available for the sub-projects to indicate that such considerations had been made.

Through the informant interviews, the teams tried to establish whether there have been any natural disaster events since the construction of the infrastructure and an assessment of how the infrastructure has fared under these events. A Good is applied for no recent natural disaster events and/or recent natural disaster events but no serious impact on infrastructure. A Poor is applied where natural disaster event has seriously impacted the infrastructure.



## 5 TECHNICAL FINDINGS

### 5.1 Irrigation

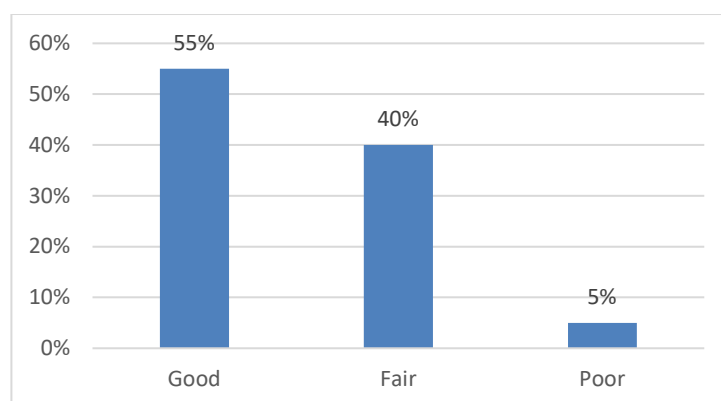
#### 5.1.1 Design

Irrigation sub-projects selected varies considerably in scope. Some of the works comprise only an earth embankment weir while others include a concrete weir with intake structures and canal works.

The designs of the weirs also vary from very basic with no gates on the weirs or canals to a comprehensive system. With the recent concerns regarding fisheries, especially the impact of weirs on migration routes, simple fish passes could be considered to lessen the impacts on fisheries. Gated weirs would also help with the potential to regulate environmental flows.

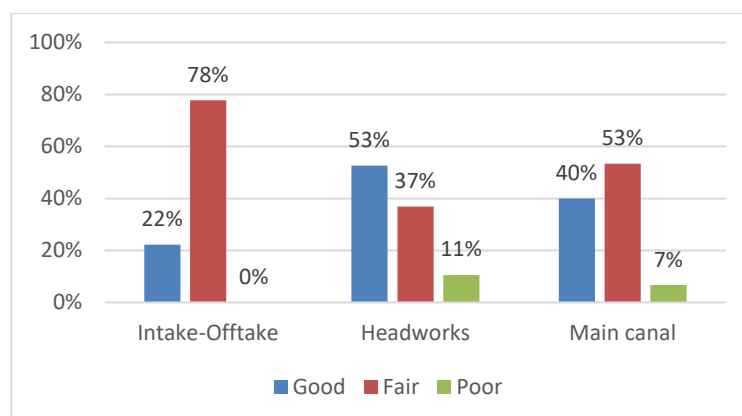
#### 5.1.2 Irrigation Sub-project Condition

Of the 20 weirs/irrigation systems evaluated, 55% were evaluated as Good overall and only 5% (representing 1 sub-project) was considered as Poor. The sub-project assessed as Poor is over 4 years old and had suffered from flooding which damaged the intake structure resulting in the failure of the whole system.



**Figure 2 Overall condition of irrigation sub-projects**

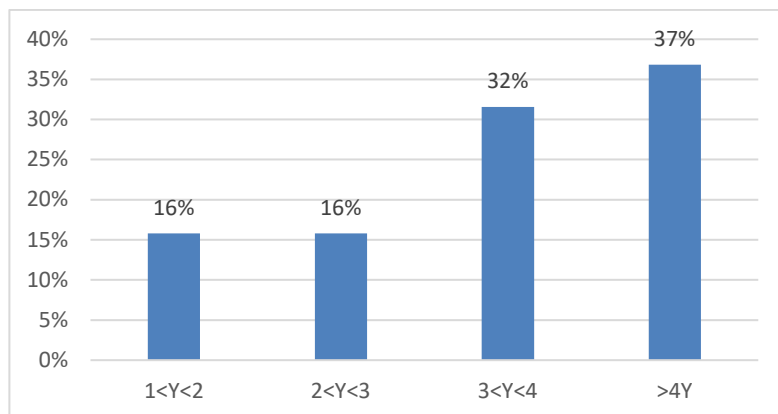
The individual components of the system were assessed. Intake-Offtake structures are mostly in fair condition with 22% in good condition. Nearly 90% the headworks evaluated are in good and fair condition only 11% assessed as poor. Similarly, just over 90% of the canals are assessed as good and fair with only 7% considered poor.



**Figure 3 Workmanship of irrigation components**

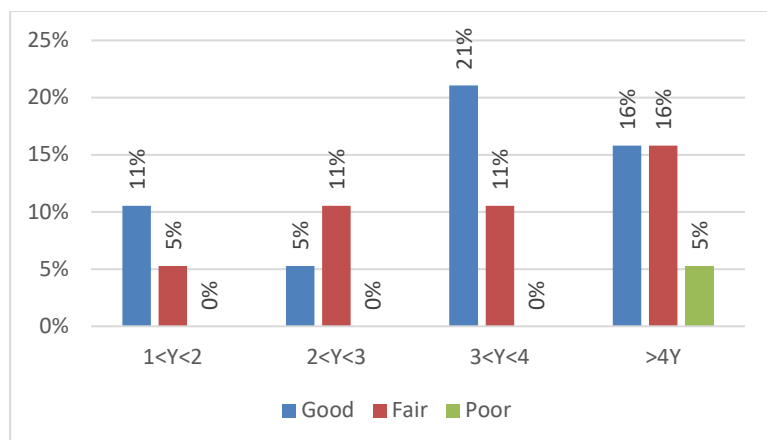
### 5.1.3 Irrigation schemes by age

Despite the random selection, about a third of the irrigation sub-projects were between 3 to 4 years old and 37% of the sub-projects over 4 years since completion. Sub-projects between 1 to 2 years and 2 to 3 years were both at 16%. The age is calculated as of 31 August 2022 following the inspection of the infrastructures.



**Figure 4 Percentage of evaluated irrigation schemes by age**

The age of the irrigation infrastructure is not indicative of the condition, 16% of the schemes over four years of age are still considered Good compared to only 11% of those between 1 to 2 years. Surprisingly, those schemes between 3 to 4 years have the highest percentage in the Good category.

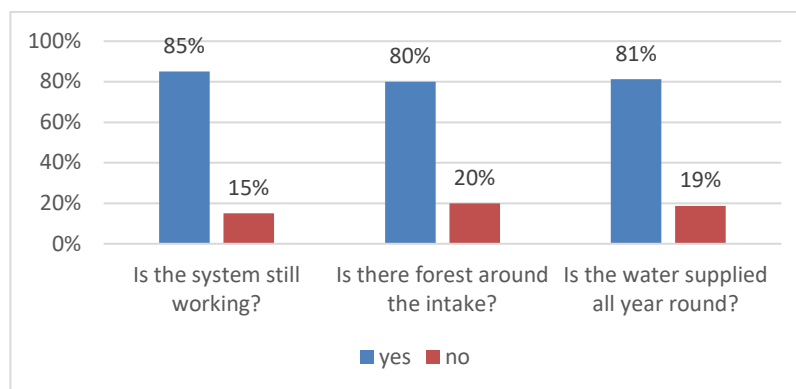


**Figure 5 Overall condition of irrigation schemes by age**

### 5.1.4 Fitness for purpose

Eighty-five percent of the schemes assessed are still in operation. The 15% (comprising of 3 sub-projects) are no longer in operation due to: (i) lack of water at the weir; (ii) broken irrigation pipe over a river crossing; and (iii) flooding damage to intake system.

Eighty percent of the systems still have good forest cover near the intake which will assist in the protection of the water source.

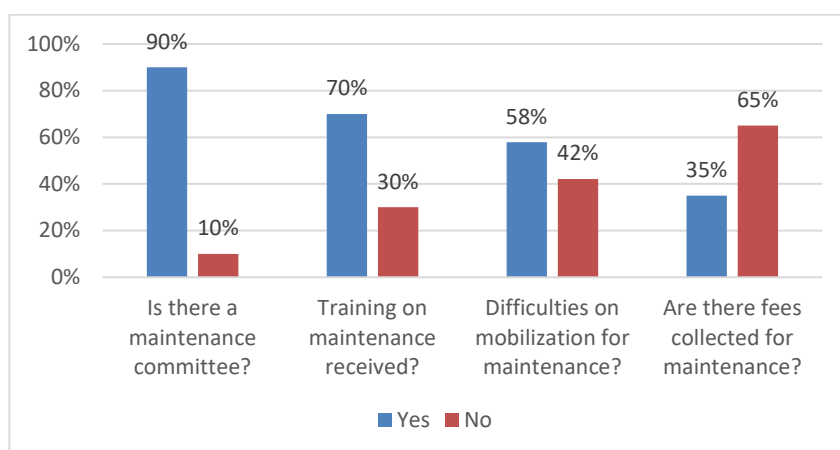


**Figure 6 Irrigation system status**

Some 19% of the schemes did not have a year-round water supply which limits the usefulness of the scheme.

### 5.1.5 Irrigation Maintenance

Ninety-percent of the sub-projects reported to have an established maintenance committee. It is understood that such committees have been established for all sub-projects but the 10% reportedly without a maintenance committee probably meant that they do not mobilize at all.



**Figure 7 Irrigation maintenance**

Only 70% of the sub-projects claimed that they have received training on maintenance and 58% of sub-projects reported difficulties in mobilization for maintenance activities. Sixty-five percent of the sub-projects do not collect any fees for maintenance. Fees varies from 2.000Kip/HH/year plus 50kg of rice per ha to 50.000Kip/HH/year. Maintenance activities cover only clearance of obstructions and debris from the system.

## 5.2 Road

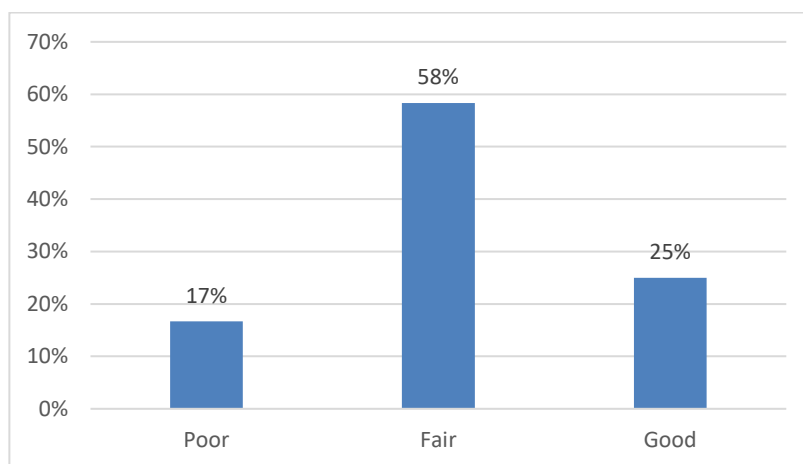
### 5.2.1 Design

The road designs are basic earth roads intended to provide basic access for villagers. The designs are “engineered” to a certain degree. The design documents available indicate the relevant components including cross drains, side drains, and carriageway crossfalls. The horizontal and vertical alignments generally follow the existing terrain and, in most cases, do not meet the minimum standards for the lowest road class (Class VII) of the Ministry of Public Works and Transport’s Lao Road Design Manual (2018).

It was noted in one sub-project - B. Tar Soom, Viengphoukha district in Luang Namtha province also has no cross culverts but the bidding documents show provisions for culverts. As there are no records of the construction or as-built drawings, the reasons for the deletion of the culverts from the contract is not clear.

### 5.2.2 Road Sub-project Condition

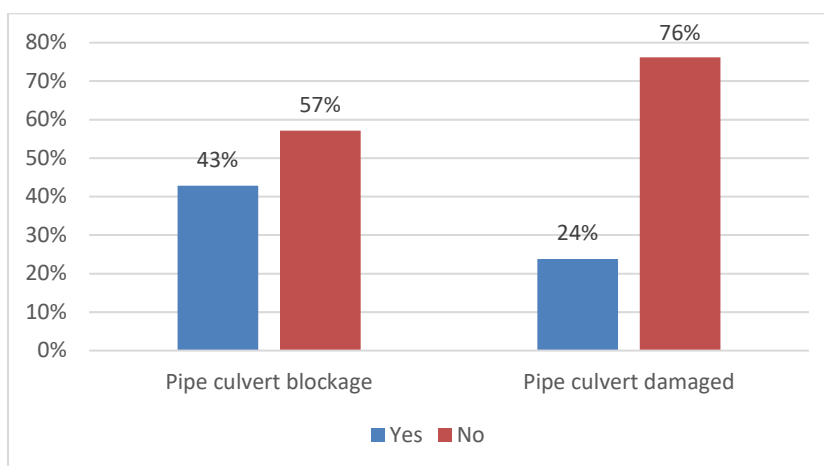
Figure 8 indicates that over half of the sub-projects assessed were assessed as Fair and a quarter of the sub-projects remained in Good condition and only 17% are Poor.



**Figure 8 Overall condition of roads**

It is noted that the four sub-projects assessed as Poor, are all in the northern provinces (Xieng Khouang, Oudomxay, and Phongsaly) in mountainous terrain.

The Poor condition roads are due to poor surface drainage. The side drains are generally silted up or no longer a well-defined channel as originally constructed and some cross-drains blocked and/or damaged (Figure 3 above). The cross-sectional profiles of the roads are no longer clearly defined and have longitudinal scouring of the carriageway.

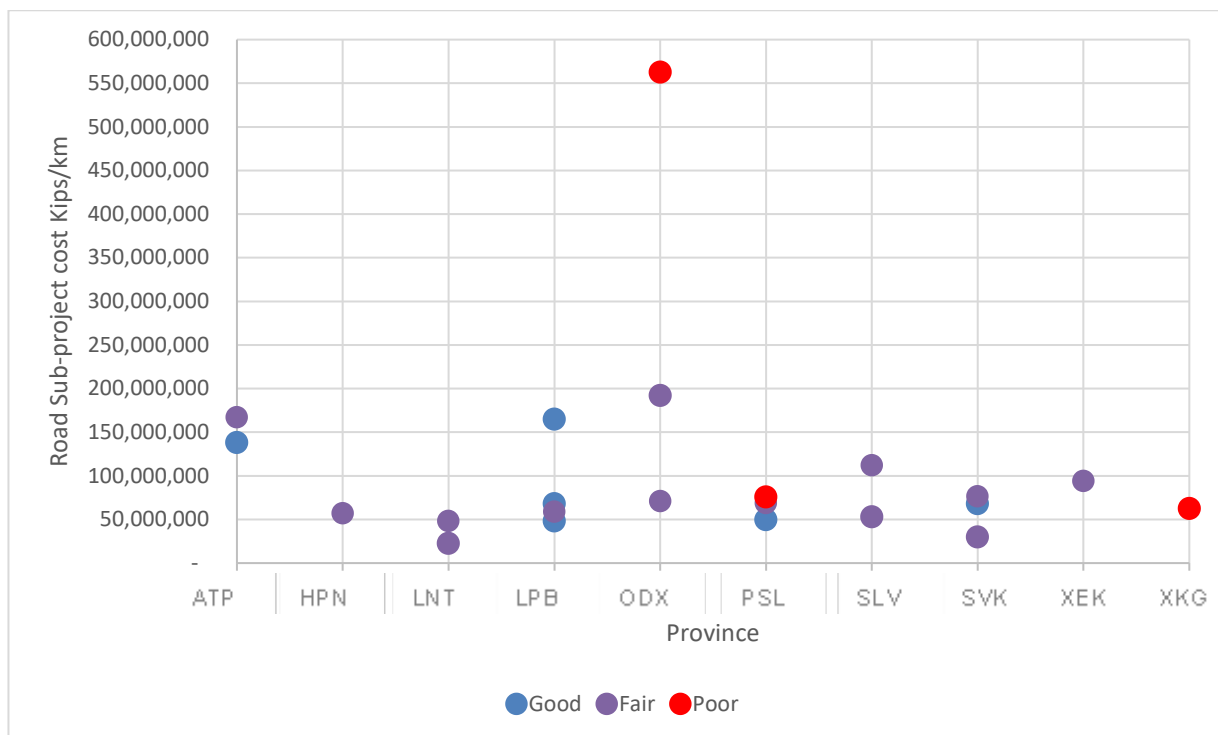


**Figure 9 Pipe culvert condition**

Less than half of culverts were blocked and less than a quarter damaged suggesting reasonable maintenance activities since most sub-projects were over 3 years.

B. Taleup, Hoon district in Oudomxay province has 10km of road rehabilitated but no cross culverts provided.

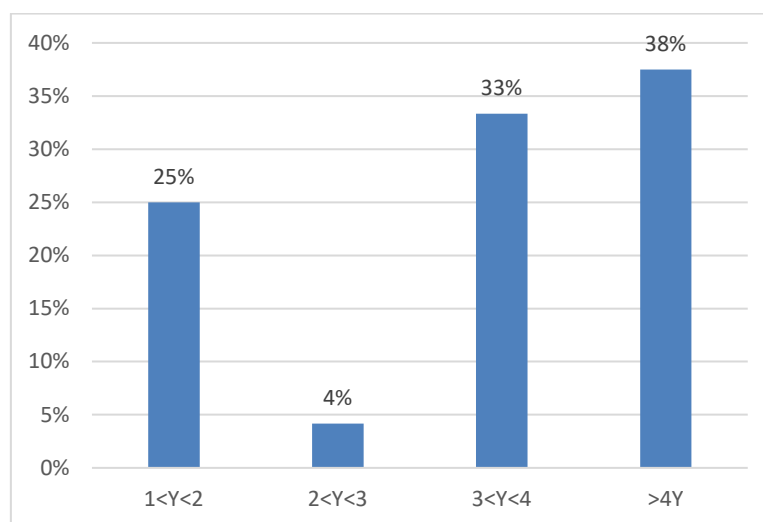
An assessment of the cost per km gives a median cost around 92,000,000 Kip per km of varying quality, but mostly Fair. The outlier, from Oudomxay province at 562,000,000 Kip/km is the highest costing road sub-project which includes a large box culvert.



**Figure 10 Road condition compared to investment cost**

### 5.2.3 Road Sub-project by Age

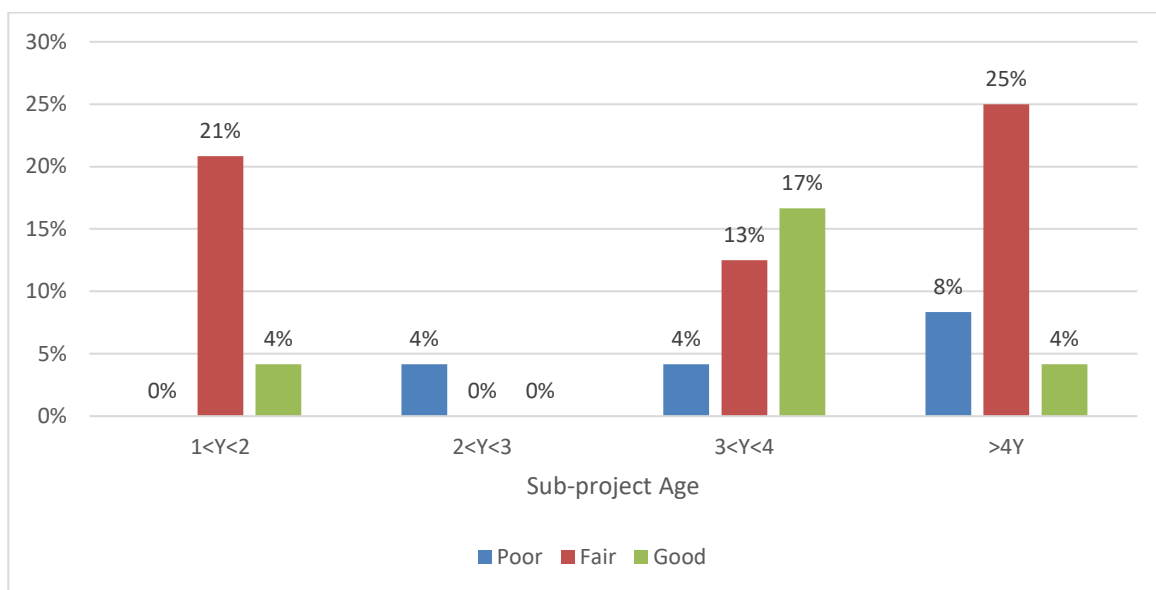
About two thirds were between 3 to 4 years old and over four years since completion and twenty-five percent were between 1 to 2 years with only 4% between 2 to 3 years. The age is calculated as of 31 August 2022 following the inspection of the infrastructures.



**Figure 11 Percentage of road sub-projects evaluated by age**

There does not appear to be a correlation between the age of the sub-project and its condition. Of the 25% of sub-projects assessed as Good, 17% are between 3 to 4 years and 4% are over

4 years while the 16% of sub-projects assessed as Poor, 4% are between 2 to 3 years; another 4% between 3 to 4 years and 8% are over 4 years.



**Figure 12 Overall condition of roads by age**

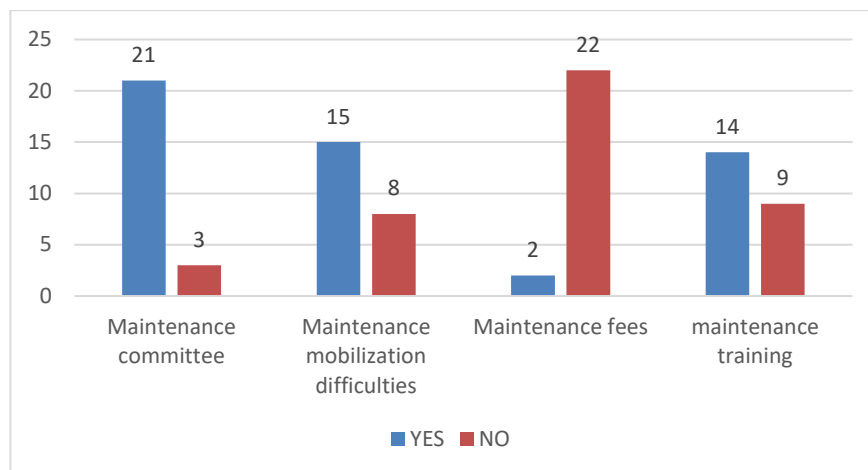
#### 5.2.4 Fitness for purpose

All roads visited are still accessible at the time of visit.

#### 5.2.5 Maintenance

It is understood from the PRF team that all sub-projects had received maintenance training and assistance in establishing a maintenance committee. However, the village informant for three sub-projects indicated that they had no maintenance committee and nine sub-projects claimed no maintenance training was received.

Sixty-five percent of the sub-projects have difficulties in mobilization for maintenance and 87% do not collect any maintenance fees including the eight sub-projects that claimed no difficulties with maintenance mobilization. All three sub-projects that collect maintenance fees still claim difficulties with maintenance mobilization. Fees are 3.000 Kip/HH/year and 20.000 Kip/HH/year for the two sub-projects.



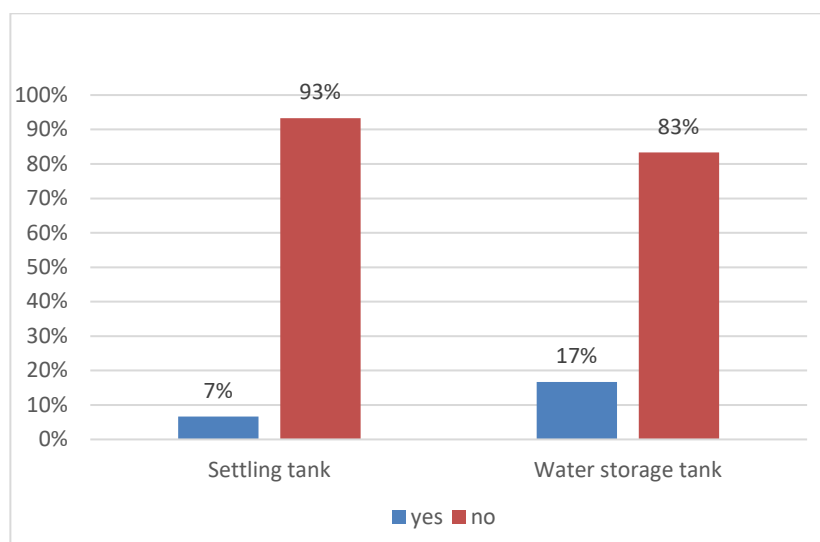
**Figure 13 Road maintenance situation**

Average maintenance frequency range from 0.25 times to a maximum of 12 times per year.

### 5.3 Gravity-fed Water Supply Systems

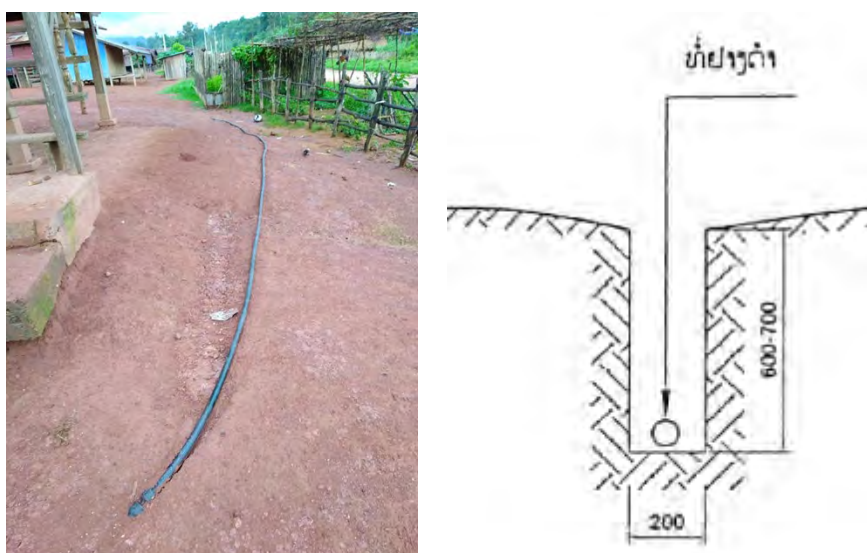
#### 5.3.1 Design

It is noted that there are some inconsistencies in the standards of the water supply systems implemented. Basic requirements for safety and security would include fencing around the water storage tanks and tap stands. However, some of the designs do not include such facilities and some include but were either not implemented or have since been removed. The figure below shows that only a small percentage have security fencing.



**Figure 14 Fencing around water tanks**

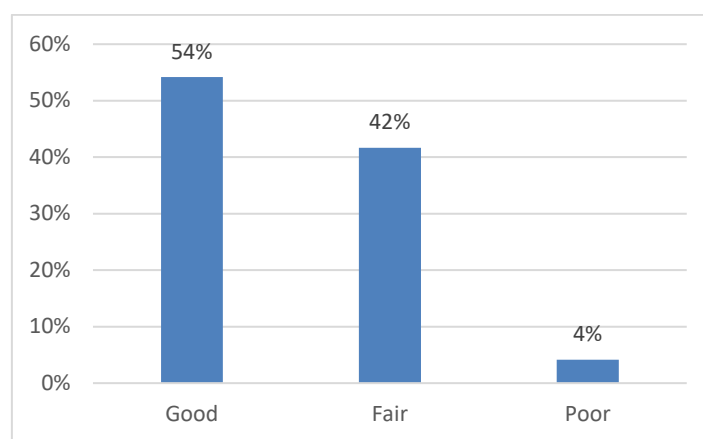
Other aspects of the design are generally good and complies with good standards of practice. Although design and implementation do not often correspond for pipework.



**Figure 15 Design vs implementation**

#### 5.3.2 Gravity-fed water supply sub-project condition

The quality of the workmanship on the structural components is satisfactory. Over 50% of the water supply sub-projects were assessed as Good, 42% as Fair and only 4% as Poor.



**Figure 16 Overall condition of water supply sub-projects**

The workmanship on some of the individual components such as the tanks have good ratings in the upper 60 and 70%.



**Figure 17 Water supply workmanship**

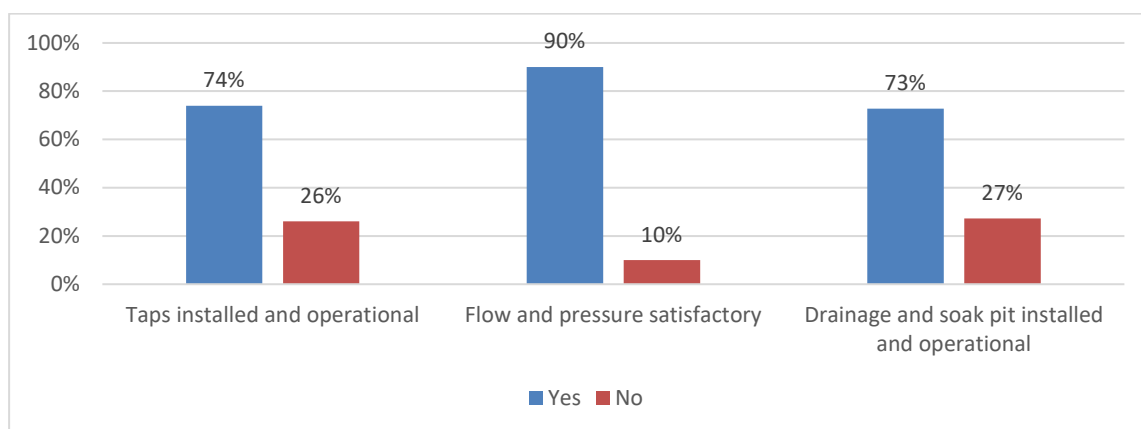
However, the water transmission and distribution systems are prone to leakage. Over half of the transmission lines are noted to leak and nearly 50% of the distribution lines.





**Figure 18 System leakage**

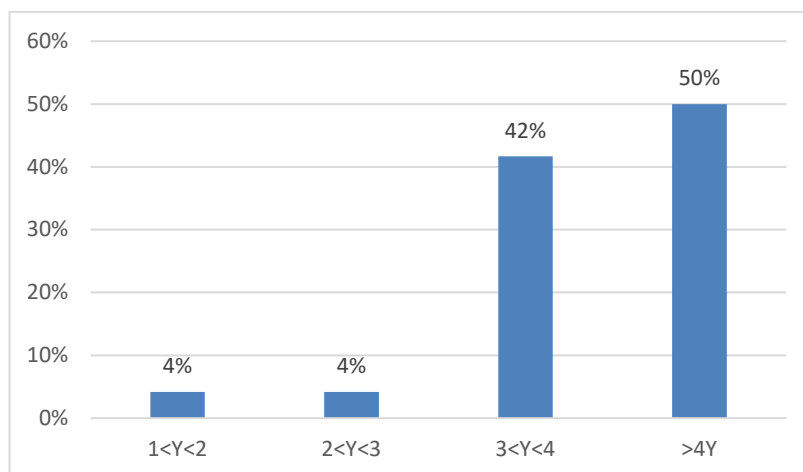
At the usage end, the tap stands, flow and pressure are generally satisfactory with nearly 75% operating as desired.



**Figure 19 Tap stand operational status**

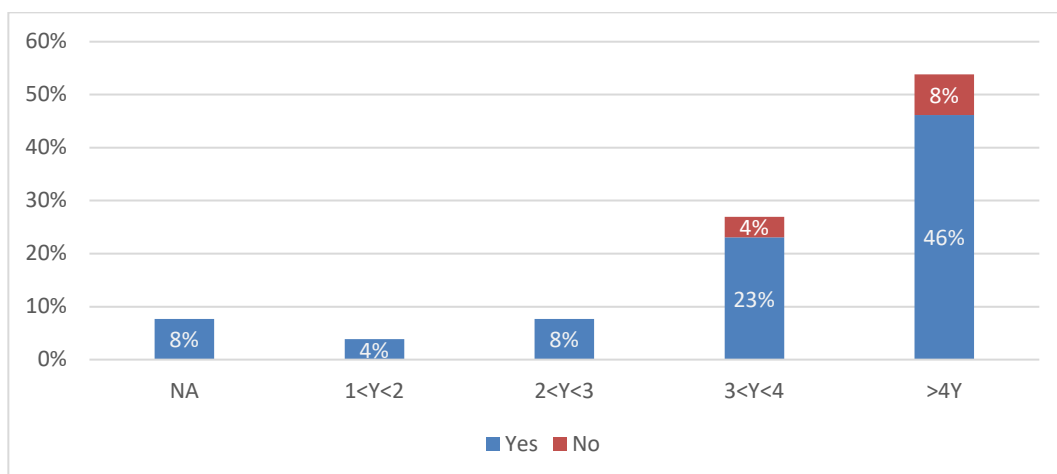
### 5.3.3 Gravity-fed water supply sub-project by age

The majority, 92% of the 31 systems assessed were older than 3 years and some 50% were over 4 years.



**Figure 20 Percentage of water supply system evaluated by age**

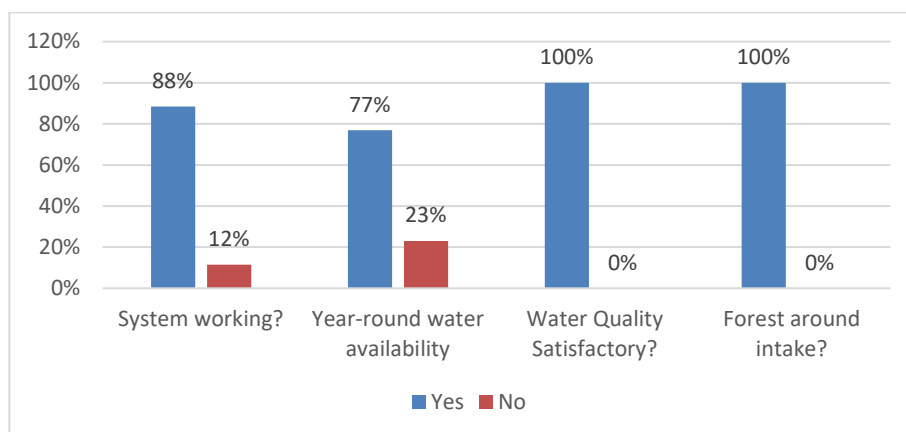
Only 12% of the systems are no longer in operation all of which are over 3 years of age.



**Figure 21 Systems in operation by age**

#### 5.3.4 Fitness for purpose

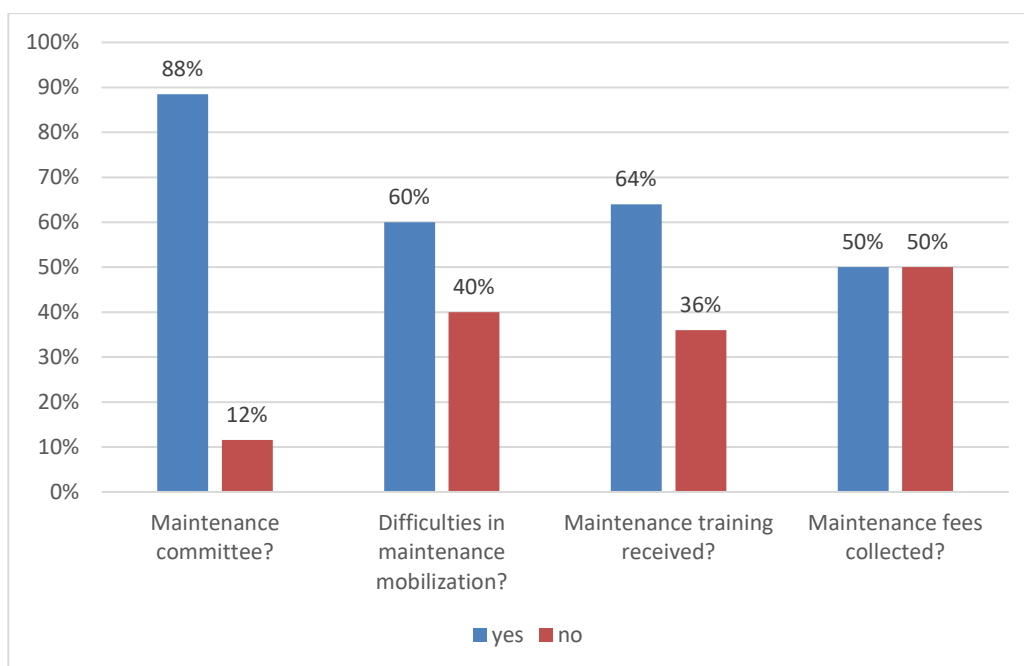
As mentioned above, 12% of the systems are no longer operational. One system was reported to have failed within a few days of handover, one reported low flow from the selected source during the dry season, one required too much maintenance which the villagers are unable to keep up and one only failed just before the evaluation team's visit.



**Figure 22 Water supply system status**

### 5.3.5 Maintenance

Like other sub-projects, some villages reported no active maintenance committees. For the water supply sector, 60% of villages reported difficulties in mobilizing for maintenance. Thirty-six percent reported not having received maintenance training. Thirty-six percent reported not having received maintenance training.



**Figure 23 Gravity-fed water supply maintenance**

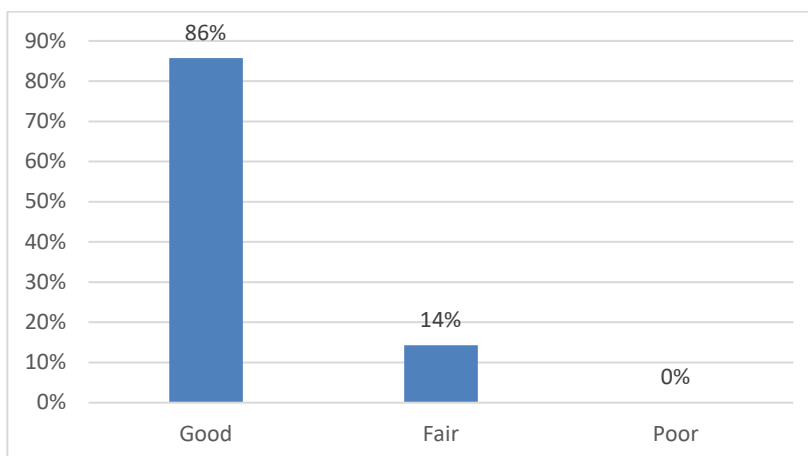
Reported maintenance frequency range from 0 to as high as an average 62 times per year.

## 5.4 Buildings

### 5.4.1 Design

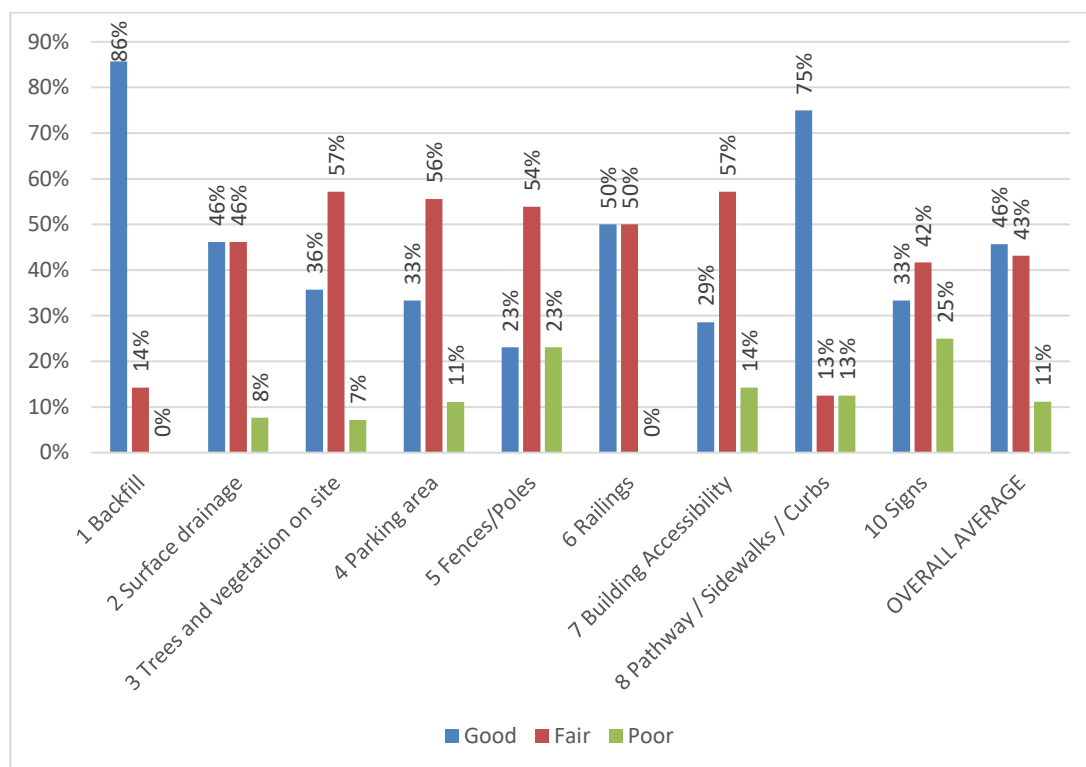
A reassessment of the structural design of some of the school buildings indicate that some of the structural members are below international standards (BS8004) for schools. This does not imply that the structures are of concern, merely that the factors of safety are less than normally required and that the design life is shorter from the normal 50-year to about 20 years.

### 5.4.2 Building sub-project condition



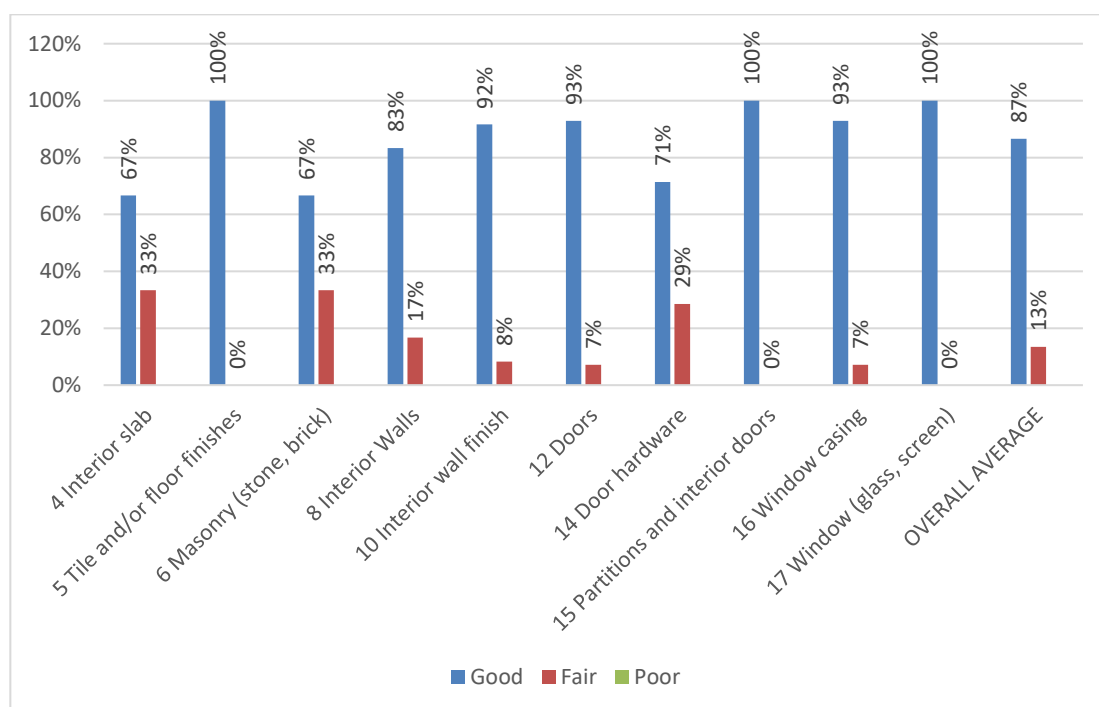
**Figure 24 Overall condition of buildings**

Building works are overall in good visual condition with nearly 90% assessed as good and none assessed as poor.



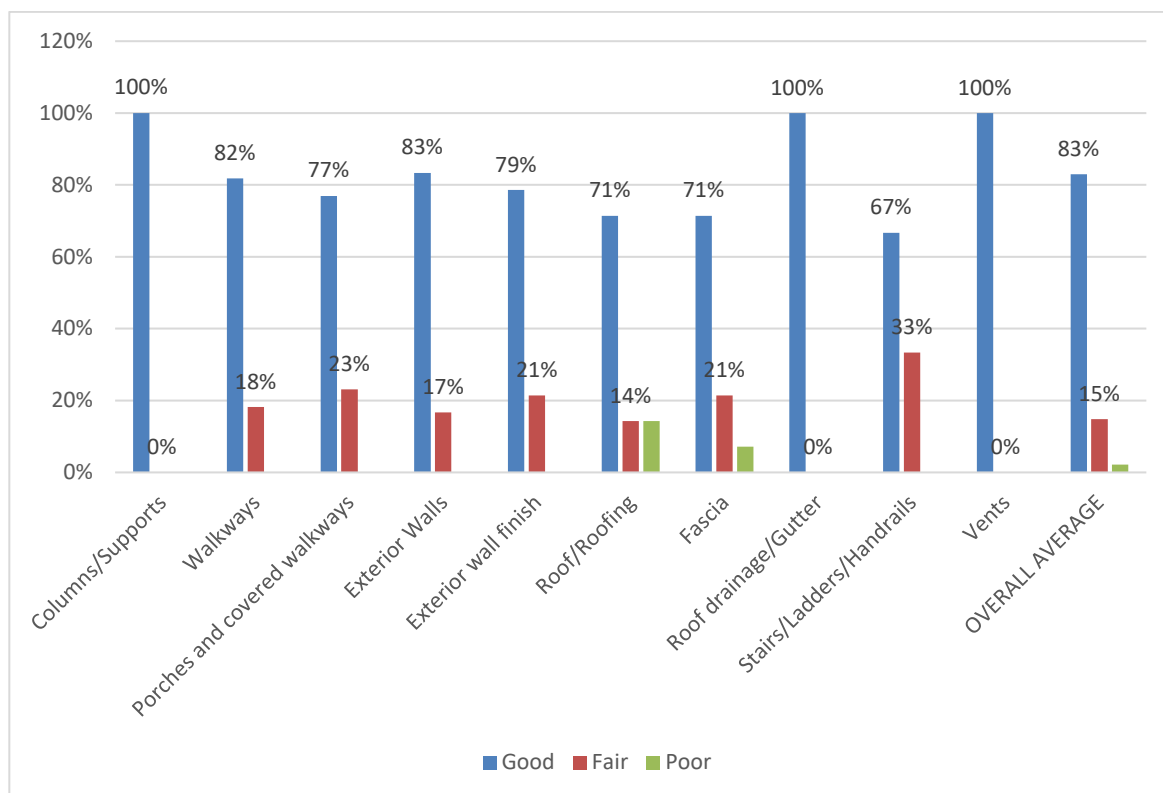
**Figure 25 Site works condition**

Landscaping works are on average in fair condition.



**Figure 26 Architectural works – interior condition**

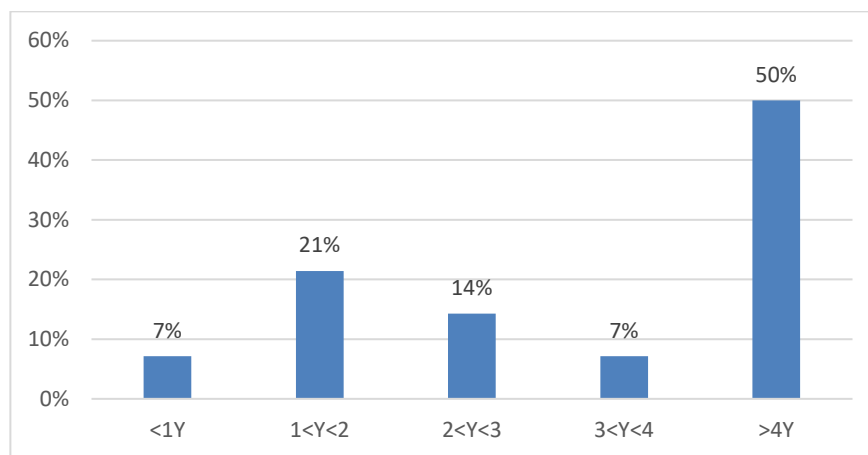
Both architectural interior and exterior works are in good condition with negligible features assessed as poor.



**Figure 27 Architectural works - exterior condition**

#### 5.4.3 Building sub-project by age

Half of the buildings assessed were over 4 years old.



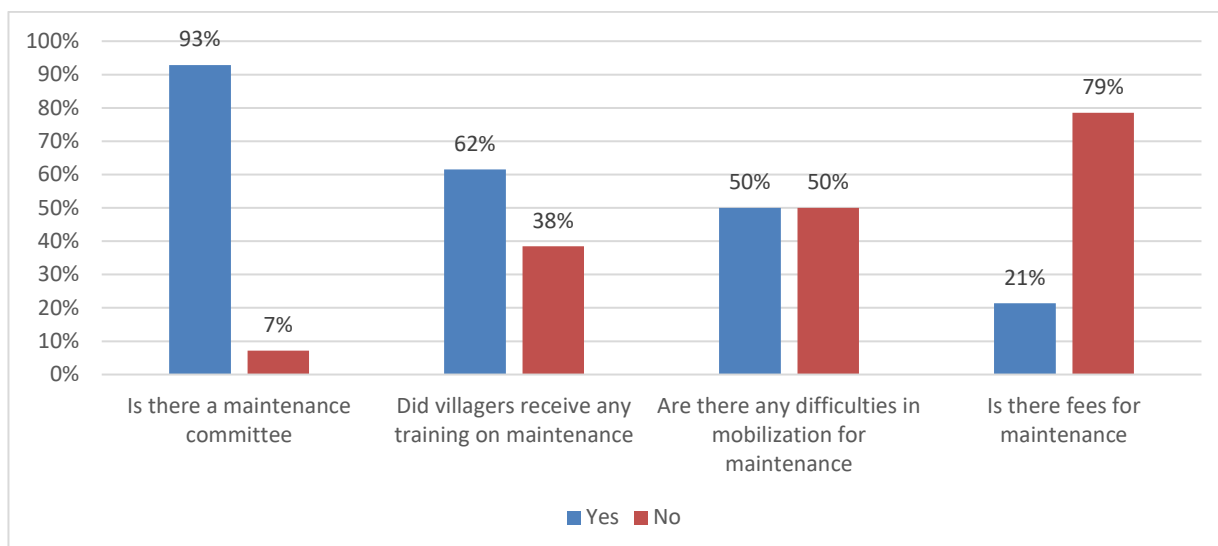
**Figure 28 Building sub-projects evaluated by age**

#### 5.4.4 Fitness for purpose

All buildings are 100% in service with no major issues.

#### 5.4.5 Maintenance

More than 90% reported an active maintenance committee but only 62% reported having received any training on maintenance. Fifty per cent of sub-projects reported difficulties in mobilization for maintenance. Only 21% of sub-projects collect fees for maintenance as some use the village fund for school maintenance.

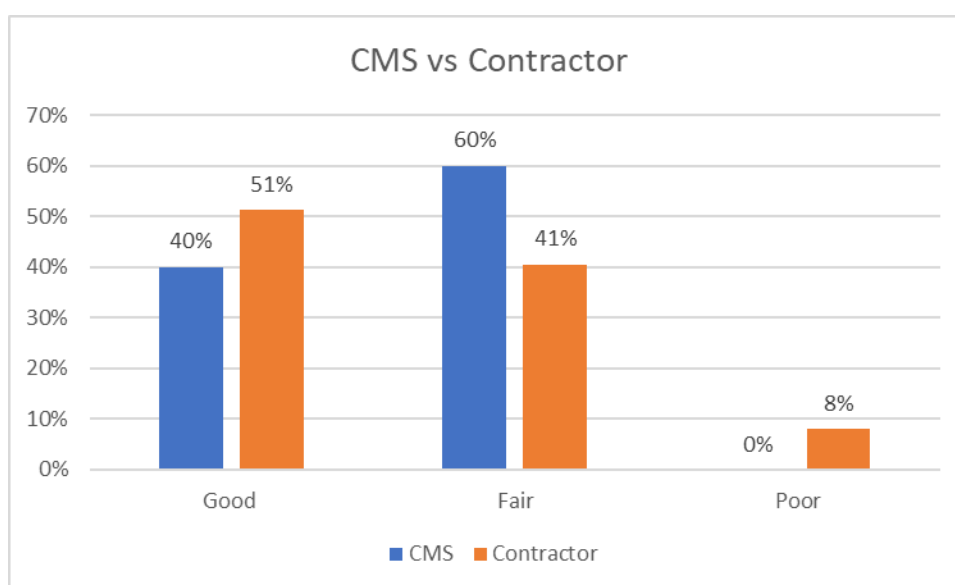


**Figure 29 Building maintenance**

Reported maintenance frequency range from 0 to an average of 2 times per year. Seventy-one percent of sub-projects carry out no maintenance on the buildings at all.

### 5.5 Construction method (Contractor vs CMS)

Of the 84 selected sub-projects, 10 were CMS sub-projects. In terms of overall quality of the sub-projects, there does not appear to be a significant difference between those carried out through CFA and those through direct contractor contract. Both had varying conditions between good and fair, although the contractor implemented works have a higher percentage assessed Good at 51% compared to only 40% with CMS implemented works. However, 8% of the contractor implemented works were assessed as Poor but none from the CMS implemented works.

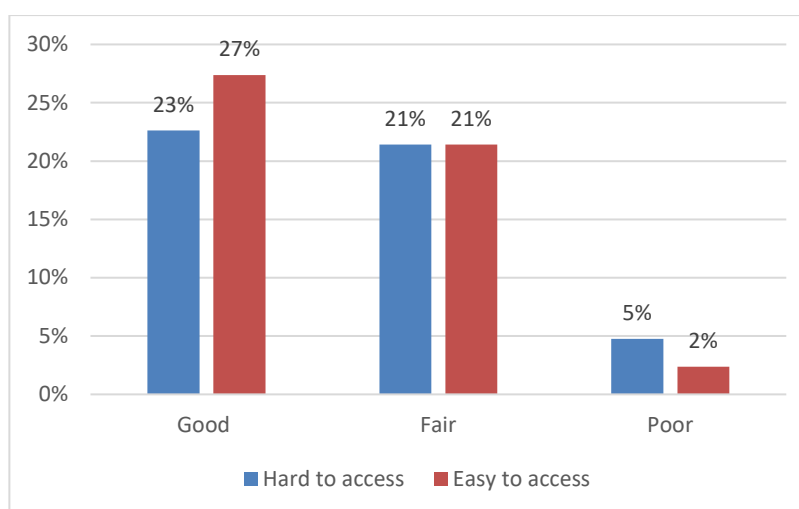


**Figure 30 CMS vs contractor implementation**

The fact that there are no Poor works in the CMS sub-projects would indicate that perhaps more care has been given to their implementation by the community. Where most of the works are assessed as Fair, could be attributed to the fact that community skills level is still at a lower standard as they have not yet had much practice.

## 5.6 Ease of accessibility of sub-project

As to be expected, the sub-projects that are easy to access showed a higher percentage of being in good condition and lower percentage in the poor condition although not by a very significant margin.



**Figure 31 Sub-project accessibility and condition**

## 6 ENVIRONMENT AND SOCIAL IMPACTS AND DISASTER RISK

Six of the 84 sub-projects reported that the works were constructed within a protected area. Some required provincial approval to proceed with mitigation measures during the construction. All reported no issues with environmental management. The visual observations did not note any detrimental impacts of the infrastructure on the environment. As most of the sub-projects evaluated were older than three years, this would have been sufficient time for the recovery of the environment.

	Yes	No
Works in protected area?	6	78
Works affecting personal properties?	18	66
Works affected by natural disasters?	27	57

Some 18 sub-projects reported impacts on personal property due to the construction of the sub-projects. The majority of the affected voluntarily contributed land and assets to the project while some received compensation through land exchange or cash compensation by the contractor.

Of the 84 sub-projects, 27 (32%) reported the infrastructures having been impacted by natural disasters. In all cases for irrigation and water supply sub-projects, flooding or rising water was the main impact to infrastructures affecting the intake structures or the pipelines/canals. For the roads, heavy rainfall was the main culprit causing landslides and flooding of roadways.

## 7 CONCLUSIONS, RECOMMENDATIONS AND BEST PRACTICES

Despite most of the villages claiming difficulties in mobilization for maintenance, most of the sub-projects are still in good to reasonable conditions.

## **7.1 Documentation**

As noted in section 4.2, the availability of the technical documentation for review is incomplete. Documents are not easily accessible and are improperly filed. To be able to fully assess the infrastructures, it is important to be able to know the full history of the sub-project from design to construction completion.

Design reports for each sub-project documenting the basic design assumptions, through to completion report with as-built drawings would be useful in determining the reasons for changes between the design and the construction i.e. where one road sub-project was completed without cross culverts when the design drawings included culverts.

These documents could be scanned, catalogued, and saved to the cloud to avoid loss or damage and be accessible at any time.

## **7.2 Irrigation**

Irrigation works are overall in good and fair condition even those over 3 or 4 years of age with only a small percentage currently not working. These are due to damage caused by flooding which cannot be designed out completely in any case.

Consideration for low-cost fish passage at weirs would be ideal but has to be balanced with the already limited funding. However, control gates at weirs should be standard to allow for controlled release of water, if and when required.

The current designs show variable standards. More consistent standard could be incorporated if the PRF can introduce their own typical standards that can be adapted for different situations.

## **7.3 Roads**

The roads are basic accesses that are still very beneficial to the villagers. At a median cost of around 92,000,000 per km they are very good value.

Earth roads are prone to erosion particularly in steep areas. Regular maintenance using labour is limited to the infilling of minor potholes and small-scale clearance of drains. Periodic maintenance requiring machinery such as the regrading of the carriageway is still necessary to ensure the surface crossfalls. Emergency clearance of the larger landslides are also essential to keeping the accesses in good condition.

For roads, focusing on the provision of good drainage with the limited funds would be more practical to ensure a longer life. Drainage can be easily maintained using manual labour. Although slope stabilizations continue to be an issue, the investment cost for slope protection is much greater than investment in good drainage.

## **7.4 Gravity-fed Water Supply**

Based on the assessment, the defects are mainly in the water transmission/distribution systems. It is noted that most of the pipelines, possibly because these are installed by the community themselves are not properly installed per design, e.g. buried to a certain depth. When the pipes are exposed, they become more prone to damage and leakage.



As mentioned in section 6, water supply systems failure are mainly from flooding causing debris impact on the exposed pipelines. A focus on the protection of these would reduce the exposure to such damage.

## **7.5 Buildings**

Visual condition of the buildings are generally good with only cleaning required. However, a standardization of the designs to specific standards would ensure consistency of quality.

## **ANNEX 1 EVALUATION QUESTIONNAIRE/CHECKLIST**

ODK Form - PRF

Technical Assessment - Laos Poverty Reduction Fund

[ Interviewer ]  
Name of the interviewer  
Username:

[ Date ]  
today  
Today: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

[ Starttime ]  
start  
Start time:

[ Endtime ]  
end  
End time:

1.1 Interviewee

[ Interviewee ]  
1.1.1 Interviewee name

[ Position ]  
1.1.2 Occupation/Position

[ Organization ]  
1.1.3 Organization

[ Telephone ]  
1.1.4 Telephone number

[ Photo ]  
Photo of interviewee (if any)  
Image:

II. Sub-project location

[ Province ]  
2.1 Province  
Choose only one option:

<input type="radio"/>	P. Attapeu
<input type="radio"/>	P. Houaphan
<input type="radio"/>	P. Louangnamtha
<input type="radio"/>	P. Louangphabang
<input type="radio"/>	P. Oudomxai
<input type="radio"/>	P. Phongsaly
<input type="radio"/>	P. Salavan
<input type="radio"/>	P. Savannakhet
<input type="radio"/>	P. Xekong
<input type="radio"/>	P. Xiengkhouang

[ District ]  
2.2 District  
The choice list of this question (comprising 53 choices) was replaced with a text field due to this question having choice filter and more than 10 choices.

• Relevant when:  
2.2 District was answered with Other.

[ Other\_d ]  
2.2.1 Specify other district

[ Village ]  
2.3 Village  
The choice list of this question (comprising 132 choices) was replaced with a text field due to this question having choice filter and more than 10 choices.

• Relevant when:  
2.3 Village was answered with Other.

[ Other\_v ]  
2.3.1 Specify other village

[ Kumban\_name ]  
2.3.2 Kumban name

[ Population ]  
2.4 Population

[ Lao\_Tai ]  
2.4.1 Lao Tai

[ Hmong ]  
2.4.2 Hmong

[ Mone\_kmer ]  
2.4.3 Mone-kmer

[ Other\_ethnic\_group ]  
**2.4.4 Other**

[ Female ]  
**2.5 Female**

[ Household ]  
**2.6 Household**

[ vulnerable\_HHs ]  
**2.7 Vulnerable households**

[ farmer\_HHs ]  
**2.8 Number of farmer households in the village (HHs)**

[ Number\_of\_school ]  
**2.9 Number of school**

[ Student ]  
**2.10 Number of Student**

Photos related to village

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Vi</div><div><div>[ description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div></div>					

[ Category ]  
**Select sub-project**

Choose one or more options:

<input type="checkbox"/>	1. Primary school / Dispensary
<input type="checkbox"/>	2. Road
<input type="checkbox"/>	3. Water supply
<input type="checkbox"/>	4. Irrigation
<input type="checkbox"/>	5. Social

• Relevant when:

Select sub-project was answered with 1. Primary school / Dispensary .

**III. School / Dispensary Building**

**III.1 Construction**

[ StartDate ]  
**1 Start date of construction**  
Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

• Relevant when:

1 Start date of construction is greater than 0.

[ CompleteDate ]  
**2 Completion date of construction**  
Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

[ Cost ]  
**3 Cost of construction (kip)**

[ Contractor ]  
**4 Type of Contractors**  
Choose only one option:

<input type="radio"/>	Construction company
<input type="radio"/>	Construction company + Villager
<input type="radio"/>	Villager
<input type="radio"/>	OMC
<input type="radio"/>	RMG
<input type="radio"/>	Other (specify)

• Relevant when:

4 Type of Contractors was answered with Other (specify) .

[ Other\_Contractor ]  
**4.1 Other, specify**

[ Detail\_Address ]  
**4.2 Detail/Address of contractor**

[ Scope\_of\_work\_of\_RehabConstruction ]  
**5 Scope of work of Rehab/Construction**  
Choose only one option:

<input type="radio"/>	New Construction
<input type="radio"/>	Rehabilitation

[ Scope\_of\_work\_in\_detail ]  
**6 Scope of work in detail**

**III.2.5 Maintenance**

[ Is\_there\_a\_road\_maintenance\_committee\_Sc ]  
**1 Is there a maintenance committee**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

[ Is there a maintenance committee ] was answered with [ Yes ].

[ If yes date of established ]

**2\_ If yes, date of established**

Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

---

• Relevant when:

[ Is there a maintenance committee ] was answered with [ Yes ].

[ How many members\_Sc ]

**3 How many members**

---

• Relevant when:

[ 3 How many members ] was NOT answered with 0 [ AND ] [ 3 How many members ] was NOT answered with ".

[ No\_of\_head\_of\_committee\_role ]

**4\_ No. of head of committee role**

---

• Relevant when:

[ 3 How many members ] was NOT answered with 0 [ AND ] [ 3 How many members ] was NOT answered with ".

[ No\_of\_treasurer\_role ]

**5\_ No. of treasurer role**

---

• Relevant when:

[ 3 How many members ] was NOT answered with 0 [ AND ] [ 3 How many members ] was NOT answered with ".

[ No\_of\_care\_taker\_role ]

**6\_ No. of care taker role**

---

• Relevant when:

[ 3 How many members ] was NOT answered with 0 [ AND ] [ 3 How many members ] was NOT answered with ".

[ No\_of\_other\_role\_Sc ]

**7\_ Other roles**

---

• Relevant when:

[ 7\_ Other roles ] was NOT answered with 0 [ AND ] [ 7\_ Other roles ] was NOT answered with ".

[ Number\_of\_other ]

**8\_ Number of other role**

---

• Relevant when:

[ 3 How many members ] was NOT answered with 0 [ AND ] [ 3 How many members ] was NOT answered with ".

[ Number\_of\_female\_committee ]

**9\_ Number of female committee**

---

• Relevant when:

[ Is there a maintenance committee ] was answered with [ Yes ].

[ Did committee members receive any training ]

**10 Did committee members receive any training**

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Did_villagers_receive_any_training_on_maintenance ]	
<b>11 Did villagers receive any training on maintenance</b>	
Choose only one option:	
<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ How_many_times_have_maintenance_been_carried_out_since_completion_Sc ]	
<b>12 How many times have maintenance been carried out since completion</b>	

• Relevant when:	
[ 12 How many times have maintenance been carried out since completion ]	was NOT answered with 0 [ AND ]
[ 12 How many times have maintenance been carried out since completion ]	was NOT answered with ".

[ Are_there_any_difficulties_in_mobilization_for_maintenance ]	
<b>13 Are there any difficulties in mobilization for maintenance</b>	
Choose only one option:	
<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:	
[ 12 How many times have maintenance been carried out since completion ]	was NOT answered with 0 [ AND ]
[ 12 How many times have maintenance been carried out since completion ]	was NOT answered with ".

[ Remark_of_difficulties_in_mobilization_for_maintenance__ ]	
<b>14 Remark of difficulties in mobilization for maintenance</b>	

[ Is_there_fees_for_maintenance_Sc ]	
<b>15_ Is there fees for maintenance</b>	
Choose only one option:	
<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:	
[ 15_ Is there fees for maintenance ]	was answered with [ Yes ].

[ if_yes_price ]	
<b>16_ if yes, price (kip)</b>	

• Relevant when:	
[ 15_ Is there fees for maintenance ]	was answered with [ Yes ].

[ comment_of_fee ]	
<b>16.1_ remark of fee</b>	

[ and_other_payment_system_for_OM_Sc ]	
<b>17_ and other payment system for O&amp;M? (kip)</b>	

• Relevant when:	
[ 17_ and other payment system for O&M? (kip) ]	was NOT answered with " [ AND ] [ 17_ and other payment system for O&M? (kip) ] was NOT answered with 0.

[ comment_of_O_M ]	
<b>17.1_ remark of O&amp;M payment</b>	

III.2.6 Safeguards

[ Are\_the\_works\_in\_a\_protected\_area\_Sc ]  
**1 Are the works in a protected area?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
1 Are the works in a protected area? was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts ]  
**1.1 If yes, what actions were taken to avoid impacts**

[ Did\_the\_works\_affect\_any\_village\_land\_or\_personal\_property\_Sc ]  
**2 Did the works affect any village lands or personal property**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
2 Did the works affect any village lands or personal property was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts\_villagers ]  
**2.1 If yes, what actions were taken to avoid impacts**

[ Remark ]  
**3 Remark**

III.2.7 Disaster Risk

[ Does\_the\_area\_suffer\_from\_any\_natural\_disasters\_Sc ]  
**1 Does the area suffer from any natural disasters?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
1 Does the area suffer from any natural disasters? was answered with Yes.

[ If\_yes\_were\_these\_potential\_impacts\_considered\_in\_the\_design ]  
**1.1 If yes, were these potential impacts considered in the design**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Remark ]  
**2 Remark**

III.2.8 PRF (Training)

[ How\_many\_trainings\_were\_provided\_by\_PRF\_Sc ]  
**1 How many trainings were provided by PRF**

• Relevant when:  
1 How many trainings were provided by PRF was NOT answered with 0 AND 1 How many trainings were provided by PRF was NOT answered with ".

[ How\_would\_you\_rate\_these\_trainings ]  
**2 How would you rate these trainings**  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Remark ]  
**3 Remark**

[ Were\_trained\_villagers\_able\_to\_carry\_out\_the\_activities\_they\_were\_trained\_to\_do\_Sc ]  
**4 Were trained villagers able to carry out the activities they were trained to do**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
4 Were trained villagers able to carry out the activities they were trained to do was answered with No.

[ if\_not\_why ]  
**4.1 If not, why?**

[ Were\_there\_any\_follow\_up\_trainings\_provided\_Sc ]  
**5 Were there any follow -up trainings provided**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
5 Were there any follow -up trainings provided was answered with Yes.

[ If\_yes\_how\_many\_Time\_Year ]  
**5.1 If yes, how many (Time/Year)**

[ Remark ]  
**6 Remark**

III.2 Technical

III.2.1\_ Site works

[ Backfill ]  
**1 Backfill**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment1 ]  
**1.1 Comment**

• Relevant when:  
1 Backfill was NOT answered with NA.

[ Photo\_Backfill ]  
**Photo\_Backfill**  
Image:

[ Surface\_drainage ]  
**2 Surface drainage**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment2 ]  
**2.1 Comment**

• Relevant when:  
2 Surface drainage was NOT answered with NA.

[ Photo\_Surface\_drainage ]  
**Photo\_Surface drainage**  
Image:

[ Trees\_and\_vegetation\_on\_site ]  
**3 Trees and vegetation on site**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment3 ]  
**3.1 Comment**

• Relevant when:  
3 Trees and vegetation on site was NOT answered with NA.

[ Photo\_Trees\_and\_vegetation\_on\_site ]  
**Photo\_Trees and vegetation on site**  
Image:

[ Parking\_area ]  
**4 Parking area**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment4 ]  
**4.1 Comment**

• Relevant when:  
4 Parking area was NOT answered with NA.

[ Photo\_Parking\_area ]  
**Photo\_Parking area**  
Image:

[ Fences\_Poles ]  
**5 Fences/Poles**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment5 ]  
**5.1 Comment**

• Relevant when:  
5 Fences/Poles was NOT answered with NA.

[ Photo\_Fences\_Poles ]  
**Photo\_Fences/Poles**  
Image:

[ Railings ]  
**6 Railings**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment6 ]  
**6.1 Comment**

• Relevant when:  
6 Railings was NOT answered with NA.

[ Photo\_Railings ]  
**Photo\_Railings**  
Image:

[ Building\_Accessibility\_ ]  
**7 Building Accessibility**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment7 ]

**7.1 Comment**

• Relevant when:  
7 Building Accessibility was NOT answered with NA.

[ Photo\_Building\_Accessibility\_ ]

**Photo\_Building Accessibility**

Image:

[ Pathway\_Sidewalks\_Curbs ]

**8 Pathway / Sidewalks / Curbs**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment8 ]

**8.1 Comment**

• Relevant when:  
8 Pathway / Sidewalks / Curbs was NOT answered with NA.

[ Photo\_Pathway\_Sidewalks\_Curbs ]

**Photo\_Pathway / Sidewalks / Curbs**

Image:

[ Stairs\_Steps ]

**9 Stairs/Steps**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment9 ]

**9.1 Comment**

• Relevant when:  
9 Stairs/Steps was NOT answered with NA.

[ Photo\_Stairs\_Steps ]

**Photo\_Stairs/Steps**

Image:

[ Signs ]  
**10 Signs**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment10 ]

**10.1 Comment**

• Relevant when:  
10 Signs was NOT answered with NA.

[ Photo\_Signs ]

**Photo\_Signs**

Image:

[ Other\_items1 ]

**11 Other, specify**

• Relevant when:  
11 Other, specify was NOT answered with ".

[ Other\_items\_1 ]

**11.1 \${Other\_items1}**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:  
11 Other, specify was NOT answered with ".

[ Other\_items2 ]

**12 Other, specify**

• Relevant when:  
12 Other, specify was NOT answered with ".

[ Other\_items\_2 ]

**12.1 \${Other\_items2}**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:  
12 Other, specify was NOT answered with ".

[ Other\_items3 ]

**13 Other, specify**



• Relevant when:

13 Other, specify

was NOT answered with ".

[ Other\_items\_3 ]

13.1 \${Other\_items3}

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

More photos about Site works

Question	Element 1	Element 2	Element 3	Element 4	Element 5											
<div><div>Si</div><div><div><div>[ Photo_type ]</div><div>Photo type</div><div>Choose only one option:</div><table><tr><td>Backfill</td></tr><tr><td>Surface drainage</td></tr><tr><td>Trees and vegetation on site</td></tr><tr><td>Parking area</td></tr><tr><td>Fences/Poles</td></tr><tr><td>Railings</td></tr><tr><td>Building Accessibility</td></tr><tr><td>Pathway / Sidewalks / Curbs</td></tr><tr><td>Stairs/Steps</td></tr><tr><td>Signs</td></tr><tr><td>other</td></tr></table></div><div><div>• Relevant when:</div><div>Photo type</div>was answered with <div>other</div>.</div><div><div>[ other_ph ]</div><div>Specify other</div></div><div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div></div></div>	Backfill	Surface drainage	Trees and vegetation on site	Parking area	Fences/Poles	Railings	Building Accessibility	Pathway / Sidewalks / Curbs	Stairs/Steps	Signs	other					
Backfill																
Surface drainage																
Trees and vegetation on site																
Parking area																
Fences/Poles																
Railings																
Building Accessibility																
Pathway / Sidewalks / Curbs																
Stairs/Steps																
Signs																
other																

III.2.2\_ Architectural work

[ Columns\_Supports ]

1 Columns/Supports

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment2 ]

1.1 Comment

• Relevant when:

1 Columns/Supports

was NOT answered with 

NA

.

[ Photo\_Columns\_Supports ]

Photo\_Columns/Supports

Image:

[ Walkways ]

2 Walkways

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment3 ]

2.1 Comment

• Relevant when:

2 Walkways

was NOT answered with 

NA

.

[ Photo\_Walkways ]

Photo\_Walkways

Image:

[ Porches\_and\_covered\_walkways ]

3 Porches and covered walkways

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment4 ]

3.1 Comment

• Relevant when:

3 Porches and covered walkways

was NOT answered with 

NA

.

[ Photo\_Porches\_and\_covered\_walkways ]

Photo\_Porches and covered walkways

Image:

[ Interior\_slab ]

4 Interior slab

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment6 ]  
4.1 Comment

• Relevant when:

4 Interior slab

 was NOT answered with 

NA

.

[ Photo\_Interior\_slab ]

Photo\_Interior slab

Image:

[ Tile\_and\_or\_floor\_finishes ]

5 Tile and/or floor finishes

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment7 ]

5.1 Comment

• Relevant when:

5 Tile and/or floor finishes

 was NOT answered with 

NA

.

[ Photo\_Tile\_and\_or\_floor\_finishes ]

Photo\_Tile and/or floor finishes

Image:

[ Masonry\_stone\_brick ]

6 Masonry (stone, brick)

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment8 ]

6.1 Comment

• Relevant when:

6 Masonry (stone, brick)

 was NOT answered with 

NA

.

[ Photo\_Masonry\_stone\_brick ]

Photo\_Masonry (stone, brick)

Image:

[ Exterior\_Walls ]

7 Exterior Walls

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment9 ]  
7.1 Comment

• Relevant when:

7 Exterior Walls

 was NOT answered with 

NA

.

[ Photo\_Exterior\_Walls ]

Photo\_Exterior Walls

Image:

[ Interior\_Walls ]

8 Interior Walls

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment10 ]

8.1 Comment

• Relevant when:

8 Interior Walls

 was NOT answered with 

NA

.

[ Photo\_Interior\_Walls ]

Photo\_Interior Walls

Image:

[ Exterior\_wall\_finish ]

9 Exterior wall finish

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment11 ]

9.1 Comment

• Relevant when:

9 Exterior wall finish

 was NOT answered with 

NA

.

[ Photo\_Exterior\_wall\_finish ]

Photo\_Exterior wall finish

Image:

[ Interior\_wall\_finish ]

10 Interior wall finish

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment12 ]  
10.1 Comment

• Relevant when:

10 Interior wall finish was NOT answered with NA.

[ Photo\_Interior\_wall\_finish ]  
Photo\_Interior wall finish

Image:

[ Insulation ]  
11 Insulation

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment13 ]  
11.1 Comment

• Relevant when:

11 Insulation was NOT answered with NA.

[ Photo\_Insulation ]  
Photo\_Insulation

Image:

[ Doors ]  
12 Doors

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment14 ]  
12.1 Comment

• Relevant when:

12 Doors was NOT answered with NA.

[ Photo\_Doors ]  
Photo\_Doors

Image:

[ Door\_jam ]  
13 Door jam

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment15 ]  
13.1 Comment

• Relevant when:

13 Door jam was NOT answered with NA.

[ Photo\_Door\_jam ]  
Photo\_Door jam

Image:

[ Door\_hardware ]  
14 Door hardware

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment16 ]  
14.1 Comment

• Relevant when:

14 Door hardware was NOT answered with NA.

[ Photo\_Door\_hardware ]  
Photo\_Door hardware

Image:

[ Partitions\_and\_interior\_doors ]  
15 Partitions and interior doors

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment17 ]  
15.1 Comment

• Relevant when:

15 Partitions and interior doors was NOT answered with NA.

[ Photo\_Partitions\_and\_interior\_doors ]  
Photo\_Partitions and interior doors

Image:

[ Window\_casing ]  
16 Window casing

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment18 ]  
16.1 Comment

• Relevant when:

16 Window casing was NOT answered with NA.

[ Photo\_Window\_casing ]  
Photo\_Window casing

Image:

[ Window\_glass\_screen ]  
17 Window (glass, screen)

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment19 ]  
17.1 Comment

• Relevant when:

17 Window (glass, screen) was NOT answered with NA.

[ Photo\_Window\_glass\_screen ]  
Photo\_Window (glass, screen)

Image:

[ Roof\_Roofing ]  
18 Roof/Roofing

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment20 ]  
18.1 Comment

• Relevant when:

18 Roof/Roofing was NOT answered with NA.

[ Photo\_Roof\_Roofing ]  
Photo\_Roof/Roofing

Image:

[ Fascia ]  
19 Fascia

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment21 ]  
19.1 Comment

• Relevant when:

19 Fascia was NOT answered with NA.

[ Photo\_Fascia ]  
Photo\_Fascia

Image:

[ Roof\_drainage\_Gutter ]  
20 Roof drainage/Gutter

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment22 ]  
20.1 Comment

• Relevant when:

20 Roof drainage/Gutter was NOT answered with NA.

[ Photo\_Roof\_drainage\_Gutter ]  
Photo\_Roof drainage/Gutter

Image:

[ Ceiling ]  
21 Ceiling

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment23 ]  
21.1 Comment

• Relevant when:

21 Ceiling was NOT answered with NA.

[ Photo\_Ceiling ]  
Photo\_Ceiling

Image:

[ Attic\_access ]  
22 Attic access

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment24 ]  
22.1 Comment

• Relevant when:  
22 Attic access was NOT answered with NA .

[ Photo\_Attic\_access ]  
Photo\_Attic access  
Image:

[ Stairs\_Ladders\_Handrails ]  
23 Stairs/Ladders/Handrails

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment25 ]  
23.1 Comment

• Relevant when:  
23 Stairs/Ladders/Handrails was NOT answered with NA .

[ Photo\_Stairs\_Ladders\_Handrails ]  
Photo\_Stairs/Ladders/Handrails  
Image:

[ Vents ]  
24 Vents

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment26 ]  
24.1 Comment

• Relevant when:  
24 Vents was NOT answered with NA .

[ Photo\_Vents ]  
Photo\_Vents  
Image:

[ OtherAW\_items1 ]  
25 Other, specify

• Relevant when:  
25 Other, specify was NOT answered with ".

[ OtherAW\_items\_1 ]  
25.1 \${OtherAW\_items1}

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:  
25 Other, specify was NOT answered with ".

[ OtherAW\_items2 ]  
26 Other, specify

• Relevant when:  
26 Other, specify was NOT answered with ".

[ OtherAW\_items\_2 ]  
26.1 \${OtherAW\_items2}

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:  
26 Other, specify was NOT answered with ".

[ OtherAW\_items3 ]  
27 Other, specify

• Relevant when:  
27 Other, specify was NOT answered with ".

[ OtherAW\_items\_3 ]  
27.1 \${OtherAW\_items3}

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

Architectural works photo

Question	Element 1	Element 2	Element 3	Element 4	Element 5

Question	Element 1	Element 2	Element 3	Element 4	Element 5																											
<div><div>Arc</div><div><div>[ Photo_type_Arc ]</div><div>Photo type</div><div>Choose only one option:</div><table><tbody><tr><td>Foundation</td></tr><tr><td>Columns/Supports</td></tr><tr><td>Walkways</td></tr><tr><td>Porches and covered walkways</td></tr><tr><td>Exterior slab</td></tr><tr><td>Interior slab</td></tr><tr><td>Tile and/or floor finishes</td></tr><tr><td>Masonry (stone, brick)</td></tr><tr><td>Exterior Walls</td></tr><tr><td>Interior Walls</td></tr><tr><td>Exterior wall finish</td></tr><tr><td>Interior wall finish</td></tr><tr><td>Insulation</td></tr><tr><td>Doors</td></tr><tr><td>Door jam</td></tr><tr><td>Door hardware</td></tr><tr><td>Partitions and interior doors</td></tr><tr><td>Window casing</td></tr><tr><td>Window (glass, screen)</td></tr><tr><td>Roof/Roofing</td></tr><tr><td>Fascia</td></tr><tr><td>Roof drainage/Gutter</td></tr><tr><td>Ceiling</td></tr><tr><td>Attic access</td></tr><tr><td>Stairs/Ladders/Handrails</td></tr><tr><td>Vents</td></tr><tr><td>Other</td></tr></tbody></table></div><div><div>• Relevant when:</div><div>Photo type</div> was answered with <div>Other</div> .</div><div><div>[ other_ph ]</div><div>Specify other</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>	Foundation	Columns/Supports	Walkways	Porches and covered walkways	Exterior slab	Interior slab	Tile and/or floor finishes	Masonry (stone, brick)	Exterior Walls	Interior Walls	Exterior wall finish	Interior wall finish	Insulation	Doors	Door jam	Door hardware	Partitions and interior doors	Window casing	Window (glass, screen)	Roof/Roofing	Fascia	Roof drainage/Gutter	Ceiling	Attic access	Stairs/Ladders/Handrails	Vents	Other					
Foundation																																
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Vents																																
Other																																

<div><div>III.2.3_ Mechanical work</div><div><div>[ Water_supply_Sc ]</div><div>1 Water supply</div><div>Choose only one option:</div><table><tbody><tr><td><input type="radio"/></td><td>Good</td></tr><tr><td><input type="radio"/></td><td>Fair</td></tr><tr><td><input type="radio"/></td><td>Poor</td></tr><tr><td><input type="radio"/></td><td>NA</td></tr></tbody></table></div></div>	<input type="radio"/>	Good	<input type="radio"/>	Fair	<input type="radio"/>	Poor	<input type="radio"/>	NA
<input type="radio"/>	Good							
<input type="radio"/>	Fair							
<input type="radio"/>	Poor							
<input type="radio"/>	NA							

<div><div>[ comment1 ]</div><div>1.1 Comment</div></div>								
<div><div>• Relevant when:</div><div>1 Water supply</div> was NOT answered with <div>NA</div> .</div> <div><div>[ Photo_Water_supply_Sc ]</div><div>Photo_Water supply</div><div>Image:</div></div>								
<div><div>[ Faucets_Water_tap ]</div><div>2 Faucets/Water tap</div><div>Choose only one option:</div><table><tbody><tr><td><input type="radio"/></td><td>Good</td></tr><tr><td><input type="radio"/></td><td>Fair</td></tr><tr><td><input type="radio"/></td><td>Poor</td></tr><tr><td><input type="radio"/></td><td>NA</td></tr></tbody></table></div>	<input type="radio"/>	Good	<input type="radio"/>	Fair	<input type="radio"/>	Poor	<input type="radio"/>	NA
<input type="radio"/>	Good							
<input type="radio"/>	Fair							
<input type="radio"/>	Poor							
<input type="radio"/>	NA							
<div><div>[ comment2 ]</div><div>2.1 Comment</div></div>								
<div><div>• Relevant when:</div><div>2 Faucets/Water tap</div> was NOT answered with <div>NA</div> .</div> <div><div>[ Photo_Faucets_Water_tap ]</div><div>Photo_Faucets/Water tap</div><div>Image:</div></div>								
<div><div>[ Toilet ]</div><div>3 Toilet</div><div>Choose only one option:</div><table><tbody><tr><td><input type="radio"/></td><td>Good</td></tr><tr><td><input type="radio"/></td><td>Fair</td></tr><tr><td><input type="radio"/></td><td>Poor</td></tr><tr><td><input type="radio"/></td><td>NA</td></tr></tbody></table></div>	<input type="radio"/>	Good	<input type="radio"/>	Fair	<input type="radio"/>	Poor	<input type="radio"/>	NA
<input type="radio"/>	Good							
<input type="radio"/>	Fair							
<input type="radio"/>	Poor							
<input type="radio"/>	NA							
<div><div>[ comment3 ]</div><div>3.1 Comment</div></div>								
<div><div>• Relevant when:</div><div>3 Toilet</div> was NOT answered with <div>NA</div> .</div> <div><div>[ Photo_Toilet ]</div><div>Photo_Toilet</div><div>Image:</div></div>								
<div><div>[ Sinks ]</div><div>4 Sinks</div><div>Choose only one option:</div><table><tbody><tr><td><input type="radio"/></td><td>Good</td></tr><tr><td><input type="radio"/></td><td>Fair</td></tr><tr><td><input type="radio"/></td><td>Poor</td></tr><tr><td><input type="radio"/></td><td>NA</td></tr></tbody></table></div>	<input type="radio"/>	Good	<input type="radio"/>	Fair	<input type="radio"/>	Poor	<input type="radio"/>	NA
<input type="radio"/>	Good							
<input type="radio"/>	Fair							
<input type="radio"/>	Poor							
<input type="radio"/>	NA							

[ comment4 ]  
4.1 Comment

• Relevant when:

4 Sinks was NOT answered with NA.

[ Photo\_Sinks ]

Photo\_Sinks

Image:

[ Hangers ]

5 Hangers

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment5 ]

5.1 Comment

• Relevant when:

5 Hangers was NOT answered with NA.

[ Photo\_Hangers ]

Photo\_Hangers

Image:

[ Toilet\_paper\_dispenser ]

6 Toilet paper dispenser

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment6 ]

6.1 Comment

• Relevant when:

6 Toilet paper dispenser was NOT answered with NA.

[ Photo\_Toilet\_paper\_dispenser ]

Photo\_Toilet paper dispenser

Image:

[ Floor\_drains ]

7 Floor drains

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment7 ]  
7.1 Comment

• Relevant when:

7 Floor drains was NOT answered with NA.

[ Photo\_Floor\_drains ]

Photo\_Floor drains

Image:

[ Fixtures\_ ]

8 Fixtures

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment8 ]

8.1 Comment

• Relevant when:

8 Fixtures was NOT answered with NA.

[ Photo\_Fixtures\_ ]

Photo\_Fixtures

Image:

[ West\_water\_system ]

9 West water system

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment9 ]

9.1 Comment

• Relevant when:

9 West water system was NOT answered with NA.

[ Photo\_West\_water\_system ]

Photo\_West water system

Image:

[ OtherMC\_items1 ]

10 Other, specify

• Relevant when:

10 Other, specify

was NOT answered with ".  
  
[ OtherMC\_items\_1 ]  
10.1 \${OtherMC\_items1}  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:

10 Other, specify

was NOT answered with ".  
  
[ OtherMC\_items2 ]  
11 Other, specify

• Relevant when:

11 Other, specify

was NOT answered with ".  
  
[ OtherMC\_items\_2 ]  
11.1 \${OtherMC\_items2}  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:

11 Other, specify

was NOT answered with ".  
  
[ OtherMC\_items3 ]  
12 Other, specify

• Relevant when:

12 Other, specify

was NOT answered with ".  
  
[ OtherMC\_items\_3 ]  
12.1 \${OtherMC\_items3}  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

Mechanical works photo					
Question	Element 1	Element 2	Element 3	Element 4	Element 5

Question	Element 1	Element 2	Element 3	Element 4	Element 5										
<div><div>Mc</div><div><div>[ Photo_type_Mech1 ] Photo type Choose only one option:</div><table><tr><td>Water supply</td></tr><tr><td>Faucets/Water tap</td></tr><tr><td>Toilet</td></tr><tr><td>Sinks</td></tr><tr><td>Hangers</td></tr><tr><td>Toilet paper dispenser</td></tr><tr><td>Floor drains</td></tr><tr><td>Fixtures</td></tr><tr><td>West water system</td></tr><tr><td>Other</td></tr></table></div><div><div>• Relevant when:</div><div>Photo type</div><div>was answered with Other.</div><div>[ other_ph ] Specify other</div></div><div><div>[ Photo ] Take photo Image:</div></div></div>	Water supply	Faucets/Water tap	Toilet	Sinks	Hangers	Toilet paper dispenser	Floor drains	Fixtures	West water system	Other					
Water supply															
Faucets/Water tap															
Toilet															
Sinks															
Hangers															
Toilet paper dispenser															
Floor drains															
Fixtures															
West water system															
Other															

III.2.4 Electrical work

[ Electrical\_service ]  
1 Electrical service  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment1 ]  
1.1 Comment

• Relevant when:

1 Electrical service

was NOT answered with NA.

[ Photo\_Electrical\_service ]  
Photo\_Electrical service  
Image:



[ Switches ]  
**2 Switches**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment2 ]

**2.1 Comment**

• Relevant when:  

2 Switches

 was NOT answered with 

NA

.

[ Photo\_Switches ]

**Photo\_Switches**

Image:

[ Interior\_Lighting ]

**3 Interior Lighting**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment3 ]

**3.1 Comment**

• Relevant when:  

3 Interior Lighting

 was NOT answered with 

NA

.

[ Photo\_Interior\_Lighting ]

**Photo\_Interior Lighting**

Image:

[ Sidelights ]

**4 Sidelights**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment4 ]

**4.1 Comment**

• Relevant when:  

4 Sidelights

 was NOT answered with 

NA

.

[ Photo\_Sidelights ]

**Photo\_Sidelights**

Image:

[ Sensors ]  
**5 Sensors**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment5 ]

**5.1 Comment**

• Relevant when:  

5 Sensors

 was NOT answered with 

NA

.

[ Photo\_Sensors ]

**Photo\_Sensors**

Image:

[ Breaker\_panel\_fuse\_boxes ]

**6 Breaker panel/fuse boxes**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment6 ]

**6.1 Comment**

• Relevant when:  

6 Breaker panel/fuse boxes

 was NOT answered with 

NA

.

[ Photo\_Breaker\_panel\_fuse\_boxes ]

**Photo\_Breaker panel/fuse boxes**

Image:

[ Fixtures ]

**7 Fixtures**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment7 ]

**7.1 Comment**

• Relevant when:  

7 Fixtures

 was NOT answered with 

NA

.

[ Photo\_Fixtures ]

**Photo\_Fixtures**

Image:

[ Grounding ]

**8 Grounding**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ comment8 ]  
**8.1 Comment**

• Relevant when:

8 Grounding was NOT answered with NA.

[ Photo\_Grounding ]

**Photo\_Grounding**

Image:

[ OtherEL\_items1 ]  
**9 Other, specify**

• Relevant when:

9 Other, specify was NOT answered with ".

[ OtherEL\_items\_1 ]

**9.1 \$ {OtherEL\_items1}**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:  
 9 Other, specify was NOT answered with ".  
 [ OtherEL\_items2 ]  
 10 Other, specify

• Relevant when:

was NOT answered with ".

[ OtherEL\_items\_2 ]

**10.1 \$ {OtherEL\_items2}**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

• Relevant when:

10 Other, specify was NOT answered with ".

[ OtherEL\_items3 ]

**11 Other, specify**

• Relevant when:

11 Other, specify was NOT answered with ".

[ OtherEL\_items\_3 ]

**11.1 \${OtherEL\_items3}**

Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<p><b>E1</b></p> <p>[ photo_type_Eletric ]</p> <p><b>Photo type</b></p> <p>Choose only one option:</p> <div> <div>Electrical service</div> <div>Switches</div> <div>Interior Lighting</div> <div>Sidelights</div> <div>Sensors</div> <div>Breaker panel/fuse boxes</div> <div>Fixtures</div> <div>Grounding</div> <div>other</div> </div> <p>• Relevant when:</p> <p>[ Photo type ] was answered with [ other ].</p> <p>[ other_ph ]</p> <p><b>Specify other</b></p> <div> <div>[ Photo ]</div> <div><b>Take photo</b></div> <div>Image:</div> </div>					

[ End\_school ]  
**This is the end of**  
**"Primary school assessment"**

• Relevant when:

Select sub-project was answered with 2. Road .

## IV. Road assessment

### IV.1 Road Construction

[ StartDate\_Rd ]  
**1 Start date of construction**  
Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

• Relevant when:

1 Start date of construction is greater than 0.

[ CompleteDate\_Rd ]  
**2 Completion date of construction**  
Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

[ Cost\_Rd ]  
**3 Cost of construction (kip)**

[ Contractor\_Rd ]  
**4 Type of Contractors**  
Choose only one option:

<input type="radio"/>	Construction company
<input type="radio"/>	Construction company + Villager
<input type="radio"/>	Villager
<input type="radio"/>	OMC
<input type="radio"/>	RMG
<input type="radio"/>	Other (specify)

• Relevant when:

4 Type of Contractors was answered with Other (specify).

[ Other\_Contractor ]  
**4.1 Other, specify**

[ Detail\_Address ]  
**4.2 Detail/Address of contractor**

[ Scope\_of\_work\_of\_RehabConstruction ]  
**5 Scope of work of Rehab/Construction**  
Choose only one option:

<input type="radio"/>	New Construction
<input type="radio"/>	Rehabilitation

[ Scope\_of\_work\_in\_detail ]  
**6 Scope of work in detail**

IV.11 Maintenance

[ Is\_there\_a\_road\_maintenance\_committee\_Rd ]  
**1 Is there a maintenance committee**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

1 Is there a maintenance committee was answered with Yes.

[ If\_yes\_date\_of\_established ]  
**2\_ If yes, date of established**  
Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

• Relevant when:

1 Is there a maintenance committee was answered with Yes.

[ How\_many\_members\_Rd ]  
**3 How many members**

• Relevant when:

3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_head\_of\_committee\_role ]  
**4\_ No. of head of committee role**

• Relevant when:

3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_treasurer\_role ]  
**5\_ No. of treasurer role**

• Relevant when:

3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_care\_taker\_role ]  
**6\_ No. of care taker role**

• Relevant when:

3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_other\_role\_Rd ]  
**7\_ Other roles**

• Relevant when:

7\_ Other roles was NOT answered with 0 AND 7\_ Other roles was NOT answered with ".

[ Number\_of\_other ]  
**8\_ Number of other role**

• Relevant when:

3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ Number\_of\_female\_committee ]  
**9\_ Number of female committee**

• Relevant when:

1 Is there a maintenance committee was answered with Yes.

[ Did\_committee\_members\_receive\_any\_training ]  
**10 Did committee members receive any training**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Did\_villagers\_receive\_any\_training\_on\_maintenance ]

11 Did villagers receive any training on maintenance

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ How\_many\_times\_have\_maintenance\_been\_carried\_out\_since\_completion\_Rd ]

12 How many times have maintenance been carried out since completion

• Relevant when:

12 How many times have maintenance been carried out since completion was NOT answered with 0 AND

12 How many times have maintenance been carried out since completion was NOT answered with ".

[ Are\_there\_any\_difficulties\_in\_mobilization\_for\_maintenance ]

13 Are there any difficulties in mobilization for maintenance

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

12 How many times have maintenance been carried out since completion was NOT answered with 0 AND

12 How many times have maintenance been carried out since completion was NOT answered with ".

[ Remark\_of\_difficulties\_in\_mobilization\_for\_maintenance\_\_ ]

14 Remark of difficulties in mobilization for maintenance

[ Is\_there\_fees\_for\_maintenance\_Rd ]

15\_ Is there fees for maintenance

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

15\_ Is there fees for maintenance was answered with Yes.

[ if\_yes\_price ]

16\_ if yes, price (kip)

• Relevant when:

15\_ Is there fees for maintenance was answered with Yes.

[ comment\_of\_fee ]

16.1\_ remark of fee

[ and\_other\_payment\_system\_for\_OM\_Rd ]

17\_ and other payment system for O&M? (kip)

• Relevant when:

17\_ and other payment system for O&M? (kip) was NOT answered with 0 AND 17\_ and other payment

system for O&M? (kip) was NOT answered with ".

[ comment\_of\_O\_M ]

17.1\_ remark of O&M payment

## IV.12 Safeguards

[ Are\_the\_works\_in\_a\_protected\_area\_Rd ]

1 Are the works in a protected area?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

1 Are the works in a protected area? was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts ]

1.1 If yes, what actions were taken to avoid impacts

[ Did\_the\_works\_affect\_any\_village\_lands\_or\_personal\_property\_Rd ]

2 Did the works affect any village lands or personal property

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

2 Did the works affect any village lands or personal property was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts\_villagers ]

2.1 If yes, what actions were taken to avoid impacts

[ Remark ]

3 Remark

## IV.13 Disaster Risk

[ Does\_the\_area\_suffer\_from\_any\_natural\_disasters\_Rd ]

1 Does the area suffer from any natural disasters?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

1 Does the area suffer from any natural disasters? was answered with Yes.

[ If\_yes\_were\_these\_potential\_impacts\_considered\_in\_the\_design ]

1.1 If yes, were these potential impacts considered in the design

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Remark ]

2 Remark

## IV.14 PRF (Training)

[ How\_many\_trainings\_were\_provided\_by\_PRF\_Rd ]

1 How many trainings were provided by PRF

• Relevant when:

1 How many trainings were provided by PRF was NOT answered with 0 AND 1 How many trainings were provided by PRF was NOT answered with ".

[ How\_would\_you\_rate\_these\_trainings ]

2 How would you rate these trainings

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Remark ]

3 Remark

[ Were\_trained\_villagers\_able\_to\_carry\_out\_the\_activities\_they\_were\_trained\_to\_do\_Rd ]

4 Were trained villagers able to carry out the activities they were trained to do

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

4 Were trained villagers able to carry out the activities they were trained to do was answered with No.

[ if\_not\_why ]

4.1 If not, why?

[ Were\_there\_any\_follow\_up\_trainings\_provided\_Rd ]

5 Were there any follow -up trainings provided

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

5 Were there any follow -up trainings provided was answered with Yes.

[ If\_yes\_how\_many\_Time\_Year ]

5.1 If yes, how many (Time/Year)

[ Remark\_ ]

6 Remark

## IV.2 Technical-1 (Terrain)

Road terrain photo					
Question	Element 1	Element 2	Element 3	Element 4	Element 5

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div><div>Rd-Terrain</div><div><div>[ description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div></div>					

Terrain data

[ terrain ]

1 Type of Road terrain

Choose one or more options:

☐

Flat

☐

Rolling

☐

Mountainous

[ type ]

2 Road type

Choose one or more options:

☐

Earth roads

☐

Gravel roads

☐

Bituminous roads

☐

Asphalt roads

☐

Concrete roads

[ length\_km ]

3 Road length(km)

[ width\_m ]

4 Road width (m)

[ condition ]

5 Overall Road condition

Choose only one option:

☐

Good

☐

Fair

☐

Poor

☐

NA

[ Remark ]

6 Remark of road condition

### IV.3 Technical-2 (Ride)

[ Ride\_quality ]  
**1 Ride quality**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Poor
<input type="radio"/>	NA

[ Remark ]  
**2 Remark of Ride quality**

**IV.4 Technical-3 (Design)**

[ Max\_Profile\_gradient\_percent ]  
**1 Max. Profile gradient (%)**

• Relevant when:  
1 Max. Profile gradient (%) was NOT answered with 0 AND 1 Max. Profile gradient (%) was NOT answered with ".

[ Photo\_Max\_Profile\_gradient\_percent ]  
**Photo\_Max. Profile gradient (%)**  
Image:

[ Crossfall\_percent ]  
**2 Crossfall (%)**

• Relevant when:  
2 Crossfall (%) was NOT answered with 0 AND 2 Crossfall (%) was NOT answered with ".

[ Photo\_Crossfall\_percent ]  
**Photo\_Crossfall (%)**  
Image:

[ Max\_Superelevation\_percent ]  
**3 Max. Superelevation (%)**

• Relevant when:  
3 Max. Superelevation (%) was NOT answered with 0 AND 3 Max. Superelevation (%) was NOT answered with ".

[ Photo\_Max\_Superelevation\_percent ]  
**Photo\_Max. Superelevation (%)**  
Image:

[ Max\_Cut\_slope\_V\_H ]  
**4 Max. Cut slope (V/H)**

• Relevant when:  
4 Max. Cut slope (V/H) was NOT answered with 0 AND 4 Max. Cut slope (V/H) was NOT answered with ".

[ Photo\_Max\_Cut\_slope\_V\_H ]  
**Photo\_Max. Cut slope (V/H)**  
Image:

[ Min\_Vertical\_Curve\_m ]  
**5 Min. Vertical Curve (m)**

• Relevant when:  
5 Min. Vertical Curve (m) was NOT answered with 0 AND 5 Min. Vertical Curve (m) was NOT answered with ".

[ Photo\_Min\_Vertical\_Curve\_m ]  
**Photo\_Min. Vertical Curve (m)**  
Image:

[ Min\_Horizontal\_Curve\_m ]  
**6 Min. Horizontal Curve (m)**

• Relevant when:  
6 Min. Horizontal Curve (m) was NOT answered with 0 AND 6 Min. Horizontal Curve (m) was NOT answered with ".

[ Photo\_Min\_Horizontal\_Curve\_m ]  
**Photo\_Min. Horizontal Curve (m)**  
Image:

[ Road\_reserve\_m ]  
**7 Road reserve (m)**

• Relevant when:  
7 Road reserve (m) was NOT answered with 0 AND 7 Road reserve (m) was NOT answered with ".

[ Photo\_Road\_reserve\_m ]  
**Photo\_Road reserve (m)**  
Image:

[ Max\_fill\_slope\_V\_H ]  
**8 Max. fill slope (V/H)**

• Relevant when:  
8 Max. fill slope (V/H) was NOT answered with 0 AND 8 Max. fill slope (V/H) was NOT answered with ".

[ Photo\_Max\_fill\_slope\_V\_H ]  
**Photo\_Max. fill slope (V/H)**  
Image:

[ Slope\_stability\_Protection\_type ]

9 Slope stability Protection type

Choose one or more options:

<input type="checkbox"/>	Riprap
<input type="checkbox"/>	Masonry
<input type="checkbox"/>	Gabion
<input type="checkbox"/>	Reinforcedconcrete
<input type="checkbox"/>	NA

• Relevant when:

9 Slope stability Protection type

was NOT answered with 0

AND

9 Slope stability Protection type

was NOT answered with "

[ Photo\_Slope\_stability\_Protection\_type ]

Photo\_Slope stability Protection type

Image:

[ Remark\_protection ]

10 Remark of Slope stability Protection

Question	Element 1	Element 2	Element 3	Element 4	Element 5										
<p style="text-align: center;"><b>Rd-Design</b></p> <p>[ photo_type_RdDesign ]</p> <p><b>Photo type</b></p> <p>Choose only one option:</p> <table border="1"> <tr><td>Max. Profile gradient (%)</td></tr> <tr><td>Crossfall (%)</td></tr> <tr><td>Max. Superelevation (%)</td></tr> <tr><td>Max. Cut slope (V/H)</td></tr> <tr><td>Min. Vertical Curve (m)</td></tr> <tr><td>Min. Horizontal Curve (m)</td></tr> <tr><td>Road reserve (m)</td></tr> <tr><td>Max. fill slope (V/H)</td></tr> <tr><td>Slope stability Protection type</td></tr> <tr><td>other</td></tr> </table> <p>• Relevant when:</p> <p>[ Photo type ] was answered with [ other ] .</p> <p>[ other_ph ]</p> <p><b>Specify other</b></p> <p>[ Photo ]</p> <p><b>Take photo</b></p> <p>Image:</p>	Max. Profile gradient (%)	Crossfall (%)	Max. Superelevation (%)	Max. Cut slope (V/H)	Min. Vertical Curve (m)	Min. Horizontal Curve (m)	Road reserve (m)	Max. fill slope (V/H)	Slope stability Protection type	other					
Max. Profile gradient (%)															
Crossfall (%)															
Max. Superelevation (%)															
Max. Cut slope (V/H)															
Min. Vertical Curve (m)															
Min. Horizontal Curve (m)															
Road reserve (m)															
Max. fill slope (V/H)															
Slope stability Protection type															
other															

#### IV.5 Technical-4.1 (Drainage - pipe culvert)

[ Side\_drainage\_Shape ]

1 Side drainage Shape

Choose only one option:

<input type="radio"/>	V-shape
<input type="radio"/>	U-shape
<input type="radio"/>	NA

• Relevant when:

1 Side drainage Shape was NOT answered with NA.

[ Photo\_Side\_drainage\_Shape ]

Photo\_Side drainage Shape

Image:

[ Side\_drainage\_type ]

2 Side drainage type

Choose only one option:

<input type="radio"/>	Earth
<input type="radio"/>	Riprap
<input type="radio"/>	Masonry
<input type="radio"/>	Concrete
<input type="radio"/>	NA

• Relevant when:

2 Side drainage type was NOT answered with NA.

[ Photo\_Side\_drainage\_type ]

Photo\_Side drainage type

Image:

[ No\_of\_PipeCulvert ]

3 Number of Pipe culvert

• Relevant when:

3 Number of Pipe culvert was NOT answered with " AND 3 Number of Pipe culvert was NOT answered with 0.

[ Type\_of\_Pipe\_culvert ]

4 Type of Pipe culvert

Choose only one option:

<input type="radio"/>	Concrete
<input type="radio"/>	Steel
<input type="radio"/>	PVC
<input type="radio"/>	HDPE

• Relevant when:

4 Type of Pipe culvert was NOT answered with Answer "NA" not found;.

[ Photo\_Type\_of\_Pipe\_culvert ]

Photo\_Type of Pipe culvert

Image:

• Relevant when:

3 Number of Pipe culvert

 was NOT answered with " 

AND

 3 Number of Pipe culvert was NOT answered with 0.

[ Blockage\_of\_Pipe\_culvert ]

5 Blockage of Pipe culvert ?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

5 Blockage of Pipe culvert ?

 was answered with 

Yes

.

[ Photo\_Blockage\_of\_Pipe\_culvert ]

Photo\_Blockage of Pipe culvert ?

Image:

• Relevant when:

3 Number of Pipe culvert

 was NOT answered with " 

AND

 3 Number of Pipe culvert was NOT answered with 0.

[ Blockage\_of\_Inlet\_structure ]

6 Blockage of Inlet structure ?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

6 Blockage of Inlet structure ?

 was answered with 

Yes

.

[ Photo\_Blockage\_of\_Inlet\_structure ]

Photo\_Blockage of Inlet structure ?

Image:

• Relevant when:

3 Number of Pipe culvert

 was NOT answered with " 

AND

 3 Number of Pipe culvert was NOT answered with 0.

[ Blockage\_of\_Outlet\_structure ]

7 Blockage of Outlet structure ?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

7 Blockage of Outlet structure ?

 was answered with 

Yes

.

[ Photo\_Blockage\_of\_Outlet\_structure ]

Photo\_Blockage of Outlet structure ?

Image:

• Relevant when:

3 Number of Pipe culvert

 was NOT answered with " 

AND

 3 Number of Pipe culvert was NOT answered with 0.

[ Pipe\_culvert\_cracking ]

8 Pipe culvert cracking ?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

8 Pipe culvert cracking ?

 was answered with 

Yes

.

[ Photo\_Pipe\_culvert\_cracking ]

Photo\_Pipe culvert cracking ?

Image:

• Relevant when:

3 Number of Pipe culvert

 was NOT answered with " 

AND

 3 Number of Pipe culvert was NOT answered with 0.

[ Inlet\_structure\_cracking ]

9 Inlet structure cracking ?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

9 Inlet structure cracking ?

 was answered with 

Yes

.

[ Photo\_Inlet\_structure\_cracking ]

Photo\_Inlet structure cracking ?

Image:

• Relevant when:

3 Number of Pipe culvert

 was NOT answered with " 

AND

 3 Number of Pipe culvert was NOT answered with 0.

[ Outlet\_structure\_cracking ]

10 Outlet structure cracking ?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

10 Outlet structure cracking ?

 was answered with 

Yes

.

[ Photo\_Outlet\_structure\_cracking ]

Photo\_Outlet structure cracking ?

Image:

[ Remark\_of\_Pipe\_culvert ]

11 Remark of Pipe culvert



Road - Pipe culvert photo-1

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Rd-Pipe culvert</div><div><div>[ photo_type_pipe_culvert ]</div><div>Photo type</div><div>Choose only one option:</div><div>Side drainage Shape</div></div><div><div>• Relevant when:</div><div>Photo type was answered with Answer "other" not found; .</div><div>[ other_ph ]</div><div>Specify other</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

IV.6 Technical-4.2 (Drainage - box culvert)

<div><div>[ No_of_BoxCulvert ]</div><div>1 Number of Box culvert</div></div>
<div><div>• Relevant when:</div><div>1 Number of Box culvert was NOT answered with " AND 1 Number of Box culvert was NOT answered with 0.</div><div>[ Type_of_Box_culvert ]</div><div>2 Type of Box culvert</div><div>Choose only one option:</div><div><div><div></div>Concrete</div><div><div></div>Masonry</div><div><div></div>NA</div></div></div>
<div><div>• Relevant when:</div><div>2 Type of Box culvert was NOT answered with NA .</div><div>[ Photo_Type_of_Box_culvert ]</div><div>Photo_Type of Box culvert</div><div>Image:</div></div>

<div><div>• Relevant when:</div><div>1 Number of Box culvert was NOT answered with " AND 1 Number of Box culvert was NOT answered with 0.</div><div>[ Blockage_of_Box_culvert ]</div><div>5 Blockage of Box culvert ?</div><div>Choose only one option:</div><div><div><div></div>Yes</div><div><div></div>No</div><div><div></div>NA</div></div></div>
<div><div>• Relevant when:</div><div>5 Blockage of Box culvert ? was answered with Yes .</div><div>[ Photo_Blockage_of_Box_culvert ]</div><div>Photo_Blockage of Box culvert ?</div><div>Image:</div></div>
<div><div>• Relevant when:</div><div>1 Number of Box culvert was NOT answered with " AND 1 Number of Box culvert was NOT answered with 0.</div><div>[ Blockage_of_Inlet_structure_Box ]</div><div>6 Blockage of Inlet structure ?</div><div>Choose only one option:</div><div><div><div></div>Yes</div><div><div></div>No</div><div><div></div>NA</div></div></div>
<div><div>• Relevant when:</div><div>6 Blockage of Inlet structure ? was answered with Yes .</div><div>[ Photo_Blockage_of_Inlet_structure_Box ]</div><div>Photo_Blockage of Inlet structure ?</div><div>Image:</div></div>
<div><div>• Relevant when:</div><div>1 Number of Box culvert was NOT answered with " AND 1 Number of Box culvert was NOT answered with 0.</div><div>[ Blockage_of_Outlet_structure_Box ]</div><div>7 Blockage of Outlet structure ?</div><div>Choose only one option:</div><div><div><div></div>Yes</div><div><div></div>No</div><div><div></div>NA</div></div></div>
<div><div>• Relevant when:</div><div>7 Blockage of Outlet structure ? was answered with Yes .</div><div>[ Photo_Blockage_of_Outlet_structure_Box ]</div><div>Photo_Blockage of Outlet structure ?</div><div>Image:</div></div>

• Relevant when:	
<b>1 Number of Box culvert</b>	was NOT answered with " <b>AND</b> <b>1 Number of Box culvert</b> was NOT answered with 0.
[ Box_culvert_cracking_Box ]	
<b>8 Box culvert cracking ?</b>	
Choose only one option:	
<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:	
<b>8 Box culvert cracking ?</b>	was answered with <b>Yes</b> .
[ Photo_Box_culvert_cracking_Box ]	
<b>Photo_Box culvert cracking ?</b>	
Image:	

• Relevant when:	
<b>1 Number of Box culvert</b>	was NOT answered with " <b>AND</b> <b>1 Number of Box culvert</b> was NOT answered with 0.
[ Inlet_structure_cracking_Box ]	
<b>9 Inlet structure cracking ?</b>	
Choose only one option:	
<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:	
<b>9 Inlet structure cracking ?</b>	was answered with <b>Yes</b> .
[ Photo_Inlet_structure_cracking_Box ]	
<b>Photo_Inlet structure cracking ?</b>	
Image:	

• Relevant when:	
<b>1 Number of Box culvert</b>	was NOT answered with " <b>AND</b> <b>1 Number of Box culvert</b> was NOT answered with 0.
[ Outlet_structure_cracking_Box ]	
<b>10 Outlet structure cracking ?</b>	
Choose only one option:	
<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:	
<b>10 Outlet structure cracking ?</b>	was answered with <b>Yes</b> .
[ Photo_Outlet_structure_cracking_Box ]	
<b>Photo_Outlet structure cracking ?</b>	
Image:	

[ Remark_of_Box_culvert ]	
<b>11 Remark of Box culvert</b>	

Question		Element 1	Element 2	Element 3	Element 4	Element 5
<p><b>Rd-Box culvert</b></p> <p>[ photo_type_Box_culvert ] <b>Photo type</b></p> <p>Choose only one option:</p> <p>Side drainage type</p> <p>Type of Box culvert</p> <hr/> <p>• Relevant when: [ Photo type ] was answered with Answer "other" not found;.</p> <p>[ other_ph ] <b>Specify other</b></p> <hr/> <p>[ Photo ] <b>Take photo</b></p> <p>Image:</p>						

### IV.7 Technical-5 (Bridge)

Bridge photo						
Question	Element 1	Element 2	Element 3	Element 4	Element 5	
<p><b>Bridge photo</b></p> <p>[ description ] <b>Description</b></p> <hr/> <p>[ Photo ] <b>Take photo</b></p> <p>Image:</p>						

### Bridge data

<p>[ No_of_bridge ] <b>1 Number of bridge</b></p>
<p>[ Total_length_m ] <b>2 Total length (m)</b></p>

[ Bridge\_condition ]  
**3 Bridge condition**  
Choose only one option:

<input type="radio"/>	Good
<input type="radio"/>	Fair
<input type="radio"/>	Need to repair
<input type="radio"/>	NA

[ Remark\_of\_Bridge ]  
**4 Remark of Bridge**

IV.8 Technical-6 (Potholes damage)

Potholes damage photo

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Rd-Damage</div><div><div>[ description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div></div>					

IV.8 Data - Potholes damage

[ pothole\_damage\_TimePerYear ]  
**1 Visual survey and estimate potholes damage (Time per year)**

[ Type\_of\_potholes\_repair ]  
**2 Type of potholes repair**  
Choose only one option:

<input type="radio"/>	By maintenance company
<input type="radio"/>	By road maintenance committee
<input type="radio"/>	Other
<input type="radio"/>	NA

• Relevant when:  
2 Type of potholes repair was answered with Other.

[ other\_repair\_type ]  
**2.1 Other, specify**

[ Method\_machine\_and\_tool\_for\_repair\_consistent\_with\_the\_repair ]  
**3 Method, machine and tool for repair consistent with the repair**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ All\_suitable\_material\_used\_for\_filling\_as\_specified ]  
**4 All suitable material used for filling as specified**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Earth\_soil\_and\_pavements\_material\_well\_compacted ]  
**5 Earth, soil and pavements material well compacted**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Remark\_of\_road\_maintenance ]  
**4 Remark of road maintenance**

IV.9 Single post Traffic sign

Single post Traffic sign photo

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>photo</div><div><div>[ description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div></div>					

Data - Single post Traffic sign

[ Single\_post\_traffic\_sign\_Retroreflectivity\_good ]  
**1 Single post traffic sign Retroreflectivity good**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

1 Single post traffic sign Retroreflectivity good

was NOT answered with 

NA

.

[ Traffic\_sign\_need\_maintenance ]

2 Traffic sign need maintenance

Choose only one option:

<input type="radio"/>	Remove sign
<input type="radio"/>	Replace sign
<input type="radio"/>	NA

• Relevant when:

1 Single post traffic sign Retroreflectivity good

was NOT answered with 

NA

.

[ Traffic\_sign\_post\_need\_to\_maintenance ]

3 Traffic sign post need to maintenance

Choose only one option:

<input type="radio"/>	Replace post
<input type="radio"/>	Level post
<input type="radio"/>	NA

[ Remark ]

4 Remark

IV.10 Double post Traffic sign

Double post Traffic sign photo

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Traffic sign</div><div><div>[ description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

Data - Double post Traffic sign

[ Double\_post\_traffic\_sign\_Retroreflectivity\_good ]

5 Double post traffic sign Retroreflectivity good

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Traffic\_sign\_need\_maintenance ]

6 Traffic sign need maintenance

Choose only one option:

<input type="radio"/>	Remove sign
<input type="radio"/>	Replace sign
<input type="radio"/>	NA

[ Traffic\_sign\_post\_need\_to\_maintenance ]

7 Traffic sign post need to maintenance

Choose only one option:

<input type="radio"/>	Replace post
<input type="radio"/>	Level post
<input type="radio"/>	NA

[ Remark\_ ]

8 Remark

[ End\_road ]

This is the end of "Road assessment"

• Relevant when:

Select sub-project

was answered with 

3. Water supply

.

V. Water Supply

V.1\_ Construction

[ StartDate\_Ws ]

1 Start date of construction

Date: \_\_/ \_\_/ \_\_\_\_ (DD/MM/YYYY)

• Relevant when:

1 Start date of construction

is greater than 0.

[ CompleteDate ]

2 Completion date of construction

Date: \_\_/ \_\_/ \_\_\_\_ (DD/MM/YYYY)

[ Cost ]

3 Cost of construction (kip)

[ Contractor\_Ws ]

4 Type of Contractors

Choose only one option:

<input type="radio"/>	Construction company
<input type="radio"/>	Construction company + Villager
<input type="radio"/>	Villager
<input type="radio"/>	OMC
<input type="radio"/>	RMG
<input type="radio"/>	Other (specify)

• Relevant when:

4 Type of Contractors was answered with Other (specify).

[ Other\_Contractor ]

4.1 Other, specify

[ Detail\_Address ]

4.2 Detail/Address of contractor

[ Scope\_of\_work\_of\_RehabConstruction ]

5 Scope of work of Rehab/Construction

Choose only one option:

☐

New Construction

☐

Rehabilitation

[ Scope\_of\_work\_in\_detail ]

6 Scope of work in detail

## V.7 Maintenance

[ Is\_there\_a\_road\_maintenance\_committee\_Ws ]

1 Is there a maintenance committee

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

1 Is there a maintenance committee was answered with Yes.

[ If\_yes\_date\_of\_established ]

2\_ If yes, date of established

Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

• Relevant when:

1 Is there a maintenance committee was answered with Yes.

[ How\_many\_members\_Ws ]

3 How many members

• Relevant when:

3 How many members was NOT answered with " AND 3 How many members was NOT answered with 0.

[ No\_of\_head\_of\_committee\_role ]

4\_ No. of head of committee role

• Relevant when:

3 How many members was NOT answered with " AND 3 How many members was NOT answered with 0.

[ No\_of\_treasurer\_role ]

5\_ No. of treasurer role

• Relevant when:

3 How many members was NOT answered with " AND 3 How many members was NOT answered with 0.

[ No\_of\_care\_taker\_role ]

6\_ No. of care taker role

• Relevant when:

3 How many members was NOT answered with " AND 3 How many members was NOT answered with 0.

[ No\_of\_other\_role\_Ws ]

7\_ Other roles

• Relevant when:

7\_ Other roles was NOT answered with 0 AND 7\_ Other roles was NOT answered with ".

[ Number\_of\_other ]

8\_ Number of other role

• Relevant when:

3 How many members was NOT answered with " AND 3 How many members was NOT answered with 0.

[ Number\_of\_female\_committee ]

9\_ Number of female committee

• Relevant when:

1 Is there a maintenance committee was answered with Yes.

[ Did\_committee\_members\_receive\_any\_training ]

10 Did committee members receive any training

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Did\_villagers\_receive\_any\_training\_on\_maintenance ]

11 Did villagers receive any training on maintenance

Choose only one option:

☐

Yes

☐

No

☐

NA

[ How\_many\_times\_have\_maintenance\_been\_carried\_out\_since\_completion\_Ws ]

12 How many times have maintenance been carried out since completion

• Relevant when:

12 How many times have maintenance been carried out since completion was NOT answered with " AND 12 How many times have maintenance been carried out since completion was NOT answered with 0.

[ Are\_there\_any\_difficulties\_in\_mobilization\_for\_maintenance ]

13 Are there any difficulties in mobilization for maintenance

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

12 How many times have maintenance been carried out since completion

was NOT answered with "

AND

12

How many times have maintenance been carried out since completion

was NOT answered with 0.

[ Remark\_of\_difficulties\_in\_mobilization\_for\_maintenance\_\_ ]

14 Remark of difficulties in mobilization for maintenance

[ Is\_there\_fees\_for\_maintenance\_Ws ]

15\_ Is there fees for maintenance

Choose only one option:

Yes

No

NA

• Relevant when:

15\_ Is there fees for maintenance

was answered with Yes.

[ if\_yes\_price ]

16\_ if yes, price (kip)

• Relevant when:

15\_ Is there fees for maintenance

was answered with Yes.

[ comment\_of\_fee ]

16.1\_ remark of fee

[ and\_other\_payment\_system\_for\_OM\_Ws ]

17\_ and other payment system for O&M? (kip)

• Relevant when:

17\_ and other payment system for O&M? (kip)

was NOT answered with 0

AND

17\_ and other payment system for O&M? (kip)

was NOT answered with ".

[ comment\_of\_O\_M ]

17.1\_ remark of O&M payment

### V.8 Safeguards

[ Are\_the\_works\_in\_a\_protected\_area\_Ws ]

1 Are the works in a protected area?

Choose only one option:

Yes

No

NA

• Relevant when:

1 Are the works in a protected area?

was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts ]

1.1 If yes, what actions were taken to avoid impacts

[ Did\_the\_works\_affect\_any\_village\_land\_or\_personal\_property\_Ws ]

2 Did the works affect any village lands or personal property

Choose only one option:

Yes

No

NA

• Relevant when:

2 Did the works affect any village lands or personal property

was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts\_villagers ]

2.1 If yes, what actions were taken to avoid impacts

[ Remark ]

3 Remark

### V.9 Disaster Risk

[ Does\_the\_area\_suffer\_from\_any\_natural\_disasters\_Ws ]

1 Does the area suffer from any natural disasters?

Choose only one option:

Yes

No

NA

• Relevant when:

1 Does the area suffer from any natural disasters?

was answered with Yes.

[ If\_yes\_were\_these\_potential\_impacts\_considered\_in\_the\_design ]

1.1 If yes, were these potential impacts considered in the design

Choose only one option:

Yes

No

NA

[ Remark ]

2 Remark

### V.10 PRF (Training)

[ How\_many\_trainings\_were\_provided\_by\_PRF\_Ws ]

1 How many trainings were provided by PRF

• Relevant when:

1 How many trainings were provided by PRF

was NOT answered with 0

AND

1 How many trainings were provided by PRF

was NOT answered with "

[ How\_would\_you\_rate\_these\_trainings ]

2 How would you rate these trainings

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Remark ]

3 Remark

[ Were\_trained\_villagers\_able\_to\_carry\_out\_the\_activities\_they\_were\_trained\_to\_do\_Ws ]

4 Were trained villagers able to carry out the activities they were trained to do

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

4 Were trained villagers able to carry out the activities they were trained to do

was answered with No

[ if\_not\_why ]

4.1 If not, why?

[ Were\_there\_any\_follow\_up\_trainings\_provided\_Ws ]

5 Were there any follow -up trainings provided

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

5 Were there any follow -up trainings provided

was answered with Yes

[ If\_yes\_how\_many\_Time\_Year ]

5.1 If yes, how many (Time/Year)

[ Remark\_ ]

6 Remark

V.2\_ The Water supply system is comprised:

Water source, weir intake, spring

[ Type\_of\_water\_source\_Ws ]

1\_ Type of water source

Choose one or more options:

<input type="checkbox"/>	stream
<input type="checkbox"/>	spring
<input type="checkbox"/>	other

• Relevant when:

1\_ Type of water source

was answered with other

[ Other\_water\_source ]

1.1 Other, specify

• Relevant when:

1\_ Type of water source

was NOT answered with Answer "NA" not found;

[ Photo\_Other\_water\_source ]

Photo\_Other, specify

Image:

[ Weir\_intake ]

2\_ Weir intake

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

2\_ Weir intake

was answered with Yes

[ Photo\_Weir\_intake ]

Photo\_Weir intake

Image:

[ Spring\_protection ]

3\_ Spring protection

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

3\_ Spring protection

was answered with Yes

[ Photo\_Spring\_protection ]

Photo\_Spring protection

Image:

Settle tank

[ Settle\_tank ]  
**4\_ Settle tank**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

4\_ Settle tank

 was answered with 

Yes

.

[ Volume\_m3\_of\_Settle\_tank ]  
**4.1\_ Volume (m3)**

• Relevant when:  

4\_ Settle tank

 was answered with 

Yes

.

[ Dimension\_of\_Settle\_tank ]  
**4.2\_ Dimension .....X.....X.....m**

• Relevant when:  

4\_ Settle tank

 was answered with 

Yes

.

[ Photo ]  
**Take photo**  
Image:

Break-pressure tank

[ Break\_pressure\_tank ]  
**5\_ Break-pressure tank**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

5\_ Break-pressure tank

 was answered with 

Yes

.

[ Volume\_m3\_of\_Break\_pressure\_tank ]  
**5.1\_ Volume (m3)**

• Relevant when:  

5\_ Break-pressure tank

 was answered with 

Yes

.

[ Dimension\_of\_pressure\_tank ]  
**5.2\_ Dimension .....X.....X.....m**

• Relevant when:  

5\_ Break-pressure tank

 was answered with 

Yes

.

[ Photo ]  
**Take photo**  
Image:

Transmission pipe

[ Transmission\_pipe ]  
**6\_ Transmission pipe**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

6\_ Transmission pipe

 was answered with 

Yes

.

[ Diameter\_mm\_of\_Transmission\_pipe ]  
**6.1\_ Diameter (mm)**

• Relevant when:  

6\_ Transmission pipe

 was answered with 

Yes

.

[ Material\_and\_class\_of\_the\_pipe ]  
**6.2\_ Material and class of the pipe**

• Relevant when:  

6\_ Transmission pipe

 was answered with 

Yes

.

[ Photo ]  
**Take photo**  
Image:

Water storage tank1

[ Water\_storage\_tank1 ]  
**7\_ Water storage tank1**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

7\_ Water storage tank1

 was answered with 

Yes

.

[ Volume\_m3\_of\_Water\_storage\_tank1 ]  
**7.1\_ Volume (m3)**

• Relevant when:  

7\_ Water storage tank1

 was answered with 

Yes

.

[ Dimension\_Water\_storage\_tank1 ]  
**7.2\_ Dimension .....X.....X.....m**

• Relevant when:  

7\_ Water storage tank1

 was answered with 

Yes

.

[ Photo ]  
**Take photo**  
Image:



Water storage tank2

[ Water\_storage\_tank2 ]

8\_ Water storage tank2

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

8\_ Water storage tank2 was answered with Yes .

[ Volume\_m3\_of\_Water\_storage\_tank2 ]

8.1\_ Volume (m3)

• Relevant when:

8\_ Water storage tank2 was answered with Yes .

[ Dimension\_Water\_storage\_tank2 ]

8.2\_ Dimension .....x.....x.....m

• Relevant when:

8\_ Water storage tank2 was answered with Yes .

[ Photo ]

Take photo

Image:

Main distribution pipe

[ Main\_distribution\_pipe ]

9\_ Main distribution pipe

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

9\_ Main distribution pipe was answered with Yes .

[ Diameter\_mm\_of\_Main\_distribution\_pipe ]

9.1\_ Diameter (mm)

• Relevant when:

9\_ Main distribution pipe was answered with Yes .

[ Material\_and\_class\_of\_Main\_distribution\_pipe ]

9.2\_ Material and class of the pipe

Distribution pipe

[ Distribution\_pipe ]

10\_ Distribution pipe

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

10\_ Distribution pipe was answered with Yes .

[ Diameter\_mm\_of\_Distribution\_pipe ]

10.1\_ Diameter (mm)

• Relevant when:

10\_ Distribution pipe was answered with Yes .

[ Material\_and\_class\_of\_Distribution\_pipe ]

10.2\_ Material and class of the pipe

• Relevant when:

10\_ Distribution pipe was answered with Yes .

[ Photo ]

Take photo

Image:

Tap stand

[ Tap\_stand ]

11\_ Tap stand

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

11\_ Tap stand was answered with Yes .

[ Number\_of\_tap\_stand\_in\_the\_village\_of\_Tap\_stand ]

11.1\_ Number of tap stand in the village

• Relevant when:  

11\_ Tap stand

 was answered with 

Yes

.

[ Photo ]

Take photo

Image:

### V.3\_ Current situation of the water system

[ Is\_the\_system\_working ]

1\_ Is the system working?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

1\_ Is the system working?

 was answered with 

No

.

[ If\_no\_why ]

1.1\_ If no, why?

### V\_4\_ Use of water

#### Photo related to Use of water

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Use of water</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

### V\_4\_ Data - Use of water

[ Drinking ]

1\_ Drinking

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

1\_ Drinking

 was answered with 

No

.

[ If\_no\_why\_not\_Drinking ]

1.1\_ If no, why?

[ Cooking ]

2\_ Cooking

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

2\_ Cooking

 was answered with 

No

.

[ If\_no\_why\_not\_Cooking ]

2.1\_ If no, why?

[ Bathing ]

3\_ Bathing

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

3\_ Bathing

 was answered with 

No

.

[ If\_no\_why\_not\_Bathing ]

3.1\_ If no, why?

[ Washing ]

4\_ Washing

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  

4\_ Washing

 was answered with 

No

.

[ If\_no\_why\_not\_Washing ]

4.1\_ If no, why?

[ other ]

5\_ Other

### V.5\_ HHs Not using Water

[ Percent\_of\_HH\_not\_using ]

1\_ Estimated % of HH not using community water system (%)

• Relevant when:

1\_ Estimated % of HH not using community water system (%)

was NOT answered with "

AND

1\_

Estimated % of HH not using community water system (%)

was NOT answered with 0.

[ If\_not\_using\_why ]

1.1\_ If not using, why?

Choose one or more options:

<input type="checkbox"/>	Tap stand too far
<input type="checkbox"/>	System broken
<input type="checkbox"/>	Can not pay
<input type="checkbox"/>	Other

• Relevant when:

1.1\_ If not using, why?

was answered with Other.

[ Other ]

1.2\_ Other, specify

## V.6\_ Technical compliance

### 1)\_ Intake

[ Workmanship ]

1\_1\_ Workmanship satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

1\_2\_ Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

1\_3\_ Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Water\_sources\_protection\_work ]

1\_4\_ Water sources protection work satisfactory?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Water\_sources\_protection\_work ]

Photo\_Water sources protection work satisfactory?

Image:

[ is\_the\_water\_source\_supplied\_round\_year ]

1\_5\_ is the water source supplied round-year?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_is\_the\_water\_source\_supplied\_round\_year ]

Photo\_is the water source supplied round-year?

Image:

[ Is\_the\_quality\_of\_water\_source ]

1\_6\_ Is the quality of water source satisfactory?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_the\_quality\_of\_water\_source ]

Photo\_Is the quality of water source satisfactory?

Image:

[ Are\_all\_vales\_installed\_and\_operational ]

1\_7\_ Are all vales installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Are\_all\_vales\_installed\_and\_operational ]

Photo\_Are all vales installed and operational?

Image:

[ Is\_the\_clean\_out\_system\_installed\_and\_operational ]

1\_8\_ Is the clean out system installed and operational?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Is\_the\_clean\_out\_system\_installed\_and\_operational ]

Photo\_Is the clean out system installed and operational?

Image:

[ Is\_there\_forest\_around\_the ]

1\_9\_ Is there forest around the intake?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Is\_there\_forest\_around\_the ]

Photo\_Is there forest around the intake?

Image:

1\_)\_ Photo related to intake

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>intake</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

2)\_ Settle tank

[ Workmanship ]

2\_1\_ Workmanship satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

2\_2\_ Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

2\_3\_ Concrete work satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Is\_the\_tank\_water\_tight\_no\_seepage\_leakage ]

2\_4\_ Is the tank water tight (no seepage leakage)?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Is\_the\_tank\_water\_tight\_no\_seepage\_leakage ]

Photo\_Is the tank water tight (no seepage leakage)?

Image:

[ Are\_all\_vales\_installed\_and\_operational ]

2\_5\_ Are all vales installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Are\_all\_vales\_installed\_and\_operational ]

Photo\_Are all vales installed and operational?

Image:

[ Is\_the\_clean\_out\_system\_installed\_and\_operational ]

2\_6\_ Is the clean out system installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_the\_clean\_out\_system\_installed\_and\_operational ]

Photo\_Is the clean out system installed and operational?

Image:

[ Is\_there\_fence\_around\_the\_tank ]

2\_7\_ Is there fence around the tank?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_there\_fence\_around\_the\_tank ]

Photo\_Is there fence around the tank?

Image:

2\_)\_ Photo related to settle tank

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>settle tank</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

3)\_ Break-pressure tank

[ Workmanship ]

3\_1\_ Workmanship satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

3\_2\_ Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

3\_3\_ Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Is\_the\_tank\_water\_tight\_no\_seepage\_leakage ]

3\_4\_ Is the tank water tight (no seepage leakage)?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_the\_tank\_water\_tight\_no\_seepage\_leakage ]

Photo\_Is the tank water tight (no seepage leakage)?

Image:

[ Are\_all\_vales\_installed\_and\_operational ]

3\_5\_ Are all vales installed and operational?

Choose only one option:

Yes

No

NA

[ Photo\_Are\_all\_vales\_installed\_and\_operational ]

Photo\_Are all vales installed and operational?

Image:

[ Is\_the\_clean\_out\_system\_installed\_and\_operational ]

3\_6\_ Is the clean out system installed and operational?

Choose only one option:

Yes

No

NA

[ Photo\_Is\_the\_clean\_out\_system\_installed\_and\_operational ]

Photo\_Is the clean out system installed and operational?

Image:

[ Is\_there\_fence\_around\_the\_tank ]

3\_7\_ Is there fence around the tank?

Choose only one option:

Yes

No

NA

[ Photo\_Is\_there\_fence\_around\_the\_tank ]

Photo\_Is there fence around the tank?

Image:

3\_)\_ Photo related to Break-pressure tank

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Break-pressure tank</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

4)\_ Transmission pipe (from intake to water storage tank)

[ Pipe\_installing\_and\_laying\_work ]

4\_1\_ Pipe installing and laying work satisfactory?

Choose only one option:

Yes

No

NA

[ Photo\_Pipe\_installing\_and\_laying\_work ]

Photo\_Pipe installing and laying work satisfactory?

Image:

[ Is\_the\_air\_valve\_installed\_and\_operational ]

4\_2\_ Is the air valve installed and operational?

Choose only one option:

Yes

No

NA

[ Photo\_Is\_the\_air\_valve\_installed\_and\_operational ]

Photo\_Is the air valve installed and operational?

Image:

[ Is\_the\_clean\_out\_system\_installed\_and\_operational ]

4\_3\_ Is the clean out system installed and operational?

Choose only one option:

Yes

No

NA

[ Photo\_Is\_the\_clean\_out\_system\_installed\_and\_operational ]

Photo\_Is the clean out system installed and operational?

Image:

[ Is\_there\_seepage\_or\_leakage\_along\_the\_pipe ]

4\_4\_ Is there seepage or leakage along the pipe?

Choose only one option:

Yes

No

NA

[ Photo\_Is\_there\_seepage\_or\_leakage\_along\_the\_pipe ]

Photo\_Is there seepage or leakage along the pipe?

Image:

[ Is\_the\_pipe\_clogged\_or\_blocked ]

4\_5\_ Is the pipe clogged or blocked?

Choose only one option:

Yes

No

NA

[ Photo\_Is\_the\_pipe\_clogged\_or\_blocked ]

Photo\_Is the pipe clogged or blocked?

Image:

4\_)\_ Photo related to Transmission pipe

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>Transmission pipe</div> <div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div>					

5)\_ River crossing

[ Workmanship ]  
5\_1\_ Workmanship satisfactory?  
*(visual inspection)*

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]  
Photo\_Workmanship satisfactory?

Image:

[ Concrete\_work ]  
2\_3\_ Concrete work satisfactory?  
*(visual inspection)*

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]  
Photo\_Concrete work satisfactory?

Image:

[ Is\_the\_componet\_stable ]  
5\_3\_ Is the componet stable?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_the\_componet\_stable ]  
Photo\_Is the componet stable?

Image:

[ Is\_steel\_cable\_and\_accessories\_in\_good\_condition ]  
5\_4\_ Is steel cable and accessories in good condition?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_steel\_cable\_and\_accessories\_in\_good\_condition ]  
Photo\_Is steel cable and accessories in good condition?

Image:

5\_)\_ Photo related to River crossing

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>River crossing</div> <div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div>					

6)\_ Water storage tank

[ Workmanship ]  
6\_1\_ Workmanship satisfactory?  
*(visual inspection)*

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

**Photo\_Workmanship satisfactory?**

Image:

[ Cleanliness\_work ]

**6\_2\_Cleanliness work satisfactory?**

(visual inspection)

Choose only one option:

☐ excellent

☐ good

☐ fair

☐ poor

☐ very bad

☐ NA

[ Photo\_Cleanliness\_work ]

**Photo\_Cleanliness work satisfactory?**

Image:

[ Concrete\_work ]

**6\_3\_Concrete work satisfactory?**

(visual inspection)

Choose only one option:

☐ excellent

☐ good

☐ fair

☐ poor

☐ very bad

☐ NA

[ Photo\_Concrete\_work ]

**Photo\_Concrete work satisfactory?**

Image:

[ Is\_the\_componet\_stable ]

**6\_4\_Is the componet stable?**

Choose only one option:

☐ Yes

☐ No

☐ NA

[ Photo\_Is\_the\_componet\_stable ]

**Photo\_Is the componet stable?**

Image:

[ Is\_the\_tank\_water\_tight\_no\_seepage\_leakage ]

**6\_5\_Is the tank water tight (no seepage leakage)?**

Choose only one option:

☐ Yes

☐ No

☐ NA

<p>[ Photo_Is_the_tank_water_tight_no_seepage_leakage ]</p> <p><b>Photo_Is the tank water tight (no seepage leakage)?</b></p> <p>Image:</p>											
<p>[ Are_all_vales_installed_and_operational ]</p> <p><b>6_6_Are all vales installed and operational?</b></p> <p>Choose only one option:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>Yes</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>No</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>NA</td> </tr> </table>						<input type="radio"/>	Yes	<input type="radio"/>	No	<input type="radio"/>	NA
<input type="radio"/>	Yes										
<input type="radio"/>	No										
<input type="radio"/>	NA										
<p>[ Photo_Are_all_vales_installed_and_operational ]</p> <p><b>Photo_Are all vales installed and operational?</b></p> <p>Image:</p>											
<p>[ Is_the_clean_out_system_installed_and_operational ]</p> <p><b>6_7_Is the clean out system installed and operational?</b></p> <p>Choose only one option:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>Yes</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>No</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>NA</td> </tr> </table>						<input type="radio"/>	Yes	<input type="radio"/>	No	<input type="radio"/>	NA
<input type="radio"/>	Yes										
<input type="radio"/>	No										
<input type="radio"/>	NA										
<p>[ Photo_Is_the_clean_out_system_installed_and_operational ]</p> <p><b>Photo_Is the clean out system installed and operational?</b></p> <p>Image:</p>											
<p>[ Is_there_fence_around_the_tank ]</p> <p><b>6_8_Is there fence around the tank?</b></p> <p>Choose only one option:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>Yes</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>No</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td>NA</td> </tr> </table>						<input type="radio"/>	Yes	<input type="radio"/>	No	<input type="radio"/>	NA
<input type="radio"/>	Yes										
<input type="radio"/>	No										
<input type="radio"/>	NA										
<p>[ Photo_Is_there_fence_around_the_tank ]</p> <p><b>Photo_Is there fence around the tank?</b></p> <p>Image:</p>											

6_) _ Photo related to Water storage tank					
Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <h3 style="text-align: center; margin: 0;">Water storage tank</h3> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>[ Description ]</p> <p><b>Description</b></p> </div> <div style="border: 1px solid black; padding: 10px;"> <p>[ Photo ]</p> <p><b>Take photo</b></p> <p>Image:</p> </div>					



7)\_ Distribution pipe (from water storage tank to each tap stand)

[ Pipe\_installing\_and\_laying\_work ]

7\_1\_Pipe installing and laying work satisfactory?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Pipe\_installing\_and\_laying\_work ]

Photo\_Pipe installing and laying work satisfactory?

Image:

[ Is\_there\_seepage\_or\_leakage\_along\_the\_pipe ]

7\_2\_Is there seepage or leakage along the pipe?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_there\_seepage\_or\_leakage\_along\_the\_pipe ]

Photo\_Is there seepage or leakage along the pipe?

Image:

[ Is\_the\_pipe\_clogged\_or\_blocked ]

7\_3\_Is the pipe clogged or blocked?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_the\_pipe\_clogged\_or\_blocked ]

Photo\_Is the pipe clogged or blocked?

Image:

7)\_ Photo related to Distribution pipe

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Distribution pipe</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

8)\_ Tap stands

[ Workmanship ]

8\_1\_Workmanship satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

8\_2\_Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

8\_3\_Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Are\_all\_faucet\_taps\_installed\_and\_operational ]

8\_4\_Are all faucet taps installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Are\_all\_faucet\_taps\_installed\_and\_operational ]

Photo\_Are all faucet taps installed and operational?

Image:

[ Is\_flow\_and\_pressure\_of\_each\_tap\_stand ]

8\_5\_ Is flow and pressure of each tap stand satisfactory?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Is\_flow\_and\_pressure\_of\_each\_tap\_stand ]

Photo\_Is flow and pressure of each tap stand satisfactory?

Image:

[ Are\_all\_vales\_installed\_and\_operational ]

8\_6\_ Are all vales installed and operational?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Are\_all\_vales\_installed\_and\_operational ]

Photo\_Are all vales installed and operational?

Image:

[ is\_water\_meter\_installed\_and\_operational ]

8\_7\_ is water meter installed and operational?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_is\_water\_meter\_installed\_and\_operational ]

Photo\_is water meter installed and operational?

Image:

[ Is\_drainage\_and\_soak\_pit\_installed\_and\_operational ]

8\_8\_ Is drainage and soak pit installed and operational?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Is\_drainage\_and\_soak\_pit\_installed\_and\_operational ]

Photo\_Is drainage and soak pit installed and operational?

Image:

[ Is\_there\_fence\_around\_the\_tank ]

8\_9\_ Is there fence around the tank?

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Photo\_Is\_there\_fence\_around\_the\_tank ]

Photo\_Is there fence around the tank?

Image:

8\_)\_ Photo related to Tap stands

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Tap stands</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

[ End\_road ]

This is the end of "Water Supply assessment"

• Relevant when:

Select sub-project

was answered with

4. Irrigation

.

VI. Irrigation

VI.1\_ Construction

[ StartDate\_Ir ]

1 Start date of construction

Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

• Relevant when:

1 Start date of construction

is greater than 0.

[ CompleteDate ]

2 Completion date of construction

Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

[ Cost ]

3 Cost of construction (kip)

[ Contractor\_Ir ]  
**4 Type of Contractors**  
Choose only one option:

<input type="radio"/>	Construction company
<input type="radio"/>	Construction company + Villager
<input type="radio"/>	Villager
<input type="radio"/>	OMC
<input type="radio"/>	RMG
<input type="radio"/>	Other (specify)

• Relevant when:  
4 Type of Contractors was answered with Other (specify) .

[ Other\_Contractor ]  
**4.1 Other, specify**

[ Detail\_Address ]  
**4.2 Detail/Address of contractor**

[ Scope\_of\_work\_of\_RehabConstruction ]  
**5 Scope of work of Rehab/Construction**  
Choose only one option:

<input type="radio"/>	New Construction
<input type="radio"/>	Rehabilitation

[ Scope\_of\_work\_in\_detail ]  
**6 Scope of work in detail**

## VI.6 Maintenance

[ Is\_there\_a\_road\_maintenance\_committee\_Ir ]  
**1 Is there a maintenance committee**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
1 Is there a maintenance committee was answered with Yes .

[ If\_yes\_date\_of\_established ]  
**2\_ If yes, date of established**  
Date: \_\_ / \_\_ / \_\_\_\_ (DD/MM/YYYY)

• Relevant when:  
1 Is there a maintenance committee was answered with Yes .

[ How\_many\_members\_Ir ]  
**3 How many members**

• Relevant when:  
3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_head\_of\_committee\_role ]  
**4\_ No. of head of committee role**

• Relevant when:  
3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_treasurer\_role ]  
**5\_ No. of treasurer role**

• Relevant when:  
3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_care\_taker\_role ]  
**6\_ No. of care taker role**

• Relevant when:  
3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ No\_of\_other\_role\_Ir ]  
**7\_ Other roles**

• Relevant when:  
7\_ Other roles was NOT answered with 0 AND 7\_ Other roles was NOT answered with ".

[ Number\_of\_other ]  
**8\_ Number of other role**

• Relevant when:  
3 How many members was NOT answered with 0 AND 3 How many members was NOT answered with ".

[ Number\_of\_female\_committee ]  
**9\_ Number of female committee**

• Relevant when:  
1 Is there a maintenance committee was answered with Yes .

[ Did\_committee\_members\_receive\_any\_training ]  
**10 Did committee members receive any training**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Did\_villagers\_receive\_any\_training\_on\_maintenance ]  
**11 Did villagers receive any training on maintenance**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ How\_many\_times\_have\_maintenance\_been\_carried\_out\_since\_completion\_Ir ]  
**12 How many times have maintenance been carried out since completion**

• Relevant when:

12 How many times have maintenance been carried out since completion

was NOT answered with 0

AND

12 How many times have maintenance been carried out since completion

was NOT answered with ''.

[ Are\_there\_any\_difficulties\_in\_mobilization\_for\_maintenance ]

13 Are there any difficulties in mobilization for maintenance

Choose only one option:

Yes

No

NA

• Relevant when:

12 How many times have maintenance been carried out since completion

was NOT answered with 0

AND

12 How many times have maintenance been carried out since completion

was NOT answered with ''.

[ Remark\_of\_difficulties\_in\_mobilization\_for\_maintenance\_ ]

14 Remark of difficulties in mobilization for maintenance

[ Is\_there\_fees\_for\_maintenance\_Ir ]

15\_ Is there fees for maintenance

Choose only one option:

Yes

No

NA

• Relevant when:

15\_ Is there fees for maintenance

was answered with Yes.

[ if\_yes\_price ]

16\_ if yes, price (kip)

• Relevant when:

15\_ Is there fees for maintenance

was answered with Yes.

[ comment\_of\_fee ]

16.1\_ remark of fee

[ and\_other\_payment\_system\_for\_OM\_Ir ]

17\_ and other payment system for O&M? (kip)

• Relevant when:

17\_ and other payment system for O&M? (kip)

was NOT answered with 0

AND

17\_ and other payment system for O&M? (kip)

was NOT answered with ''.

[ comment\_of\_O\_M ]

17.1\_ remark of O&M payment

### VI.7 Safeguards

[ Are\_the\_works\_in\_a\_protected\_area\_Ir ]

1 Are the works in a protected area?

Choose only one option:

Yes

No

NA

• Relevant when:

1 Are the works in a protected area?

was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts ]

1.1 If yes, what actions were taken to avoid impacts

[ Did\_the\_works\_affect\_any\_village\_lands\_or\_personal\_property\_Ir ]

2 Did the works affect any village lands or personal property

Choose only one option:

Yes

No

NA

• Relevant when:

2 Did the works affect any village lands or personal property

was answered with Yes.

[ If\_yes\_what\_actions\_were\_taken\_to\_avoid\_impacts\_villagers ]

2.1 If yes, what actions were taken to avoid impacts

[ Remark ]

3 Remark

### VI.8 Disaster Risk

[ Does\_the\_area\_suffer\_from\_any\_natural\_disasters\_Ir ]

1 Does the area suffer from any natural disasters?

Choose only one option:

Yes

No

NA

• Relevant when:

1 Does the area suffer from any natural disasters?

was answered with Yes.

[ If\_yes\_were\_these\_potential\_impacts\_considered\_in\_the\_design ]

1.1 If yes, were these potential impacts considered in the design

Choose only one option:

Yes

No

NA

[ Remark ]

2 Remark

### VI.9 PRF (Training)

[ How\_many\_trainings\_were\_provided\_by\_PRF\_Ir ]

1 How many trainings were provided by PRF

• Relevant when:

1 How many trainings were provided by PRF

was NOT answered with 0

AND

1 How many trainings were provided by PRF

was NOT answered with "

[ How\_would\_you\_rate\_these\_trainings ]

2 How would you rate these trainings

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Remark ]

3 Remark

[ Were\_trained\_villagers\_able\_to\_carry\_out\_the\_activities\_they\_were\_trained\_to\_do\_Ir ]

4 Were trained villagers able to carry out the activities they were trained to do

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

4 Were trained villagers able to carry out the activities they were trained to do

was answered with No

[ if\_not\_why ]

4.1 If not, why?

[ Were\_there\_any\_follow\_up\_trainings\_provided\_Ir ]

5 Were there any follow -up trainings provided

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

5 Were there any follow -up trainings provided

was answered with Yes

[ If\_yes\_how\_many\_Time\_Year ]

5.1 If yes, how many (Time/Year)

[ Remark\_ ]

6 Remark

VI.2\_ Current situation

[ Is\_the\_system\_working\_Ir ]

1\_ Is the system working?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

1\_ Is the system working?

was answered with No

[ If\_no\_why ]

1.1\_ If no, why

Photo related to Current situation

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Current situation</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

[ Source\_of\_water ]

VI.3\_ Source of water:

Choose one or more options:

<input type="checkbox"/>	Surface
<input type="checkbox"/>	Ground

• Relevant when:

VI.3\_ Source of water:

was answered with Surface

VI.3.1\_ Surface

[ Type\_of\_surface\_water ]

1\_ Type of surface water?

Choose one or more options:

<input type="checkbox"/>	Reservoir
<input type="checkbox"/>	Lake
<input type="checkbox"/>	River

• Relevant when:

1\_ Type of surface water?

was NOT answered with Answer "NA" not found;

[ Photo\_Type\_of\_surface\_water ]

Photo\_ Type of surface water?

Image:

[ Irrigation\_water\_supply ]

2\_ Irrigation water supply:

Choose only one option:

<input type="radio"/>	Gravity
<input type="radio"/>	Pump
<input type="radio"/>	Pump/gravity
<input type="radio"/>	Other

• Relevant when:

2\_ Irrigation water supply:

was NOT answered with Answer "NA" not found;.

[ Photo\_Irrigation\_water\_supply ]

Photo\_Irrigation water supply:

Image:

[ Irrigation\_Water\_Conveyance\_by\_Gravity ]

3\_ Irrigation Water Conveyance by Gravity?

Choose only one option:

Yes

No

NA

• Relevant when:

3\_ Irrigation Water Conveyance by Gravity?

was answered with Yes.

[ Photo\_Irrigation\_Water\_Conveyance\_by\_Gravity ]

Photo\_Irrigation Water Conveyance by Gravity?

Image:

### VI.3.1.1\_ Canals

[ Is\_there\_main\_canal\_SF ]

C.1\_ Is there main canal?

Choose only one option:

Yes

No

NA

• Relevant when:

C.1\_ Is there main canal?

was answered with Yes.

Main Canals

Photo related to Main Canals

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Main Canals</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

### Data - Main Canals

[ Length\_of\_canal\_km ]

1\_ Length of canal (km)

[ Canal\_type ]

2\_ Canal type

Choose one or more options:

Earth

Concrete

Stone/Brick

[ Pipe\_mc ]

3\_ Pipe:

Choose only one option:

Yes

No

NA

• Relevant when:

3\_ Pipe:

was answered with Yes.

[ Type\_of\_pipe ]

3.1\_ Type of pipe

Choose one or more options:

Metal

PVC Upvc

Plactic pipe

[ Pump\_pressurized\_pipe\_Mc ]

4\_ Pump pressurized pipe

Choose only one option:

Yes

No

NA

• Relevant when:

4\_ Pump pressurized pipe

was answered with Yes.

[ Type\_of\_pump\_pressurized\_pipe ]

4.1\_ Type of pump pressurized pipe

Choose one or more options:

Metal

PVC Upvc

Plactic pipe

[ Is\_there\_secondary\_canal\_SF ]

C.2\_ Is there secondary canal?

Choose only one option:

Yes

No

NA

• Relevant when:

C.2\_ Is there secondary canal?

was answered with Yes.

Secondary canal

Photo related to Secondary canal

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>Secondary canal</div> <div><div>[ Description ] Description</div><div>[ Photo ] Take photo Image:</div></div>					

Data - Secondary canal

[ Length\_of\_canal\_km ]  
1\_ Length of canal (km)

[ Canal\_type ]  
2\_ Canal type

Choose one or more options:

<input type="checkbox"/>	Earth
<input type="checkbox"/>	Concrete
<input type="checkbox"/>	Stone/Brick

[ Pipe\_se ]  
3\_ Pipe:

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
3\_ Pipe: was answered with Yes .

[ Type\_of\_pipe ]  
3.1\_ Type of pipe

Choose one or more options:

<input type="checkbox"/>	Metal
<input type="checkbox"/>	PVC Upvc
<input type="checkbox"/>	Plactic pipe

[ Pump\_pressurized\_pipe\_Se ]  
4\_ Pump pressurized pipe

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
4\_ Pump pressurized pipe was answered with Yes .

[ Type\_of\_pump\_pressurized\_pipe ]  
4.1\_ Type of pump pressurized pipe

Choose one or more options:

<input type="checkbox"/>	Metal
<input type="checkbox"/>	PVC Upvc
<input type="checkbox"/>	Plactic pipe

[ Is\_there\_Tertiary\_SF ]  
C.3\_ Is there Tertiary?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
C.3\_ Is there Tertiary? was answered with Yes .

Tertiary

Photo related to Tertiary

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>Tertiary</div> <div><div>[ Description ] Description</div><div>[ Photo ] Take photo Image:</div></div>					

Data - Tertiary

[ Length\_of\_canal\_km ]  
1\_ Length of canal (km)

[ Canal\_type ]  
2\_ Canal type

Choose one or more options:

<input type="checkbox"/>	Earth
<input type="checkbox"/>	Concrete
<input type="checkbox"/>	Stone/Brick

[ Pipe\_te ]  
**3\_Pipe:**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
3\_Pipe: was answered with Yes.

[ Type\_of\_pipe ]  
**3.1\_Type of pipe**  
Choose one or more options:  

<input type="checkbox"/>	Metal
<input type="checkbox"/>	PVC Upvc
<input type="checkbox"/>	Plactic pipe

[ Pump\_pressurized\_pipe\_Te ]  
**4\_Pump pressurized pipe**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
4\_Pump pressurized pipe was answered with Yes.

[ Type\_of\_pump\_pressurized\_pipe ]  
**4.1\_Type of pump pressurized pipe**  
Choose one or more options:  

<input type="checkbox"/>	Metal
<input type="checkbox"/>	PVC Upvc
<input type="checkbox"/>	Plactic pipe

[ Is\_there\_Canal\_structures\_SF ]  
**C.4\_Is there Canal structures?**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
C.4\_Is there Canal structures? was answered with Yes.

Canal structures

Photo related to Canal structures

Question	Element 1	Element 2	Element 3	Element 4	Element 5
----------	-----------	-----------	-----------	-----------	-----------

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Canal structures</div><div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div></div>					

Data - Canal structures

[ Off\_take ]  
**1\_Off-take**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Stilling\_basin ]  
**2\_Stilling basin**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Check\_structure ]  
**3\_Check structure**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Drop\_structure ]  
**4\_Drop structure**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Turn\_outs\_SF ]  
**5\_Turn-out(s)**  
Choose only one option:  

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
4\_Turn-out(s) was answered with No.

[ If\_turn\_out\_No\_specify ]  
**5.1\_If turn-out No, specify?**



[ Side\_spill\_weir ]  
**6\_ Side spill weir**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Tail\_structure ]  
**7\_ Tail structure**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
VI.3\_ Source of water: was answered with Ground .

VI.3.2\_ Groundwater

[ Irrigation\_water\_supply\_surface ]  
**1\_ Irrigation water supply:**  
Choose only one option:

<input type="radio"/>	Gravity
<input type="radio"/>	Pump
<input type="radio"/>	Pump/gravity
<input type="radio"/>	Other

• Relevant when:  
1\_ Irrigation water supply: was NOT answered with Answer "NA" not found; .

[ Photo\_Irrigation\_water\_supply\_surface ]  
**Photo\_Irrigation water supply:**  
Image:

[ Irrigation\_Water\_Conveyance\_by\_Gravity\_surface ]  
**2\_ Irrigation Water Conveyance by Gravity?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
2\_ Irrigation Water Conveyance by Gravity? was answered with Yes .

[ Photo\_Irrigation\_Water\_Conveyance\_by\_Gravity\_surface ]  
**Photo\_Irrigation Water Conveyance by Gravity?**  
Image:

VI.3.2.1\_ Canals

[ Is\_there\_main\_canal ]  
**Is there main canal?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
Is there main canal? was answered with Yes .

Main Canals

Photo related to Main Canals

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div><b>Main Canals</b></div><div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div></div>					

Data - Main Canals

[ Length\_of\_canal\_km ]  
**1\_ Length of canal (km)**

[ Canal\_type ]  
**2\_ Canal type**  
Choose one or more options:

<input type="checkbox"/>	Earth
<input type="checkbox"/>	Concrete
<input type="checkbox"/>	Stone/Brick

[ Pipe\_mcl ]  
**3\_ Pipe:**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

3\_Pipe:

was answered with

Yes

.

[ Type\_of\_pipe ]

3.1\_Type of pipe

Choose one or more options:

☐

Metal

☐

PVC Upvc

☐

Plactic pipe

[ Pump\_pressurized\_pipe\_mc1 ]

4\_Pump pressurized pipe

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

4\_Pump pressurized pipe

was answered with

Yes

.

[ Type\_of\_pump\_pressurized\_pipe ]

4.1\_Type of pump pressurized pipe

Choose one or more options:

☐

Metal

☐

PVC Upvc

☐

Plactic pipe

[ Is\_there\_secondary\_canal ]

Is there secondary canal?

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

Is there secondary canal?

was answered with

Yes

.

Secondary

Photo related to Secondary canal

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Secondary canal</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

Data - Secondary

[ Length\_of\_canal\_km ]

1\_Length of canal (km)

[ Canal\_type ]

2\_Canal type

Choose one or more options:

☐

Earth

☐

Concrete

☐

Stone/Brick

[ Pipe\_mc2 ]

3\_Pipe:

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

3\_Pipe:

was answered with

Yes

.

[ Type\_of\_pipe ]

3.1\_Type of pipe

Choose one or more options:

☐

Metal

☐

PVC Upvc

☐

Plactic pipe

[ Pump\_pressurized\_pipe\_mc2 ]

4\_Pump pressurized pipe

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

4\_Pump pressurized pipe

was answered with

Yes

.

[ Type\_of\_pump\_pressurized\_pipe ]

4.1\_Type of pump pressurized pipe

Choose one or more options:

☐

Metal

☐

PVC Upvc

☐

Plactic pipe

[ Is\_there\_Tertiary ]

Is there Tertiary?

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

Is there Tertiary?

was answered with

Yes

.

Tertiary

Photo related to Tertiary

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>Tertiary</div> <div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div>					

Data - Tertiary

[ Length\_of\_canal\_km ]

1\_ Length of canal (km)

[ Canal\_type ]

2\_ Canal type

Choose one or more options:

<input type="checkbox"/>	Earth
<input type="checkbox"/>	Concrete
<input type="checkbox"/>	Stone/Brick

[ Pipe\_mc3 ]

3\_ Pipe:

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:

3\_ Pipe: was answered with Yes.

[ Type\_of\_pipe ]

3.1\_ Type of pipe

Choose one or more options:

<input type="checkbox"/>	Metal
<input type="checkbox"/>	PVC Upvc
<input type="checkbox"/>	Plactic pipe

[ Pump\_pressurized\_pipe\_mc3 ]

4\_ Pump pressurized pipe

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
4\_ Pump pressurized pipe was answered with Yes.

[ Type\_of\_pump\_pressurized\_pipe ]  
4.1\_ Type of pump pressurized pipe

Choose one or more options:

<input type="checkbox"/>	Metal
<input type="checkbox"/>	PVC Upvc
<input type="checkbox"/>	Plactic pipe

[ Is\_there\_Canal\_structures ]  
Is there Canal structures?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
Is there Canal structures? was answered with Yes.

Canal structures

Photo related to Canal structures

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>Canal structures</div> <div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div>					

Data - Canal structures

[ Stilling\_basin ]

1\_ Stilling basin

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Check\_structure ]

2\_ Check structure

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Drop\_structure ]

3\_Drop structure

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Turn\_outs ]

4\_Turn-out(s)

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

4\_Turn-out(s) was answered with No.

[ If\_turn\_out\_No\_specify ]

4.1\_ If turn-out No, specify?

[ Side\_spill\_weir ]

5\_Side spill weir

Choose only one option:

☐

Yes

☐

No

☐

NA

[ Pressurized\_pipe\_structures\_valves ]

6\_Pressurized pipe structures, valves?

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

6\_Pressurized pipe structures, valves? was answered with Yes.

[ If\_yes\_What\_type\_of\_valve ]

6.1\_ If yes, What type of valve

### VI.4\_Cropping calender and cropping pattern

[ Crop\_per\_year ]

Crop per year

Choose one or more options:

☐

[1]

☐

[2]

☐

[3]

#### VI.4.1\_Crops wet season

Photo related to Crops wet season

Question	Element 1	Element 2	Element 3	Element 4	Element 5
----------	-----------	-----------	-----------	-----------	-----------

Question	Element 1	Element 2	Element 3	Element 4	Element 5
----------	-----------	-----------	-----------	-----------	-----------

Crops wet season

[ Description ]

Description

[ Photo ]

Take photo

Image:

Data - Crops wet season

[ Rice\_ws ]

1\_Rice

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

1\_Rice was answered with Yes.

[ If\_yes\_how\_many\_ha\_rice ]

1.1\_ If yes, how many ha?

[ Vegetables\_ws ]

2\_Vegetables

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

2\_Vegetables was answered with Yes.

[ If\_yes\_how\_many\_ha\_Veg ]

2.1\_ If yes, how many ha?

[ Other\_crops\_ws ]

3\_Other crops

Choose only one option:

☐

Yes

☐

No

☐

NA

• Relevant when:

3\_Other crops was answered with Yes.

[ If\_yes\_what\_type\_of\_crop\_1\_ws ]

3.1\_ If yes, what type of crop-1?

• Relevant when:

3.1\_ If yes, what type of crop-1?

was NOT answered with ".  
  
[ If\_yes\_how\_many\_ha\_1\_ws ]  
**3.1.1\_ If yes, how many ha-1?**

• Relevant when:

3.1\_ If yes, what type of crop-1?

was NOT answered with ".  
  
[ If\_yes\_what\_type\_of\_crop\_2\_ws ]  
**3.2\_ If yes, what type of crop-2?**

• Relevant when:

3.2\_ If yes, what type of crop-2?

was NOT answered with ".  
  
[ If\_yes\_how\_many\_ha\_2\_ws ]  
**3.2.1\_ If yes, how many ha-2?**

• Relevant when:

3.2\_ If yes, what type of crop-2?

was NOT answered with ".  
  
[ If\_yes\_what\_type\_of\_crop\_3\_ws ]  
**3.3\_ If yes, what type of crop-3?**

• Relevant when:

3.3\_ If yes, what type of crop-3?

was NOT answered with ".  
  
[ If\_yes\_how\_many\_ha\_3\_ws ]  
**3.3.1\_ If yes, how many ha-3?**

VI.4.2\_ Crops dry season

Photo related to Crops dry season

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Crops dry season</div><div><div>[ Description ] Description</div><div><div>[ Photo ] Take photo</div><div>Image:</div></div></div></div>					

Data - Crops dry season

[ Rice ]  
**1\_ Rice**  
Choose only one option:  

☐ Yes

☐ No

☐ NA

• Relevant when:

1\_ Rice

was answered with Yes.  
  
[ If\_yes\_how\_many\_ha\_rice ]  
**1.1\_ If yes, how many ha?**

[ Vegetables ]  
**2\_ Vegetables**  
Choose only one option:  

☐ Yes

☐ No

☐ NA

• Relevant when:

2\_ Vegetables

was answered with Yes.  
  
[ If\_yes\_how\_many\_ha\_Veg ]  
**2.1\_ If yes, how many ha?**

[ Other\_crops ]  
**3\_ Other crops**  
Choose only one option:  

☐ Yes

☐ No

☐ NA

• Relevant when:

3\_ Other crops

was answered with Yes.  
  
[ If\_yes\_what\_type\_of\_crop\_1 ]  
**3.1\_ If yes, what type of crop-1?**

• Relevant when:

3.1\_ If yes, what type of crop-1?

was NOT answered with ".  
  
[ If\_yes\_how\_many\_ha\_1 ]  
**3.1.1\_ If yes, how many ha-1?**

• Relevant when:

3.1\_ If yes, what type of crop-1?

was NOT answered with ".  
  
[ If\_yes\_what\_type\_of\_crop\_2 ]  
**3.2\_ If yes, what type of crop-2?**

• Relevant when:

3.2\_ If yes, what type of crop-2?

was NOT answered with ".  
  
[ If\_yes\_how\_many\_ha\_2 ]  
**3.2.1\_ If yes, how many ha-2?**

• Relevant when:

3.2\_ If yes, what type of crop-2?

was NOT answered with ".

[ If\_yes\_what\_type\_of\_crop\_3 ]

3.3\_ If yes, what type of crop-3?

• Relevant when:

3.3\_ If yes, what type of crop-3?

was NOT answered with ".

[ If\_yes\_how\_many\_ha\_3 ]

3.3.1\_ If yes, how many ha-3?

VI.5\_ Technical compliance

• Relevant when:

1\_ Type of surface water? was answered with Reservoir.

1)\_ Reservoir - offtake

[ Workmanship ]

1\_1\_ Workmanship satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

1\_2\_ Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

1\_3\_ Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]

1\_4\_ Earth works including any protection astisfactory

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]

Photo\_Earth works including any protection astisfactory

Image:

• Relevant when:

1\_ Type of surface water? was answered with Reservoir.

1\_)\_ Photo related to reservoir

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>reservoir</div> <div><div>[ Description ]</div><div>Description</div></div> <div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div>					

• Relevant when:

1\_ Type of surface water? was answered with Lake.

2)\_ Lake (offtake)

[ Workmanship ]  
**1\_1\_ Workmanship satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]  
**Photo\_Workmanship satisfactory?**  
Image:

[ Cleanliness\_work ]  
**1\_2\_ Cleanliness work satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]  
**Photo\_Cleanliness work satisfactory?**  
Image:

[ Concrete\_work ]  
**1\_3\_ Concrete work satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]  
**Photo\_Concrete work satisfactory?**  
Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]  
**1\_4\_ Earth works including any protection astisfactory**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]  
**Photo\_Earth works including any protection astisfactory**  
Image:

• Relevant when:  
1\_ Type of surface water? was answered with Lake.

**2\_) Photo related to Lake (offtake)**

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div>Lake (offtake)<div>[ Description ] Description<div>[ Photo ] Take photo Image:</div></div></div>					

• Relevant when:  
1\_ Type of surface water? was answered with River.

**3)\_ River (head regulator including downstream channel)**

[ Workmanship ]  
**1\_1\_ Workmanship satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]  
**Photo\_Workmanship satisfactory?**  
Image:

[ Cleanliness\_work ]  
**1\_2\_ Cleanliness work satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

1\_3\_ Concrete work satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]

1\_4\_ Earth works including any protection astisfactory

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]

Photo\_Earth works including any protection astisfactory

Image:

• Relevant when:

1\_ Type of surface water?

 was answered with 

River

.

3\_)\_ Photo related to River

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>River</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

#### 4)\_ Intake/Offtake

[ Workmanship ]

1\_1\_ Workmanship satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

1\_2\_ Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

1\_3\_ Concrete work satisfactory?

(visual inspection)

Choose only one option:

☐

excellent

☐

good

☐

fair

☐

poor

☐

very bad

☐

NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Water\_sources\_protection\_work\_satisfactory ]

1\_4\_ Water sources protection work satisfactory?

Choose only one option:

☐

Yes

☐

No

☐

NA



[ Photo_Water_sources_protection_work_satisfactory ] <b>Photo_Water sources protection work satisfactory?</b> Image:
--

[ Is_the_water_source_supplied_round_year ] <b>1_5_Is the water source supplied round-year?</b> Choose only one option:
<input type="radio"/> Yes
<input type="radio"/> No
<input type="radio"/> NA

[ Photo_Is_the_water_source_supplied_round_year ] <b>Photo_Is the water source supplied round-year?</b> Image:
--

[ Pumps_are_all_pumps_installed_and_operational ] <b>1_6_Pumps, are all pumps installed and operational?</b> Choose only one option:
<input type="radio"/> Yes
<input type="radio"/> No
<input type="radio"/> NA

[ Photo_Pumps_are_all_pumps_installed_and_operational ] <b>Photo_Pumps, are all pumps installed and operational?</b> Image:
---

[ Gated_structure_are_all_valves_slide_gates_installed_and_operational ] <b>1_7_Gated structure are all valves/slide gates installed and operational?</b> Choose only one option:
<input type="radio"/> Yes
<input type="radio"/> No
<input type="radio"/> NA

[ Photo_Gated_structure_are_all_valves_slide_gates_installed_and_operational ] <b>Photo_Gated structure are all valves/slide gates installed and operational?</b> Image:
--

[ Is_there_a_flushing_system_installed_and_operational ] <b>1_8_Is there a flushing system installed and operational?</b> Choose only one option:
<input type="radio"/> Yes
<input type="radio"/> No
<input type="radio"/> NA

[ Photo_Is_there_a_flushing_system_installed_and_operational ] <b>Photo_Is there a flushing system installed and operational?</b> Image:
--

[ Is_there_forest_around_the_intake ] <b>1_9_Is there forest around the intake?</b> Choose only one option:
<input type="radio"/> Yes
<input type="radio"/> No
<input type="radio"/> NA

<p>[ Photo_Is there_forest_around_the_intake ]</p> <p><b>Photo_Is there forest around the intake?</b></p> <p>Image:</p>					
---	--	--	--	--	--

<b>4)_ Photo related to Intake/Offtake</b>					
Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <b>Intake/Offtake</b> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;">             [ Description ]  <b>Description</b> </div> <div style="border: 1px solid black; padding: 10px;">             [ Photo ]  <b>Take photo</b>               Image:           </div>					

<h2 style="margin: 0;">5)_ Head work</h2>
---

<p>[ Workmanship ]</p> <p><b>1_1_ Workmanship satisfactory?</b></p> <p>(visual inspection)</p> <p>Choose only one option:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;"><input type="radio"/></td><td>excellent</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>good</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>fair</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>poor</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>very bad</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>NA</td></tr> </table>	<input type="radio"/>	excellent	<input type="radio"/>	good	<input type="radio"/>	fair	<input type="radio"/>	poor	<input type="radio"/>	very bad	<input type="radio"/>	NA
<input type="radio"/>	excellent											
<input type="radio"/>	good											
<input type="radio"/>	fair											
<input type="radio"/>	poor											
<input type="radio"/>	very bad											
<input type="radio"/>	NA											

<p>[ Photo_Workmanship ]</p> <p><b>Photo_Workmanship satisfactory?</b></p> <p>Image:</p>
--

<p>[ Cleanliness_work ]</p> <p><b>1_2_ Cleanliness work satisfactory?</b></p> <p>(visual inspection)</p> <p>Choose only one option:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;"><input type="radio"/></td><td>excellent</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>good</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>fair</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>poor</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>very bad</td></tr> <tr><td style="text-align: center;"><input type="radio"/></td><td>NA</td></tr> </table>	<input type="radio"/>	excellent	<input type="radio"/>	good	<input type="radio"/>	fair	<input type="radio"/>	poor	<input type="radio"/>	very bad	<input type="radio"/>	NA
<input type="radio"/>	excellent											
<input type="radio"/>	good											
<input type="radio"/>	fair											
<input type="radio"/>	poor											
<input type="radio"/>	very bad											
<input type="radio"/>	NA											

<p>[ Photo_Cleanliness_work ]</p> <p><b>Photo_Cleanliness work satisfactory?</b></p> <p>Image:</p>
--

[ Concrete\_work ]

1\_3\_Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]

1\_4\_Earth works including any protection astisfactory

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]

Photo\_Earth works including any protection astisfactory

Image:

[ are\_all\_valves\_slide\_gates\_installed\_and\_operational ]

1\_5\_are all valves/slide gates installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_are\_all\_valves\_slide\_gates\_installed\_and\_operational ]

Photo\_are all valves/slide gates installed and operational?

Image:

5_)_ Photo related to Head work					
Question	Element 1	Element 2	Element 3	Element 4	Element 5

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Head work</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

• Relevant when:

C.1\_Is there main canal?

 was answered with 

Yes

OR

Is there main canal?

 was answered with 

Yes

 .

6)\_ Main canal

[ Workmanship ]

1\_1\_Workmanship satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

1\_2\_Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]  
**1\_3\_ Concrete work satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]  
**Photo\_Concrete work satisfactory?**  
Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]  
**1\_4\_ Earth works including any protection astisfactory**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]  
**Photo\_Earth works including any protection astisfactory**  
Image:

[ Is\_there\_seepage\_or\_leakage\_from\_the\_canal ]  
**1\_5\_ Is there seepage or leakage from the canal?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_there\_seepage\_or\_leakage\_from\_the\_canal ]  
**Photo\_Is there seepage or leakage from the canal?**  
Image:

[ are\_all\_valves\_slide\_gates\_installed\_and\_operational ]  
**1\_6\_ are all valves/slide gates installed and operational?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_are\_all\_valves\_slide\_gates\_installed\_and\_operational ]  
**Photo\_are all valves/slide gates installed and operational?**  
Image:

• Relevant when:  
C.1\_ Is there main canal? was answered with Yes OR Is there main canal? was answered with Yes.

6\_)\_ Photo related to Main canal

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div><b>Main canal</b></div><div>[ Description ] <b>Description</b></div><div>[ Photo ] <b>Take photo</b> Image:<div></div></div></div>					

• Relevant when:  
C.2\_ Is there secondary canal? was answered with Yes OR Is there secondary canal? was answered with Yes.

7)\_ Secondary canal

[ Workmanship ]  
**1\_1\_ Workmanship satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]  
**Photo\_Workmanship satisfactory?**  
Image:

[ Cleanliness\_work ]  
**1\_2\_ Cleanliness work satisfactory?**  
*(visual inspection)*  
Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]  
**Photo\_Cleanliness work satisfactory?**  
Image:

[ Concrete\_work ]

1\_3\_Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]

1\_4\_Earth works including any protection astisfactory

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]

Photo\_Earth works including any protection astisfactory

Image:

[ Is\_there\_seepage\_or\_leakage\_from\_the\_canal ]

1\_5\_Is there seepage or leakage from the canal?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_there\_seepage\_or\_leakage\_from\_the\_canal ]

Photo\_Is there seepage or leakage from the canal?

Image:

[ are\_all\_valves\_slide\_gates\_installed\_and\_operational ]

1\_6\_are all valves/slide gates installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_are\_all\_valves\_slide\_gates\_installed\_and\_operational ]

Photo\_are all valves/slide gates installed and operational?

Image:

• Relevant when:

C.2\_Is there secondary canal?

 was answered with 

Yes

OR

Is there secondary canal?

 was answered with 

Yes

.

7)\_ Photo related to Secondary canal

Question	Element 1	Element 2	Element 3	Element 4	Element 5
<div><div>Secondary canal</div><div><div>[ Description ]</div><div>Description</div></div><div><div>[ Photo ]</div><div>Take photo</div><div>Image:</div></div></div>					

C.3\_Is there Tertiary?

 was answered with 

Yes

OR

Is there Tertiary?

 was answered with 

Yes

.

• Relevant when:

8)\_ Tertiary canal

[ Workmanship ]

1\_1\_Workmanship satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Workmanship ]

Photo\_Workmanship satisfactory?

Image:

[ Cleanliness\_work ]

1\_2\_Cleanliness work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Cleanliness\_work ]

Photo\_Cleanliness work satisfactory?

Image:

[ Concrete\_work ]

1\_3\_Concrete work satisfactory?

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Concrete\_work ]

Photo\_Concrete work satisfactory?

Image:

[ Earth\_works\_including\_any\_protection\_astisfactory ]

1\_4\_Earth works including any protection astisfactory

(visual inspection)

Choose only one option:

<input type="radio"/>	excellent
<input type="radio"/>	good
<input type="radio"/>	fair
<input type="radio"/>	poor
<input type="radio"/>	very bad
<input type="radio"/>	NA

[ Photo\_Earth\_works\_including\_any\_protection\_astisfactory ]

Photo\_Earth works including any protection astisfactory

Image:

[ Is\_there\_seepage\_or\_leakage\_from\_the\_canal ]

1\_5\_Is there seepage or leakage from the canal?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_Is\_there\_seepage\_or\_leakage\_from\_the\_canal ]

Photo\_Is there seepage or leakage from the canal?

Image:

[ are\_all\_valves\_slide\_gates\_installed\_and\_operational ]

1\_6\_are all valves/slide gates installed and operational?

Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

[ Photo\_are\_all\_valves\_slide\_gates\_installed\_and\_operational ]

Photo\_are all valves/slide gates installed and operational?

Image:

• Relevant when:
 

C.3\_ Is there Tertiary?

was answered with

Yes

OR

Is there Tertiary?

was answered with

Yes

8)\_ Photo related to Tertiary canal

Question

Tertiary canal

[ Description ]  
Description

[ Photo ]  
Take photo  
Image:

Element 1

Element 2

Element 3

Element 4

Element 5

[ End\_Irrigation ]  
This is the end of  
"Irrigation assessment"

• Relevant when:

Select sub-project

was answered with

5. Social

VII. Social

S

[ Social\_related\_to\_sub\_project ]  
1. Social related to sub-project?

Choose one or more options:

☐

1. Primary school

☐

2. Water supply

☐

3. Road

☐

4. Irrigation

☐

5. Dispensary

• Relevant when:

1. Social related to sub-project?

was answered with

1. Primary school

VII.1 Primary school

VII.1.1 Village-Level Survey

E-1

[ Note ]  
Note: The survey here only focuses on primary school. Other educational stages should not be surveyed, as per the sampling decisions

[ Number\_of\_HHs\_benefitting\_from\_the\_project\_Sc ]

1. Number of HHs benefitting from the project

[ What\_type\_of\_school\_is\_the\_project\_school ]

2. What type of school is the project school?

Choose only one option:

primary

other

[ Prior\_to\_the\_project\_did\_the\_village\_have\_a\_primary\_school ]

3. Prior to the project, did the village have a primary school?

Choose only one option:

Yes

No

NA

E-2

[ Note ]

Note: all questions below pertain to the primary schools where the construction/rehabilitation of the school was supported by the project

[ After\_the\_project\_Do\_other\_villages\_also\_use\_or\_benefit\_from\_the\_project\_Sc ]

1 After the project, Do other villages also use or benefit from the project?

Choose only one option:

Yes

No

NA

• Relevant when:

1 After the project, Do other villages also use or benefit from the project? was answered with Yes .

[ If\_yes\_how\_many\_villages ]

1.1 If yes, how many villages?

[ Today\_what\_is\_the\_average\_class\_size\_in\_the\_school\_overall ]

2. Today, what is the average class size in the school overall?

[ How\_many\_classrooms\_were\_built\_with\_project\_financing ]

3. How many classrooms were built with project-financing?

[ When\_did\_the\_clasrooms\_start\_being\_used ]

4. When did the clasrooms start being used?

(Month and year. Put "Not yet" if not yet used)

[ How\_many\_pupils\_learn\_in\_the\_project\_funded\_classrooms ]

5. How many pupils learn in the project-funded classrooms?

(Total number of pupils for all project- funded classrooms. Can be approximative)

E-3

[ Note ]

Note: For the years where data are available, how many students were enrolled in the school in

[ The\_year\_of\_2016 ]

1. The year of 2016

(Number of students in the school. Put NA if there was no school. Put ND if there is no data)

[ The\_year\_of\_2017 ]

2. The year of 2017

(Number of students in the school. Put NA if there was no school. Put ND if there is no data)

[ The\_year\_of\_2018 ]

3. The year of 2018

(Number of students in the school. Put NA if there was no school. Put ND if there is no data)

[ The\_year\_of\_2019 ]

4. The year of 2019

(Number of students in the school. Put NA if there was no school. Put ND if there is no data)

[ The\_year\_of\_2020 ]

5. The year of 2020

(Number of students in the school. Put NA if there was no school. Put ND if there is no data)

[ The\_year\_of\_2021 ]

6. The year of 2021

(Number of students in the school. Put NA if there was no school. Put ND if there is no data)

[ Note\_ ]

Note: If the village already had some schools of the same educational stage (primary school) and new classes were built

[ What\_was\_the\_average\_class\_size\_prior\_to\_the\_schools\_construction ]

7. What was the average class size prior to the school's construction?

(Number of pupils per classroom and per teacher . Can be approximative)

• Relevant when:

1. Number of HHs benefitting from the project was NOT answered with 0 AND 1. Number of HHs benefitting from the project was NOT answered with ".

VII.1.2 HH level survey (5 HHs per village)

Question	Element 1	Element 2	1
<div><div>[ What_ethnic_group_are_you ]</div><div>What ethnic group are you?</div><div>(Number of children aged 6-10, all primary schools)</div></div>			

Question	Element 1	Element 2	1
<div>E-4</div> <div><div>[ Note ]</div><div>Note: Only survey HH with 1 or more child going to the project-financed school.</div></div> <div><div>[ How_many_children_of_school_age_do_you_have ]</div><div>1. How many children of school age do you have? <i>(Number of children aged 6-10, all primary schools)</i></div></div> <div><div>[ How_many_of_these_children_attend_the_project_financed_school ]</div><div>2. How many of these children attend the project-financed school? <i>(Number of children aged 6-10, all primary schools)</i></div></div>			
<div><div>• Relevant when:</div><div>2. How many of these children attend the project-financed school? was NOT answered with " AND 2. How many of these children attend the project-financed school? was NOT answered with 0.</div></div> <div>Child1</div> <div><div>[ Note ]</div><div>Note: Answer for the HH's children attending the project-financed school. If the HH has more than 3 children attending the school, answer for the 3 oldest children only</div></div> <div><div>[ Where_did_your_children_go_to_school_before_the_project_financed_school_was_opened_Child1 ]</div><div>1. Where did your children go to school before the project-financed school was opened?</div><div>Choose only one option:</div><div><div>other shool in village</div><div>other school further away</div><div>was of school age but did not go to school</div><div>was too young to go to school</div><div>NA</div></div></div> <div><div>• Relevant when:</div><div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away.</div><div>[ How_did_the_child_go_to_school_before ]</div><div>2. How did the child go to school before?</div><div>Choose only one option:</div><div><div>walk</div><div>bicycle</div><div>other</div></div></div>			

Question	Element 1	Element 2	1
<div><div>• Relevant when:</div><div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away.</div><div>[ Who_if_anyone_went_to_school_with_the_child ]</div><div>3. Who, if anyone, went to school with the child?</div><div>Choose only one option:</div><div><div>nobody</div><div>sibling</div><div>other school children</div><div>parents</div><div>other adult</div></div></div> <div><div>• Relevant when:</div><div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away.</div><div>[ How_long_was_the_journey_to_school_before_the_project_financed_school ]</div><div>4. How long was the journey to school before the project-financed school? <i>minute per day (add up time for going and returning)</i></div></div> <div><div>[ How_long_is_the_journey_to_the_project_financed_school_now ]</div><div>5. How long is the journey to the project-financed school now? <i>minute per day (add up time for going and returning)</i></div></div> <div><div>• Relevant when:</div><div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away.</div><div>[ How_many_days_a_month_did_your_children_miss_on_average_per_month_before_the_project_support ]</div><div>6. How many days a month did your children miss on average per month before the project support? <i>days per month (approximation is fine)</i></div></div> <div><div>[ How_many_days_a_month_do_your_children_miss_on_average_per_month_now_after_the_project_support ]</div><div>7. How many days a month do your children miss on average per month now after the project support? <i>days per month (approximation is fine)</i></div></div>			
<div><div>• Relevant when:</div><div>2. How many of these children attend the project-financed school? was NOT answered with 1 AND 2. How many of these children attend the project-financed school? was NOT answered with 0 AND 2. How many of these children attend the project-financed school? was NOT answered with .</div></div> <div>Child2</div> <div><div>[ Note ]</div><div>Note: Answer for the HH's children attending the project-financed school. If the HH has more than 3 children attending the school, answer for the 3 oldest children only</div></div>			

Question	Element 1	Element 2	Element 3
<div>[ Where_did_your_children_go_to_school_before_the_project_financed_school_was_opened_Child2 ]</div> <div>1. Where did your children go to school before the project-financed school was opened?</div> <div>Choose only one option:</div> <div><div>other shool in village</div><div>other school further away</div><div>was of school age but did not go to school</div><div>was too young to go to school</div><div>NA</div></div>			
<div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ How_did_the_child_go_to_school_before ]</div> <div>2. How did the child go to school before?</div> <div>Choose only one option:</div> <div><div>walk</div><div>bicycle</div><div>other</div></div>			
<div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ Who_if_anyone_went_to_school_with_the_child ]</div> <div>3. Who, if anyone, went to school with the child?</div> <div>Choose only one option:</div> <div><div>nobody</div><div>sibling</div><div>other school children</div><div>parents</div><div>other adult</div></div>			
<div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ How_long_was_the_journey_to_school_before_the_project_financed_school ]</div> <div>4. How long was the journey to school before the project-financed school?</div> <div>minute per day (add up time for going and returning)</div>			
<div>[ How_long_is_the_journey_to_the_project_financed_school_now ]</div> <div>5. How long is the journey to the project-financed school now?</div> <div>minute per day (add up time for going and returning)</div>			
<div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ How_many_days_a_month_did_your_children_miss_on_average_per_month_before_the_project_support ]</div> <div>6. How many days a month did your children miss on average per month before the project support?</div> <div>days per month (approximation is fine)</div>			

Question	Element 1	Element 2	Element 3
<div>[ How_many_days_a_month_do_your_children_miss_on_average_per_month_now_after_the_project_support ]</div> <div>7. How many days a month do your children miss on average per month now after the project support?</div> <div>days per month (approximation is fine)</div>			
<div>• Relevant when:</div> <div>2. How many of these children attend the project-financed school? was NOT answered with 1 AND 2. How many of these children attend the project-financed school? was NOT answered with 0 AND 2. How many of these children attend the project-financed school? was NOT answered with 2 AND 2. How many of these children attend the project-financed school? was NOT answered with ".</div> <div>Child3</div> <div>[ Note ]</div> <div>Note: Answer for the HH's children attending the project-financed school. If the HH has more than 3 children attending the school, answer for the 3 oldest children only</div> <div>[ Where_did_your_children_go_to_school_before_the_project_financed_school_was_opened_Child3 ]</div> <div>1. Where did your children go to school before the project-financed school was opened?</div> <div>Choose only one option:</div> <div><div>other shool in village</div><div>other school further away</div><div>was of school age but did not go to school</div><div>was too young to go to school</div><div>NA</div></div> <div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ How_did_the_child_go_to_school_before ]</div> <div>2. How did the child go to school before?</div> <div>Choose only one option:</div> <div><div>walk</div><div>bicycle</div><div>other</div></div> <div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ Who_if_anyone_went_to_school_with_the_child ]</div> <div>3. Who, if anyone, went to school with the child?</div> <div>Choose only one option:</div> <div><div>nobody</div><div>sibling</div><div>other school children</div><div>parents</div><div>other adult</div></div>			



Question	Element 1	Element 2	1
<div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ How long was the journey to school before the project financed school ]</div> <div>4. How long was the journey to school before the project-financed school? <i>minute per day (add up time for going and returning)</i></div>			
<div>[ How long is the journey to the project financed school now ]</div> <div>5. How long is the journey to the project-financed school now? <i>minute per day (add up time for going and returning)</i></div>			
<div>• Relevant when:</div> <div>1. Where did your children go to school before the project-financed school was opened? was answered with other shool in village OR 1. Where did your children go to school before the project-financed school was opened? was answered with other school further away .</div> <div>[ How many days a month did your children miss on average per month before the project support ]</div> <div>6. How many days a month did your children miss on average per month before the project support? <i>days per month (approximation is fine)</i></div>			
<div>[ How many days a month do your children miss on average per month now after the project support ]</div> <div>7. How many days a month do your children miss on average per month now after the project support? <i>days per month (approximation is fine)</i></div>			
<div>[ School_note ]</div> <div>Please note any information not previously noted that is important to understand the answers or impact of the infrastructure <i>[free text]</i></div>			
<div>[ End_Social_School ]</div> <div>This is the end of "Social Related to School"</div>			
<div>• Relevant when:</div> <div>1. Social related to sub-project? was answered with 2. Water supply .</div> <div>VII.2 Water</div> <div>VII.2.1 Village-Level Survey</div> <div>Overall</div> <div>[ Number_of_HHs_benefitting_from_the_project ]</div> <div>1. Number of HHs benefitting from the project</div>			

<div>[ output_number_of_stand_pipes_installed_by_the_project ]</div> <div>2. output: number of stand pipes installed by the project <i>(Number, put 0 if none)</i></div>
<div>[ Before_the_project_where_did_most_HHs_in_the_village_get_water_for_drinking_and_cooking_ ]</div> <div>3. Before the project, where did most HHs in the village get water for drinking and cooking?</div> <div>Choose only one option:</div> <div><div><input type="radio"/> other source of water in the village</div><div><input type="radio"/> source of water outside the village</div></div>
<div>[ How_long_did_it_take_to_go_there1 ]</div> <div>4. How long did it take to go there? <i>Minutes per trip (sum up the time for going and returning)</i></div>
<div>[ Before_the_project_where_did_most_HHs_get_water_for_washing_ ]</div> <div>5. Before the project, where did most HHs get water for washing?</div> <div>Choose only one option:</div> <div><div><input type="radio"/> other source of water in the village</div><div><input type="radio"/> source of water outside the village</div></div>
<div>[ How_long_did_it_take_to_go_there2 ]</div> <div>6. How long did it take to go there? <i>Minutes per trip (sum up the time for going and returning)</i></div>
<div>[ Now_where_do_most_HHs_get_water_for_drinking_and_cooking_ ]</div> <div>7. Now, where do most HHs get water for drinking and cooking?</div> <div>Choose only one option:</div> <div><div><input type="radio"/> other source of water in the village</div><div><input type="radio"/> PRF-financed source of water</div><div><input type="radio"/> source of water outside the village</div></div>
<div>[ Now_where_do_most_HHs_get_water_for_washing_ ]</div> <div>8. Now, where do most HHs get water for washing ?</div> <div>Choose only one option:</div> <div><div><input type="radio"/> other source of water in the village</div><div><input type="radio"/> PRF-financed source of water</div><div><input type="radio"/> source of water outside the village</div></div>
<div>[ How_many_HH_in_the_village_use_water_from_the_stand_pipe_system ]</div> <div>9. How many HH in the village use water from the stand pipe system? <i>(Number of HH)</i></div>
<div>[ What_is_the_capacity_of_the_water_tanks ]</div> <div>10. What is the capacity of the water tanks? <i>(Enter in number of Litres per water tank)</i></div>
<div>[ How_many_HH_on_average_use_one_water_tank ]</div> <div>11. How many HH on average use one water tank? <i>(Average HH per water tanks)</i></div>
<div>[ On_average_how_many_Litres_per_day_are_available_per_tank_in_the_wet_season ]</div> <div>12. On average, how many Litres per day are available per tank in the wet season? <i>(Litres per day, approximative answer is fine)</i></div>

[ On_average_how_many_Litres_per_day_are_available_per_tank_in_the_dry_season ] <b>13. On average, how many Litres per day are available per tank in the dry season?</b> <i>(Litres per day, approximative answer is fine)</i>	
• Relevant when: 9. How many HH in the village use water from the stand pipe system? was NOT answered with 0 AND 9. How many HH in the village use water from the stand pipe system? was NOT answered with ".	
VII.2.2 HH level survey (5 HHs per village)	
Question	
[ What_ethnic_group_are_you ] <b>What ethnic group are you?</b>	
These questions focus on water use before the project	
[ Where_did_you_typically_go_to_fetch_water ] <b>1. Where did you typically go to fetch water?</b> Choose only one option: other source of water in the village source of water outside the village	
[ How_far_away_was_the_most_frequently_used_source_of_water ] <b>2. How far away was the (most frequently used) source of water?</b> <i>(Minutes per trip, going and returning)</i>	
[ How_much_time_per_day_did_your_HH_spend_fetching_water ] <b>3. How much time per day did your HH spend fetching water?</b> <i>(Minutes per day per HH (for all trips, and all sources of water. If two/three/X people take a trip, the time should be multiplied by two/three/x)</i>	
[ On_average_how_many_days_per_month_were_you_and_your_family_members_sick_from_water_in_the_wet_season_eg_diarrhea ] <b>4. On average, how many days per month were you and your family members sick from water in the wet season (e.g. diarrhea or dysentery)?</b> <i>(Average days per month, per HH member)</i>	
[ On_average_how_many_days_per_month_were_you_and_your_family_members_sick_from_water_in_the_dry_season_eg_diarrhea ] <b>5. On average, how many days per month were you and your family members sick from water in the dry season (e.g. diarrhea or dysentery)?</b> <i>(Average days per month, per HH member)</i>	

Question	
These questions focus on water use after the project	
[ Now_where_do_you_typically_go_to_fetch_water ] <b>6. Now, where do you typically go to fetch water?</b> Choose only one option: other source of water in the village PRF-financed source of water source of water outside the village	
[ Now_how_far_away_is_the_most_frequently_used_source_of_water_ ] <b>7. Now, how far away is the (most frequently used) source of water ?</b> <i>(Minutes per trip, going and returning)</i>	
[ Now_how_much_time_per_day_does_your_HH_spend_fetching_water ] <b>8. Now, how much time per day does your HH spend fetching water?</b> <i>Minutes per day per HH (for all trips, and all sources of water)</i>	
[ Does_your_HH_use_more_water_than_before_the_project ] <b>9. Does your HH use more water than before the project?</b> Choose only one option: same amount a bit more a lot more I don't know	
[ Where_do_you_and_your_HH_members_get_your_drinking_and_cooking_water_from ] <b>10. Where do you and your HH members get your drinking and cooking water from?</b> Choose only one option: project installation (tanks or pipe) other	
• Relevant when: 10. Where do you and your HH members get your drinking and cooking water from? was answered with other.	
[ If_other_please_describe ] <b>10.1. If other, please describe</b>	
[ On_average_how_many_days_per_month_are_you_and_your_family_members_now_sick_from_water_in_the_wet_season_eg_diarrhea ] <b>11. On average, how many days per month are you and your family members now sick from water in the wet season (e.g. diarrhea or dysentery)?</b> <i>(Average days per month, per HH member)</i>	
[ On_average_how_many_days_per_month_are_you_and_your_family_members_now_sick_from_water_in_the_dry_season_eg_diarrhea ] <b>12. On average, how many days per month are you and your family members now sick from water in the dry season (e.g. diarrhea or dysentery)?</b> <i>(Average days per month, per HH member)</i>	

[ Water\_note ]  
Please note any information not previously noted that is important to understand the answers or impact of the infrastructure  
[free text]

[ End\_Social\_Water ]  
This is the end of "Social Related to Water"

• Relevant when:  
1. Social related to sub-project? was answered with 3. Road.

VII.3 Road

[ Village\_level\_Rd ]  
VII.3.1. Village-Level Survey

[ Number\_of\_HHs\_benefitting\_from\_the\_project ]  
1. Number of HHs benefitting from the project

[ output\_number\_of\_km\_of\_road\_\_construct\_rehabilitate\_with\_the\_project ]  
2. output: number of km of road construct/rehabilitate with the project  
(Number, put 0 if none)

[ How\_many\_HH\_have\_vehicle ]  
3. How many HH have vehicle?  
Number of HHs

• Relevant when:  
3. How many HH have vehicle? was NOT answered with 0 AND 3. How many HH have vehicle? was NOT answered with ".

How many vehicles in this village of:

[ Truck ]  
3.1. Truck

[ Pick\_up ]  
3.2. Pick up

[ Tractor ]  
3.3. Tractor

[ Tok\_tok ]  
3.4. Tok tok

[ Motobike ]  
3.5. Motobike

[ Other1 ]  
3.6. Other1

• Relevant when:  
3.6. Other1 was NOT answered with 0 AND 3.6. Other1 was NOT answered with ".

[ specity\_other1 ]  
3.6.1. specity, other1

• Relevant when:  
3.6. Other1 was NOT answered with 0 AND 3.6. Other1 was NOT answered with ".

[ Other2 ]  
3.7. Other2

• Relevant when:  
3.7. Other2 was NOT answered with 0 AND 3.7. Other2 was NOT answered with ".

[ specity\_other2 ]  
3.7.1. specity, other2

• Relevant when:  
3.7. Other2 was NOT answered with 0 AND 3.7. Other2 was NOT answered with ".

[ Other3 ]  
3.8. Other3

• Relevant when:  
3.8. Other3 was NOT answered with 0 AND 3.8. Other3 was NOT answered with ".

[ specity\_other3 ]  
3.8.1. specity, other3

[ Before\_the\_project\_What\_do\_people\_in\_the\_village\_use\_the\_road\_for\_ ]  
4. Before the project, What do people in the village use the road for?  
(descipe)

[ Before\_the\_project\_How\_much\_time\_people\_in\_the\_village\_take\_to\_go\_to\_nearest\_market\_ ]  
5. Before the project, How much time people in the village take to go to the agricultural production area?  
Minutes per trip

[ After\_the\_project\_Do\_other\_villages\_also\_use\_or\_benefit\_from\_the\_project\_Rd ]  
6 After the project, Do other villages also use or benefit from the project?  
Choose only one option:  

☐ Yes

☐ No

☐ NA

• Relevant when:  
6 After the project, Do other villages also use or benefit from the project? was answered with Yes.

[ If\_yes\_how\_many\_villages ]  
6.1 If yes, how many villages?

[ Now\_What\_do\_people\_in\_the\_village\_use\_the\_road\_for\_ ]  
**7. Now, What do people in the village use the road for?**  
*(descipe)*

[ Now\_how\_much\_time\_did\_it\_take\_to\_go\_to\_nearest\_market\_ ]  
**8. Now, How much time did people in the village take to go to the agricultural production area?**  
*Minutes per trip*

[ On\_average\_how\_many\_vehicle\_travel\_per\_day\_in\_the\_wet\_season\_ ]  
**9. On average, how many vehicle travel per day in the wet season?**  
*Number of vehicle*

[ On\_average\_how\_many\_vehicle\_travel\_per\_day\_in\_the\_dry\_season\_ ]  
**10. On average, how many vehicle travel per day in the dry season?**  
*Number of vehicle*

[ in\_the\_last\_4\_months\_has\_the\_road\_undergone\_any\_maintenance\_ ]  
**11. in the last 4 months, has the road undergone any maintenance?**  
*Number*

• Relevant when:  
3. How many HH have vehicle? was NOT answered with 0 AND 3. How many HH have vehicle? was NOT answered with ".  
**VII.3.2 HH level survey (5 HHs per village)**

Question		
[ What_ethnic_group_are_you_ ] <b>What ethnic group are you?</b>		
[ Note_ ] <b>Note: For each of the following vehicles, how many does your household have</b>		
[ Motorbike_ ] <b>1. Motorbike</b> <i>Number</i>		
[ Tok_tok_ ] <b>2. Tok tok</b> <i>Number</i>		
[ Mini_pick_up_ ] <b>3. Mini pick up</b> <i>Number</i>		
[ Truck_ ] <b>4. Truck</b> <i>Number</i>		
[ Other_ ] <b>5. Other</b> <i>Number</i>		

Question		
[ What_is_the_most_frequently_used_vehicles_ ] <b>6. What is the most frequently used vehicles?</b> Choose only one option: motorbik tok tok pick up other		

<b>These questions focus on use of road before the project (interview HHs that have motor tok tok, pick up etc)</b>		
[ Before_the_project_What_do_you_use_the_road_for_ ] <b>1. Before the project, What do you use the road for?</b> <i>(descipe)</i>		
[ Before_the_project_how_many_Litres_of_fuel_did_you_use_for_a_round_trip_from_your_village_to_the_nearest_market_ ] <b>2. Before the project, How much time did you take to go to the agricultural production area?</b> <i>Minutes per trip, going and returning</i>		
[ Before_the_project_how_much_did_you_spend_on_fuel_for_a_round_trip_from_your_village_to_the_nearest_market_ ] <b>3. Before the project, how much time did you take for a round trip from your village to the another nearest village?</b> <i>Minutes per trip, going and returning</i>		
[ Before_the_road_construction_rehabilitation_on_average_how_many_time_per_month_did_you_travel_to_District_center_in_the_wet_season_ ] <b>4. Before the road construction/rehabilitation, on average, how many time per month did you travel to the agricultural production in the wet season?</b> <i>Average time per month, per HH member</i>		
[ Before_the_road_construction_rehabilitation_on_average_how_many_time_per_month_did_you_travel_to_District_center_in_the_dry_season_ ] <b>5. Before the road construction/rehabilitation, on average, how many time per month did you travel to the agricultural production in the dry season?</b> <i>Average time per month, per HH member</i>		

Question	
<div>These questions focus on use of road after the project (interview HHs that have motor tok tok, pick up etc)</div>	
<div>[ Now_What_do_you_use_the_road_for_ ] <b>1. Now, What do you use the road for?</b> <i>(descipe)</i></div>	
<div>[ Now_How_much_time_you_spend_from_your_village_to_nearest_market_by_motobike_pick_up_Tok_Tok_ ] <b>2. Now, How much time did you take to go to the agricultural production area?</b> <i>Minutes per trip, going and returning</i></div>	
<div>[ Now_how_many_Litres_of_fuel_did_you_use_for_a_round_trip_from_your_village_to_the_nearest_market_ ] <b>3. Now, how much time did you take for a round trip from your village to the another nearest village?</b> <i>Minutes per trip, going and returning</i></div>	
<div>[ Now_on_average_how_many_time_per_month_do_you_travel_to_District_center_in_the_wet_season_ ] <b>4. 4. Now, on average, how many time per month did you travel to the agricultural production area in the wet season?</b> <i>Average times per month, per HHH member</i></div>	
<div>[ Now_on_average_how_many_time_per_month_do_you_travel_to_District_center_in_the_dry_season_ ] <b>5. 5. Now, on average, how many time per month did you travel to the agricultural production area in the dry season?</b> <i>Average times per month, per HHH member</i></div>	
<div>[ Road_note ] <b>8. Please note any information not previously noted that is important to understand the answers or impact of the infrastructure</b> <i>[free text]</i></div>	
<div>[ End_Social_Road ] <b>This is the end of "Social Related to Road"</b></div>	
<div>• Relevant when: 1. Social related to sub-project? was answered with 4. Irrigation .</div>	
<div>VII.4 Irrigation</div>	
<div>VII.4.1 Village-Level Survey</div>	
<div>[ Which_year_of_irrigation_construction_rehabilitation_complete_ ] <b>1. Which year of irrigation construction/rehabilitation complete?</b> <i>Year</i></div>	

<div>[ Before_the_project_did_the_village_have_irrigation_system_ ] <b>2. Before the project, did the village have irrigation system?</b> Choose only one option:<table><tbody><tr><td><input type="radio"/></td><td>Yes</td></tr><tr><td><input type="radio"/></td><td>No</td></tr><tr><td><input type="radio"/></td><td>NA</td></tr></tbody></table></div>				<input type="radio"/>	Yes	<input type="radio"/>	No	<input type="radio"/>	NA		
<input type="radio"/>	Yes										
<input type="radio"/>	No										
<input type="radio"/>	NA										
<div>[ How_many_HHs_directly_benefit_from_this_irrigation_system_ ] <b>3. How many HHs directly benefit from this irrigation system?</b> <i>Number of HHs</i></div>											
<div>[ How_many_hectares_of_farming_areas_in_your_village_before_the_project_ ] <b>4. How many hectares of farming areas in your village before the project?</b> <i>Number of ha.</i></div>											
<div>[ How_many_hectares_of_farming_areas_in_your_village_after_the_project_ ] <b>5. How many hectares of farming areas in your village after the project?</b> <i>Number of ha.</i></div>											
<div>[ How_many_seasons_do_farmers_in_your_village_can_grow_before_the_project_ ] <b>6. How many seasons do farmers in your village can grow before the project?</b> <i>Number of ha.</i></div>											
<div>[ How_many_seasons_do_farmers_in_your_village_can_grow_after_the_project_ ] <b>7. How many seasons do farmers in your village can grow after the project?</b> <i>Number of ha.</i></div>											
<div>[ What_type_of_crops_do_farmers_in_your_village_grow_before_the_project_ ] <b>8. What type of crops do farmers in your village grow before the project?</b></div>											
<div>[ What_type_of_crops_do_farmers_in_your_village_grow_after_the_project_ ] <b>9. What type of crops do farmers in your village grow after the project?</b></div>											
<div>[ Have_you_noted_any_increase_of_production_in_your_village_recently_ ] <b>10. Have you noted any increase of production in your village recently?</b> Choose only one option:<table><tbody><tr><td><input type="radio"/></td><td>Yes</td></tr><tr><td><input type="radio"/></td><td>No</td></tr><tr><td><input type="radio"/></td><td>NA</td></tr></tbody></table></div>				<input type="radio"/>	Yes	<input type="radio"/>	No	<input type="radio"/>	NA		
<input type="radio"/>	Yes										
<input type="radio"/>	No										
<input type="radio"/>	NA										
<div>• Relevant when: 3. How many HHs directly benefit from this irrigation system? was NOT answered with 0 AND 3. How many HHs directly benefit from this irrigation system? was NOT answered with ". <div>VII.4.2 HH level survey (5 HHs per village)</div></div>											
<table><thead><tr><th>Question</th><th>Element 1</th><th>Element 2</th><th>E</th></tr></thead><tbody><tr><td><div>[ What_ethnic_group_are_you_ ] <b>What ethnic group are you?</b></div></td><td></td><td></td><td></td></tr></tbody></table>				Question	Element 1	Element 2	E	<div>[ What_ethnic_group_are_you_ ] <b>What ethnic group are you?</b></div>			
Question	Element 1	Element 2	E								
<div>[ What_ethnic_group_are_you_ ] <b>What ethnic group are you?</b></div>											

Question	Element 1	Element 2	E
<p><b>These questions focus on irrigation system before the project (interview HHs that benefitted from the irrigation scheme)</b></p> <p>[ Before_the_project_how_many_ha_of_crop_plantation_area_do_you_have_in_total ] <b>1. Before the project, how many ha of crop plantation area do you have? (in total)</b> <i>Number of hectare</i></p> <p>[ Before_the_project_how_many_hectares_did_you_crop_in_the_main_planting_season ] <b>2. Before the project, how many hectares did you crop in the main planting season?</b> <i>Number of hectare</i></p> <p>• Relevant when: [ 2. Before the project, how many hectares did you crop in the main planting season? ] was NOT answered with 0 [ AND ] [ 2. Before the project, how many hectares did you crop in the main planting season? ] was NOT answered with ".  [ Before_the_project_what_was_the_main_crop_for_the_main_planting_season ] <b>3. Before the project, what was the main crop for the main planting season?</b> <i>Name of the crop</i></p> <p>[ Before_the_project_how_many_hectares_did_you_do_crop_off_season ] <b>4. Before the project, how many hectares did you do crop off-season?</b> <i>Number of hectare</i></p> <p>• Relevant when: [ 4. Before the project, how many hectares did you do crop off-season? ] was NOT answered with 0 [ AND ] [ 4. Before the project, how many hectares did you do crop off-season? ] was NOT answered with ".  [ Before_the_project_what_was_the_main_crop_for_the_off_season ] <b>5. Before the project, what was the main crop for the off-season?</b> <i>Name of the crop</i></p> <p>• Relevant when: [ 2. Before the project, how many hectares did you crop in the main planting season? ] was NOT answered with 0 [ AND ] [ 2. Before the project, how many hectares did you crop in the main planting season? ] was NOT answered with ".  [ Before_the_project_what_was_your_average_yield_kg_hectare_for_the_crop_in_the_main_planting_season ] <b>6. Before the project, what was your average yield (kg/hectare) for the crop in the main planting season?</b> <i>kg/ha</i></p> <p>• Relevant when: [ 4. Before the project, how many hectares did you do crop off-season? ] was NOT answered with 0 [ AND ] [ 4. Before the project, how many hectares did you do crop off-season? ] was NOT answered with ".  [ Before_the_project_what_was_your_average_yield_kg_hectare_for_the_crop_in_the_off_season ] <b>7. Before the project, what was your average yield (kg/hectare) for the crop in the off-season?</b> <i>kg/ha</i></p>			

Question	Element 1	Element 2	E
<p><b>These questions focus on irrigation system after the project (interview HHs that have farmlandetc)</b></p> <p>[ Now_how_many_hectares_do_you_do_crop_in_the_main_planting_season ] <b>1. Now, how many hectares do you do crop in the main planting season?</b> <i>Number of hectare</i></p> <p>• Relevant when: [ 1. Now, how many hectares do you do crop in the main planting season? ] was NOT answered with " [ AND ] [ 1. Now, how many hectares do you do crop in the main planting season? ] was NOT answered with 0.  [ Now_what_is_the_main_crop_for_the_main_planting_season ] <b>2. Now, what is the main crop for the main planting season?</b> <i>Name of the crop</i></p> <p>[ Now_how_many_hectares_do_you_crop_off_season ] <b>3. Now, how many hectares do you crop off-season?</b> <i>Number of hectare</i></p> <p>• Relevant when: [ 3. Now, how many hectares do you crop off-season? ] was NOT answered with 0 [ AND ] [ 3. Now, how many hectares do you crop off-season? ] was NOT answered with ".  [ Now_what_is_the_main_crop_for_the_off_season ] <b>4. Now, what is the main crop for the off-season?</b> <i>Name of the crop</i></p> <p>• Relevant when: [ 1. Now, how many hectares do you do crop in the main planting season? ] was NOT answered with 0 [ AND ] [ 1. Now, how many hectares do you do crop in the main planting season? ] was NOT answered with ".  [ Before_the_project_what_was_your_average_yield_kg_hectare_for_the_crop_in_the_main_planting_season ] <b>5. Now, what is your average yield (kg/hectare) for the crop in the main planting season?</b> <i>kg/ha</i></p> <p>• Relevant when: [ 3. Now, how many hectares do you crop off-season? ] was NOT answered with 0 [ AND ] [ 3. Now, how many hectares do you crop off-season? ] was NOT answered with ".  [ Before_the_project_what_was_your_average_yield_kg_hectare_for_the_crop_in_the_off_season ] <b>6. Now, what is your average yield (kg/hectare) for the crop in the off-season?</b> <i>kg/ha</i></p>			
<p>[ Irrigation_note ] <b>7. Please note any information not previously noted that is important to understand the answers or impact of the infrastructure</b> <i>[free text]</i></p>			

[ End\_Social\_Irrigation ]  
**This is the end of "Social Related to Irrigation"**

• Relevant when:  
1. Social related to sub-project? was answered with 5. Dispensary .

### VII.5 Dispensary

#### VII.5.1 Village-Level Survey

[ Number\_of\_HHs\_benefitting\_from\_the\_project\_Ds ]  
**1. Number of HHs benefitting from the project**  
*Number of HHs*

[ Which\_year\_of\_dispensary\_construction\_rehabilitation\_complete ]  
**2. Which year of dispensary construction/rehabilitation complete?**  
*Year*

[ Before\_the\_project\_where\_do\_villagers\_go\_when\_they\_are\_sick\_or\_need\_health\_care\_service ]  
**3. Before the project, where is the nearest place that villagers go when they are sick or need health care service?**  
*Place*

[ Before\_the\_project\_On\_orage\_How\_many\_minutes\_do\_they\_take\_to\_get\_there ]  
**3.1. Before the project, On overage, How many minutes do they take to get there?**  
*(minute)*

[ After\_the\_project\_On\_orage\_How\_many\_minutes\_do\_they\_take\_to\_get\_there ]  
**3.2. After the project, On overage, How many minutes do they take to get there?**  
*(minute)*

[ After\_the\_project\_Do\_other\_villages\_also\_use\_or\_benefit\_from\_the\_project\_Di ]  
**4 After the project, Do other villages also use or benefit from the project?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
4 After the project, Do other villages also use or benefit from the project? was answered with Yes .

[ If\_yes\_how\_many\_villages ]  
**4.1 If yes, how many villages?**

[ Now\_where\_do\_villagers\_go\_when\_they\_are\_sick\_or\_need\_health\_care\_service ]  
**5. Now, where do villagers go when they are sick or need health care service?**  
*Place*

[ Which\_months\_of\_seasonal\_calendar\_people\_likely\_to\_get\_sick ]  
**6. Which months of seasonal calendar people likely to get sick?**  
*Month*

[ Have\_you\_noticed\_any\_change\_of\_dispensary\_for\_healthcare\_service\_recently ]  
**7. Have you noticed any change of dispensary for healthcare service recently?**  
Choose only one option:

<input type="radio"/>	Yes
<input type="radio"/>	No
<input type="radio"/>	NA

• Relevant when:  
7. Have you noticed any change of dispensary for healthcare service recently? was answered with Yes .

[ If\_yes\_what\_is\_the\_changes ]  
**8. If yes, what is the changes?**  
Choose only one option:

<input type="radio"/>	Same
<input type="radio"/>	Better
<input type="radio"/>	Worse
<input type="radio"/>	NA

• Relevant when:  
1. Number of HHs benefitting from the project was NOT answered with 0 AND 1. Number of HHs benefitting from the project was NOT answered with ".

### HH level survey (5 HHs per village)

Question	Element 1	Element 2	Element 3
[ What_ethnic_group_are_you ] <b>What ethnic group are you?</b>			
<div><div><h4>These questions focus on use of healthcare healthcare service before the project</h4><div><div><div>[ Before_the_project_where_did_your_family_member_go_for_healthacare_service_or_when_they_sick ] <b>1. Before the project, where did your family member go for healthacare service or when they sick?</b> <i>Place</i></div><div><div>[ Before_the_project_how_far_you_go_for_healthcare_service_from_your_village ] <b>2. Before the project, how far you go for healthcare service from your village?</b> <i>Distance (Km)</i></div><div><div>[ Before_the_project_how_many_time_per_year_did_your_family_member_go_for_healthcare_service ] <b>3. Before the project, how many time per year did your family member go for healthcare service?</b> <i>Number of times (all family member)</i></div></div></div></div></div></div></div>			

Question	Element 1	Element 2	Element 3
<div><p>These questions focus on use of healthcare service after the project</p><div><div><p>[ The_year_of_2019 ]</p><p><b>4. The year of 2019</b></p><p><i>Number of persons.</i></p></div><div><p>[ The_year_of_2020 ]</p><p><b>5. The year of 2020</b></p><p><i>Number of persons.</i></p></div><div><p>[ The_year_of_2021 ]</p><p><b>6. The year of 2021</b></p><p><i>Number of persons.</i></p></div></div><div><p>[ Where_did_they_go ]</p><p><b>7. Where did they go</b></p><p><i>Place</i></p></div><div><p>[ Now_where_did_your_family_member_go_for_healthacare_service ]</p><p><b>8. Now, where did your family member go for healthacare service?</b></p><p><i>Place</i></p></div><div><p>[ Now_how_far_you_go_for_healthcare_service_from_your_village ]</p><p><b>9. Now, how far you go for healthcare service from your village?</b></p><p><i>Distance (Km)</i></p></div><div><p>[ Now_how_many_times_per_year_did_your_family_member_go_for_healthcare_service ]</p><p><b>10. Now, how many times per year did your family member go for healthcare service?</b></p><p><i>Number of times</i></p></div></div>			
<div><p>[ Dipensary_note ]</p><p><b>11. Please note any information not previously noted that is important to understand the answers or impact of the infrastructure</b></p><p><i>[[free text]</i></p></div>			
<div><p>[ End_Social_Dispensery ]</p><p><b>This is the end of "Social Related to Dispansery"</b></p></div>			



**ANNEX 2 SUMMARY TECHNICAL EVALUATION OF SUB-PROJECTS**

	Province	District	Village	SP type	Type of works	Age	Overall construction quality	Fit for purpose	Environmental impacts	Social impacts	Natural Disaster affected	Difficult to access
1	Attapeu	Sanxay	B. Dakker	IR	RH	1<Y<2	Good	Yes	Yes	No	Yes	Yes
2	Attapeu	Sanxay	B. Jalernsay	IR	RH	1<Y<3	Good	Yes	No	No	No	No
3	Attapeu	Sanamxay	B. Kasare	RD	NC	Over 4	Fair	Yes	No	Yes	Yes	No
4	Attapeu	Sanamxay	B. Bangvilay	RD	NC	1<Y<2	Good	Yes	Yes	Yes	No	No
5	Attapeu	Sanxay	B. Yiatdak	WS	NC		Fair	Yes	No	No	Yes	Yes
6	Attapeu	Phouvong	B. Kaouan	WS	RH	3<Y<4	Good	Yes	Yes	No	No	Yes
7	Attapeu	Phouvong	B. Viengxay	BD	NC	2<Y<3	Good	Yes	No	No	No	Yes
8	Attapeu	Phouvong	B. Vongvilay Tai	BD	NC	1<Y<2	Fair	Yes	No	No	No	Yes
9	Houaphanh	Xiengkhor	B. Sobmone	IR	NC	3<Y<4	Good	Yes	No	No	No	No
10	Houaphanh	Viengxay	B. Nhere	IR	NC	Over 4	Fair	Yes	No	No	No	Yes
11	Houaphanh	Houameuang	B. More	IR	RH	Over 4	Fair	Yes	No	No	No	Yes
12	Houaphanh	Kuane	B. Hin Ngeop	RD	RH	Over 4	Fair	Yes	No	No	No	Yes
13	Houaphanh	Xamneua	B. Korhay	WS	RH	3<Y<4	Fair	Yes	No	No	No	No
14	Houaphanh	Sone	B. Meuang Koa	WS	RH	3<Y<4	Fair	No	No	No	Yes	No
15	Houaphanh	Hiem	B. Houaisa	WS	RH	3<Y<4	Fair	No	No	No	Yes	No
16	Houaphanh	Xamtay	B. Sobpheng	BD	NC	Over 4	Good	Yes	No	No	No	Yes
17	Luang Namtha	Viengphoukha	B. Tar Soom	IR	NC	Over 4	Good	Yes	No	No	No	No
18	Luang Namtha	Viengphoukha	B. Tar Soom	RD	RH	1<Y<2	Fair	Yes	No	No	No	No
19	Luang Namtha	Nalae	B. Khanha	RD	RH	3<Y<4	Fair	Yes	No	No	No	No
20	Luang Namtha	Viengphoukha	B. Poulan	WS	RH	Over 4	Good	Yes	No	No	Yes	No
21	Luang Namtha	Nalae	B. Phou Tang	WS	NC	Over 4	Good	Yes	No	No	No	Yes
22	Luang Namtha	Long	B. Pha Taa	WS	NC	Over 4	Fair	Yes	No	No	No	Yes
23	Luang Namtha	Long	B. Jamai	WS	NC	Over 4	Good	Yes	No	No	Yes	Yes
24	Luang Prabang	Viengkham	B. Nanoy	IR	RH	1<Y<2	Fair	Yes	No	Yes	Yes	Yes
25	Luang Prabang	Nambak	B. Kiewha	RD	RH	3<Y<4	Good	Yes	No	No	No	No

	Province	District	Village	SP type	Type of works	Age	Overall construction quality	Fit for purpose	Environmental impacts	Social impacts	Natural Disaster affected	Difficult to access
26	Luang Prabang	Nambak	B. Lankang	RD	RH	Over 4	Good	Yes	No	No	No	No
27	Luang Prabang	Phoukhoun	B. Lak 5	RD	RH	3<Y<4	Good	Yes	No	Yes	No	No
28	Luang Prabang	Viengkham	B. Navaen	RD	NC	1<Y<2	Fair	Yes	No	Yes	No	Yes
29	Luang Prabang	Phonthong	B. Nasamphan	WS	NC	3<Y<4	Good	Yes	No	No	No	Yes
30	Luang Prabang	Phonxay	B. Hin Tang	BD	NC	1<Y<2	Good	Yes	No	No	No	Yes
31	Luang Prabang	Pakxeng	B. Houaymod	BD	NC	Over 4	Good	Yes	No	No	No	Yes
32	Oudomxay	Namor	B. Phou Oeud	IR	RH	Over 4	Good	Yes	No	No	No	No
33	Oudomxay	Nga	B. Houay O	IR	RH	Over 4	Good	Yes	No	No	No	No
34	Oudomxay	Hoon	B. Dou	IR	RH	3<Y<4	Good	Yes	No	No	No	No
35	Oudomxay	Pakbeng	B. Kiew Khouy	IR	NC		Good	Yes	No	No	No	Yes
36	Oudomxay	Beng	B. Nahoum	RD	RH	Over 4	Poor	Yes	No	No	No	No
37	Oudomxay	Beng	B. Lainoy	RD	RH	Over 4	Fair	Yes	No	Yes	Yes	No
38	Oudomxay	Hoon	B. Chaeng	RD	RH	3<Y<4	Fair	Yes	No	No	No	No
39	Oudomxay	Hoon	B. Taleup	RD	RH	3<Y<4	Poor	Yes	No	No	Yes	Yes
40	Oudomxay	Nga	B. Huay Salark	WS	RH	Over 4	Good	Yes	Yes	No	No	No
41	Oudomxay	Namor	B. Huay Hok	BD	NC	Over 4	Good	Yes	No	No	No	No
42	Oudomxay	La	B. Lang Ling	BD	NC	Over 4	Good	Yes	No	No	No	Yes
43	Phongsaly	May	B. Sida	IR	NC	3<Y<4	Fair	Yes	No	No	No	Yes
44	Phongsaly	Khoua	B. Sarbor	RD	RH	Over 4	Fair	Yes	No	No	Yes	Yes
45	Phongsaly	Samphanh	B. Phoung Koo Luang	RD	RH	2<Y<3	Poor	Yes	No	No	Yes	Yes
46	Phongsaly	Samphanh	B. Kongsavi	RD	RH	3<Y<4	Good	Yes	No	No	No	Yes
47	Phongsaly	May	B. Mou Turn	WS	NC	Over 4	Fair	Yes	No	No	Yes	Yes
48	Phongsaly	May	B. Houay Kouck	WS	RH	3<Y<4	Fair	Yes	No	No	No	Yes
49	Phongsaly	Khoua	B. Omtup	WS	NC	2<Y<3	Good	Yes	No	No	No	Yes
50	Phongsaly	May	B. Sida	BD	NC	Over 4	Fair	Yes	No	No	No	Yes
51	Phongsaly	Samphanh	B. Nar Tuai	BD	NC	2<Y<3	Good	Yes	No	No	No	No

	Province	District	Village	SP type	Type of works	Age	Overall construction quality	Fit for purpose	Environmental impacts	Social impacts	Natural Disaster affected	Difficult to access
52	Salavan	Ta Oi	B. Pajoulern	IR	RH	3<Y<4	Fair	No	No	No	Yes	No
53	Salavan	Samuoi	B. KiliGnai	IR	RH	2<Y<3	Fair	Yes	No	No	No	Yes
54	Salavan	Toomlarn	B. Samakisai	RD	RH	Over 4	Fair	Yes	No	No	No	No
55	Salavan	Toomlarn	B. Thammalinh	RD	RH	1<Y<2	Fair	Yes	No	Yes	Yes	No
56	Salavan	Toomlarn	B. HouayHva	WS	NC	3<Y<4	Good	Yes	Yes	No	No	No
57	Salavan	Ta Oi	B. Kape	WS	NC	3<Y<4	Fair	Yes	Yes	Yes	Yes	No
58	Salavan	Ta Oi	B. Thoungxa	WS	RH	Over 4	Fair	Yes	No	Yes	Yes	No
59	Salavan	Samoui	B. Talor Tai	BD	RH	<1 Y	Good	Yes	No	No	No	Yes
60	Savannakhet	Phin	B. Nonhxai	IR	NC	2<Y<3	Fair	Yes	No	No	No	Yes
61	Savannakhet	Thapangthong	B. Hin Tang Khok	IR	NC	1<Y<2	Good	Yes	No	No	No	No
62	Savannakhet	Sepon	B. Kaeng Yang	RD	RH	3<Y<4	Good	Yes	No	No	No	No
63	Savannakhet	Phin	B. Kaeng Xai	RD	RH	1<Y<2	Fair	Yes	No	No	No	No
64	Savannakhet	Atsaphone	B. Dongkhamkuan	RD	RH	1<Y<2	Fair	Yes	No	No	No	No
65	Savannakhet	Nong	B. La Baeng Nam	WS	NC	Over 4	Poor	No	No	No	No	No
66	Savannakhet	Atsaphone	B. Kathing Gnai	BD	RH	1<Y<2	Good	Yes	No	No	No	No
67	Savannakhet	Thapangthong	B. Hin Tang Khok	BD	NC	Over 4	Good	Yes	No	No	No	No
68	Xekong	Kaleum	B. Songkhone	IR	NC	3<Y<4	Good	Yes	No	Yes	No	Yes
69	Xekong	Kaleum	B. Tangpang	IR	NC	3<Y<4	Good	Yes	No	Yes	Yes	Yes
70	Xekong	Dakcheung	B. Mangtha Gnai	IR	NC	Over 4	Fair	No	No	No	Yes	No
71	Xekong	Dakcheung	B. Dakden	RD	RH	Over 4	Fair	Yes	No	Yes	Yes	Yes
72	Xekong	Kaleum	B. Thongkai	WS	NC	Over 4	Good	No	No	Yes	Yes	Yes
73	Xekong	Kaleum	B. Ling	WS	RH	3<Y<4	Good	Yes	No	No	Yes	Yes
74	Xekong	Lamam	B. Pa Or	WS	RH	3<Y<4	Good	Yes	No	No	No	No
75	Xekong	Dakcheung	B. Tang Yeui	WS	RH	1<Y<2	Good	Yes	No	Yes	Yes	Yes
76	Xekong	Lamam	B. Nang Yong	BD	NC	3<Y<4	Good	Yes	No	No	No	No
77	Xieng Khouang	Khoun	B. Phuckhing	IR	RH	Over 4	Poor	No	No	Yes	Yes	Yes

	Province	District	Village	SP type	Type of works	Age	Overall construction quality	Fit for purpose	Environment al impacts	Social impacts	Natural Disaster affected	Difficult to access
78	Xieng Khouang	Khoun	B. Sunlouang	RD	NC	3<Y<4	Fair	Yes	No	Yes	Yes	No
79	Xieng Khouang	Nonghaed	B. Phar Or	RD	RH	Over 4	Poor	Yes	No	No	Yes	Yes
80	Xieng Khouang	Khoun	B. Sunlouang	WS	NC	Over 4	Good	Yes	No	Yes	Yes	No
81	Xieng Khouang	Khoun	B. Phuckhing	WS	RH	Over 4	Fair	Yes	No	No	No	Yes
82	Xieng Khouang	Khoun	B. Pieng	WS	RH	Over 4	Fair	Yes	No	No	No	Yes
83	Xieng Khouang	Morkmay	B. Numyiem	WS	RH	NK	Fair	Yes	No	Yes	No	No
84	Xieng Khouang	Morkmay	B. Phadaeng	BD	NC	Over 4	Good	Yes	No	No	No	No

## **ANNEX 3 SUB-PROJECT INSPECTION PHOTOGRAPHS**