

# Environmental and Social Management Plan

June 2023

AIIB Loan - 0446A: CAM - National Restoration of Rural  
Productive Capacity Project

**(Contract No: NRRPCP/21/NCB/WWA-2 Lot 2)**

**16 Community Ponds in Prey Veng Province**

**CURRENCY EQUIVALENTS** (9<sup>th</sup> Mar 2023)

Currency Unit–Cambodian Riel (KHR) 1\$=4,110 KHR; KHR=0.0002433\$

**ABBREVIATIONS**

|          |   |
|----------|---|
| AIIB     | Asian Infrastructure Investment Bank                      |
| BER      | Bid Evaluation Report                                     |
| BoQ      | Bill of Quantities  |
| CEMP     | Contractor's Environmental Management Plan                |
| CoVID-19 | Coronavirus disease of 2019                               |
| DA       | Designated Account  |
| DBST     | Double Bituminous Surface Treatment                       |
| DED      | Detailed Engineering Design                               |
| EA       | Executing Agency  |
| ESCoP    | Environmental and Social Code of Practice                 |
| EMP      | Environmental Management Plan                             |
| ESP      | Environment and Social Plan                               |
| ESMP     | Environmental and Social Management Plan                  |
| ESMPF    | Environmental and Social Management Planning Framework    |
| ESS      | Environmental and Social Safeguards/standards             |
| FM       | Financial Management                                      |
| FMS      | Financial Management System                               |
| GAP      | Gender Action Plan  |
| GDR      | General Department of Resettlement                        |
| GRM      | Grievance Redress Mechanism                               |
| ICB      | International Competitive Bidding                         |
| IEE      | Initial Environmental Examinations                        |
| IPP      | Indigenous Peoples Plan                                   |
| IPPF     | Indigenous People's Planning Framework                    |
| IRC      | Inter-ministerial Resettlement Committee                  |
| M&E      | Monitoring and Evaluation                                 |
| MEF      | Ministry of Economy and Finance                           |
| MRD      | Ministry of Rural Development                             |
| NCB      | National Competitive Bidding                              |
| NRRPCP   | National Rural Restoration of Productive Capacity Project |
| PAP      | Project Affected Persons                                  |
| PDRD     | Provincial Department of Rural Development                |
| PIB      | Project Information Booklet                               |
| PIU      | Project Implementation Unit                               |
| PMU      | Project Management Unit                                   |
| POM      | Project Operational Manual                                |
| PRSC     | Provincial Resettlement Sub-committee                     |
| PPE      | Personal Protective Equipment                             |
| RC       | Reinforced concrete                                       |
| RF       | Resettlement Framework                                    |
| GKC      | The Government of the Kingdom of Cambodia                 |
| RPF      | Resettlement Planning Framework                           |
| SDG      | Sustainable Development Goal                              |
| SoE      | Statement of Expenditure                                  |
| SOP      | Standard Operating Procedures                             |
| TA       | Technical Assistance                                      |
| TKM      | Tboung Khmum  |
| ToR      | Terms of Reference  |
| WG       | Working Group   |
| WSUG     | Water and Sanitation User Group                           |

**WEIGHTS AND MEASURES**

|                |   |              |
|----------------|---|--------------|
| ha             | – | hectare      |
| km             | – | Kilometre    |
| m              | – | Meter        |
| lm             | – | Linear meter |
| m <sup>2</sup> | – | square meter |
| m <sup>3</sup> | – | cubic meter  |

**NOTE** In this report, "\$" refers to US dollars.

## SUMMARY OF SUBPROJECTS

|   |  |                     |   |   |              |
|---|--|---------------------|---|---|--------------|
| Name of subproject                                    | Roung Domrei village community pond rehabilitation subproject (1 <sup>st</sup> ) pond)   |                     |   |   |              |
| Province  | Prey Veng  | Districts           | Bar Phnum                                       | Commune   | Cheung Phnum |
| Contract No.  | NRRPCP/001/NCB/WWA-2 - Part of Lot 2   |                     |   | Ref. No.  | PVG-CP 001   |
| Description   | This is an existing earth pond with a total land area of 1,683m <sup>2</sup> that will be rehabilitated. The proposed pond will have an area of 6,500 m <sup>2</sup> .   |                     |   |   |              |
| Existing pond dimensions                              | External dimensions (m): 33 x 51<br>Top dimension (m): 27 x 44<br>Water depth (m): 1   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 1,683<br>Water surface area (m <sup>2</sup> ): 1,188<br>Water volume (m <sup>3</sup> ): 1,188  |              |
| Proposed pond dimensions                              | External dimensions (m): 65 x 100<br>Top dimension (m): 55 x 90.<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 6,500<br>Water surface area (m <sup>2</sup> ): 4,950<br>Water volume (m <sup>3</sup> ): 19,800 |              |
| Additional land area required (m <sup>2</sup> )       | The existing community pond will be renovated and enlarged by an additional 4,817 m <sup>2</sup> . However, this will not involve any resettlement since it is public land owned by the commune and there will be no impact related to land acquisition.   |                     |   |   |              |
| Land ownership status                                 | Site is an existing pond that is on public land in the village   |                     |   |   |              |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources will be from rain water and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |   |              |
| No. of households in village                          | 681  | % of vulnerable HHs | 19.5  |   |              |
|   |  | % of FHHs           | 30.3  |   |              |
|   |  | % of ID Poor HHs    | 34.2  |   |              |
| No. of beneficiary households                         | 120  |                     |   |   |              |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |   |              |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |   |              |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |   |              |
| Reconnaissance visits and public consultation meeting |  |                     |   |   |              |
|   | Date   | No. of participants | No. of women                                    | No. of PAPs   |              |
| Reconnaissance visit                                  | 26 Oct 2021  | 2                   | 0   | 0   |              |
| Public meeting  | 20 Dec 2021  | 24                  | 10  | 0   |              |
| Preparation of ESMP                                   |  |                     |   |   |              |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |   |              |
| Date of preparation                                   | 9 Mar 2023   |                     |   |   |              |
| Date of comment                                       |  |                     |   |   |              |

|   |  |                     |   |   |              |
|---|--|---------------------|---|---|--------------|
| Name of subproject                                    | Roung Domrei village community pond rehabilitation subproject (2 <sup>nd</sup> pond)   |                     |   |   |              |
| Province  | Prey Veng  | Districts           | Ba Phnum  | Commune   | Cheung Phnum |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.  | PVG-CP002    |
| Description   | This is an existing earth pond with a total land area of 2,700 m <sup>2</sup> that after rehabilitation will have an area of 2,756 m <sup>2</sup> .  |                     |   |   |              |
| Existing pond dimensions                              | External dimensions (m): 50 x 54<br>Top dimension (m): 41 x 49<br>Water depth (m): 1.57  |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 2,700<br>Water surface area (m <sup>2</sup> ): 2,009<br>Water volume (m <sup>3</sup> ): 3,154.13 |              |
| Proposed pond dimensions                              | External dimensions (m): 52 x 53<br>Top dimension (m): 36 x 49<br>Water depth (m): 4.0   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 2,756<br>Water surface area (m <sup>2</sup> ): 1,764<br>Water volume (m <sup>3</sup> ): 7,056    |              |
| Additional land area required (m <sup>2</sup> )       | The existing community pond will be renovated and slightly enlarged by an additional 56 m <sup>2</sup> . However, this will not involve any resettlement since it is public land owned by the commune and there will be no impact related to land acquisition.   |                     |   |   |              |
| Land ownership status                                 | Site is an existing pond that is on public land in the village   |                     |   |   |              |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources will be from rain water and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |   |              |
| No. of households in village                          | 681  | % of vulnerable HHs | 19.5  |   |              |
|   |  | % of FHHs           | 30.3  |   |              |
|   |  | % of ID Poor HHs    | 34.2  |   |              |
| No. of beneficiary households                         | 120  |                     |   |   |              |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |   |              |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |   |              |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |   |              |
| Reconnaissance visits and public consultation meeting |  |                     |   |   |              |
|   | Date   | No. of participants | No. of women                                    | No. of PAPs   |              |
| Reconnaissance visit                                  | 26 Oct 2021  | 1                   | 0   | 0   |              |
| Public meeting  | 20 Dec 2021  | 24                  | 0   | 0   |              |
| Preparation of ESMP                                   |  |                     |   |   |              |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |   |              |
| Date of preparation                                   | 9 Mar 2023   |                     |   |   |              |
| Date of comment                                       |  |                     |   |   |              |



|   |  |                     |   |   |             |
|---|--|---------------------|---|---|-------------|
| Name of subproject                                    | Roung Domrei village new community pond subproject (3 <sup>rd</sup> pond)  |                     |   |   |             |
| Province  | Prey Veng  | Districts           | Ba Phnum  | Commune   | Ceung Phnum |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.  | PVG-CP003   |
| Description   | This will be a new community pond located within the army camp with a total land area of 2,500 m <sup>2</sup> .  |                     |   |   |             |
| Existing pond dimensions                              | External dimensions (m): n.a.<br>Top dimension (m): n/a<br>Water depth (m): n/a  |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): n.a.<br>Water surface area (m <sup>2</sup> ): 0<br>Water volume (m <sup>3</sup> ): 0         |             |
| Proposed pond dimensions                              | External dimensions (m): 50 x 50<br>Top dimension (m): 31 x 36<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 2,500<br>Water surface area (m <sup>2</sup> ):1,098<br>Water volume (m <sup>3</sup> ): 4,392 |             |
| Additional land area required (m <sup>2</sup> )       | The pond is a new construction and is located within the army camp that is located on public land and there will be resettlement impact and no land acquisition required for the construction.   |                     |   |   |             |
| Land ownership status                                 | The new community pond is located on public land within the army camp in the Roung Domrei village.   |                     |   |   |             |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources will be from rain water and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |   |             |
| No. of households in village                          | 681  | % of vulnerable HHs | 19.5  |   |             |
|   |  | % of FHHs           | 30.3  |   |             |
|   |  | % of ID Poor HHs    | 34.2  |   |             |
| No. of beneficiary households                         | 150  |                     |   |   |             |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |   |             |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |   |             |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |   |             |
| Reconnaissance visits and public consultation meeting |  |                     |   |   |             |
|   | Date   | No. of participants | No. of women                                    | No. of APs  |             |
| Reconnaissance visit                                  | 26 Oct 2021  | 2                   | 0.  | 0   |             |
| Public meeting  | 20 Dec 2021  | 18                  | 0   | 0   |             |
| Preparation of ESMP                                   |  |                     |   |   |             |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |   |             |
| Date of preparation                                   | 9 Mar 2023   |                     |   |   |             |
| Date of comment                                       |  |                     |   |   |             |

|   |  |                     |   |  |               |
|---|--|---------------------|---|--|---------------|
| Name of subproject                                    | Prey Khlout village new community pond subproject  |                     |   |  |               |
| Province  | Prey Veng  | District            | Kamchay Mear                                    | Commune  | Smaong Tboung |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.   | PVG-CP004     |
| Description   | This is a new pond proposed by local authority and communities to collect water for the local communities and the total land area will be 2,700 m².  |                     |   |  |               |
| Existing pond dimensions                              | External dimensions (m): n.a.<br>Top dimension (m): n/a<br>Water depth (m): n/a  |                     | Existing pond area                              | Total land area (m²): n.a.<br>Water surface area (m²): n/a<br>Water volume (m³):n/a      |               |
| Proposed pond dimensions                              | External dimensions (m): 45 x 60<br>Top dimension (m): 35 x 50<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m²): 2,700<br>Water surface area (m²):1,750<br>Water volume (m³): 7,000 |               |
| Additional land area required (m²)                    | The new community pond will be constructed on public land within the pagoda compound and will not involve resettlement and there is no impact related to land acquisition from the civil works.  |                     |   |  |               |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune   |                     |   |  |               |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources will be from rain water and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |  |               |
| No. of households in village                          | 280  | % of vulnerable HHs | 13.2  |  |               |
|   |  | % of FHHs           | 29.2  |  |               |
|   |  | % of ID Poor HHs    | 32.6  |  |               |
| No. of beneficiary households                         | 236  |                     |   |  |               |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |  |               |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |  |               |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |  |               |
| Reconnaissance visits and public consultation meeting |  |                     |   |  |               |
|   | Date   | No. of participants | No. of women                                    | No. of APs   |               |
| Reconnaissance visit                                  | 27 Oct 2021  | 1                   | 0   | 0  |               |
| Public meeting  | 23 Dec 2021  | 24                  | 4   | 0  |               |
| Preparation of ESMP                                   |  |                     |   |  |               |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |  |               |
| Date of preparation                                   | 9 Mar 2023   |                     |   |  |               |
| Date of comment                                       |  |                     |   |  |               |

|   |  |                     |   |   |           |
|---|--|---------------------|---|---|-----------|
| Name of subproject                                    | Chvang community pond rehabilitation subproject (1 <sup>st</sup> pond)   |                     |   |   |           |
| Province  | Prey Veng  | District            | Kampong Trabek                                  | Commune   | Pratheat  |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.  | PVG-CP005 |
| Description   | The is an existing pond with an area of 3,968 m2 that after rehabilitation will have a total area of 4,900 m <sup>2</sup> .  |                     |   |   |           |
| Existing pond dimensions                              | External dimensions (m): 62 x 64<br>Top dimension (m): 53 x 55<br>Water depth (m): 2.2   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 3,968<br>Water surface area (m <sup>2</sup> ): 2,915<br>Water volume (m <sup>3</sup> ): 6,413  |           |
| Proposed pond dimensions                              | External dimensions (m): 70 x 70<br>Top dimension (m): 50 x 60<br>Water depth (m): 4.0   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 4,900<br>Water surface area (m <sup>2</sup> ): 3,000<br>Water volume (m <sup>3</sup> ): 12,000 |           |
| Additional land area required (m <sup>2</sup> )       | The existing community pond will be renovated and slightly enlarged by an additional 932 m <sup>2</sup> . However, this will not involve any resettlement since it is located on public land owned by the commune and there will be no impact related to land acquisition.   |                     |   |   |           |
| Land ownership status                                 | Site is an existing pond that is on public land in the village   |                     |   |   |           |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources will be from rain water and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |   |           |
| No. of households in village                          | 372  | % of vulnerable HHs | 13.3  |   |           |
|   |  | % of FHHs           | 22.7  |   |           |
|   |  | % of ID Poor HHs    | 51.1  |   |           |
| No. of beneficiary households                         | 60   |                     |   |   |           |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |   |           |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |   |           |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |   |           |
| Reconnaissance visits and public consultation meeting |  |                     |   |   |           |
|   | Date   | No. of participants | No. of women                                    | No. of APs  |           |
| Reconnaissance visit                                  | 25 Oct 2021  | 1                   | 0   | 0   |           |
| Public meeting  | 21 Dec 2021  | 19                  | 3   | 0   |           |
| Preparation of ESMP                                   |  |                     |   |   |           |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |   |           |
| Date of preparation                                   | 9 Mar 2023   |                     |   |   |           |
| Date of comment                                       |  |                     |   |   |           |

|   |   |                     |   |  |           |
|---|---|---------------------|---|--|-----------|
| Name of subproject                                    | Chvang village community pond rehabilitation subproject (2 <sup>nd</sup> pond)  |                     |   |  |           |
| Province  | Prey Veng   | District            | Kampong Trabek                                  | Commune  | Pratheath |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2   |                     |   | Ref. No.   | PCG-CP006 |
| Description   | This is an existing pond with an area of 3,024 m <sup>2</sup> that after rehabilitation will have an area of 3,127 m <sup>2</sup> .   |                     |   |  |           |
| Existing pond dimensions                              | External dimensions (m): 48 x 63<br>Top dimension (m): 40 x 53<br>Water depth (m): 1.68   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 3,024<br>Water surface area (m <sup>2</sup> ): 2,120<br>Water volume (m <sup>3</sup> ): 3,561.6 |           |
| Proposed pond dimensions                              | External dimensions (m): 53 x 59<br>Top dimension (m): 43 x 49<br>Water depth (m): 4  |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 3,127<br>Water surface area (m <sup>2</sup> ): 2,107<br>Water volume (m <sup>3</sup> ): 8,428   |           |
| Additional land area required (m <sup>2</sup> )       | The existing community pond will be renovated and slightly enlarged by an additional 103 m <sup>2</sup> . However, this will not involve any resettlement since it is located on public land owned by the commune and there will be no impact related to land acquisition.  |                     |   |  |           |
| Land ownership status                                 | Site is an existing pond that is on public land in the village  |                     |   |  |           |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |  |           |
| No. of households in village                          | 372   | % of vulnerable HHs | 13.3  |  |           |
|   |   | % of FHHs           | 22.7  |  |           |
|   |   | % of ID Poor HHs    | 51.1  |  |           |
| No. of beneficiary households                         | 30  |                     |   |  |           |
| Environment   | Only minor and temporary during construction  | Social              | No impacts on any existing assets or structures |  |           |
| Involuntary resettlement                              | Pond is located on public land  | Indigenous Peoples  | None residing in this village                   |  |           |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)   |                     |   |  |           |
| Reconnaissance visits and public consultation meeting |   |                     |   |  |           |
|   | Date  | No. of participants | No. of women                                    | No. of APs   |           |
| Reconnaissance visit                                  | 25 Oct 2021   | 1                   | 0   | 0  |           |
| Public meeting  | 21 Dec 2021   | 19                  | 3   | 0  |           |
| Preparation of ESMP                                   |   |                     |   |  |           |
|   | 1 <sup>st</sup> Draft   | Revised             | Final   |  |           |
| Date of preparation                                   | 9 Mar 2023  |                     |   |  |           |
| Date of comment                                       |   |                     |   |  |           |

|   |   |                     |   |  |              |
|---|---|---------------------|---|--|--------------|
| Name of subproject                                    | Krachab Krom village new community pond subproject  |                     |   |  |              |
| Province  | Prey Veng   | District            | Kampong Trabek                                  | Commune  | Peam Munthea |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2   |                     |   | Ref. No.   | PCG-CP007    |
| Description   | This is a new community pond that will have a total land area of 3,500 m <sup>2</sup> .   |                     |   |  |              |
| Existing pond dimensions                              | External dimensions (m): n.a.<br>Top dimension (m): n/a<br>Water depth (m): n/a   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): n.a.<br>Water surface area (m <sup>2</sup> ): n.a.<br>Water volume (m <sup>3</sup> ): n.a.    |              |
| Proposed pond dimensions                              | External dimensions (m): 50 x 70<br>Top dimension (m): 40 x 60<br>Water depth (m): 4  |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 3,500<br>Water surface area (m <sup>2</sup> ): 2,400<br>Water volume (m <sup>3</sup> ): 9,600 |              |
| Additional land area required (m <sup>2</sup> )       | The site for the construction of the new community pond is located on public land and will not involve resettlement and there is no impact related to land acquisition.   |                     |   |  |              |
| Land ownership status                                 | The site is located on public land in the school compound.  |                     |   |  |              |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |  |              |
| No. of households in village                          | 214   | % of Vulnerable HHs | 9.1   |  |              |
|   |   | % of FHHs           | 23.8  |  |              |
|   |   | % of ID Poor HHs    | 11  |  |              |
| No. of beneficiary households                         | 200   |                     |   |  |              |
| Environment   | Only minor and temporary during construction  | Social              | No impacts on any existing assets or structures |  |              |
| Involuntary resettlement                              | Pond is located on public land  | Indigenous Peoples  | None residing in this village                   |  |              |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)   |                     |   |  |              |
| Reconnaissance visits and public consultation meeting |   |                     |   |  |              |
|   | Date  | No. of participants | No. of women                                    | No. of APs   |              |
| Reconnaissance visit                                  | 26 Oct 2021   | 1                   | 0   |  |              |
| Public meeting  | 21 Dec 2021   | 12                  | 0   |  |              |
| Preparation of ESMP                                   |   |                     |   |  |              |
|   | 1 <sup>st</sup> Draft   | Revised             | Final   |  |              |
| Date of preparation                                   | 9 Mar 2023  |                     |   |  |              |
| Date of comment                                       |   |                     |   |  |              |

|   |  |                     |   |   |             |
|---|--|---------------------|---|---|-------------|
| Name of subproject                                    | Ponhea Kaeut village community pond rehabilitation subproject  |                     |   |   |             |
| Province  | Prey Veng  | District            | Kampong Trabek                                  | Commune   | Cheang Daek |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.  | PCG-CP008   |
| Description   | This is an existing earthen pond with a total land area of 2,183 m <sup>2</sup> that will be rehabilitated with an increased area of 3,840 m <sup>2</sup> .  |                     |   |   |             |
| Existing pond dimensions                              | External dimensions (m): 37 x 59<br>Top dimension (m): 34 x 55<br>Water depth (m): 2.1   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 2,183<br>Water surface area (m <sup>2</sup> ): 1,870<br>Water volume (m <sup>3</sup> ): 3,927  |             |
| Proposed pond dimensions                              | External dimensions (m): 48 x 80<br>Top dimension (m): 38 x 70<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 3,840<br>Water surface area (m <sup>2</sup> ): 2,660<br>Water volume (m <sup>3</sup> ): 10,640 |             |
| Additional land area required (m <sup>2</sup> )       | The rehabilitation of the existing pond will require an additional land area of 1,657 m <sup>2</sup> but this will not involve resettlement and there is no impact related to land acquisition.  |                     |   |   |             |
| Land ownership status                                 | Site is an existing pond that is on public land in the pagoda.   |                     |   |   |             |
| Flood risk assessment                                 | The proposed community pond is an existing pond and it is within the Pagoda campus, elevated from residents and rice fields. The public consultation meetings with beneficiaries, the Monks and discussions with local authorities have confirmed that, there is no flood in this area for longer times. |                     |   |   |             |
| No. of households in village                          | 212  | % of Vulnerable HHs | 13.0  |   |             |
|   |  | % of FHHs           | 26.3  |   |             |
|   |  | % of ID Poor HHs    | 26.6  |   |             |
| No. of beneficiary households                         | 40   |                     |   |   |             |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |   |             |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |   |             |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |   |             |
| Reconnaissance visits and public consultation meeting |  |                     |   |   |             |
|   | Date   | No. of participants | No. of women                                    | No. of APs  |             |
| Reconnaissance visit                                  | 26 Oct 2021  | 2                   | 1   |   |             |
| Public meeting  | 21 Dec 2021  | 23                  | 5   |   |             |
| Preparation of ESMP                                   |  |                     |   |   |             |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |   |             |
| Date of preparation                                   | 9 Mar 2023   |                     |   |   |             |
| Date of comment                                       |  |                     |   |   |             |

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|--|---|----------------------------|---------------------------|---|-----------|
| <b>Name of subproject</b>                                    | Ansaong village community pond rehabilitation subproject  |                            |                           |   |           |
| <b>Province</b>  | Prey Veng   | <b>District</b>            | Kampong Trabek            | <b>Commune</b>  | Ansaong   |
| <b>Contract No.</b>  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2   |                            |                           | <b>Ref. No.</b>   | PCG-CP009 |
| <b>Description</b>   | This is an existing earthen pond with a total land area of 3,596 m <sup>2</sup> that will be rehabilitated and will have a reduced area of 2,500 m <sup>2</sup> .   |                            |                           |   |           |
| <b>Existing pond dimensions</b>                              | External dimensions (m): 58 x 62<br>Top dimension (m): 54 x 54<br>Water depth (m): 0.97   |                            | <b>Existing pond area</b> | Total land area (m <sup>2</sup> ): 3,596<br>Water surface area (m <sup>2</sup> ): 2,916<br>Water volume (m <sup>3</sup> ): 2,828.52 |           |
| <b>Proposed pond dimensions</b>                              | External dimensions (m): 50 x 50<br>Top dimension (m): 47 x 47<br>Water depth (m): 4  |                            | <b>Proposed pond area</b> | Total land area (m <sup>2</sup> ): 2,500<br>Water surface area (m <sup>2</sup> ): 2,209<br>Water volume (m <sup>3</sup> ): 8,836    |           |
| <b>Additional land area required (m<sup>2</sup>)</b>         | No additional land required.  |                            |                           |   |           |
| <b>Land ownership status</b>                                 | Site is an existing pond that is on public land in the commune  |                            |                           |   |           |
| <b>Flood risk assessment</b>                                 | Based on public consultation meeting with local authorities and communities (water user group) have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                            |                           |   |           |
| <b>No. of households in village</b>                          | 240   | <b>% of Vulnerable HHs</b> | 19.6                      |   |           |
|  |   | <b>% of FHHs</b>           | 30.2                      |   |           |
|  |   | <b>% of ID Poor HHs</b>    | 19.9                      |   |           |
| <b>No. of beneficiary households</b>                         | 213   |                            |                           |   |           |
| <b>Environment</b>   | Only minor and temporary during construction  |                            | <b>Social</b>             | No impacts on any existing assets or structures   |           |
| <b>Involuntary resettlement</b>                              | Pond is located on public land  |                            | <b>Indigenous Peoples</b> | None residing in this village   |           |
| <b>E &amp; S Category</b>                                    | <b>CATEGORY B</b><br>(Minor disturbances due to the civil work only)  |                            |                           |   |           |
| <b>Reconnaissance visits and public consultation meeting</b> |   |                            |                           |   |           |
|  | <b>Date</b>   | <b>No. of participants</b> | <b>No. of women</b>       | <b>No. of APs</b>   |           |
| <b>Reconnaissance visit</b>                                  | 26 Oct 2021   | 3                          | 1                         |   |           |
| <b>Public meeting</b>  | 21 Dec 2021   | 17                         | 11                        |   |           |
| <b>Preparation of ESMP</b>                                   |   |                            |                           |   |           |
|  | <b>1<sup>st</sup> Draft</b>   | <b>Revised</b>             | <b>Final</b>              |   |           |
| <b>Date of preparation</b>                                   | 9 Mar 23  |                            |                           |   |           |
| <b>Date of comment</b>                                       |   |                            |                           |   |           |

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|---|--|---------------------|---|--|------------|
| Name of subproject                                    | Kraol village community pond rehabilitation subproject   |                     |   |  |            |
| Province  | Prey Veng  | District            | Kampong Trabek                                  | Commune  | Kou Khchak |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.   | PCG-CP010  |
| Description   | This is an existing earthen pond with a total land area of 2,320 m <sup>2</sup> that after rehabilitation will have a total area of 2,332 m <sup>2</sup> .   |                     |   |  |            |
| Existing pond dimensions                              | External dimensions (m): 40 x 58<br>Top dimension (m): 33 x 55<br>Water depth (m): 2.2   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 2,320<br>Water surface area (m <sup>2</sup> ): 1,815<br>Water volume (m <sup>3</sup> ): 3,993 |            |
| Proposed pond dimensions                              | External dimensions (m): 44 x 53<br>Top dimension (m): 30 x 40<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 2,332<br>Water surface area (m <sup>2</sup> ): 1,200<br>Water volume (m <sup>3</sup> ): 4,800 |            |
| Additional land area required (m <sup>2</sup> )       | The rehabilitated pond will require an additional land area of only 12 m <sup>2</sup> and will not involve resettlement and there will be no requirement for land acquisition.   |                     |   |  |            |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune.  |                     |   |  |            |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |  |            |
| No. of households in village                          | 386  | % of Vulnerable HHs | 22.6  |  |            |
|   |  | % of FHHs           | 25.2  |  |            |
|   |  | % of ID Poor HHs    | 19.9  |  |            |
| No. of beneficiary households                         | 240  |                     |   |  |            |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |  |            |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |  |            |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |  |            |
| Reconnaissance visits and public consultation meeting |  |                     |   |  |            |
|   | Date   | No. of participants | No. of women                                    | No. of Aps   |            |
| Reconnaissance visit                                  | 25 Oct 2021  | 1                   | 0   |  |            |
| Public meeting  | 22 Dec 2021  | 3                   | 0   |  |            |
| Preparation of ESMP                                   |  |                     |   |  |            |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |  |            |
| Date of preparation                                   | 09 Mar 2023  |                     |   |  |            |
| Date of commen  |  |                     |   |  |            |



|   |  |                     |                    |  |            |
|---|--|---------------------|--------------------|--|------------|
| Name of subproject                                    | Kou Kraok village community pond rehabilitation subproject   |                     |                    |  |            |
| Province  | Prey Veng  | District            | Kampong Trabaek    | Commune  | Kou Khchak |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |                    | Ref. No.   | PCG-CP011  |
| Description   | This is an existing earthen pond with a total land area of 2,340 m <sup>2</sup> that are rehabilitation will have a reduced area of . The proposed pond will have a total area of 2,025 m <sup>2</sup> .   |                     |                    |  |            |
| Existing pond dimensions                              | External dimensions (m): 45 x 52<br>Top dimension (m): 43 x 46<br>Water depth (m): 2   |                     | Existing pond area | Total land area (m <sup>2</sup> ): 2,340<br>Water surface area (m <sup>2</sup> ): 1,978<br>Water volume (m <sup>3</sup> ): 3,956 |            |
| Proposed pond dimensions                              | External dimensions (m): 45 x 45<br>Top dimension (m): 32 x 33<br>Water depth (m): 4   |                     | Proposed pond area | Total land area (m <sup>2</sup> ): 2,025<br>Water surface area (m <sup>2</sup> ): 1,056<br>Water volume (m <sup>3</sup> ): 4,224 |            |
| Additional land area required (m <sup>2</sup> )       | No additional land will be required.   |                     |                    |  |            |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune   |                     |                    |  |            |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |                    |  |            |
| No. of households in village                          | 219  | % of Vulnerable HHs |                    | 15.9   |            |
|   |  | % of FHHs           |                    | 16.2   |            |
|   |  | % of ID Poor HHs    |                    | 34.0   |            |
| No. of beneficiary households                         | 173  |                     |                    |  |            |
| Environment   | Only minor and temporary during construction   | Social              |                    | No impacts on any existing assets or structures  |            |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  |                    | None residing in this village  |            |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |                    |  |            |
| Reconnaissance visits and public consultation meeting |  |                     |                    |  |            |
|   | Date   | No. of participants | No. of women       | No. of APs   |            |
| Reconnaissance visit                                  | 25 Oct 2021  | 2                   | 1                  |  |            |
| Public meeting  | 22 Dec 2021  | 7                   | 0                  |  |            |
| Preparation of ESMP                                   |  |                     |                    |  |            |
|   | 1 <sup>st</sup> Draft  | Revised             | Final              |  |            |
| Date of preparation                                   | 9 Mar 2023   |                     |                    |  |            |
| Date of comment                                       |  |                     |                    |  |            |

|   |  |                     |   |   |            |
|---|--|---------------------|---|---|------------|
| Name of subproject                                    | Skar village community pond rehabilitation subproject  |                     |   |   |            |
| Province  | Prey Veng  | District            | Kampong Trabaek                                 | Commune   | Kou Khchak |
| Contract No.  | NRRPCP/21/NCB/WWA-2 - Part of Lot 2  |                     |   | Ref. No.  | PCG-CP012  |
| Description   | This is a existing earthen pond with a total land area of 2,120 m <sup>2</sup> that will be rehabilitated. The proposed pond will have a total area of 2,700 m <sup>2</sup> .  |                     |   |   |            |
| Existing pond dimensions                              | External dimensions (m): 40 x 53<br>Top dimension (m): 32 x 46<br>Water depth (m):2.54   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 2,120<br>Water surface area (m <sup>2</sup> ): 1,472<br>Water volume (m <sup>3</sup> ): 3,738.88 |            |
| Proposed pond dimensions                              | External dimensions (m): 45 x 60<br>Top dimension (m): 30 x 38<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 2,700<br>Water surface area (m <sup>2</sup> ): 1,140<br>Water volume (m <sup>3</sup> ): 4,560    |            |
| Additional land area required (m <sup>2</sup> )       | The rehabilitated pond will require an additional land area of 580 m <sup>2</sup> but will not involve resettlement and there is no impact related to land acquisition.  |                     |   |   |            |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune.  |                     |   |   |            |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |   |            |
| No. of households in village                          | 219  | % of Vulnerable HHs | 14.9  |   |            |
|   |  | % of FHHs           | 33.3  |   |            |
|   |  | % of ID Poor HHs    | 15.6  |   |            |
| No. of beneficiary households                         | 173  |                     |   |   |            |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |   |            |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |   |            |
| E & S Category  | CATEGORY B<br>(Minor disturbances due to the civil work only)  |                     |   |   |            |
| Reconnaissance visits and public consultation meeting |  |                     |   |   |            |
|   | Date   | No. of participants | No. of women                                    | No. of APs  |            |
| Reconnaissance visit                                  | 25 Oct 2021  | 2                   | 1   |   |            |
| Public meeting  | 22 Dec 2021  | 5                   | 1   |   |            |
| Preparation of ESMP                                   |  |                     |   |   |            |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |   |            |
| Date of preparation                                   | 9 Mar 2023   |                     |   |   |            |
| Date of comment                                       |  |                     |   |   |            |

|   |  |                     |                    |  |             |
|---|--|---------------------|--------------------|--|-------------|
| Name of subproject                                    | Chh'oeng Chumnir village community pond rehabilitation subproject  |                     |                    |  |             |
| Province  | Prey Veng  | Districts           | Kanhchriech        | Commune  | Kanhchriech |
| Contract No.  | NRRPCP/21/NCB/WWA2 - Part of Lot 2   |                     |                    | Ref. No.   | PVG-CP013   |
| Description   | This is an existing earthen pond with a total land area of 592 m <sup>2</sup> that are rehabilitation will have a total area of 1,344 m <sup>2</sup> .   |                     |                    |  |             |
| Existing pond dimensions                              | External dimensions (m): 16 x 37<br>Top dimension (m): 13 x 34<br>Water depth (m): 2.1   |                     | Existing pond area | Total land area (m <sup>2</sup> ): 592<br>Water surface area (m <sup>2</sup> ): 442<br>Water volume (m <sup>3</sup> ): 928.20  |             |
| Proposed pond dimensions                              | External dimensions (m): 32 x 42<br>Top dimension (m): 24 x 30<br>Water depth (m): 4   |                     | Proposed pond area | Total land area (m <sup>2</sup> ): 1,344<br>Water surface area (m <sup>2</sup> ): 720<br>Water volume (m <sup>3</sup> ): 2,880 |             |
| Additional land area required (m <sup>2</sup> )       | The rehabilitated pond will require an additional land area of 752 m <sup>2</sup> but will not involve resettlement and there is no impact related to land acquisition.  |                     |                    |  |             |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune   |                     |                    |  |             |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |                    |  |             |
| No. of households in village                          | 149  | % of vulnerable HHs | 23.3               |  |             |
|   |  | % of FHHs           | 1.8                |  |             |
|   |  | % of ID Poor HHs    | 26.6               |  |             |
| No. of beneficiary households                         | 200<br>(share with village nearby)   |                     |                    |  |             |
| Environment   | Only minor and temporary during construction   |                     | Social             | No impacts on any existing assets or structures  |             |
| Involuntary resettlement                              | Pond is located on public land   |                     | Indigenous Peoples | None residing in this village  |             |
| E & S Category  | CATEGORY C<br>(Some minor disturbances due to the civil work only)   |                     |                    |  |             |
| Reconnaissance visits and public consultation meeting |  |                     |                    |  |             |
|   | Date   | No. of participants | No. of women       | No. of APs   |             |
| Reconnaissance visit                                  | 27 Oct 2021  | 2                   | 0                  |  |             |
| Public meeting  | 23 Dec 2021  | 9                   | 2                  |  |             |
| Preparation of ESMP                                   |  |                     |                    |  |             |
|   | 1 <sup>st</sup> Draft  | Revised             | Final              |  |             |
| Date of preparation                                   | 9 Mar 2023   |                     |                    |  |             |
| Date of comment                                       |  |                     |                    |  |             |

|   |  |                     |               |   |            |
|---|--|---------------------|---------------|---|------------|
| Name of subproject                                    | Prey Tueng village community pond rehabilitation subproject  |                     |               |   |            |
| Province  | Prey Veng  | Districts           | Sithor Kandal | Commune   | Prey Tueng |
| Contract No.  | NRRPCP/21/NCB/WWA2 - Part of Lot 2   |                     |               | Ref. No.  | PVG-CP014  |
| Description   | This is an existing earthen pond with a total land area of 8,175 m <sup>2</sup> that after rehabilitation will have a total area of 8,880 m <sup>2</sup> .   |                     |               |   |            |
| Existing pond dimensions                              | External dimensions (m): 75 x 109<br>Top dimension (m): 68 x 101<br>Water depth (m): 2.5   | Existing pond area  |               | Total land area (m <sup>2</sup> ): 8,175<br>Water surface area (m <sup>2</sup> ): 6,858<br>Water volume (m <sup>3</sup> ): 17,170 |            |
| Proposed pond dimensions                              | External dimensions (m): 80 x 111<br>Top dimension (m): 62 x 92<br>Water depth (m): 4  | Proposed pond area  |               | Total land area (m <sup>2</sup> ): 8,880<br>Water surface area (m <sup>2</sup> ): 5,704<br>Water volume (m <sup>3</sup> ): 22,816 |            |
| Additional land area required (m <sup>2</sup> )       | The rehabilitated pond will require an additional land area of 705 m <sup>2</sup> but will not involve resettlement and there is no impact related to land acquisition.  |                     |               |   |            |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune   |                     |               |   |            |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |               |   |            |
| No. of households in village                          | 407  | % of vulnerable HHs |               | 7.2   |            |
|   |  | % of FHHs           |               | 15.8  |            |
|   |  | % of ID Poor HHs    |               | 20.9  |            |
| No. of beneficiary households                         | 200  |                     |               |   |            |
| Environment   | Only minor and temporary during construction   | Social              |               | No impacts on any existing assets or structures   |            |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  |               | None residing in this village   |            |
| E & S Category  | CATEGORY C<br>(Some minor disturbances due to the civil work only)   |                     |               |   |            |
| Reconnaissance visits and public consultation meeting |  |                     |               |   |            |
|   | Date   | No. of participants |               | No. of women  | No. of APs |
| Reconnaissance visit                                  | 27 Oct 2021  | 2                   |               | 0   |            |
| Public meeting  | 24 Dec 2021  | 15                  |               | 1   |            |
| Preparation of ESMP                                   |  |                     |               |   |            |
|   | 1 <sup>st</sup> Draft  | Revised             |               | Final   |            |
| Date of preparation                                   | 9 Mar 2023   |                     |               |   |            |
| Date of comment                                       |  |                     |               |   |            |

|   |  |                     |   |  |                    |
|---|--|---------------------|---|--|--------------------|
| Name of subproject                                    | Prey Daeum Thnoeng Ti Bei village community pond rehabilitation subproject   |                     |   |  |                    |
| Province  | Prey Veng  | Districts           | Sithor Kandal                                   | Commune  | Prey Daeum Thnoeng |
| Contract No.  | NRRPCP/21/NCB/WWA2 - Part of Lot 2   |                     |   | Ref. No.   | PVG-CP015          |
| Description   | This is an existing earthen pond with a total land area of 2,070 m <sup>2</sup> that after rehabilitation will have a total area of 3,200 m <sup>2</sup> .   |                     |   |  |                    |
| Existing pond dimensions                              | External dimensions (m): 45 x 46<br>Top dimension (m): 40 x 41<br>Water depth (m): 1.1   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 2,070<br>Water surface area (m <sup>2</sup> ): 1640<br>Water volume (m <sup>3</sup> ): 1804     |                    |
| Proposed pond dimensions                              | External dimensions (m): 50 x 64<br>Top dimension (m): 37 x 41<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 3,200<br>Water surface area (m <sup>2</sup> ): 1498.50<br>Water volume (m <sup>3</sup> ): 5,994 |                    |
| Additional land area required (m <sup>2</sup> )       | The rehabilitated pond will require an additional land area of 1,130 m <sup>2</sup> but will not involve resettlement and there is no impact related to land acquisition.  |                     |   |  |                    |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune   |                     |   |  |                    |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |  |                    |
| No. of households in village                          | 251  | % of vulnerable HHs | 17.0  |  |                    |
|   |  | % of FHHs           | 16.2  |  |                    |
|   |  | % of ID Poor HHs    | 10.8  |  |                    |
| No. of beneficiary households                         | 100  |                     |   |  |                    |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |  |                    |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |  |                    |
| E & S Category  | CATEGORY C<br>(Some minor disturbances due to the civil work only)   |                     |   |  |                    |
| Reconnaissance visits and public consultation meeting |  |                     |   |  |                    |
|   | Date   | No. of participants | No. of women                                    | No. of APs   |                    |
| Reconnaissance visit                                  | 27 Oct 2021  | 2                   | 0   |  |                    |
| Public meeting  | 23 Dec 2021  | 21                  | 3   |  |                    |
| Preparation of ESMP                                   |  |                     |   |  |                    |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |  |                    |
| Date of preparation                                   | 9 Mar 2023   |                     |   |  |                    |
| Date of comment                                       |  |                     |   |  |                    |

|   |  |                     |   |  |             |
|---|--|---------------------|---|--|-------------|
| Name of subproject                                    | Chamkar Kuoy Lech village community pond rehabilitation subproject   |                     |   |  |             |
| Province  | Prey Veng  | Districts           | Svay Antor                                      | Commune  | Damrei Puon |
| Contract No.  | NRRPCP/21/NCB/WWA2 - Part of Lot 2   |                     |   | Ref. No.   | PVG-CP016   |
| Description   | This is an existing earthen pond with a total land area of 1,023 m <sup>2</sup> that will be rehabilitated. The proposed pond will have a total area of 2,400 m <sup>2</sup> .   |                     |   |  |             |
| Existing pond dimensions                              | External dimensions (m): 31 x 33<br>Top dimension (m): 29 x 30<br>Water depth (m): 2.1   |                     | Existing pond area                              | Total land area (m <sup>2</sup> ): 1,023<br>Water surface area (m <sup>2</sup> ): 870<br>Water volume (m <sup>3</sup> ): 1,827   |             |
| Proposed pond dimensions                              | External dimensions (m): 30 x 80<br>Top dimension (m): 20 x 70<br>Water depth (m): 4   |                     | Proposed pond area                              | Total land area (m <sup>2</sup> ): 2,400<br>Water surface area (m <sup>2</sup> ): 1,400<br>Water volume (m <sup>3</sup> ): 5,600 |             |
| Additional land area required (m <sup>2</sup> )       | The rehabilitated pond will require an additional land area of 1,377 m <sup>2</sup> but will not involve resettlement and there is no impact related to land acquisition.  |                     |   |  |             |
| Land ownership status                                 | Site is an existing pond that is on public land in the commune   |                     |   |  |             |
| Flood risk assessment                                 | Based on public consultation meeting with local authorities and communities it has been have confirmed that this is not a flood affected area. Water sources taken from rain waters and other water sources. The design of community pond takes into account the geological features including terrain conditions, receptors and floodplain, flood depth of the areas by raising the dikes surrounding. The location of pond is not in the zone of flooding. |                     |   |  |             |
| No. of households in village                          | 253  | % of vulnerable HHs | 15.8  |  |             |
|   |  | % of FHHs           | 21.8  |  |             |
|   |  | % of ID Poor HHs    | 26.6  |  |             |
| No. of beneficiary households                         | 150  |                     |   |  |             |
| Environment   | Only minor and temporary during construction   | Social              | No impacts on any existing assets or structures |  |             |
| Involuntary resettlement                              | Pond is located on public land   | Indigenous Peoples  | None residing in this village                   |  |             |
| E & S Category  | CATEGORY C<br>(Some minor disturbances due to the civil work only)   |                     |   |  |             |
| Reconnaissance visits and public consultation meeting |  |                     |   |  |             |
|   | Date   | No. of participants | No. of women                                    | No. of APs   |             |
| Reconnaissance visit                                  | 26 Oct 2021  | 1                   | 0   |  |             |
| Public meeting  | 22 Dec 2021  | 24                  | 5   |  |             |
| Preparation of ESMP                                   |  |                     |   |  |             |
|   | 1 <sup>st</sup> Draft  | Revised             | Final   |  |             |
| Date of preparation                                   | 9 Mar 2023   |                     |   |  |             |
| Date of comment                                       |  |                     |   |  |             |

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## **ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN** **(16 community ponds in Prey Veng province - WWA2 Lot 2)**

### **1. INTRODUCTION**

1. The objective of this report is to present the results of the environmental and social safeguard due diligence process for the rehabilitation of 16 existing community pond subprojects located in Prey Veng (PVG) province. The report provides a description of the sites, an overview of the socio-economic situation within the targeted villages, a description of the consultative processes that were completed within the subproject area, an environmental assessment to identify any potential adverse impacts and the identification of appropriate mitigation steps, the screening process to identify the ownership status of an existing pond, or of the land to be used for the construction of a new pond, any project affected persons (PAPs) that may be impacted and determination of whether any of these PAPs are vulnerable, an assessment of the need for additional land or of impacts on of any privately owned assets. It also describes the Grievance Redress Mechanism (GRM) that has been established for each subproject.

### **2. PROJECT BACKGROUND**

#### **1.1 Project Description**

2. The Government of Kingdom of Cambodia (GoKC) has received a loan from Asian Infrastructure Investment Bank (AIIB) to assist in financing the National Restoration of Rural Productive Capacity Project (NRRPCP). This Project has been identified as an immediate priority of the GoKC CoVID-19 response and is a part of the proposed comprehensive rural infrastructure program to be funded under the AIIB CoVID-19 Crisis Response Facility to strengthen the GKC financial resources that have been impacted by the pandemic.

3. The Executing Agency (EA) for NRRPCP is the Ministry of Rural Development (MRD) and is responsible for overall Project coordination, planning, financial management, procurement and monitoring and evaluation (M&E). The target Project provinces are Pailin (PLN), Kampong Chhnang (KCH), Tboung Khmum (TKM), Prey Veng (PVG) and Koh Kong (KKG). The Project implementation period is from February 2021 to June 2024.

4. The Project objective is to sustain the rural economy and livelihoods of vulnerable rural population and returning migrants affected by CoVID-19 pandemic. The civil works for community ponds (sub-component A2) includes the rehabilitation of 75 existing ponds and the construction of 75 new ponds with the provision of rip-rap and geomembrane linings in the case of ponds at sites with high percolation losses and greening of the pond embankments using nature-based solutions and indigenous materials.

#### **1.2 Selection criteria for subprojects**

5. In consultation with the Provincial Project Implementation Units (PIUs), the Project Management Unit (PMU) has identified so far, a total of 16 potential community pond subprojects that comprises 13 existing ponds and three new ponds in the PVG province. The selected community ponds have been identified in consultation with the commune authorities in each commune as well as village leaders and the residents.



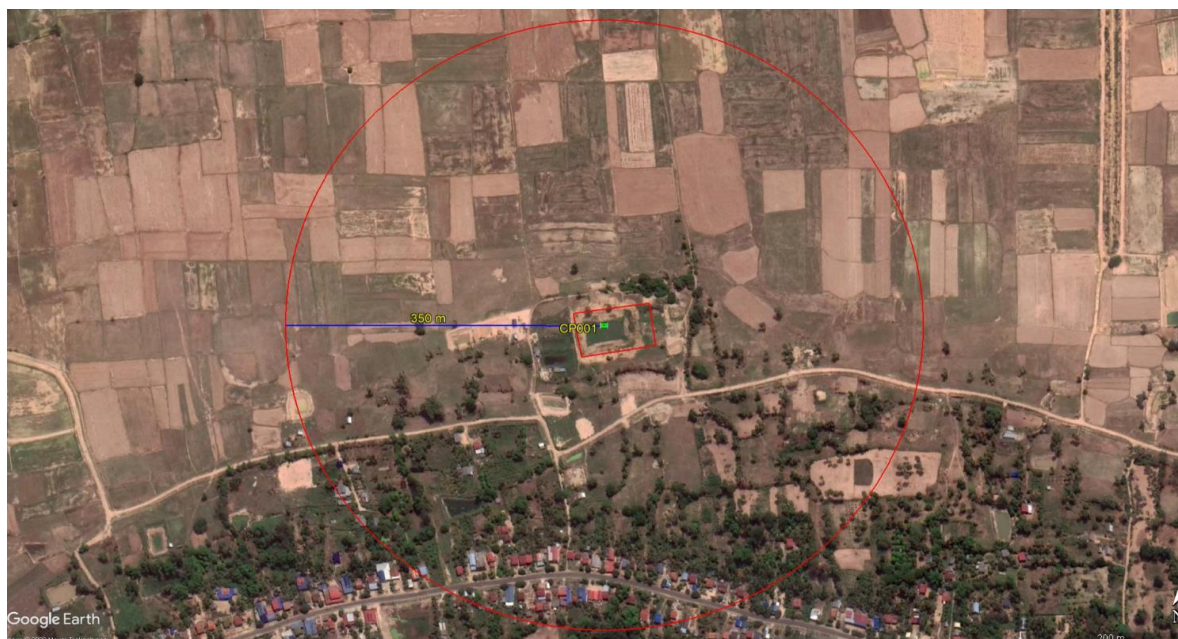
### 3. DESCRIPTION OF COMMUNITY POND SUBPROJECTS

#### 3.1 ROUNG DOMREI VILLAGE, Cheung Phnum commune (PVG-CP001) - (1<sup>st</sup> pond)

##### a. Description of exiting pond

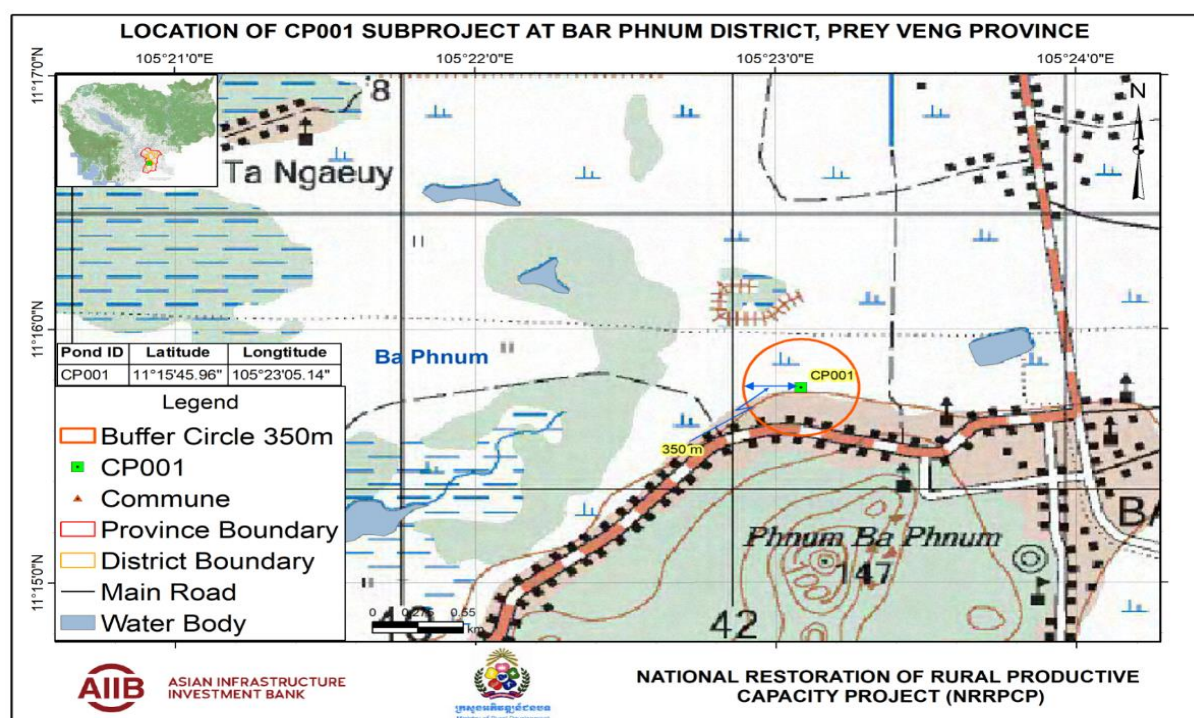
6. The proposed subproject consists of the improvement of an existing pond within the village that has been degraded through erosion of the banks and siltation. It is located in a low-lying area adjacent to the road on public land in ROUNG DOMREI village, Cheung Phnum commune, Bar Phnum district in PVG province.

Figure 1: Satellite image of site (PVG - CP001)



(Note: Area demarcated with red circle represents 350-meter distance from the pond)

Figure 2: Location site map (PVG - CP001)



7. This pond is located approximately 100 metres from village and water is drained from approximately 10 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.66 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 33 by 55 metres and occupies a total surface area of 1,683 m<sup>2</sup>. The rehabilitated pond will have increased dimensions of 65 by 100 metres and will occupy a total area of 6,500 m<sup>2</sup> with a water surfer area of 4,950 m<sup>2</sup>, a depth of 4 metres and a water volume of 19,800 m<sup>3</sup>. The enlargement of the pond will require an additional 4,817 m<sup>2</sup> of land within the village but this is public land owned by the commune.

8. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 120 beneficiary households will require about 540 cubic meters per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 19,800 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 3: Photos of existing pond (PVG-CP001)**



9. This community pond will be rehabilitated on the site of the existing pond and there is land available for the expansion without the loss of any natural resources, crops, trees or fixed assets. The local authorities have consented to the upgrading of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>1</sup>

#### **b. Subproject design and land requirements**

10. The community pond will be constructed following the Ministry of Rural Development (MRD) standard design for ordinary community ponds.<sup>2</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of 4.0 meters and a top width of one meter. This will remain as an unlined pond, but the pond embankments will be stabilised using nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

11. **Vegetation:** The existing pond is surrounded by arable land and there are some shrubs growing around two sides of the pond that will have to be removed but these are of on economic value and their removal will have no impact on local livelihoods.

12. **Surface water:** The pond is not located near any significant water bodies such as permanent rivers or lakes. The local residents usually have sufficient water (by harvesting rainwater from the roofs of their houses) for about two months after the end of the rainy season during October and November). After this there are water shortages for domestic use and many residents have to use unreliable and often unsafe water sources, such as lakes and natural ponds. From February to April, many of these open water sources dry up forcing families to travel further afield to collect water and/or increase their purchases of water. There is a lack of water in this village and there is no irrigation system during the dry season.

13. **Land use/agriculture:** Cambodia is a predominantly agricultural country, and within the catchment areas for the pond there are scattered households, pagodas, and farms that are typical throughout the lowland areas. Traditionally land is ploughed, and crops planted at the beginning of the wet season in May or June and

<sup>1</sup> See Annex 2 for the land agreement signed by the Rong Damrei Village Development Committee (VDC) members, village chief and endorsed by the Cheung Phnum commune chief.

<sup>2</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.



harvesting at beginning of dry season usually in late October or early November. The remainder of the year the fields are left fallow.

- The dry season from November to April is associated with the northeast monsoon, which sends drier and cooler air.
- The rainy season from May to October, in which rainfall is largely derived from the southwest monsoon drawn inland from the Indian Ocean.

14. **Receptors and Access:** The pond is situated along the district road, approximate 450 meters connecting to the National Road No. 311 that will provide a good access route for construction vehicles. The community pond is located just over 350 meters from the village centre. No healthcare facility was, or school compound are located within the immediate vicinity of the community pond site.

#### d. Social characteristics

15. There are 681 households in Rong Domrei village with an estimated population of 2,896 and there are reported to be 19.5% vulnerable households.

- The proportion of the households in the better off category is 39.4% and the proportion of ID Poor 1 and 2 is 19.7% and 14.4% percent respectively.<sup>3</sup>
- The educational standard is good with only 10% of the households being recorded as illiterate.
- The main occupation is farming (61.1%) followed by (32.6%) in employment and working in the public sector (3.6%). The farmers grow mainly rice as well as some cash crops. Only 7.8 % of the households reported having members who are migrant workers.
- External migration rate for Rong Damrei village is around 7.8%.
- The estimated number of households with a latrine is 87%. The main water source for all households during the dry season is pumped water and very few currently have access to pond water.

#### e. Reconnaissance visits and public consultation meeting

16. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 to meet with the village leader in Rong Domrei village and Cheung Phnum commune chief to discuss the proposal to rehabilitate the pond and to seek his/her verbal consent for the rehabilitation of the existing pond that will benefit the local community. A follow up public consultation meeting was conducted on 20<sup>th</sup> December 2021 with the village leader and commune chief and a selection of residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities for the rehabilitation of the pond that can be accessed by all residents.<sup>4</sup>

#### f. Land acquisition

17. Based on the Land Acquisition and Resettlement Screening Checklist (LARSC) for this community pond it has been verified that although there is a requirement for additional land for the rehabilitation of the pond this will not involve any resettlement and there will be no impact due to the land acquisition. The following conclusions have also been noted:

- It has been confirmed by the commune chief and village development committee that this land is public land, that no persons can claim private ownership of the land. The commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although the pond will have increased dimensions there will be no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all residents.
- There are also no PAPs since there will be no displacement of any person as a result of the rehabilitation of the community pond.

18. Thus, in the context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>5</sup>

19. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>3</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

<sup>4</sup> See Annex 8a for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>5</sup> See Annex 7 for the LARSC for all subprojects.

### 3.2 ROUNG DOMREI VILLAGE, Cheung Phnum commune (PVG-CP002) - (2<sup>nd</sup> pond)

#### a. Description of existing pond

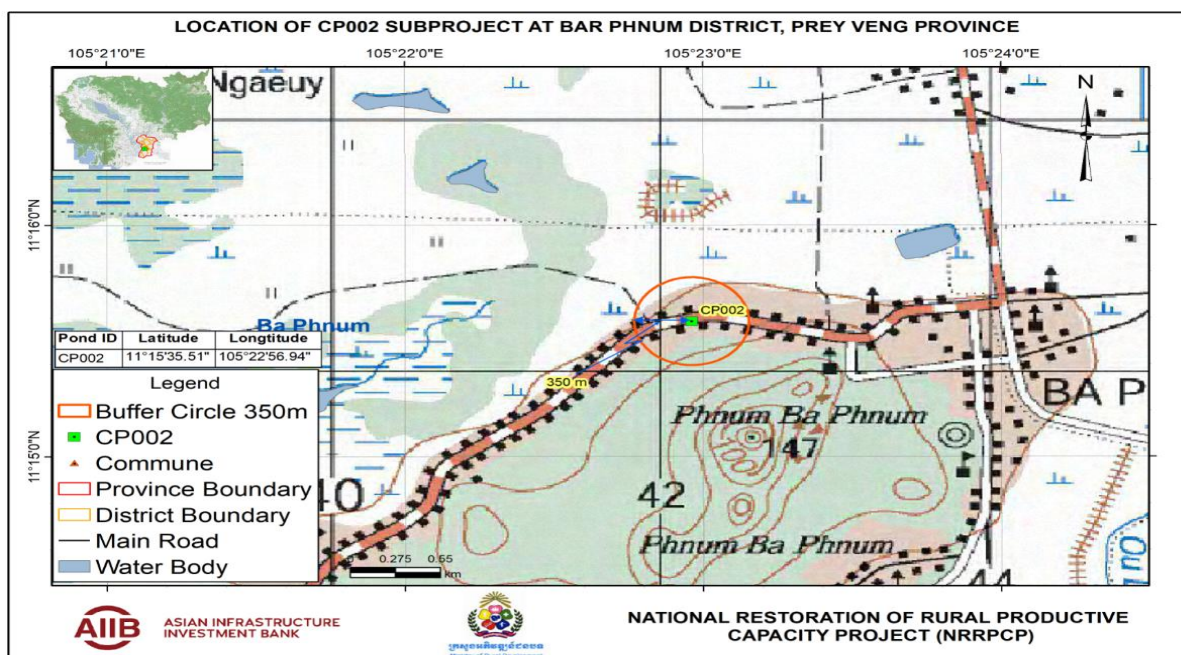
20. The proposed subproject consists of the improvement of another existing pond in this village that has been degraded through erosion of the banks and siltation. It is in a low-lying area about 100 meters from the road on public land in ROUNG DOMREI village, Cheung Phnum commune, Bar Phnum district in PVG province.

Figure 4: Satellite image of site (PVG - CP002)



(Note: Area demarcated with red circle represents 350-meter distance from the pond)

Figure 5: Location site map (PVG - CP002)



21. This pond is located in ROUNG DOMREI village of Cheung Phnum commune of Bar Phnum district, Prey Veng province. Water will be drained from approximately 23 hectares of catchment area upstream as well as



from surrounding catchments, flowing with estimated discharge rate of 1.683 m<sup>3</sup>/sec into the pond and filling it during the rainy/wet season through a pipe with diameter of 0.6 m holding water into the pond. The pond is rehabilitated with dimensions of 36 meters by 49 meters and will have a depth of four meters. The water storage capacity of the pond will be about 7,056 m<sup>3</sup>.

22. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 120 beneficiary households will require about 540 cubic meters per month, and this can be satisfied during the four to five-month period of dry season given the pond capacity of 7,056 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 6: Photos of existing pond (PVG-CP002)**



23. The existing pond is located on public land within the village and the local authorities have consented to the upgrading of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>6</sup>

#### **b. Subproject design and land requirements**

24. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>7</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of 4.0 meters and a top width of one meter. This will remain as an unlined earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

25. **Vegetation:** The existing pond is surrounded by arable land and there are some shrubs growing along two sides of the pond, but these are of no economic value.

26. **Surface water:** The pond is not located near any significant water bodies such as permanent rivers or lakes. Households usually have sufficient water (from rainwater harvesting) for a couple of months after the end of the rainy season (October/ November). Access becomes increasingly problematic after that and more households have to use unreliable (and unsafe) water from open sources, such as lakes and ponds. During February to April, many of the open sources dry up forcing families to travel further afield to get water and/or increase their purchases of water. So, there is lack of water and there is no irrigation system during the dry season.

27. **Land use/agriculture:** Cambodia is an agricultural country, and throughout the catchment areas surrounding the subproject ponds are scattered households, pagodas, and villages' farming, a typical rice paddy field or village garden crop as found throughout lowland of Cambodia. Traditionally land is ploughed, and crops planted at the beginning of the wet season in May or June and harvesting at beginning of dry season usually in late October or early November. The remainder of the year the fields are left fallow and the surrounding area has a relatively low populated density.

- The dry season from November to April is associated with the northeast monsoon, which sends drier and cooler air.

<sup>6</sup> See Annex 2 for the land agreement signed by the Rong Damrei Village Development Committee (VDC) members, village chief and endorsed by the Cheung Phnum commune chief.

<sup>7</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

- The rainy season from May to October, in which rainfall is largely derived from the southwest monsoon drawn inland from the Indian Ocean.

28. **Receptors and Access:** The site is situated along the district road, approximate 750 meters connecting to the National Road No.311 that will provide a clear and appropriate access route for construction vehicles. The community pond is located just over 350 meters from the village centre. No healthcare facility was or school compound are located within the immediate vicinity of the community pond site.

#### d. Social characteristics

29. There are 681 households in Rong Domrei village with an estimated population of 2,896 and there are reported to be 19.5% vulnerable households.

- The proportion of the households in the better off category is 39.4% and the proportion of ID Poor 1 and 2 is 19.7% and 14.4% percent respectively.<sup>8</sup>
- The educational standard is good with only 10% of the households being recorded as illiterate.
- The main occupation is farming (61.0%) followed by (32.6%) in employment and working in the public sector (3.6%). The farmers grow mainly rice as well as some cash crops. Only 7.8 % of the households reported having members who are migrant workers.
- From commune social and economic data, it shows that the external migration rate for Rong Damrei village is around 7.8%.
- The estimated number of households with a latrine is 87%.
- The main water source for all households during the dry season is pumped water and very few currently have access to pond water.

#### e. Reconnaissance visits and public consultation meeting

30. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 to meet with the village leader in Rong Domrei village and Cheung Phnum commune chief to discuss the proposal to rehabilitate the pond and to seek his/her verbal consent for the rehabilitation of the existing pond that will benefit the local community. A follow up public consultation meeting was conducted on 20<sup>th</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the GRM that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities for the rehabilitation of the pond that can be accessed by all residents.<sup>9</sup>

#### f. Land acquisition

31. Based on the LARSC for this community pond it has been verified that there is no requirement for any additional land since the rehabilitated pond will occupy a smaller area. The following conclusions have also been noted:

- It has been confirmed by the commune chief and village development committee that this land is public land, that no persons can claim private ownership of the land. The commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Since the pond will have reduced dimensions there is no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the rehabilitation of the community pond.

32. Thus, in the context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>10</sup>

33. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>8</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

<sup>9</sup> See Annex 8a for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>10</sup> See Annex 7 for the LARSC for all subprojects.



### 3.3 ROUNG DAMREI VILLAGE, Cheung Phnum commune (PVG - CP003) – 3<sup>rd</sup> community pond

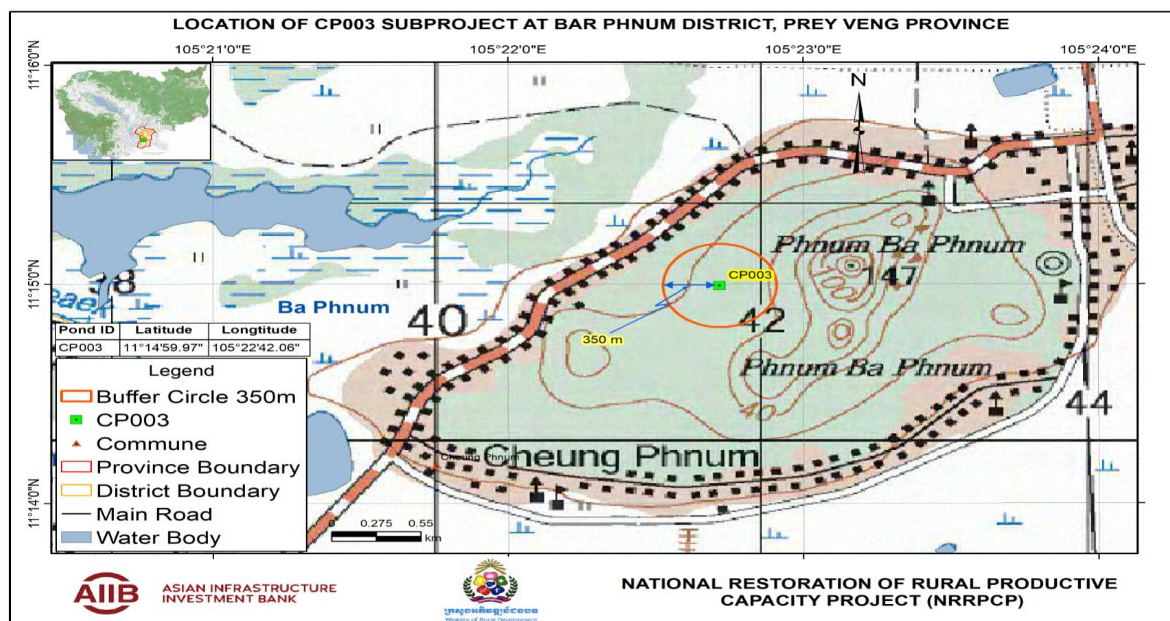
#### a. Description of new community pond

34. The proposed subproject comprises the construction of a new community pond that is located in the army camp within this village. It is located in a low-lying area beside an access road on public land in ROUNG DAMREI village, Cheung Phnum commune, Bar Phnum district, PVG province.

Figure 4: Satellite image of site (PVG - CP003)



Figure 5: Location site map (PVG - CP003)



35. This is the 3<sup>rd</sup> community Pond within this village and is located within the army camp in ROUNG DOMREI village of Cheung Phnum commune of Bar Phnum district, Prey Veng province. Water flow will flow with an estimated discharge rate of 2.36 m<sup>3</sup>/sec into the pond during the rainy/wet season through a pipe with diameter of 0.6 m from about 32 hectares of catchment area upstream as well as surrounding catchments. The pond will have top dimensions of 50 by 50 metres and a depth of four meters, with a total land area of 2,500 and water storage capacity of 4,392 m<sup>3</sup>.

36. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 150 beneficiary households will require about 675 m<sup>3</sup> cubic meters per month and this

can be satisfied during the four to five-month period of dry season given the pond capacity of 4,392 m<sup>3</sup>. Any remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 6: Photos of existing pond (PVG - CP003)**



37. This new community pond will be constructed on the site of land available within the army camp. There will be no temporary impacts on any properties and livelihoods of residents during the civil work. The pond is located on public land in the army camp and the local authorities and camp commanders have consented to the construction of the pond and have signed an agreement to allow all surrounding households in the village can have free access to the water from the pond.<sup>11</sup>

#### **b. Subproject design and land requirements**

38. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>12</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will be an unlined earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

39. **Vegetation:** The pond site is located on unused land and there some trees or shrubs growing around the perimeter of the site that will be removed but they are of on economic value.

40. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

41. **Land use/agriculture:** The land surrounding the army camp site is arable and consists primarily of rice fields as well as some residential plots of land with home gardens.

42. **Receptors and Access:** The site is situated about 2,500 meters from the main Road that will provide easy access route for construction vehicles. The community pond is located less than 400 meters from the village centre. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

43. There are 681 households in ROUNG DOMREI village with an estimated population of 2,896 and there are reported to be 19.5% vulnerable households.

- The proportion of the households in the better off category is 39.5% and the proportion of ID Poor 1 and 2 is 19.7% and 14.5% percent respectively.<sup>13</sup>
- The educational standard is good with only 10% of the households being recorded as illiterate.
- The main occupation is farming (61.1%) followed by (32.7%) in employment and working in the public sector (3.6%). The farmers grow mainly rice as well as some cash crops. Only 7.8 % of the households reported having members who are migrant workers.

<sup>11</sup> See Annex 2 for the land agreement signed by Brigadier General Commander of Army Camp.

<sup>12</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>13</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.



- . From commune social and economic data, it shows that the external migration rate for ROUNG DAMREI village is around 7.8%.
- The estimated number of households with a latrine is 87%.
- The main water source for all households during the dry season is pumped water and very few have access to pond water.

**e. Reconnaissance visits and public consultation meeting**

44. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 to meet with the village leader in ROUNG DAMREI village and CHEUNG PHNUM commune chief to discuss the proposal to rehabilitate the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 20<sup>th</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities for the rehabilitation of the pond that can be accessed by all residents.<sup>14</sup>

**g. Land acquisition**

45. Based on the LARSC for this community pond it has been verified that there is vacant land available within the army camp and there are no resettlement or land acquisition issues.<sup>15</sup> The following conclusions have also been noted:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Since the pond will have reduced dimensions there is no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no Affected Persons (APs) since there will be no displacement of any person as a result of the rehabilitation of the community pond.

46. Thus, in the context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no require.

**47. The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>14</sup> See Annex 8b for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>15</sup> See Annex 7 for the LARSC for all pond subprojects.

### 3.4 PREY KHLOUT VILLAGE, Smaong Tboung commune (PVG - CP004)

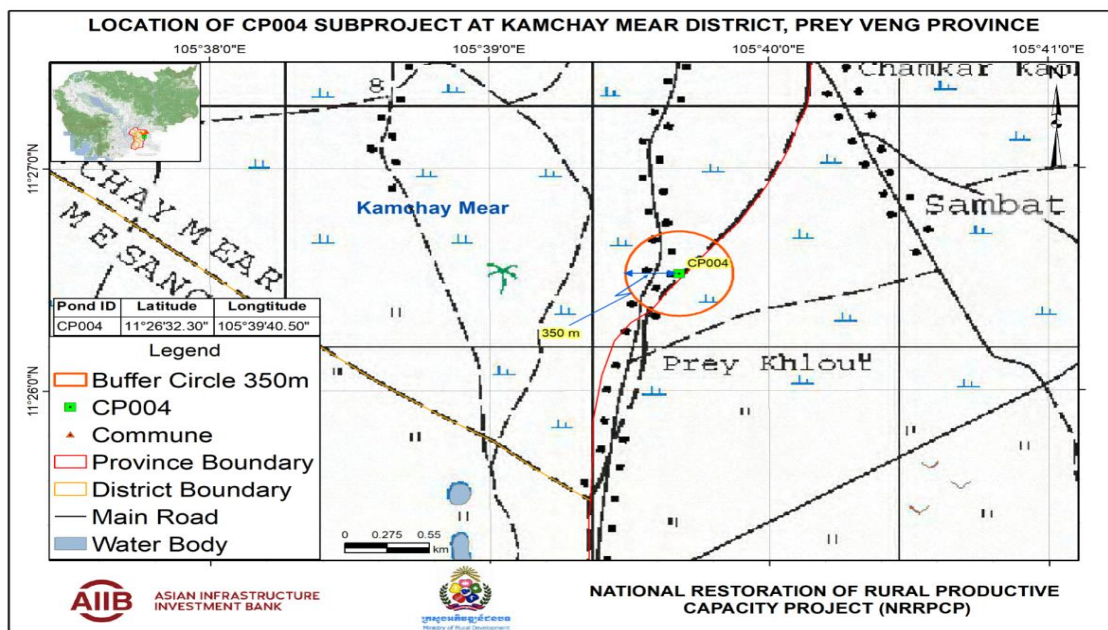
#### a. Description of new community pond

48. The proposed subproject consists of the construction a new pond. It is in a low-lying area about 150 meters from the main road on public land in Prey Khlout village, Smaong Tboung commune, Kamchay Mear district, PVG province.

Figure 7: Satellite image of site (PVG - CP004)



Figure 8: Location site map (PVG - CP004)



49. This pond located within pagoda compound at Prey Khlout village of Smaong Tboung commune of Kamchay Mear district, Prey Veng province. The water will flow with an estimated discharge rate of  $0.83 \text{ m}^3/\text{s}$  into the pond during the rainy/wet season through a pipe with diameter of 0.6 m from about 20 hectares of catchment area upstream as well as surrounding catchments. The external dimensions of the proposed new pond will be 45 by 60 meters with a depth of four meters and it will have water storage capacity approximately  $7,000 \text{ m}^3$ .



50. This given capacity is more than enough during four to five-month period of dry season for the community of 236 households with basic domestic consumption of about 1,062 cubic meters per month. The remaining water in the reservoir can be used for other purposes, including agriculture, etc.

51. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 230 beneficiary households will require about 1,062 m<sup>3</sup> per month, and this can be satisfied during the four to five-month period of dry season given the pond capacity of 7.000 m<sup>3</sup>. Any remaining water in the pond can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

52. This community pond will be constructed a new pond on the site of land available. There will be only minor temporary impacts on the properties and livelihoods of residents during the civil work. The pond is located on public land within the commune and the local authorities have consented to the upgrading of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>16</sup>

**Figure 9: Photos of existing pond (PVG - CP004)**



#### **b. Subproject design and land requirements**

53. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>17</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

54. **Vegetation:** The site is located within the pagoda compound and there some trees or shrubs growing around the site that may have to be removed but these are of no economic value.

55. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes. Households usually have sufficient water (from rainwater harvesting) for a couple of months after the end of the rainy season (October/ November). Access becomes increasingly problematic after that and more households have to use unreliable (and “unsafe”) sources, such as lakes and ponds. During February to April, many of the open sources dry up forcing families to travel further afield to get water and/or increase their purchases of water.

56. **Land use/agriculture:** The land surrounding the pagoda compound site on two sides is arable and there are scattered households and farms that are typical of the lowland areas. Traditionally land is ploughed, and crops planted at the beginning of the wet season in May or June and harvesting at beginning of dry season usually in late October or early November. The remainder of the year the fields are left fallow.

- The dry season from November to April is associated with the northeast monsoon, which sends drier and cooler air.
- The rainy season from May to October, in which rainfall is largely derived from the southwest monsoon drawn inland from the Indian Ocean.

<sup>16</sup> See Annex 2 for the land agreement signed by chief of the Monk of Prey Kry pagoda.

<sup>17</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

57. **Receptors and Access:** The site is situated about 150 meters from the access road connecting to district road that will provide a good access route for construction vehicles. The community pond is located less than 350 meters from the village centre. No healthcare facilities or school compounds are located within the immediate vicinity of the proposed site.

#### **d. Social characteristics**

58. There are 280 households in Prey Khlout village with an estimated population of 1,001 and there are reported to be only 13.2% vulnerable households.<sup>18</sup>

- The proportion of the households in the better off category is 50.3% and the proportion of ID Poor 1 and 2 is 22.4% and 10.2% percent respectively.
- The educational standard is very good with 8% of the households being recorded as illiterate.
- The main occupation is farming (82.9%) followed by working in the public sector (6.5%). The farmers grow mainly rice as well as some cash crops and 9.1% of the households reported having members who are migrant workers.
- From commune social and economic data, it shows that the external migration rate for Prey Khlout village is around 9.1%.
- The estimated number of households with a latrine is 83%.
- The main water source for all households is pumped water and very few have access to pond water.

#### **e. Reconnaissance visits and public consultation meeting**

59. There was a reconnaissance visit conducted on 27<sup>th</sup> October 2021 to meet with the village leader in Prey Khlout village, Smaong Tboung commune chief and monks to discuss the proposal to construct the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 23<sup>rd</sup> December 2021 with the village leader, commune chief and monks and a selection of residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the GRM that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities for the rehabilitation of the pond that can be accessed by all residents.<sup>19</sup>

#### **f. Land acquisition**

60. Based on the LARSC for this community pond it has been verified that there is no requirement for any additional land since the rehabilitated pond will occupy a smaller area. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Since the pond will have reduced dimensions there is no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no Affected Persons (APs) since there will be no displacement of any person as a result of the rehabilitation of the community pond.

61. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>20</sup>

62. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>18</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

<sup>19</sup> See Annex 8c for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>20</sup> See Annex 7 for the LARSC for all subprojects.

### 3.5 CHVANG VILLAGE, Pratheat commune (PVG - CP005) - (1<sup>st</sup> pond)

#### a. Description of existing pond

63. The proposed subproject consists of the improvement of an existing pond that has been degraded through erosion of the banks and siltation. It is located in a low-lying area about 100 meters from the road on public land in Chvang village, Pratheat commune, Kampong Trabaek district, PVG province.

Figure 10: Satellite image of site (PVG - CP005)

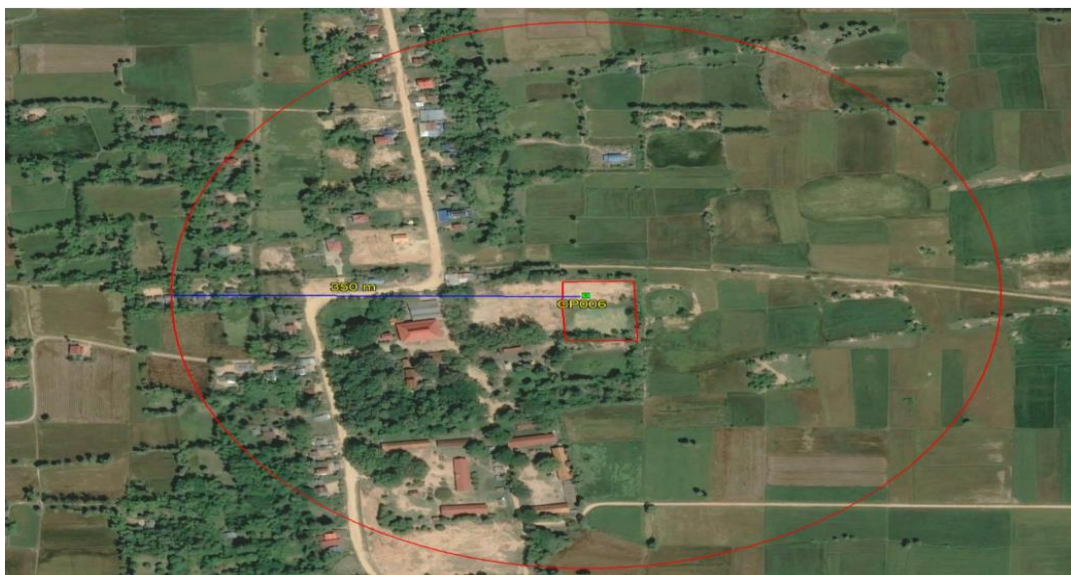
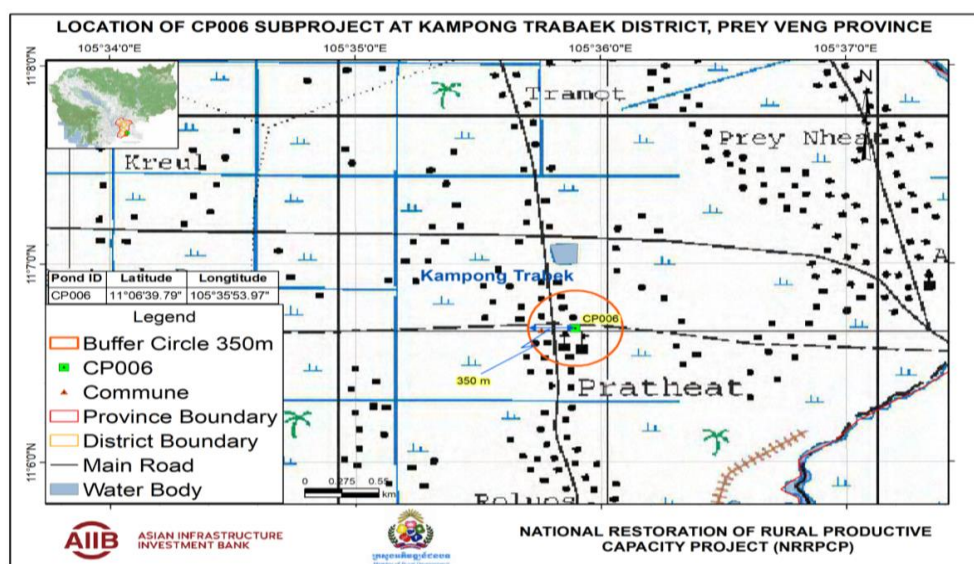


Figure 11: Location site map (PVG - CP005)



64. This pond is located approximately 300 metres from village and water is drained from approximately 20 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.66 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 62 by 64 metres and occupies a total surface area of 3,968 m<sup>2</sup>. The rehabilitated pond will have increased dimensions of 70 by 70 metres and will occupy a total area of 4,900 m<sup>2</sup> and a depth of four metres and a water volume of 12,000 m<sup>3</sup>. The enlargement of the pond will require an additional 932 m<sup>2</sup> of land within the village but this is public land owned by the commune.

65. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 60 beneficiary households will require about 270 m<sup>3</sup> per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 7,000 m<sup>3</sup>. The



remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 12: Photos of existing pond (PVG - CP005)**



66. This community pond will be constructed on the site of an existing pond and there will be a requirement for an additional 932 m<sup>2</sup> land area since the rehabilitated pond will have increased dimensions. There will be only minor temporary impacts on the properties and livelihoods of residents during the civil work. The existing pond is located on public land within the commune and the local authorities have consented to the upgrading of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>21</sup>

#### **b. Subproject design and land requirements**

67. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>22</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

68. **Vegetation:** The existing pond is surrounded by vacant land on all sides and there are some trees or shrubs growing around the pond and some of these may be removed during the civil work but they are of no economic value.

69. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

70. **Land use/agriculture:** The land surrounding the site is arable and consists primarily of rice fields as well as some residential plots of land with home gardens.

71. **Receptors and Access:** The site is situated about 80 meters from an access road connecting to the district Road that will provide a good access route for construction vehicles. The community pond is located less than 350 meters from the village centre. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

72. There are 372 households in Chvang village with an estimated population of 1,532 and there are reported to be 13.3% vulnerable households.<sup>23</sup>

- The proportion of the households in the better off category is 34.0% and the proportion of ID Poor 1 and 2 is 35.2% and 15.9% percent respectively.
- The educational standard is very good but with 13% of the households being recorded as illiterate.
- The main occupation is farming (92.7%) followed by working in the public sector (5.1%). The farmers grow mainly rice as well as some cash crops and 12.7% of the households reported having members who are migrant workers.

<sup>21</sup> See Annex 2 for the land agreement signed by the Chvang VDC members, village chief and endorsed by the Pratheath commune chief.

<sup>22</sup> See Annex 3 for layout plan and cross sectional diagrams of typical community pond.

<sup>23</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 10 community ponds.

- From commune social and economic data, it shows that the external migration rate for Chvang village is around 12.7%.
- The estimated number of households with a latrine is 76%. The main water source for all households during the dry season is pumped water and very few have access to pond water.

**e. Reconnaissance visits and public consultation meeting**

73. There was a reconnaissance visit conducted on 25<sup>th</sup> October 2021 to meet with the village leader in Chvang village, Pratheat commune chief to discuss the proposal to construct the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 21<sup>st</sup> December 2021 with the village leader and commune chief and a selection of residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the GRM that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities for the rehabilitation of the pond that can be accessed by all residents.<sup>24</sup>

**f. Land acquisition**

74. Based on the LARSC for this community pond it has been verified that there is no requirement for any additional land since the rehabilitated pond will occupy a smaller area. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although, the pond will have increased dimensions, there is no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all residents.
- There are also no PAPs since there will be no displacement of any person as a result of the rehabilitation of the community pond.

75. Thus, in the context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>25</sup>

76. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

### **3.6 CHVANG VILLAGE, Pratheat commune (PVG - CP006) - (2<sup>nd</sup> pond)**

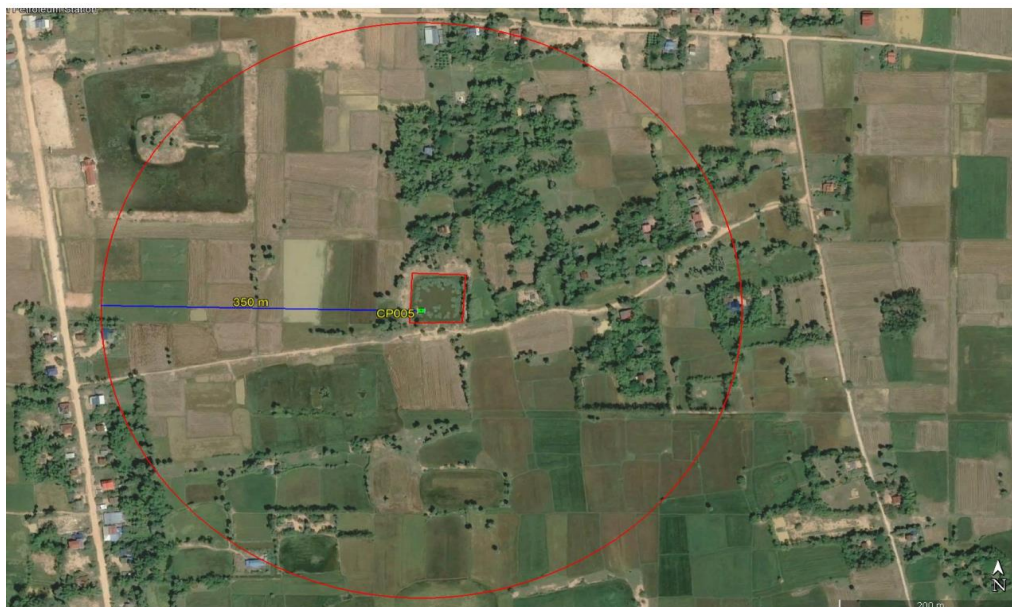
#### **a. Description of existing pond**

<sup>24</sup> See Annex 8d for the descriptions of the public consultation meetings, attendance list and photographs.

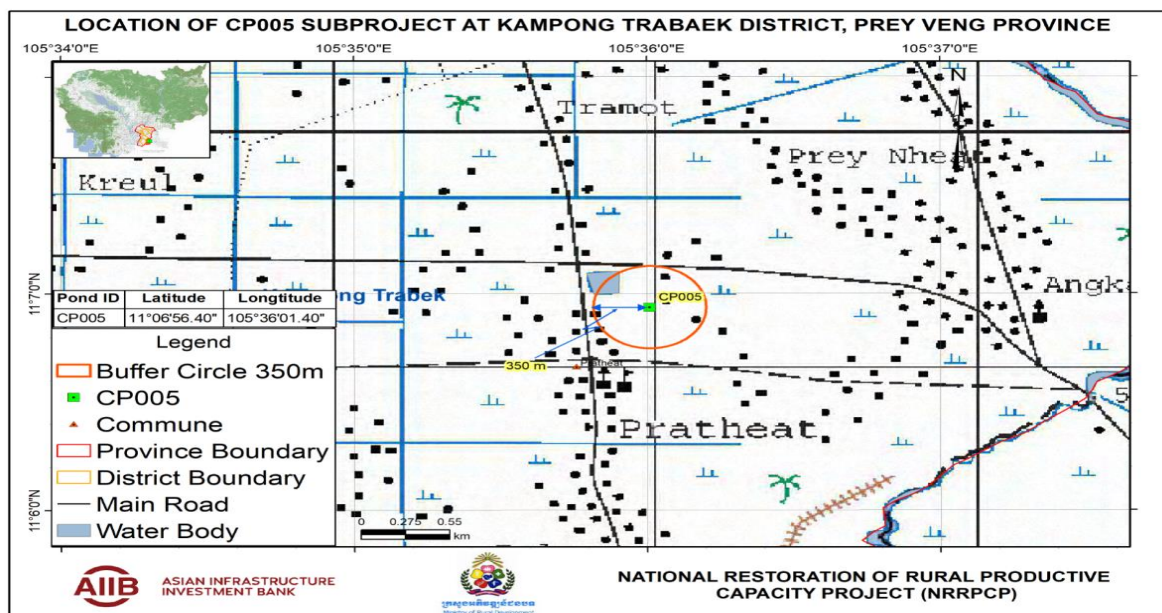
<sup>25</sup> See Annex 7 for the LARSC for all subprojects.

77. The proposed subproject consists of the rehabilitation of an existing pond that has been degraded through erosion of the banks and siltation. It is located in a low-lying area about 400 meters from the road on public land also in Chvang village, Pratheat commune, Kampong Trabaek district, PVG province.

**Figure 16: Satellite image of site (PVG - CP006)**



**Figure 17: Location site map (PVG - CP006)**



78. This 2<sup>nd</sup> pond is located approximately 100 metres from village and water is drained from approximately 10 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.66 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 48 by 63 metres and occupies a total surface area of 3,024m<sup>2</sup>. The rehabilitated pond will have slightly larger dimensions of 53 by 59 metres and will occupy a total area of 3,127m<sup>2</sup> and a depth of four metres and a water volume of 8,428 m<sup>3</sup>. The enlargement of the pond will require an additional 103m<sup>2</sup> of land within the village, but this is public land owned by the commune.

79. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 30 beneficiary households will require about 136 m<sup>3</sup> per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 7,000 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens



and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 18: Photos of existing pond (PVG - CP006)**



80. This community pond will be constructed on the site of an existing pond with slightly increase land area of 103 m<sup>2</sup>. However, there will be only minor temporary impacts on the properties and livelihoods of local residents during the civil work. The existing pond is located on public land within the commune and the local authorities have consented to the upgrading of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>26</sup>

#### **b. Subproject design and land requirements**

81. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>27</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

82. **Vegetation:** The existing pond is surrounded by arable land on all sides and there some trees or shrubs growing around the pond that may have to be removed during the civil work but they are of no economic value.

83. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

84. **Land use/agriculture:** The land surrounding the site is arable and consists primarily of rice fields as well as some residential plots of land with home gardens. Traditionally land is ploughed, and crops planted at the beginning of the wet season in May or June and harvesting at beginning of dry season usually in late October or early November.

85. **Receptors and Access:** The site is situated about 150 meters from the access road connecting to district Road that will provide a clear and appropriate access route for construction vehicles. The community pond is located less than 350 meters from the village centre. No healthcare facility was or school compound are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

86. There are 372 households in Chvang village with an estimated population of 1,532 and there are reported to be 13.3% vulnerable households.<sup>28</sup>

- The proportion of the households in the better off category is 34.0% and the proportion of ID Poor 1 and 2 is 35.2% and 15.9% percent respectively.
- The educational standard is very good but with 13% of the households being recorded as illiterate.

<sup>26</sup> See Annex 2 for the land agreement signed by village chief of Chvang and endorsed by the commune chief of Pratheath.

<sup>27</sup> See Annex 3 for layout plan and cross sectional diagrams of typical community pond.

<sup>28</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

- The main occupation is farming (92.7%) followed by working in the public sector (5.1%). The farmers grow mainly rice as well as some cash crops and 12.7% of the households reported having members who are migrant workers.
- From commune social and economic data, it shows that the external migration rate for Chvang village is around 12.7%.
- The estimated number of households with a latrine is 76%. The main water source for all households during the dry season is pumped water and very few have access to pond water.

#### **e. Reconnaissance visits and public consultation meeting**

87. There was a reconnaissance visit conducted on 25<sup>th</sup> October 2021 to meet with the village leader in Chvang village and Pratheath commune chief to discuss the proposal to rehabilitate the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 21<sup>st</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities for the rehabilitation of the pond that can be accessed by all residents.<sup>29</sup>

#### **f. Land acquisition**

88. Based on the LARSC for this community pond it has been verified that although there is a requirement for additional land for the rehabilitation of the pond this will not involve any resettlement and there will be no impact due to the land acquisition. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although, the pond will have increased dimensions, there is no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the rehabilitation of the community pond.

89. Thus, in the context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>30</sup>

90. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>29</sup> See Annex 8d for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>30</sup> See Annex 7 for the LARSC for all subprojects.

### 3.7 KRACHAB KROM VILLAGE, Peam Muntear commune (PVG - CP007)

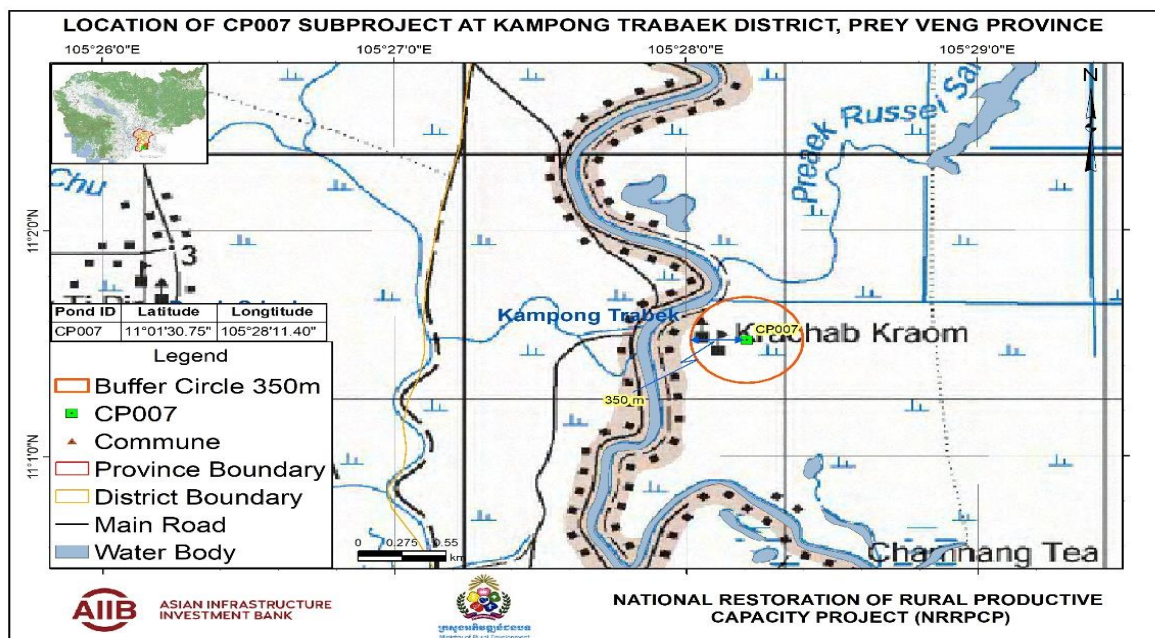
#### a. Description of new construction community pond

91. The subproject comprises the construction of a new pond within a school compound in Krachab Krom village, Peam Muntear commune, Kampong Trabek District, Prey Veng province.

Figure 19: Satellite image of site (PVG - CP007)



Figure 20: Location site map (PVG - CP007)



92. The site is just over 350 meters from the village centre and water is drained from approximately four hectares of catchment area upstream as well as surrounding catchments, flowing with an estimated discharge rate of 0.18 m<sup>3</sup>/sec during the rainy/wet season through a pipe with diameter of 0.6 meter. The pond will have overall external dimensions of 50 by 70 metres and will occupy a total land area of 3,500 m<sup>2</sup> and a depth of four metres and a water storage capacity of 9,600 m<sup>3</sup>.



93. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 200 beneficiary households will require about 900 m<sup>3</sup> per month and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 9,600 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 21: Photos of public vacant land (PVG - CP007)**



94. The site is located behind the school on public land within the commune and the local authorities and school principal have consented to the construction of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>31</sup>

#### **b. Subproject design and land requirements**

95. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>32</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will be an unlined earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

96. **Vegetation:** The existing pond is surrounded by barren/vacant land on all sides and there some trees or shrubs growing around the pond, but these will not be impacted during the civil work since the pond dimensions will be reduced. There are some shrubs growing within the pond that will need be removed but these are of on economic value.

97. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

98. **Land use/agriculture:** The land surrounding the site is vacant land that is a part of the school campus and consists primarily of rice fields as well as some residential plots of land with home gardens.

99. **Receptors and Access:** The site is situated about 70 meters from the access road that will provide a good access route for construction vehicles. The community pond is located just over 350 meters from the village centre. No healthcare facilities are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

100. There are 214 households in Krachab village with an estimated population of 994 and there are reported to be 9.15% vulnerable households.<sup>33</sup>

- The proportion of the households in the better off category is 52% and the proportion of ID Poor 1 and 2 is 7.9% and 3% percent respectively.
- The educational standard is very good with only 5% of the households being recorded as illiterate.
- The main occupation is farming (88%) followed by working in the public sector (6.5%). The farmers grow mainly rice as well as some cash crops and 15% of the households reported having members who are migrant workers;

<sup>31</sup> See Annex 2 for the land agreement signed by the school principal and teachers.

<sup>32</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>33</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

- From commune social and economic data, it shows that the external migration rate for Krachab Krom village is around 3%.
- The estimated number of households with a latrine is 69%.
- The main water source for all households during the dry season is dug wells as well as river water and very few have access to pond water.

101. It is estimated that there are around 40 households within a 350-meter radius of the community pond who can derive direct benefit from easier and more reliable access to water supplies all year round.

#### **e. Reconnaissance visits and public consultation meeting**

102. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 to meet with the school principal accompany by village leader in Krachab village and Peam Muntear commune chief to discuss the proposal to construct the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 21<sup>st</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the construction of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the GRM that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities and school principal for the pond to be accessed by all local residents.<sup>34</sup>

#### **f. Land acquisition**

103. Based on the LARSC for this community pond it has been verified that the proposed pond can be constructed on the public land area based on the following:

- It has been confirmed by the commune chief and school principal that this land is public land, that no persons can claim private ownership of the land and that the commune authorities, the village chief, school principal and teachers fully support the planned construction of the community pond.
- The pond will be constructed on public land area of 4,015 m<sup>2</sup> and this will not result in the loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

104. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>35</sup>

105. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>34</sup> See Annex 8e for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>35</sup> See Annex 7 for the LARSC for all subprojects.

### 3.8 PONHEA KAEUT VILLAGE, Cheang Daek commune (PVG - CP008)

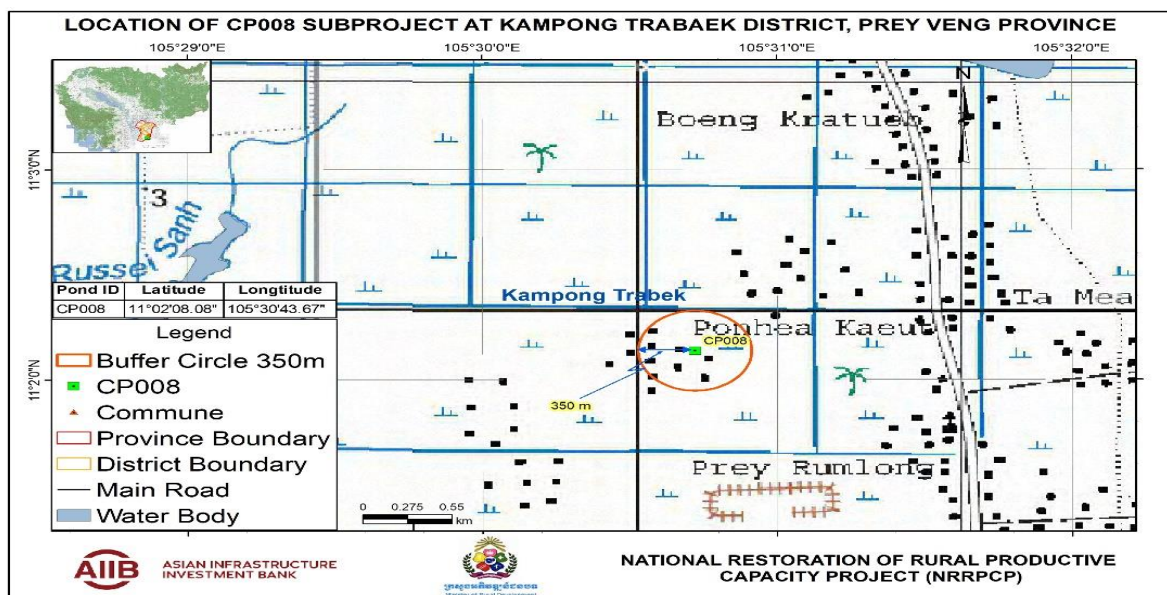
#### a. Description of existing pond

106. The subproject comprises the rehabilitation of an existing pond within the pagoda campus in Ponhea Kaeut village, Cheang Daek commune, Kampong Trabaek District, Prey Veng province.

Figure 22: Satellite image of site (PVG - CP008)



Figure 23: Location site map (PVG - CP008)



107. This pond is located approximately 100 metres from village and water is drained from approximately 11 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.66 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 37 by 59 metres and occupies a total surface area of 2,183 m<sup>2</sup>. The rehabilitated pond will have increased dimensions of 48 by 80 metres and will occupy a total area of 3,840 m<sup>2</sup> and a depth of four metres and a water volume of 10,640 m<sup>3</sup>. The enlargement of the pond will require an additional 1,657 m<sup>2</sup> of land within the village but this is public land owned by the commune.

108. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 40 beneficiary households will require about 180 m<sup>3</sup> per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 10,640 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.



**Figure 29: Photos of public vacant land (PVG - CP008)**

109. This community pond within the pagoda compound is located on public land and there is land available for the expansion of the pond. There will be only minor temporary impacts on the properties and livelihoods of local residents during the civil work. The chief of monks and chief of pagoda's committee have consented to the construction of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>36</sup>

#### **b. Subproject design and land requirements**

110. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>37</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will be an unlined earth pond but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

111. **Vegetation:** The existing pond is surrounded by vacant land on all sides and there some trees or shrubs growing around the pond but that will need be removed but these are of on economic value and this will have no impact on local livelihoods.

112. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

113. **Land use/agriculture:** The land surrounding the site is arable and consists primarily of rice fields as well as some residential plots of land with home gardens.

114. **Receptors and Access:** The site is situated about 80 meters from the district road that will provide a clear and appropriate access route for construction vehicles. The community pond is located less than 350 meters from the village centre. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

115. There are 212 households in Ponhea Kaet village with an estimated population of 862 and there are reported to be 13 % vulnerable households.<sup>38</sup>

- The proportion of the households in the better off category is 55% and the proportion of ID Poor 1 and 2 is 12% and 14.8 % percent respectively.
- The educational standard is very good with only 3% of the households being recorded as illiterate;
- The main occupation is farming (68%) followed by working in the employees (15%). The farmers grow mainly rice as well as some cash crops and 15% of the households reported having members who are migrant workers;
- households had been impacted by the loss of income from returning migrants who had lost their employment. From commune social and economic data, it shows that the external migration rate for Ponhea Kaeut village is around 5%.
- The estimated number of households with a latrine is 67%;
- The main water source for all households during the dry season is dug wells as well as river water and very few have access to pond water.

<sup>36</sup> See Annex 2 for the land agreement signed by the Monk chief of Ponhea Kaeut pagoda.

<sup>37</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>38</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

**e. Reconnaissance visits and public consultation meeting**

116. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 to meet with chief of monks and chief of pagoda's committee in Ponhea Kaeut village to discuss the proposal to construct the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 21<sup>st</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the construction of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the GRM that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities and school principal for the pond to be accessed by all local residents.<sup>39</sup>

**f. Land acquisition**

117. Based on the LARSC for this community pond it has been verified that there is a need for an additional land of 1,657 m<sup>2</sup> since the rehabilitated pond will have larger dimensions and occupy a greater land area. The following conclusions have been drawn:

- It has been confirmed by the commune chief, chief of monks and chief of pagoda' committee that this land is public land, that no persons can claim private ownership of the land and that the commune authorities, the village chief, chief of monks and chief of pagoda's committee fully support the planned rehabilitation of the community pond.
- Although the pond will have increased dimensions, there will be not result in the loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

118. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>40</sup>

119. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>39</sup> See Annex 8f for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>40</sup> See Annex 7 for the LARSC for all subprojects.



### 3.9 ANSAONG VILLAGE, Ansaong commune (PVG - CP009)

#### a. Description of existing pond

120. The subproject comprises the rehabilitation of an existing pond located within Ansoang village, Ansaong commune, Kampong Trabaek District, Prey Veng province.

Figure 30: Satellite image of site (PVG - CP009)

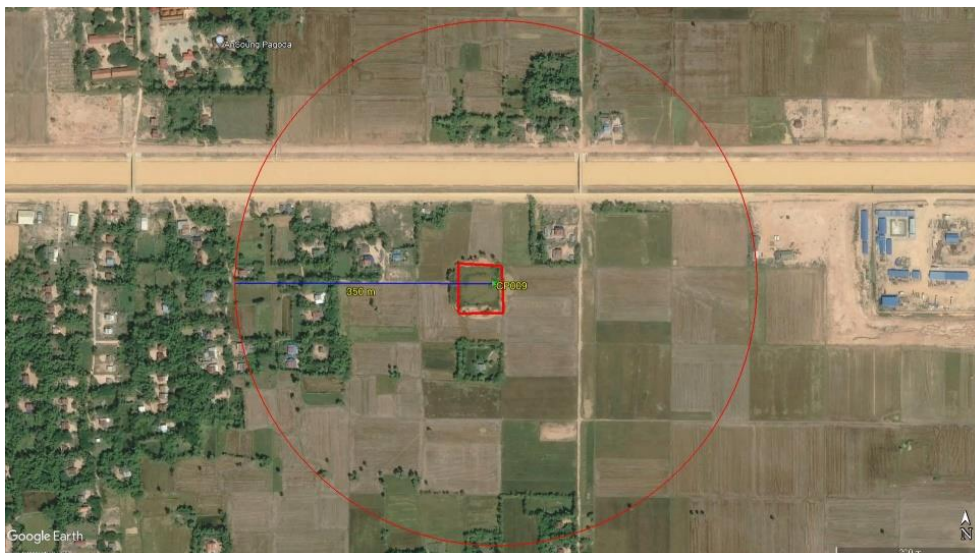
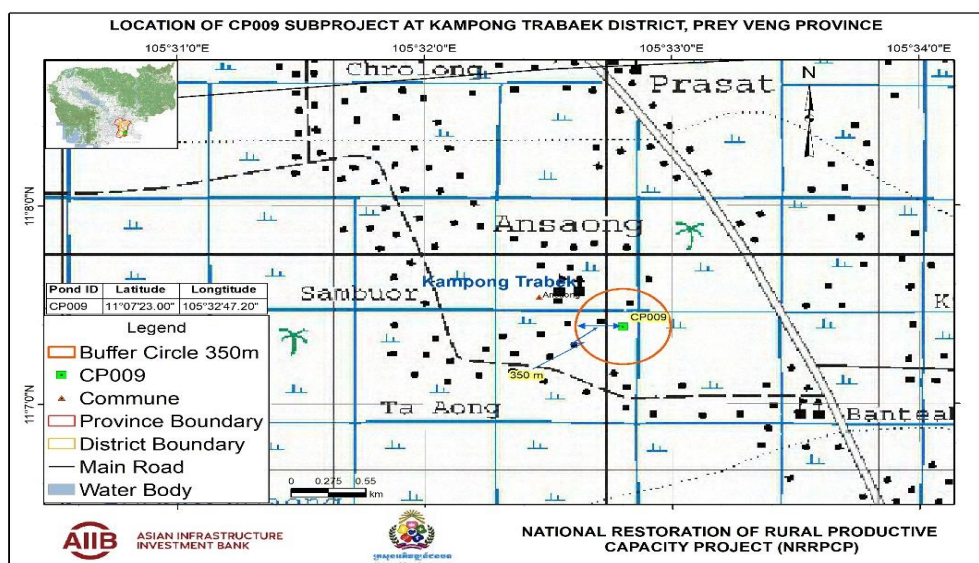


Figure 31: Location site map (PVG - CP009)



121. This pond is located approximately 300 metres from village and water is drained from approximately 39 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 1,27 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 58 by 62 metres and occupies a total surface area of 3,596 m<sup>2</sup>. The rehabilitated pond will have slightly reduced dimensions of 50 by 50 metres and will occupy a total area of 2,500 m<sup>2</sup> with a depth of four metres and a water storage volume of 8,836 m<sup>3</sup>. The existing pond is located on public land within the commune and the local authorities have consented to the upgrading of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>41</sup>

122. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 213 beneficiary households will require about 958 m<sup>3</sup> per month and this can be more

<sup>41</sup> See Annex 2 for the land agreement signed by the Ansaong VDC members, village leader and endorsed by the Ansaong commune chief.

than satisfied during the four to five-month period of the dry season given the pond capacity of 8,836 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 32: Photos of public vacant land (PVG - CP009)**



123. This community pond that will be rehabilitated is located on public land owned by the commune. There will be only minor temporary impacts on the properties and livelihoods of local residents during the civil work. The commune and the local authorities have consented to the construction of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>42</sup>

#### **b. Subproject design and land requirements**

124. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>43</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will be an unlined earth pond but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

125. **Vegetation:** The existing pond is surrounded by arable land on all sides and there some shrubs growing around the pond but these will not be impacted during the civil work since the pond dimensions will be reduced. There are some shrubs growing within the pond that will need be removed but there are of on economic value. Traditionally land is ploughed, and crops planted at the beginning of the wet season in May or June and harvesting at beginning of dry season usually in late October or early November. The remainder of the year the fields are left fallow.

126. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

127. **Land use/agriculture:** The land surrounding the site is arable and consists primarily of rice fields as well as some residential plots of land with home gardens.

128. **Receptors and Access:** The site is situated about 1,200 meters from the district Road that will provide a good access route for construction vehicles. The community pond is located about 300 meters from the village centre. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

129. There are 240 households in Ansaong village with an estimated population of 1,058 and there are reported to be 19.5 % vulnerable households.<sup>44</sup>

- The proportion of the households in the better off category is 6% and the proportion of ID Poor 1 and 2 is 11% and 9 % percent respectively.
- The educational standard is very good with only 3% of the households being recorded as illiterate;

<sup>42</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by commune chief.

<sup>43</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>44</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

- The main occupation is farming (88%) followed by working in the employees (6.6%). The farmers grow mainly rice as well as some cash crops and 15% of the households reported having members who are migrant workers;
- From commune social and economic data, it shows that the external migration rate for Ansaong village is around 5%.
- The estimated number of households with a latrine is 74%;
- The main water source for all households during the dry season is dug wells as well as river water and very few have access to pond water.

#### **e. Reconnaissance visits and public consultation meeting**

130. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 to meet with village chief in Ansaong village and Ansaong commune chief and councillors to discuss the proposal to construct the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 21<sup>st</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the construction of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities and school principal for the pond to be accessed by all local residents.<sup>45</sup>

#### **f. Land acquisition**

131. Based on the LARSC for this community pond it has been verified that there is no requirement of any additional land since the rehabilitated pond will occupy a smaller area. The following conclusions have been drawn:

- It has been confirmed by the commune chief, chief and councillors that this land is public land, that no persons can claim private ownership of the land and that the commune authorities, the village chief, fully support the planned rehabilitation of the community pond.
- There will be no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

132. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>46</sup>

133. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

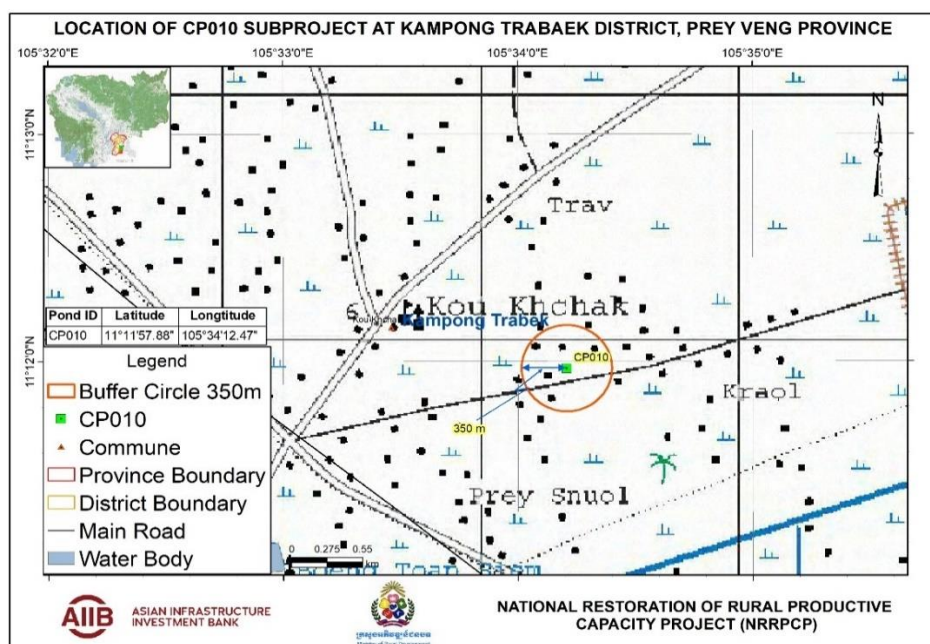
<sup>45</sup> See Annex 8g for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>46</sup> See Annex 7 for the LARSC for all subprojects.



**3.10 KRAOL VILLAGE, Kou Khchak commune (PVG - CP010)****a. Description of existing pond**

134. The subproject comprises of the rehabilitation of an existing pond located in Kraol village, Kou Khchak commune, Kampong Trabaek District, Prey Veng province.

**Figure 33: Satellite image of site (PVG – CP010)****Figure 34: Location site map (PVG – CP010)**

135. This pond is located approximately 100 metres from village and water is drained from approximately 15 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of  $0.75 \text{ m}^3/\text{sec}$  into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 40 by 58 metres and occupies a total surface area of  $2,320 \text{ m}^2$ . The rehabilitated pond will have almost the same dimensions of 44 by 53 metres and will occupy a total area of  $2,332 \text{ m}^2$  with a depth of four metres and a water volume of  $4,800 \text{ m}^3$ . The enlargement of the pond will only require an additional  $12 \text{ m}^2$  of land within the village but this is public land owned by the commune.

136. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 240 beneficiary households will require about  $1,080 \text{ m}^3$  per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of  $4,800 \text{ m}^3$ .

The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 35: Photos of public vacant land (PVG – CP010)**



137. This rehabilitated community pond is on the site of public land of commune. There will be only minor temporary impacts on the properties and livelihoods of local residents during the civil work and the local authorities have consented to the construction of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>47</sup>

#### **b. Subproject design and land requirements**

138. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>48</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

139. **Vegetation:** The existing pond is surrounded by arable land on all sides and there some trees or shrubs growing around the pond but these will not be impacted during the civil work since the pond dimensions will be reduced. There are some shrubs growing within the pond that will need be removed but these are of on economic value.

140. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

141. **Land use/agriculture:** The land surrounding the site is arable and consists primarily of rice fields as well as some residential plots of land with home gardens.

142. **Receptors and Access:** The site is situated about 20 meters from the district road that will provide a clear and appropriate access route for construction vehicles. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

143. There are 386 households in Kraol village with an estimated population of 2,051 and there are reported to be 22.6 % vulnerable households.<sup>49</sup>

- The proportion of the households in the better off category is 5.7% and the proportion of ID Poor 1 and 2 is 11% and 9 % percent respectively.
- The educational standard is very good with only 15% of the households being recorded as illiterate;
- The main occupation is farming (87%) followed by working in the employees (6.6%). The farmers grow mainly rice as well as some cash crops and 15% of the households reported having members who are migrant workers;
- From commune social and economic data, it shows that the external migration rate for Kraol village is around 3.4%.

<sup>47</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by commune chief.

<sup>48</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>49</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

- The estimated number of households with a latrine is 87%;
- The main water source for all households during the dry season is dug wells as well as river water and very few have access to pond water.

**e. Reconnaissance visits and public consultation meeting**

144. There was a reconnaissance visit conducted on 25<sup>th</sup> October 2021 to meet with village chief in Kraol village and Kou Khchak commune chief to discuss the proposal to rehabilitate the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 22<sup>nd</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the construction of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the GRM that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities and school principal for the pond to be accessed by all local residents.<sup>50</sup>

**f. Land acquisition**

145. Based on the LARSC for this community pond it has been verified that there is a need for an additional land of 12 m<sup>2</sup> since the rehabilitated pond will have slightly larger dimensions and occupy in the public land area. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although the pond will have increased dimensions, there will be not result in the loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

146. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>51</sup>

**147. The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>50</sup> See Annex 8h for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>51</sup> See Annex 7 for the LARS checklist for all subprojects.



### 3.11 KOU KRAOK VILLAGE, Kou Khchak commune (PVG - CP011)

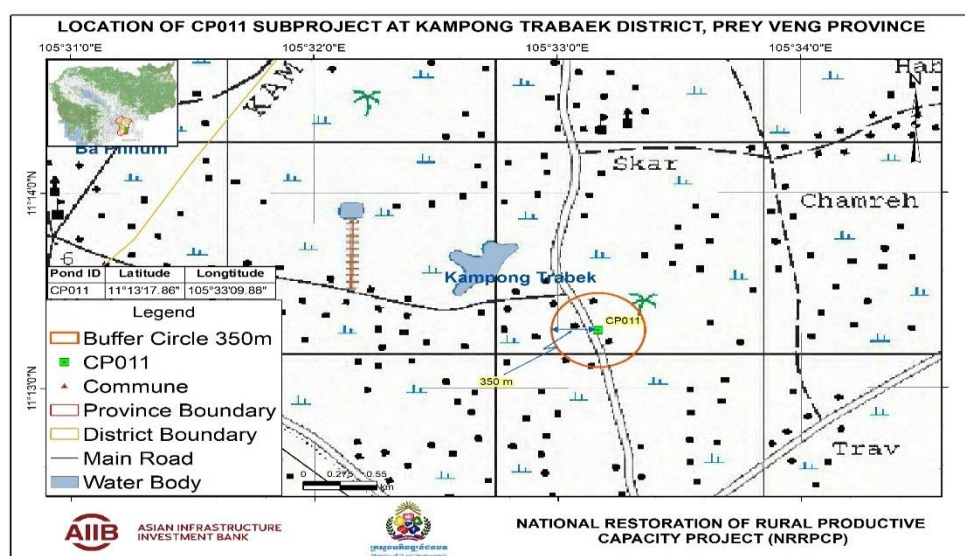
#### a. Description of existing pond

148. The subproject comprises the rehabilitation of an existing pond located in Kou Kraok village, Kou Khchak commune, Kampong Trabaek District, Prey Veng province.

**Figure 36: Satellite image of site (PVG - CP011)**



**Figure 37: Location site map (PVG - CP011)**



149. This pond is located approximately 100 metres from village and water is drained from approximately 10 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.51 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 45 by 52 metres and occupies a total surface area of 2,340 m<sup>2</sup>. The rehabilitated pond will have reduced dimensions of 45 by 45 metres and will occupy a total area of 2,025 m<sup>2</sup> with a depth of four metres and a water storage volume of 4,224 m<sup>3</sup>.

150. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 173 beneficiary households will require about 778 m<sup>3</sup> per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 4,224 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 38: Photos of public vacant land (PVG - CP011)**

151. This community pond that will be rehabilitated is located on public land owned by the commune. There will be only minor temporary impacts on the properties and livelihoods of local residents during the civil work. The local authorities and village chief have consented to the rehabilitation of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>52</sup>

#### **b. Subproject design and land requirements**

152. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>53</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

153. **Vegetation:** The existing pond is surrounded by arable land on all sides and there some trees or shrubs growing around the pond but these will not be impacted during the civil work since the pond dimensions will be reduced. There are some shrubs growing within the pond that will need be removed but there are of on economic value.

154. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

155. **Land use/agriculture:** The land surrounding the site is arable and consists primarily of residential plots of land with home gardens.

156. **Receptors and Access:** The site is situated about 10 meters from the district road that will provide a good access route for construction vehicles. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

157. There are 219 households in Kou Kraok village with an estimated population of 1,335 and there are reported to be 16 % vulnerable households.<sup>54</sup>

- The proportion of the households in the better off category is 47% and the proportion of ID Poor 1 and 2 is 16% and 18 % percent respectively.
- The educational standard is very good with only 8.6% of the households being recorded as illiterate;
- The main occupation is farming (90%) followed by working in the business (5 %). The farmers grow mainly rice as well as some cash crops and 15% of the households reported having members who are migrant workers;
- From commune social and economic data, it shows that the external migration rate for Kraol village is around 12%.
- The estimated number of households with a latrine is 82%;

<sup>52</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by commune chief.

<sup>53</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>54</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.



- The main water source for all households during the dry season is dug wells as well as river water and very few have access to pond water.

**e. Reconnaissance visits and public consultation meeting**

158. There was a reconnaissance visit conducted on 25<sup>th</sup> October 2021 to meet with chief of Kou Kraok village and chief of Kou Khchak commune to discuss the proposal to rehabilitate the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 22<sup>nd</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the construction of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities and school principal for the pond to be accessed by all local residents.<sup>55</sup>

**f. Land acquisition**

159. Based on the LARSC for this community pond it has been verified that there is no need for any additional land since the rehabilitated pond will have smaller dimensions. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- There will be no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

160. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>56</sup>

161. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>55</sup> See Annex 8h for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>56</sup> See Annex 7 for the LARSC for all subprojects.

### 3.12 SKAR VILLAGE, Kou Khchak commune (PVG - CP012)

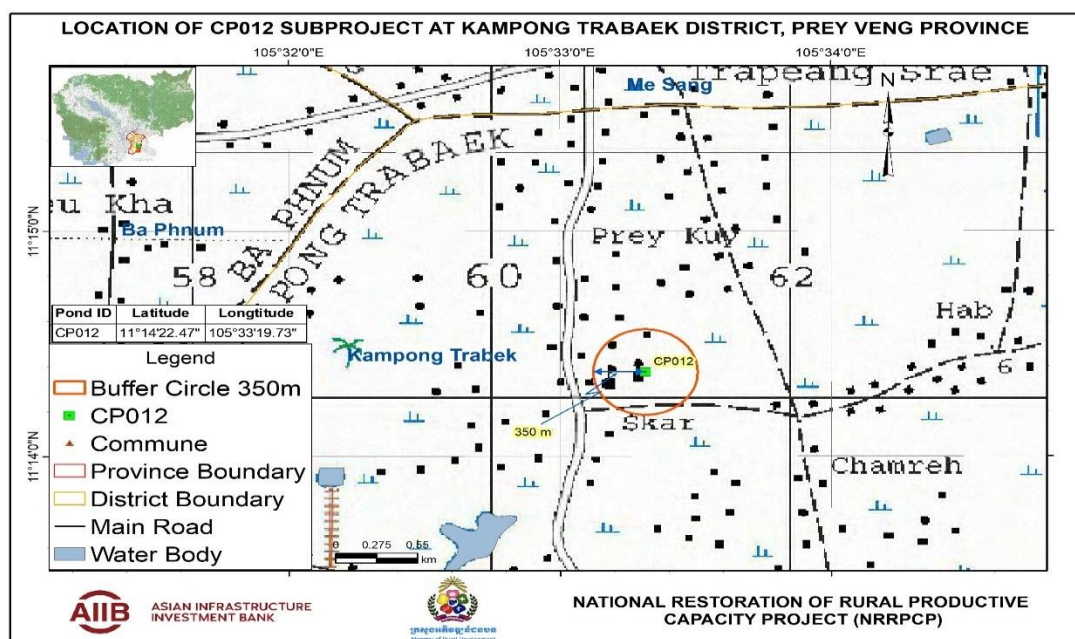
#### a. Description of existing pond

162. The subproject comprises the rehabilitation of an existing earth pond located within Skar village, Kou Khchak commune, Kampong Trabaek District, Prey Veng province.

Figure 39: Satellite image of site (PVG - CP012)



Figure 13: Location site map (PVG - CP012)



163. This pond is located less than 100 metres from the village centre and water is drained from approximately 22 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.86 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 40 by 53 metres and has a total surface area of 2,120 m<sup>2</sup>. The rehabilitated pond will have slightly larger dimensions of 45 by 60 metres and will occupy a total area of 2,700 m<sup>2</sup> with a depth of four metres and a water storage volume of 4,560 m<sup>3</sup>. The enlargement of the pond will require an additional 580 m<sup>2</sup> of land within the village but this is public land owned by the commune.

164. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 173 beneficiary households will require about 778 cubic meters per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 4,560



m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 60 beneficiary households will require about 270 m<sup>3</sup> per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 7,000 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 40: Photos of public vacant land (PVG - CP012)**



165. This rehabilitated community pond is located on public land owned by the commune. There will be only minor temporary impacts on the properties and livelihoods of local residents during the civil work. The local authorities have consented to the rehabilitation of the pond and have signed an agreement to allow all local households to have free access to the water from the pond.<sup>57</sup>

#### **b. Subproject design and land requirements**

166. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>58</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will be an unlined earth pond but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

#### **c. Environmental characteristics**

167. **Vegetation:** The existing pond is surrounded by vacant land on all sides and there some trees or shrubs growing around the pond but these will not be impacted during the civil work since the pond dimensions will be reduced. There are some shrubs growing within the pond that will need be removed but these are of on economic value.

168. **Surface water:** The pond is not located near to any significant water bodies such as permanent rivers or lakes.

169. **Land use/agriculture:** The land surrounding the site is vacant land and consists primarily of residential plots of land/pagoda campus.

170. **Receptors and Access:** The site is situated about 20 meters from the district road that will provide a clear and appropriate access route for construction vehicles. No healthcare facilities or school compounds are located within the immediate vicinity of the community pond site.

#### **d. Social characteristics**

171. There are 219 households in Skar village with an estimated population of 2,017 and there are reported to be 15 % vulnerable households.<sup>59</sup>

- The proportion of the households in the better off category is 50% and the proportion of ID Poor 1 and 2 is 3 % and 12 % percent respectively.
- The educational standard is very good with only 11% of the households being recorded as illiterate;

<sup>57</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by commune chief.

<sup>58</sup> See Annex 3 for layout plan and cross-sectional diagrams of typical community pond.

<sup>59</sup> See Annex 1 for a summary of the socio-economic status of target villages for all 16 community ponds.

- The main occupation is farming (89%) followed by working in the public sector (5%). The farmers grow mainly rice as well as some cash crops and 15% of the households reported having members who are migrant workers;
- From commune social and economic data, it shows that the external migration rate for the village is around 9%.
- The estimated number of households with a latrine is 78 %;
- The main water source for all households during the dry season is dug wells as well as river water and very few have access to pond water.

#### **e. Reconnaissance visits and public consultation meeting**

172. There was a reconnaissance visit conducted on 25<sup>th</sup> October 2021 to meet with chief of Skar village and chief of Kou Khchak commune to discuss the proposal to construct the pond and to seek his/her verbal consent that will benefit the local community. A follow up public consultation meeting was conducted on 22<sup>nd</sup> December 2021 with the village leader and commune chief and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting an agreement was signed with the local authorities and school principal for the pond to be accessed by all local residents.<sup>60</sup>

#### **f. Land acquisition**

173. Based on the LARSC for this community pond it has been verified that there is no need for any additional land since the rehabilitated pond will have smaller dimensions. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land, that no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- There will be not result in the loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

174. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>61</sup>

175. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>60</sup> See Annex 8h for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>61</sup> See Annex 7 for the LARSC checklist for all subprojects.



### 3.13 CHH'OENG CHUMNIR VILLAGE, Kanhchriech commune (PVG - CP013)

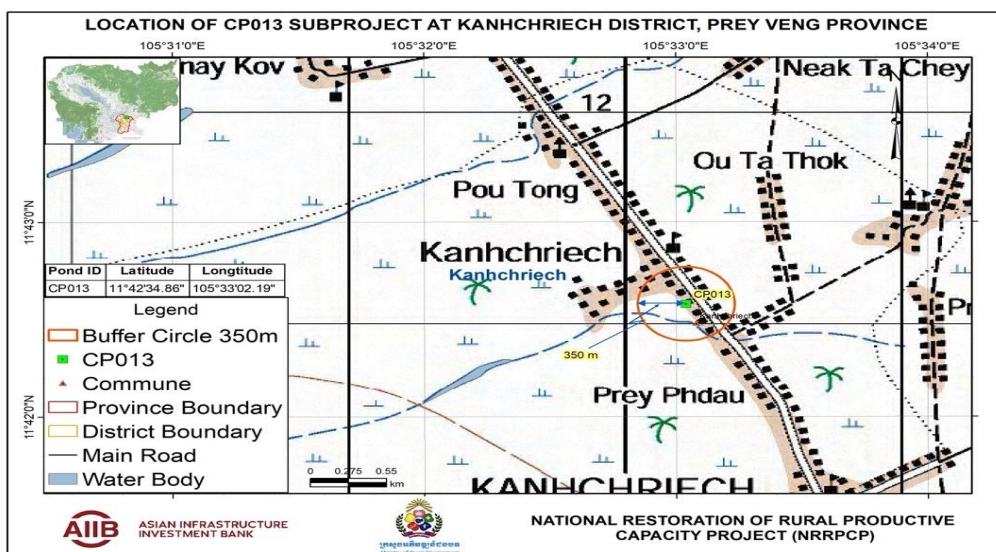
#### a. Description of existing pond

176. The subproject comprises the rehabilitation of an existing earth pond that is located in Chh'oeng Chumnir village, Kanhchriech commune, Kanhchriech district, Prey Veng province.

Figure 41: Satellite image of site (PVG - CP013)



Figure 42: Location site map (PVG - CP013)



177. This pond is located close to the village centre and water is drained from approximately 12 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.75 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 16 by 37 metres and occupies a total surface area of 592 m<sup>2</sup>. The rehabilitated pond will have increased dimensions of 42 by 42 metres and will occupy a total area of 1,344 m<sup>2</sup> with a depth of four metres and a water volume of 2,880 m<sup>3</sup>. The enlargement of the pond will require an additional 752 m<sup>2</sup> of land within the village but this is public land owned by the commune.

178. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 200 beneficiary households will require about 900 cubic meters per month, and this can be satisfied during the four to five-month period of dry season given the pond capacity of 2,880 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 43: Photos of existing pond (PVG - CP013)****a. Subproject design and land requirements**

179. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>62</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

180. The land has been confirmed as being common property and is owned by the commune and the commune chief has confirmed the agreement of the local authority witnessed by the village development committee members for the utilization of the land for the construction of the community pond.<sup>63</sup>

**b. Environmental characteristics**

181. **Vegetation:** there are some trees and shrubs growing around the pond that will need to be removed but they are of on economic value.

182. **Surface water:** The community pond is not located near to any significant water bodies such as permanent rivers or lakes.

183. **Land use/agriculture:** The land on two sides of the pond is all arable and consist primarily of rice paddies but these will not be impacted by the construction of the community pond.

184. **Receptors and Access:** The community pond is located about 200 meters from the village residential area and is located near by the commune office.

**c. Social characteristics**

185. There are 149 households in the village of Chh'oeng Chumnir with an estimated population of 668 and there are reported to be 23.3% vulnerable households.

- The proportion of the households in the Better off category is 55 percent and the proportion of ID Poor 1 and 2 is 12% and 14.7 respectively while 18.3 percent is categorized as Medium.
- The educational standard is good with only 10% of the households reported to be illiterate;
- The main occupation is farming (67.6) followed by public sector (29.3%). The farmers grow mainly rice as well as some cash crops. There were 3.39% that reported having migrant workers.
- From commune social and economic data, it shows that the external migration rate for the village is around 3.4%.
- The estimated number of households with a latrine is 64 percent.
- The main water source during the dry season for these households is pumped water.
- All households reported having access to potable drinking water and the main source of water for drinking is pumped water.

**d. Reconnaissance visits and public consultation meeting**

<sup>62</sup> See Annex 5 for layout plan and cross sectional diagrams of typical community pond.

<sup>63</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by chief of commune.

186. There was a reconnaissance visit conducted on 27<sup>th</sup> October 2021 in Chh'oeng Chumnir village with the village chief to discuss the proposal to rehabilitate the pond and to seek his opinion. He consented to the proposal since it would be of benefit to the local community. A following up public consultation meeting was conducted on 23<sup>rd</sup> December 2021 with the village leader and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting a voluntary agreement was signed with the landowner for the rehabilitation of the pond and for granting access freely to all local residents.<sup>64</sup>

#### **e. Land acquisition**

187. Based on the LARSC for this community pond it has been verified that there is a requirement for additional land since the rehabilitated pond will have larger dimensions. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land available, and no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- There will be not result in the loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

188. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>65</sup>

189. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>64</sup> See Annex 8i for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>65</sup> See Annex 7 for the LARSC for all subprojects.



### 3.14 PREY TOTUENG VILLAGE, Prey Tueng commune (PVG - CP014)

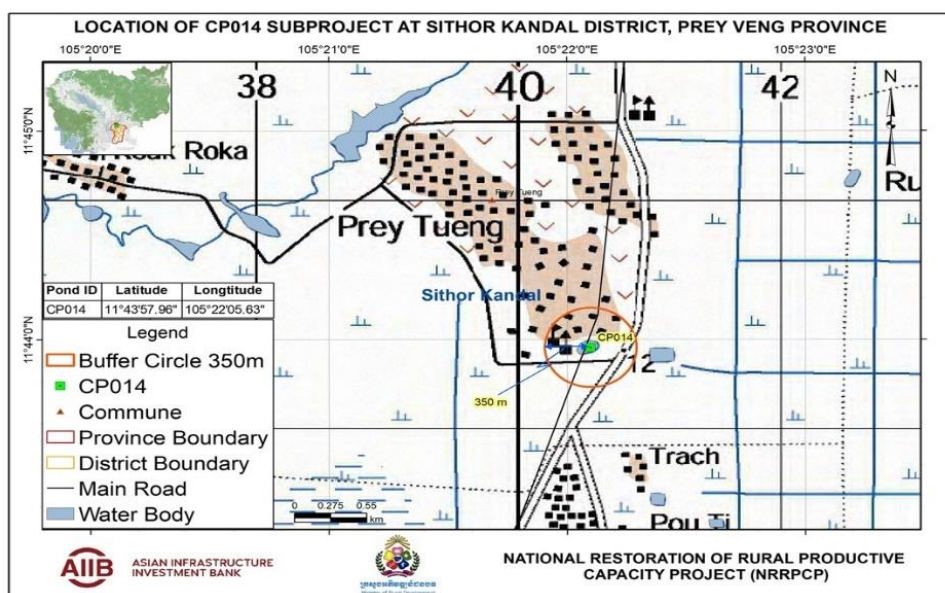
#### a. Description of existing community pond

190. The subproject comprises the rehabilitation of an existing pond that is degraded through erosion of the banks, siltation, and dense weed growth and is located in front of the pagoda in Prey Tueng village, Prey Tueng commune that is in Prey Tueng district in Prey Veng province.

Figure 44: Satellite image of site (PVG - CP014)



Figure 45: Location site map (PVG - CP014)



191. This pond is located approximately 100 metres from village and water is drained from approximately 12 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of  $0.75 \text{ m}^3/\text{sec}$  into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 75 by 109 metres and has a total surface area of  $8,175 \text{ m}^2$ . The rehabilitated pond will have increased dimensions of 80 by 111 metres and will occupy a total area of  $8,880 \text{ m}^2$  with a depth of four metres and a water volume of  $22,816 \text{ m}^3$ . The enlargement of the pond will require an additional  $705 \text{ m}^2$  of land within the village but this is public land owned by the commune.

192. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 200 beneficiary households will require about 900 cubic meters per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of  $22,816 \text{ m}^3$ . The remaining water in the pond reservoir can be used for other purposes, including irrigation of home



gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

**Figure 46: Photos of existing pond (PVG - CP014)**



#### **f. Subproject design and land requirements**

193. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>66</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of 4.0 meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

194. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 60 beneficiary households will require about 270 m<sup>3</sup> per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 7,000 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.

195. The land has been confirmed as being common property and is owned by the commune and the commune chief has confirmed the agreement of the local authority witnessed by the village development committee members for the utilization of the land for the construction of the community pond.<sup>67</sup>

#### **g. Environmental characteristics**

196. **Vegetation:** there are no trees or shrubs growing around the pond, so there will no need to clear any vegetation during the civil work.

197. **Surface water:** The community pond is not located near to any significant water bodies such as permanent rivers or lakes.

198. **Land use/agriculture:** The land on two sides of the pond is all arable and consist primarily of rice paddies but these will not be impacted by the construction of the community pond.

199. **Receptors and Access:** The community pond is located about 200 meters from the village residential area and is located near by the commune office.

#### **h. Social characteristics**

200. There are 407 households in the village of Prey Totueng with an estimated population of 1,961 and there are reported to be 7.2% vulnerable households.

- The proportion of the households in the Better off category is 68.2 percent and the proportion of ID Poor 1 and 2 is 2.7 percent and 18.2 percent respectively, while 10.9 percent is categorized as Medium..<sup>68</sup>
- The educational standard is good with only 11 percent of the households reported to be illiterate;
- The main occupation is farming (92.8%) where the rest work in public sector (5.16%) and as private employee (2.06%). The farmers grow mainly rice as well as some cash crops. There were 9.3% that reported having migrant workers.

<sup>66</sup> See Annex 3 for layout plan and cross sectional diagrams of typical community pond.

<sup>67</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by chief of commune.

<sup>68</sup> See Annex 1 for a summary of the socio-economic status of target villages for all three community ponds.

- From commune social and economic data, it shows that the external migration rate for the village is around 3.4%..
- The estimated number of households with a latrine is 81 percent.
- The main water source during the dry season for these households is pumped water.
- All households reported having access to potable drinking water and the main source of water for drinking is pumped water.

#### **i. Reconnaissance visits and public consultation meeting**

201. There was a reconnaissance visit conducted on 27<sup>th</sup> October 2021 in Prey Totueng village with the village chief to discuss the proposal to rehabilitate the pond and to seek his opinion. He consented to the proposal since it would be of benefit to the local community. A following up public consultation meeting was conducted on 24<sup>th</sup> December 2021 with the village leader and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting a voluntary agreement was signed with the landowner for the rehabilitation of the pond and for granting access freely to all local residents.<sup>69</sup>

#### **j. Land acquisition**

202. Based on the LARSC for this community pond it has been verified that there is a requirement for additional land since the rehabilitated pond will have larger dimensions. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land available, and no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although there is an increase of land area, there will be no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

203. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>70</sup>

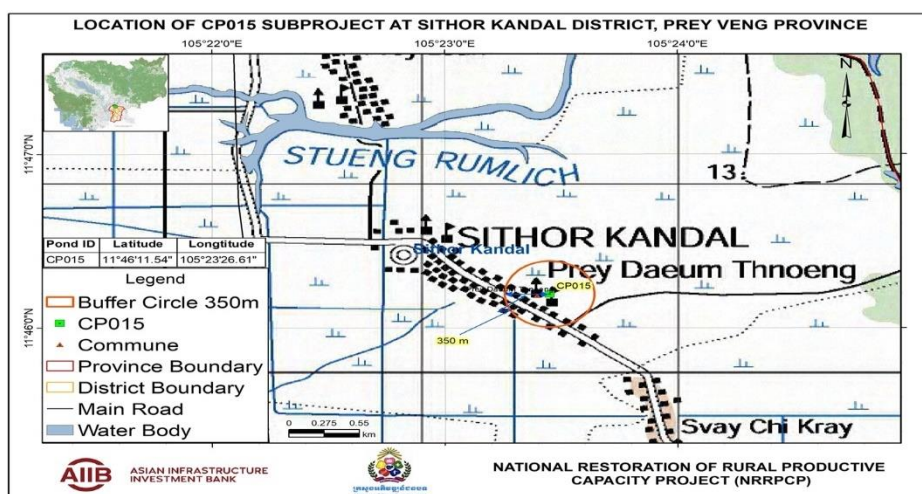
204. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>69</sup> See Annex 8j for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>70</sup> See Annex 7 for the LARSC for all subprojects.

**3.15 PREY DAEUM THNOENG BEI VILLAGE, Prey Daeum Thnoeng commune (PVG - CP015)****a. Description of existing pond**

205. The subproject comprises the rehabilitation of an existing pond that is degraded through erosion of the banks, siltation and dense weed growth and is located in the pagoda compound within Prey Daeum Thnoeng Bei Village, Prey Daeum Thnoeng commune, Sithor Kandal district in PVG province.

**Figure 47: Satellite image of site (PVG - CP015)****Figure 48: Location site map (PVG - CP015)**

206. This pond is located behind the pagoda compound and water is drained from approximately 12 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of  $0.75 \text{ m}^3/\text{sec}$  into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 45 by 46 metres and has a total surface area of  $2,070 \text{ m}^2$ . The rehabilitated pond will have increased dimensions of 50 by 64 metres and will occupy a total area of  $3,200 \text{ m}^2$  with a depth of four metres and a water volume of  $5,994 \text{ m}^3$ . The enlargement of the pond will require an additional  $1,130 \text{ m}^2$  of land within the village but this is public land owned by the commune.

207. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 100 beneficiary households will require about 450 cubic meters per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of  $5,994 \text{ m}^3$ . The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.



Figure 49: Photos of existing pond (PVG - CP015)



#### k. Subproject design and land requirements

208. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>71</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of 4.0 meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

209. The land has been confirmed as being common property and is owned by the commune and the commune chief has confirmed the agreement of the local authority witnessed by the village development committee members for the utilization of the land for the construction of the community pond.<sup>72</sup>

#### l. Environmental characteristics

210. **Vegetation:** There are some trees and shrubs growing around the pond that will need to be removed during the civil work but these are of on economic value.

211. **Surface water:** The community pond is not located near to any significant water bodies such as permanent rivers or lakes.

212. **Land use/agriculture:** The land on two sides of the pond is all arable and consist primarily of rice paddies but these will not be impacted by the construction of the community pond.

213. **Receptors and Access:** The community pond is located about 300 meters from the village residential area and is behind the pagoda.

#### m. Social characteristics

214. There are 251 households in the village of Prey Daeum Thnoeng Bei with an estimated population of 1,117 and there are reported to be 17 % vulnerable households.

- The proportion of the households in the Better off category is only 4.0 percent and the proportion of ID Poor 1 and 2 is 6.1 percent and 4.8 percent, while the majority as Medium is 85.2 percent.
- The educational standard is good with only 20% of the households reported to be illiterate;
- The main occupation is farming (81.5%), following by 8.1% of people involve business occupation. The farmers grow mainly rice as well as some cash crops. There were 10.6% that reported having migrant workers.
- . From commune social and economic data, it shows that the external migration rate for the village is around 10.6%.
- The estimated number of households with a latrine is 90 percent.
- The main water source during the dry season for these households is pumped water.
- All households reported having access to potable drinking water and the main source of water for drinking is pumped water.

<sup>71</sup> See Annex 5 for layout plan and cross-sectional diagrams of typical community pond.

<sup>72</sup> See Annex 2 for the land agreement signed by chief of village and endorsed by chief of commune.

**n. Reconnaissance visits and public consultation meeting**

215. There was a reconnaissance visit conducted on 27<sup>th</sup> October 2021 in Prey Totueng village with the village chief to discuss the proposal to rehabilitate the pond and to seek his opinion. He consented to the proposal since it would be of benefit to the local community. A following up public consultation meeting was conducted on 23<sup>rd</sup> December 2021 with the village leader and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting a voluntary agreement was signed with the landowner for the rehabilitation of the pond and for granting access freely to all local residents.<sup>73</sup>

**o. Land acquisition**

216. Based on the LARSC for this community pond it has been verified that there is a requirement for additional land since the rehabilitated pond will have larger dimensions. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land available, and no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although there is an increase of land area, there will be no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

217. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>74</sup>

218. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

<sup>73</sup> See Annex 8k for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>74</sup> See Annex 7 for the LARSC for all subprojects.

### 3.16 CHAMKAR KUOY LECH VILLAGE, Damrei Puon commune (PVG - CP016)

**a. Description of existing community pond**

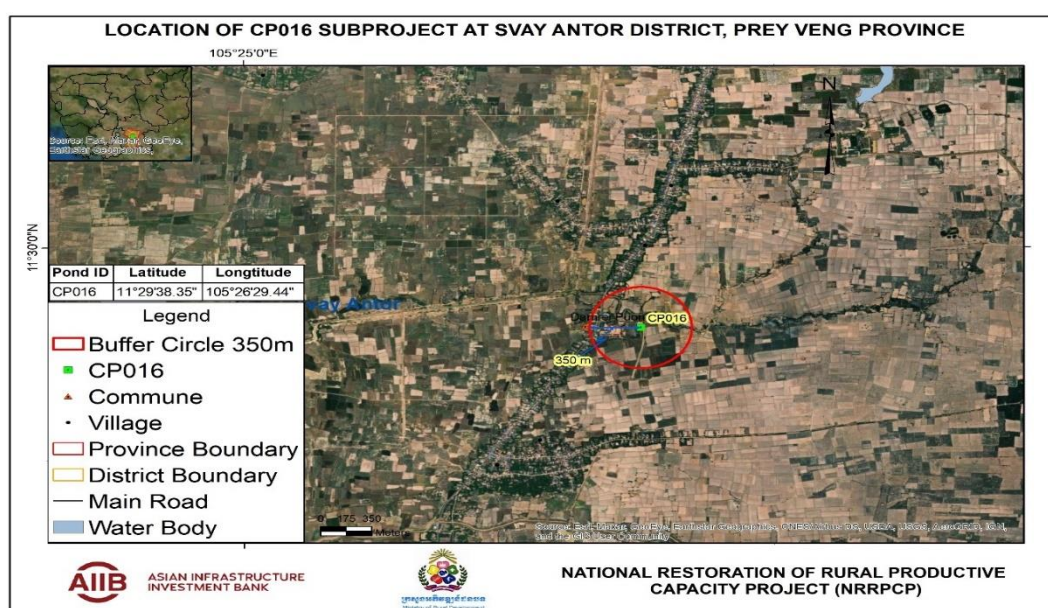
219. This subproject comprises the rehabilitation of an existing pond that is located in Chamkar Kuoy Lech village of Domrei Puon commune of Svay Antor district, PVG province.

**Figure 50: Satellite image of site**



Note: Area demarcated with red circle represents 350-meter distance from the pond.

**Figure 51: Location site map**



220. This pond is located just over 100 metres from village and water is drained from approximately 10 hectares of catchment area upstream and as well as the surrounding catchments, flowing with estimated discharge rate of 0.43 m<sup>3</sup>/sec into the pond and filling it during the wet season through an inlet pipe culvert with diameter of 0.6 m. The existing pond has overall external dimensions of 31 by 33 metres and has a total surface area of 1,023 m<sup>2</sup>. The rehabilitated pond will have increased dimensions of 30 by 80 metres and will occupy a total area of 2,400 m<sup>2</sup> with a depth of four metres and a water storage volume of 5,600 m<sup>3</sup>. The enlargement of the pond will require an additional 1,377 m<sup>2</sup> of land within the village but this is public land owned by the commune.

221. Assuming each family has an average quota of up to 4.5 cubic meters per month per household for domestic, the estimated 150 beneficiary households will require about 675 cubic meters per month, and this can be more than satisfied during the four to five-month period of dry season given the pond capacity of 5,600 m<sup>3</sup>. The remaining water in the pond reservoir can be used for other purposes, including irrigation of home gardens and livestock raising. The community pond will provide a supplementary water source within the village for general use but will not be suitable for use as drinking water without boiling and/or filtering.



Figure 52: Photos of existing pond



#### b. Subproject design and land requirements

222. The community pond will be constructed following the MRD standard design for ordinary community ponds.<sup>75</sup> The slope is fixed at 1:1.5 and the embankments will be constructed with a base width of four meters and a top width of one meter. This will remain as an earth pond, but the pond embankments will be stabilised through the use of nature-based solutions and indigenous materials.

223. The land has been confirmed as being common property and is owned by the commune and the commune chief has confirmed the agreement of the local authority witnessed by the village development committee members for the utilization of the land for the construction of the community pond.<sup>76</sup>

#### c. Environmental characteristics

224. **Vegetation:** There are some small trees or shrubs growing around the pond that will need to be removed during the civil work but they are of no economic value.

225. **Surface water:** The community pond is not located near to any significant water bodies such as permanent rivers or lakes.

226. **Land use/agriculture:** The land on two sides of the pond is all arable and consist primarily of rice paddies but these will not be impacted by the construction of the community pond.

227. **Receptors and Access:** The community pond is located about 300 meters from the village residential area and is located behind the pagoda compound.

#### d. Social characteristics

228. There are 253 households in the village of Chamkar Kuoy Lech village with an estimated population of 1,107 and there are reported to be 15.8% vulnerable households.

- The proportion of the households in the better off category is 55.1 percent and the proportion of ID Poor 1 and 2 is 11.9 percent and 14.7 percent respectively<sup>77</sup>.
- The educational standard is good with 10% of the households reported to be illiterate;
- The main occupation is farming (61%) followed by employment as labourers (32.7%). The farmers grow mainly rice as well as some cash crops. There were 3.1% that reported having migrant workers.
- From commune social and economic data, it shows that the external migration rate for the village is around 3.1%
- The estimated number of households with a latrine is 79 percent.
- The main water source during the dry season for these households is pumped water.
- All households reported having access to potable drinking water and the main source of water for drinking is pumped water.

#### e. Reconnaissance visit and public consultation meeting

229. There was a reconnaissance visit conducted on 26<sup>th</sup> October 2021 in Chamkar Kuoy Lech village with the high school principal to discuss the proposal to rehabilitate the pond and to seek his opinion. He consented to the proposal since it would be of benefit to the local community. A following up public consultation meeting

<sup>75</sup> See Annex 3 for layout plan and cross sectional diagrams of typical community pond.

<sup>76</sup> See Annex 2 for certificate of confirmation of the land ownership by donor and the commune.

<sup>77</sup> See Annex 1 for a summary of the socio-economic status of target villages for all three community ponds.

was conducted on 22<sup>nd</sup> December 2021 with the village leader and a selection of local residents who will benefit from the rehabilitation of the community pond. During this meeting there was more detailed information provided on the detailed design of the proposed subproject and there was also an explanation provided of the Grievance Redress Mechanism (GRM) that has been established for this subproject. At the conclusion of this meeting a voluntary agreement was signed with the landowner for the rehabilitation of the pond and for granting access freely to all local residents.<sup>78</sup>

**f. Land acquisition**

230. Based on the LARSC for this community pond it has been verified that there is a requirement for additional land since the rehabilitated pond will have larger dimensions. The following conclusions have been drawn:

- It has been confirmed by the commune chief that this land is public land available, and no persons can claim private ownership of the land and that the commune authorities and the village chief fully support the planned rehabilitation of the community pond.
- Although there is an increase of land area, there will be no loss of any agricultural land, crops, trees or other productive assets and no loss of income source or means of livelihood.
- There will be no loss of access to natural resources, the land use will not be impacted and there will be no restriction on access to the community pond by all local residents.
- There are also no PAPs since there will be no displacement of any person as a result of the construction of the community pond.

231. Thus, in context of the ESMPF requirement for land acquisition and resettlement impact screening the subproject is fully compliant and there will only be some minor impacts on any households and thus no requirement for the preparation of a Resettlement Plan (RP).<sup>79</sup>

232. **The E&S categorisation for this community pond will be Category B due to minor disturbances during the civil works only.**

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<sup>78</sup> See Annex 8I for the descriptions of the public consultation meetings, attendance list and photographs.

<sup>79</sup> See Annex 7 for the LARSC for all subprojects.

#### 4. CROSS CUTTING ISSUES

233. The following considerations are common to all of the 16 community ponds under this Batch in PVG province.

##### 4.1 Migration

234. The baseline survey that was conducted in early 2022 within 26 selected target villages in PVG province showed that around 40% of the households had been impacted by the loss of income from returning migrants who had lost their employment. Although the pandemic has been receding within Cambodia the recovery of loss employment opportunities has been slower than expected and the resumption of migratory work has been delayed. This is having continuing impacts on the livelihoods of the rural communities that in recent years have come to rely increasingly on the income that has been generated by economic migration in search of better work and income opportunities.

##### 4.2 CoVID-19 impacts

235. The baseline survey conducted in PVG province recorded that 80% of households had experienced a decrease in incomes with the main impact being caused by the reduced demand for goods and services with fewer buyers for their products as well as the impact of the closure of public markets and other selling places where they normally sold for their products.

236. To prevent further transmission of CoVID-19, WASH awareness raising has been conducted in each village and increasing numbers of households now have basic handwashing facilities with soap and water at home. Awareness of the importance of washing hands with soap has increased since the CoVID-19 pandemic and ownership of handwashing facilities with the presence of water and soap is crucial for handwashing practice.

##### 4.3 Gender and Decision making

237. Although Cambodian society is not matriarchal the women in rural households play a critical role in decision making particularly in relation to the family finances. They are actively engaged in the production of agricultural products but tend to specialise in activities such as small-scale backyard livestock production as well as basic processing of the products before sale. They also play a key role in the sale and marketing of products in local markets. They are well empowered in the decision-making processes within the household particularly related to expenditure. Lack of basic water, sanitation and hygiene services creates a burden for HHs, and this falls disproportionately on women as they are mostly responsible for meeting the demand of household members for these services.

##### 4.4 Indigenous Peoples

238. There are no Indigenous People (IPs) or ethnic minorities residing in any of the villages where the community ponds will be constructed. In fact there are no IPs reported to be residing in any part of PVG province.

#### 5. ENVIRONMENTAL AND SOCIAL IMPACTS AND MITIGATION MEASURES

##### 5.1 Rapid Environmental and Social Screening Assessment

239. A Rapid Environment and Social Screening Assessment (RESA) and Environmental and Social Impact Analysis (ESIA) has been completed for all subprojects.<sup>80</sup> The screening checklist has confirmed a limited number of impacts will arise as a result of the civil work. The most important of these are (i) localized dust from clearing grass and removing soil from the community pond site; (ii) noise from hauling of the construction materials during construction; (iii) health and safety risks for construction workers when using construction materials; and (iv) public health and safety including managing risk and prevention of CoVID-19 during construction; (v) generation of solid waste, such as used containers and waste from workers; and (vi) additional traffic during civil work construction.

240. These impacts are all considered minor because of the relatively small scope of the civil work and the short-term duration of the construction. The community ponds are all located in areas of low population density and they are not directly adjacent to sensitive receptors such as health centres, pagodas, commune offices, mosques, markets and schools. The minor impacts can be adequately managed through the application of good construction practices and an effective GRM.

241. The Environmental and Social Code of Practice (ESCoP) including the risk and prevention of CoVID-19, Health and Safety Plan has been developed to cover these impacts and to advise on the prevention of any

<sup>80</sup> See Annex 4 for the RESA checklist and Annex 5 for ESIA for all subprojects.



unforeseen events. The ESCoP will be included in the bidding and contract documents for the subprojects/lots, to ensuring the awarded contractor understands and be aware of the requirements before a bid is submitted.

242. The PMU/Environment and Social Management Unit (ESMU) together with Environmental and Social Specialists will undertake site visits to ensure compliance with the ESCoP and any complaints will be followed up and where necessary the GRM will be used to address Project related environmental or social issues.

### 1.3 Climate Risk Screening

243. A Climate Screening Risk Assessment (CSRA) has been completed for these community pond subprojects. In Cambodia, seasonal variability in rainfall patterns is expected to increase, resulting in more intense rainfall during the wet season and the possibility of more severe droughts during the dry season.<sup>81</sup>

244. Given the timescale for significant climate change, it will not have any significant impact on the subprojects, but it is recommended that all construction should commence before the onset of the rainy season. The only risks foreseen are the risk of increased flash flooding that may occur as a result of increased and higher intensity rainfall during the wet season. This has been addressed in the DED by the elevation and improved stabilisation of the pond embankments.

### 1.4 Environmental and Social Categorization

245. These community pond subprojects have all been placed under Category B for environment and social impacts. There will be minor temporary environmental impacts during the civil work, there is no land acquisition and there are no identified negative social impacts and the Project ESCoP will be applied.<sup>82</sup> This document describes the mitigation procedures for all perceived potential impacts of the construction of these community ponds and will be appended to the contract that is awarded and must be adhered to by the contractor. The contractor will be required to prepare a Contractor's Environmental and Social Management Plan (CESMP) and submit monthly reports to the PIU on the level of compliance.

## 6. GRIEVANCE REDRESS MECHANISM

246. The Project has developed a GRM that enables concerns to be promptly resolved, using an understandable process that is culturally appropriate and readily accessible at no cost to all PAPs. A grievance can be submitted if any PAP(s) believe(s) the subproject is having a detrimental impact on them as a result of land acquisition impacts. For the interests of all parties concerned, the GRM is designed with the objective of solving disputes in the shortest time possible. There are four steps within the GRM corresponding to commune/village, district, provincial and national levels. The GRM is explained to the local authorities and community members during the public consultation meetings and is included in the PIB for each subproject including the contact details for each level.

The steps described are summarised below:

- a) **Level 1:** The first level of complaint resolution, following the traditional methods in Cambodia, involved problem solving at the village/commune level at which a solution can be sought amicably on the spot without the need for lodging a formal complaint. A PAP will present their complaints and grievances verbally or in writing to the village chief and/or commune chief. The receiving agent will be obliged to provide immediate written confirmation of receiving the complaint. If after 15 days the aggrieved PAP does not hear from the village and commune chief or if he/she is not satisfied with the decision taken in the first stage, the complaint may be brought to the District Governor's Office.
- b) **Level 2:** In cases where grievances cannot be resolved through problem solving at the commune/village level, complaints/grievances can be filed with the District Governor's office at the second level. The District Governor's Office will record the grievance and offer a solution within 15 days to resolve the complaint to the satisfaction of all concerned. If the complaint cannot be solved at this stage, the District Office will bring the case to the Provincial Resettlement Sub-Committee (PRSC).
- c) **Level 3:** The PRSC meets with the aggrieved party and tries to resolve the situation. The Committee may ask for a review of the DMS by the provincial Department of Land Management, Urban Planning, Construction and Cadastral (DLMUPCC). Within 30 days of the submission of the grievance, the PRSC must make a written decision and submit copies to the MRD/PMU and the PAP(s).
- d) **Level 4:** If the aggrieved PAP does not hear from the PRSC or is not satisfied, s/he can bring the case to Provincial Court. This is the final stage for adjudicating complaints. The Court will make a written decision and submit copies to the MRD/PMU, PDRD and the PAPs. If any party is still unsatisfied with the Provincial Court judgment, he or she can bring the case to a higher-level court.

<sup>81</sup> See Annex 6 for Preliminary Climate Risk Screening Checklist for all subprojects.

<sup>82</sup> See Annex 10 for the Environmental and Social Code of Practice and Annex 11 for Environmental and Social Monitoring Plan.

247. The PRSC comprises of representatives from the relevant provincial authorities and MEF as follows:

- Chair: Provincial Governor, or person appointed by the Provincial Governor
- Vice Chair: Director of Provincial Department of Rural Development
- Member: Director of Provincial Department of MEF
- Member: Chief of Provincial Office of Law and Public Security
- Member: District Governor
- Member: Commune councillors
- Member: One Representative of Local Based Civil Society Organization

248. There are no fees or charges levied on the PAP for the lodgement and processing of the complaints under the 1<sup>st</sup> to 3<sup>rd</sup> levels. However, as provided for in the Expropriation Law, the aggrieved PAP can file a lawsuit at the Provincial/Municipal Courts, as applicable, to seek a resolution. Such actions will be at the cost of the PAP. At this stage, there is no involvement of the General Department of Resettlement (GDR) or IRC-WG unless there is a judicial order from the competent courts.

## 7. ANALYSIS OF ALTERNATIVES

### 7.1 Summary of all mitigation actions

249. Following the DED as well as the Col that was agreed to during the public consultations and the demarcation, it has been found that the proposed community pond subprojects will have some minor temporary impacts during the construction. The confirmed findings for these community pond subprojects are as follows:

- a. Meaningful public consultation meetings have been completed with the local authorities in each village with village leaders and the residents who will benefit from the community pond rehabilitation/construction.
- b. The local commune authorities have confirmed that the site is commune owned and they have consented to the rehabilitation/construction of the community pond.
- c. For the rehabilitation of existing community ponds all except two (CP009 & CP011) will require additional land but it has been established and agreed with the respective commune authorities that the extra land requirements will not impact on any agricultural production or result in the loss of other assets and there will be no negative impacts of the livelihoods of any households.
- d. For the three new community ponds (CP003, CP004 and CP007) there has also been an agreement with the commune authorities/army camp authorities/school principals that the pond sites are all located on public land within the commune.
- e. The contractor will not use any other land outside of the agreed Col but will use the existing access roads to the community pond sites.
- f. All residents of these villages will benefit directly from the proposed community pond rehabilitation.
- g. There were no impacts identified on vulnerable households and ID Poor households.
- h. There has been no coercion of any households by the design team and this has been verified by the village leaders.
- i. During the field visits and the public consultations, it was confirmed by the local authorities and consulted people that there are no IPs residing in these communes. These subprojects have all been classified as category B for environment and social safeguards based on the AIIB classification and the approved ESMPF, RPF and IPPF.
- j. The GRM has been established as described above and it has been explained to the beneficiaries/ likely affected persons/households who participated during the public consultations. In addition, the Project Information Booklet (PIB) which includes the GRM information and its steps, was also distributed to local authorities and all participants. A GRM logbook has been prepared and is available at each commune office for complaint registry and responses if any potential problems may occur during the construction.

### 7.2 Comparison with no subprojects scenario

250. The existing community ponds are generally in poor condition with high levels of siltation and consequently reduced storage capacity during the dry season. If there is no action taken to improve these ponds they will continue to deteriorate and will have declining water storage capacity. The rehabilitation/construction of these ponds with appropriate climate risk reduction measures will result in community ponds that are more reliable and with good maintenance and improved management through the Water Supply User Groups (WSUGs) that are established they will bring lasting benefits in the form of reliable water supplied during the dry season to the local residents.

### 7.3 Discussion of benefits to local community to offset against impacts

251. During the public consultation meetings, the residents have been provided with a clear explanation of the scope of the civil work and the possible temporary impacts that may occur during the construction period. They have agreed that these minor and temporary impacts are of little concern to them if the community pond can be upgraded since it will bring good benefits to them through improved water supplies in the dry season. They are all aware of the GRM that has been established and the mechanism through which they can voice their complaints if there any other unexpected impacts on their land or assets or from the civil work.

## 8. CONCLUSIONS AND RECOMMENDATIONS

252. Internal monitoring will be performed regularly during the implementation of the subprojects mainly during the construction period. This monitoring will be performed by the PIU supported by the Supervision Engineers and Safeguards Specialists, who are a part of the Design and Construction Supervision Consultant Team for Community Ponds (SP3). The progress of the civil work will be reported in the Project Quarterly Progress Reports and the annual Safeguard Monitoring Reports that will be prepared by the PMU team. In addition, the annual safeguards monitoring report will include the result of the additional public consultation meeting that will be carried out immediately prior to commencement of the civil work.

253. Measures must be taken to avoid disruption of villager's daily lives. The villagers must be informed in advance when works at specific locations are planned and whether some services or access will be temporarily affected. If any damage to private properties occurs during the construction period, the assets replacement-based compensation will be paid as per the national laws and regulations and AIIB ESP and the project ESMPF. The contractor must support the GRM process and ensure timely and effective resolution of grievances.

254. The awarded contractor will be responsible for reinstating any land that is used to access the subproject site during construction to the original condition and SP3 team will monitor the progress and report through safeguard monitoring reports. The SP3 team must ensure that private land, temporarily used for access to the sites, is properly restored and returned to the owner without any unnecessary delays. The PIU should closely monitor the construction process and shall ensure that if any impact is caused by the contractor during the civil work, this is reinstated by the contractor strictly in line with the entitlement matrix in the approved Project RPF at the full replacement cost. The PIU are responsible for updating the status of safeguard compliance in the semi-annual safeguard monitoring reports and will include all the relevant supporting documents (i.e. receipt of payments of any compensation made by contractor, full consultations conducted etc.,).

255. The PIU should ensure that the subproject does not adversely impact any household during the civil work and will require the contractor to provide alternative access to water in case of temporary restricted access during construction as needed.

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## Annex 1: Summary of socio-economic data

| Villages                  | Population        | Male             | Female          | No. of HH            | Ave HH size   | No. of vulnerable HH (%) | % non-Khmer |
|---------------------------|-------------------|------------------|-----------------|----------------------|---------------|--------------------------|-------------|
| Roung Damrei              | 2,896             | 1,443            | 1,453           | 681                  | 4.25          | 19.5                     | 0           |
| Prey Khlout               | 1,001             | 545              | 456             | 280                  | 3.58          | 13.2                     | 0           |
| Chvang                    | 1,532             | 754              | 778             | 372                  | 4.12          | 13.3                     | 0           |
| Krachab                   | 994               | 482              | 512             | 214                  | 4.64          | 9.15                     | 0           |
| Ponhea Kaeut              | 862               | 442              | 420             | 212                  | 4.07          | 13.0                     | 0           |
| Ansaong                   | 1,058             | 521              | 537             | 240                  | 4.41          | 19.5                     | 0           |
| Kraol                     | 2,051             | 965              | 1,086           | 386                  | 5.31          | 22.6                     | 0           |
| Kou Kraok                 | 1,335             | 660              | 675             | 219                  | 6.10          | 15.8                     | 0           |
| Skar                      | 2,017             | 980              | 1,037           | 219                  | 9.21          | 14.8                     | 0           |
| Chhnoeng Chumnir          | 668               | 301              | 367             | 149                  | 4.48          | 23.3                     | 0           |
| Prey Totueng              | 1,961             | 912              | 1,049           | 407                  | 4.82          | 7.24                     | 0           |
| Prey Daeum Thnoeng Bei    | 1,117             | 494              | 623             | 251                  | 4.45          | 17.0                     | 0           |
| Chamkar Kuoy Lech         | 1,107             | 507              | 600             | 253                  | 4.37          | 15.0                     | 0           |
| <b>Total</b>              | <b>18,599</b>     | <b>9,006</b>     | <b>9,593</b>    | <b>3,883</b>         | <b>4.78</b>   | <b>15.6</b>              | <b>0</b>    |
| <b>Marital status (%)</b> | <b>Couples</b>    | <b>Widows</b>    | <b>Widowers</b> |                      |               |                          |             |
| Roung Damrei              | 67.4              | 30.3             | 2.2             |                      |               |                          |             |
| Prey Khlout               | 66.3              | 29.2             | 4.4             |                      |               |                          |             |
| Chvang                    | 75.0              | 22.7             | 2.2             |                      |               |                          |             |
| Krachab                   | 75.4              | 23.8             | 0.8             |                      |               |                          |             |
| Ponhea Kaeut              | 67.4              | 26.3             | 6.2             |                      |               |                          |             |
| Ansaong                   | 65.3              | 30.2             | 4.4             |                      |               |                          |             |
| Kraol                     | 72.7              | 25.2             | 1.9             |                      |               |                          |             |
| Kou Kraok                 | 81.0              | 16.2             | 2.7             |                      |               |                          |             |
| Skar                      | 64.8              | 33.3             | 1.8             |                      |               |                          |             |
| Chhnoeng Chumnir          | 97.8              | 1.8              | 0.3             |                      |               |                          |             |
| Prey Totueng              | 78.9              | 15.7             | 5.2             |                      |               |                          |             |
| Prey Daeum Thnoeng Bei    | 81.0              | 16.2             | 2.7             |                      |               |                          |             |
| Chamkar Kuoy Lech         | 80.0              | 8                | 12              |                      |               |                          |             |
| <b>Education (%)</b>      | <b>Illiterate</b> | <b>Literate</b>  | <b>Primary</b>  | <b>Secondary</b>     | <b>High</b>   | <b>University</b>        |             |
| Roung Damrei              | 10.0              | 90.0             | 41.8            | 41.5                 | 11.6          | 4.9                      |             |
| Prey Khlout               | 8.0               | 92.0             | 82.5            | 10.2                 | 3.6           | 3.5                      |             |
| Chvang                    | 13.0              | 87.0             | 61.2            | 22.4                 | 12.2          | 4.1                      |             |
| Krachab                   | 5.0               | 95.0             | 56.9            | 24.3                 | 13.2          | 4.8                      |             |
| Ponhea Kaeut              | 3.1               | 96.0             | 66.4            | 27.5                 | 5.1           | 1                        |             |
| Ansaong                   | 3.0               | 97.0             | 56.9            | 25.3                 | 14.8          | 2.8                      |             |
| Kraol                     | 15.0              | 85.0             | 38.7            | 34.4                 | 25.8          | 0.8                      |             |
| Kou Kraok                 | 8.0               | 91.4             | 56.7            | 22.2                 | 19.6          | 1.4                      |             |
| Skar                      | 11.0              | 89.0             | 43.7            | 29.3                 | 21.6          | 5.2                      |             |
| Chhnoeng Chumnir          | 10.0              | 90.0             | 38.8            | 30.0                 | 26.2          | 5                        |             |
| Prey Totueng              | 11.0              | 89.0             | 51.7            | 19.3                 | 25.6          | 3.2                      |             |
| Prey Daeum Thnoeng Bei    | 20.0              | 80.0             | 46.2            | 31.0                 | 18.1          | 3.8                      |             |
| Chamkar Kuoy Lech         | 3.0               | 97.0             | 8.0             | 50                   | 39            | 3                        |             |
| <b>Occupation (%)</b>     | <b>Farming</b>    | <b>Employees</b> | <b>Business</b> | <b>Public sector</b> | <b>Health</b> | <b>Fishing</b>           |             |
| Roung Damrei              | 61.0              | 32.6             | 2.6             | 3.6                  | 0             | 0                        |             |
| Prey Khlout               | 82.9              | 8.3              | 1.0             | 6.5                  | 1.0           | 0                        |             |
| Chvang                    | 92.7              | 2.0              | 0               | 5.1                  | 0             | 0                        |             |
| Krachab                   | 87.9              | 1.0              | 3.2             | 6.5                  | 1.0           | 0                        |             |
| Ponhea Kaeut              | 68.2              | 15.0             | 5.2             | 8.2                  | 3.2           | 0                        |             |
| Ansaong                   | 87.9              | 1.0              | 3.2             | 6.5                  | 1.0           | 0                        |             |
| Kraol                     | 86.9              | 4.3              | 1.0             | 6.5                  | 1.0           | 0                        |             |
| Kou Kraok                 | 90.4              | 1.0              | 5.3             | 3.2                  | 0             | 0                        |             |
| Skar                      | 89.4              | 3.3              | 1.0             | 5.0                  | 1.0           | 0                        |             |
| Chhnoeng Chumnir          | 67.6              | 2.2              | 0               | 29.3                 | 0.7           | 0                        |             |
| Prey Totueng              | 92.7              | 2.0              | 0               | 5.1                  | 0             | 0                        |             |
| Prey Daeum Thnoeng Bei    | 81.5              | 4.4              | 8.1             | 5.0                  | 0.8           | 0                        |             |
| Chamkar Kuoy Lech         | 50.0              | 41.0             | 5.0             | 4.0                  | 0             | 0                        |             |

## Annex 1: Summary of socio-economic data (cont.,)


| Domestic Migration     | % of popn.    | % of men              | % of women | External migration | % of popn. |
|------------------------|---------------|-----------------------|------------|--------------------|------------|
| Roung Damrei           | 14.9          | 1.9                   | 2.9        |                    | 7.8        |
| Prey Khlout            | 10.2          | 0.1                   | 0.1        |                    | 9.1        |
| Chvang                 | 10.9          | 4.0                   | 6.9        |                    | 12.7       |
| Krachab                | 11.2          | 0.5                   | 1.3        |                    | 2.9        |
| Ponhea Kaeut           | 10.3          | 0                     | 0.3        |                    | 5.1        |
| Ansaong                | 14.0          | 1.3                   | 2.6        |                    | 5.5        |
| Kraol                  | 16.5          | 1.9                   | 4.6        |                    | 3.3        |
| Kou Kraok              | 4.9           | 1.9                   | 2.9        |                    | 11.8       |
| Skar                   | 12.5          | 5.3                   | 7.1        |                    | 8.8        |
| Chhnoeng Chumnir       | 6.5           | 1.9                   | 4.6        |                    | 3.3        |
| Prey Totueng           | 8.7           | 8.5                   | 7.6        |                    | 9.3        |
| Prey Daeum Thnoeng Bei | 6.5           | 2.0                   | 4.5        |                    | 10.6       |
| Chamkar Kuoy Lech      | 22.0          | 7.0                   | 15         |                    | 1.0        |
| Water/Sanitation (%)   | Potable water | Boiled/filtered water | Latrine    | No latrine         |            |
| Roung Damrei           | 75            | 15                    | 87         | 13                 |            |
| Prey Khlout            | 85            | 50                    | 83         | 17                 |            |
| Chvang                 | 87            | 5                     | 76         | 24                 |            |
| Krachab                | 90            | 80                    | 69         | 31                 |            |
| Ponhea Kaeut           | 86            | 6                     | 67         | 33                 |            |
| Ansaong                | 89            | 3                     | 74         | 26                 |            |
| Kraol                  | 75            | 15                    | 87         | 13                 |            |
| Kou Kraok              | 90            | 70                    | 82         | 18                 |            |
| Skar                   | 82            | 15                    | 78         | 22                 |            |
| Chhnoeng Chumnir       | 92            | 3                     | 64         | 36                 |            |
| Prey Totueng           | 83            | 84                    | 81         | 19                 |            |
| Prey Daeum Thnoeng Bei | 86            | 6                     | 90         | 10                 |            |
| Chamkar Kuoy Lech      | 90            | 5                     | 100        | 0                  |            |
| Poverty levels (%)     | Very poor     | Poor                  | Medium     | Better off         |            |
| Roung Damrei           | 19.7          | 14.4                  | 26.4       | 39.4               |            |
| Prey Khlout            | 22.4          | 10.2                  | 17.0       | 50.3               |            |
| Chvang                 | 35.2          | 15.9                  | 14.7       | 34.0               |            |
| Krachab                | 7.9           | 3.06                  | 36.8       | 52.1               |            |
| Ponhea Kaeut           | 11.2          | 14.6                  | 18.3       | 55.0               |            |
| Ansaong                | 10.9          | 8.9                   | 74.3       | 5.7                |            |
| Kraol                  | 10.9          | 8.9                   | 74.3       | 5.7                |            |
| Kou Kraok              | 15.9          | 18.1                  | 18.8       | 47.1               |            |
| Skar                   | 3.1           | 12.4                  | 34.3       | 50.0               |            |
| Chhnoeng Chumnir       | 11.9          | 14.6                  | 18.3       | 55.0               |            |
| Prey Totueng           | 2.7           | 18.1                  | 10.9       | 68.1               |            |
| Prey Daeum Thnoeng Bei | 6.0           | 4.7                   | 85.1       | 4.0                |            |
| Chamkar Kuoy Lech      | 3.0           | 11.0                  | 0          | 86.0               |            |


Annex 2: Land agreements

| CP001 - ROUNG SAMREI VILLAGE COMMUNITY POND (1)  | CP002 - ROUNG DAMREI VILLAGE COMMUNITY POND (2)                  |  |  |  |   |                                      |                   |                   |  |   |  |                               |  |   |                                      |                   |                   |
|--|--|--|--|--|---|--------------------------------------|-------------------|-------------------|--|---|--|-------------------------------|--|---|--------------------------------------|-------------------|-------------------|
| <div style="text-align: center;">  <p><b>ព្រះរាជាណាចក្រកម្ពុជា</b><br/>Kingdom of Cambodia<br/>ជាតិ សាសនា ព្រះមហាក្សត្រ<br/>Nation Religion King</p>  </div> <p style="text-align: center;"><b>លិខិតបញ្ជាក់ពីការស្នើសុំសាងសង់ឬស្តារឡើងវិញនូវសមាគមន៍ស្រះសហគមន៍សម្រាប់គម្រោងសាងសង់ស្រះសម្រាប់ប្រជាជន</b><br/>(Letter to certify the proposed construction or restoration of community pond for NRRPCP) - PVG-CP001</p> <p>យើងខ្ញុំជាប្រធានក្រុមប្រឹក្សាភិបាលសង្កាត់ស្រុកស្រែចម្ការដែលបានប្រកាសសាងសង់/ស្តារឡើងវិញនូវស្រះសហគមន៍ដែលមានអាស័យដ្ឋាននៅ We, the chief of commune councilor to deeming certify that, the proposed community pond, is located in:</p> <p>ភូមិ/Village: <u>ស្រែចម្ការ</u> ឃុំ-សង្កាត់/Commune: <u>ស្រែចម្ការ</u> ស្រុក-ក្រុង/District: <u>ស្រែចម្ការ</u> ខេត្ត/Province: <u>ស្រែចម្ការ</u></p> <p>គិតជាទីតាំងសម្រាប់សាងសង់ស្រះសហគមន៍សម្រាប់សាងសង់/ស្តារឡើងវិញនូវស្រះសហគមន៍ដែលមានអាស័យដ្ឋាននៅ vacant land of community for community pond construction or restoration for NRRPCP.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ទំហំទីតាំង<br/>External size of community pond</th> <th>ផ្ទៃដី (ម<sup>២</sup> - ហិកតា)<br/>Land sizes m<sup>2</sup>/hm</th> <th>ចំនួនដើមឈើ<br/>Number of Trees</th> <th>រចនាសម្ព័ន្ធផ្សេងៗ<br/>Other Infrastructure</th> </tr> </thead> <tbody> <tr> <td><u>ទំហំទីតាំង: ០៥៥x១០០</u><br/>External Dimensions</td> <td><u>៥៥x១០០</u><br/>6,500m<sup>2</sup></td> <td><u>៥៥</u><br/>TONE</td> <td><u>៥៥</u><br/>TONE</td> </tr> </tbody> </table> <p>គណកម្មាធិការភូមិវិវឌ្ឍន៍ភូមិទី១/Village development committee No.1: <u>ស្រែចម្ការ</u></p> <p>(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints</p> <p>គណកម្មាធិការភូមិវិវឌ្ឍន៍ភូមិទី២/Village development committee No.2: <u>ស្រែចម្ការ</u></p> <p>(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints</p> <p>គណកម្មាធិការភូមិវិវឌ្ឍន៍ភូមិទី៣/Village development committee No.3: <u>ស្រែចម្ការ</u></p> <p>(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints</p> <p>Date/ថ្ងៃទី ខែ ឆ្នាំ: <u>០១/០១/២០២០</u><br/>បានឃើញ និង អនុម័ត/Seen and Agreed<br/>មេភូមិ Chief of Village</p> <p style="text-align: center;"> <br/>  </p> | ទំហំទីតាំង<br>External size of community pond                    | ផ្ទៃដី (ម <sup>២</sup> - ហិកតា)<br>Land sizes m <sup>2</sup> /hm | ចំនួនដើមឈើ<br>Number of Trees              | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure | <u>ទំហំទីតាំង: ០៥៥x១០០</u><br>External Dimensions | <u>៥៥x១០០</u><br>6,500m <sup>2</sup> | <u>៥៥</u><br>TONE | <u>៥៥</u><br>TONE | <div style="text-align: center;">  <p><b>ព្រះរាជាណាចក្រកម្ពុជា</b><br/>Kingdom of Cambodia<br/>ជាតិ សាសនា ព្រះមហាក្សត្រ<br/>Nation Religion King</p>  </div> <p style="text-align: center;"><b>លិខិតបញ្ជាក់ពីការស្នើសុំសាងសង់ឬស្តារឡើងវិញនូវសមាគមន៍ស្រះសហគមន៍សម្រាប់គម្រោងសាងសង់ស្រះសម្រាប់ប្រជាជន</b><br/>(Letter to certify the proposed construction or restoration of community pond for NRRPCP) - PVG-CP002</p> <p>យើងខ្ញុំជាប្រធានក្រុមប្រឹក្សាភិបាលសង្កាត់ស្រុកស្រែចម្ការដែលបានប្រកាសសាងសង់/ស្តារឡើងវិញនូវស្រះសហគមន៍ដែលមានអាស័យដ្ឋាននៅ We, the chief of commune councilor to deeming certify that, the proposed community pond, is located in:</p> <p>ភូមិ/Village: <u>ស្រែចម្ការ</u> ឃុំ-សង្កាត់/Commune: <u>ស្រែចម្ការ</u> ស្រុក-ក្រុង/District: <u>ស្រែចម្ការ</u> ខេត្ត/Province: <u>ស្រែចម្ការ</u></p> <p>គិតជាទីតាំងសម្រាប់សាងសង់ស្រះសហគមន៍សម្រាប់សាងសង់/ស្តារឡើងវិញនូវស្រះសហគមន៍ដែលមានអាស័យដ្ឋាននៅ vacant land of community for community pond construction or restoration for NRRPCP.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ទំហំទីតាំង<br/>External size of community pond</th> <th>ផ្ទៃដី (ម<sup>២</sup> - ហិកតា)<br/>Land sizes m<sup>2</sup>/hm</th> <th>ចំនួនដើមឈើ<br/>Number of Trees</th> <th>រចនាសម្ព័ន្ធផ្សេងៗ<br/>Other Infrastructure</th> </tr> </thead> <tbody> <tr> <td><u>ទំហំទីតាំង: ០៥៥x១០០</u><br/>External Dimensions</td> <td><u>៥៥x១០០</u><br/>2,756m<sup>2</sup></td> <td><u>៥៥</u><br/>TONE</td> <td><u>៥៥</u><br/>TONE</td> </tr> </tbody> </table> <p>គណកម្មាធិការភូមិវិវឌ្ឍន៍ភូមិទី១/Village development committee No.1: <u>ស្រែចម្ការ</u></p> <p>(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints</p> <p>គណកម្មាធិការភូមិវិវឌ្ឍន៍ភូមិទី២/Village development committee No.2: <u>ស្រែចម្ការ</u></p> <p>(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints</p> <p>គណកម្មាធិការភូមិវិវឌ្ឍន៍ភូមិទី៣/Village development committee No.3: <u>ស្រែចម្ការ</u></p> <p>(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints</p> <p>Date/ថ្ងៃទី ខែ ឆ្នាំ: <u>០១/០១/២០២០</u><br/>បានឃើញ និង អនុម័ត/Seen and Agreed<br/>មេភូមិ Chief of Village</p> <p style="text-align: center;"> <br/>  </p> | ទំហំទីតាំង<br>External size of community pond | ផ្ទៃដី (ម <sup>២</sup> - ហិកតា)<br>Land sizes m <sup>2</sup> /hm | ចំនួនដើមឈើ<br>Number of Trees | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure | <u>ទំហំទីតាំង: ០៥៥x១០០</u><br>External Dimensions | <u>៥៥x១០០</u><br>2,756m <sup>2</sup> | <u>៥៥</u><br>TONE | <u>៥៥</u><br>TONE |
| ទំហំទីតាំង<br>External size of community pond  | ផ្ទៃដី (ម <sup>២</sup> - ហិកតា)<br>Land sizes m <sup>2</sup> /hm | ចំនួនដើមឈើ<br>Number of Trees                                    | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure |  |   |                                      |                   |                   |  |   |  |                               |  |   |                                      |                   |                   |
| <u>ទំហំទីតាំង: ០៥៥x១០០</u><br>External Dimensions  | <u>៥៥x១០០</u><br>6,500m <sup>2</sup>                             | <u>៥៥</u><br>TONE  | <u>៥៥</u><br>TONE                          |  |   |                                      |                   |                   |  |   |  |                               |  |   |                                      |                   |                   |
| ទំហំទីតាំង<br>External size of community pond  | ផ្ទៃដី (ម <sup>២</sup> - ហិកតា)<br>Land sizes m <sup>2</sup> /hm | ចំនួនដើមឈើ<br>Number of Trees                                    | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure |  |   |                                      |                   |                   |  |   |  |                               |  |   |                                      |                   |                   |
| <u>ទំហំទីតាំង: ០៥៥x១០០</u><br>External Dimensions  | <u>៥៥x១០០</u><br>2,756m <sup>2</sup>                             | <u>៥៥</u><br>TONE  | <u>៥៥</u><br>TONE                          |  |   |                                      |                   |                   |  |   |  |                               |  |   |                                      |                   |                   |



CP003 - Rong Damrei village community pond (3)

 **ព្រះរាជាណាចក្រកម្ពុជា**  
Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King

 **ASIAN INFRASTRUCTURE INVESTMENT BANK**

លិខិតបញ្ជាក់ដើម្បីសាងសង់ឬស្តារឡើងវិញសម្រាប់សហគមន៍បឹងសាងសង់សម្រាប់សហគមន៍ (Letter to certify the proposed construction or restoration of community pond for NRRPCP) **PVG-CP003**

យើងខ្ញុំជាអង្គការ...សម្រាប់សាងសង់/ស្តារឡើងវិញសម្រាប់សហគមន៍បឹងសាងសង់សម្រាប់សហគមន៍  
We, the unit/battalion/regiment/division... to deeming certify that, the proposed community pond, is  
located in Army camp:  
ភូមិ/Village... ឃុំ-សង្កាត់/Commune... ស្រុក-ក្រុង/District... ខេត្ត/Province...

ដីតំបន់ទំនេរជាដីរបស់អង្គការ...សម្រាប់សាងសង់/ស្តារឡើងវិញសម្រាប់សហគមន៍បឹងសាងសង់សម្រាប់សហគមន៍  
vacant land of unit/battalion/regiment/division... for community pond construction or restoration for NRRPCP.

| ទំហំទីតាំង<br>External size of community pond | ផ្ទៃដី (ម៉ែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure |
|---|--|-------------------------------|--|
| ទំហំទីតាំង<br>External dimensions             | 50m x 50m<br>2,500m <sup>2</sup>                     | ៧៥<br>NONE                    | ៧៥<br>NONE                                 |

Date/ថ្ងៃទី ៣១ ខែ មេសា ឆ្នាំ២០២២  
បានឃើញ និង ឯកភាព/Seen and Agreed  
មេបញ្ជាការរង deputy commander




វេសេនីយ៍ ឯក សុខ ប៉ុន្មែន


Date/ថ្ងៃទី ៣១ ខែ មេសា ឆ្នាំ២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
មេបញ្ជាការ commander



អគ្គមេនីយ៍ត្រី ប៉ុន សុខ ប៉ុន្មែន

CP004 - Prey Khlout village community pond

 **ព្រះរាជាណាចក្រកម្ពុជា**  
Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King

 **ASIAN INFRASTRUCTURE INVESTMENT BANK**

លិខិតបញ្ជាក់ដើម្បីសាងសង់ឬស្តារឡើងវិញសម្រាប់សហគមន៍បឹងសាងសង់សម្រាប់សហគមន៍ (Letter to certify the proposed construction or restoration of community pond for NRRPCP) **PVG-CP004**

អាជ្ញាធរ...សម្រាប់សាងសង់/ស្តារឡើងវិញសម្រាប់សហគមន៍បឹងសាងសង់សម្រាប់សហគមន៍  
the chief of... pagoda to deeming certify that, the proposed community pond, is  
located in:  
ភូមិ/Village... ឃុំ-សង្កាត់/Commune... ស្រុក-ក្រុង/District... ខេត្ត/Province...

ដីតំបន់ទំនេរជាដី...សម្រាប់សាងសង់/ស្តារឡើងវិញសម្រាប់សហគមន៍បឹងសាងសង់សម្រាប់សហគមន៍  
vacant land of pagoda campus for community pond construction or restoration for NRRPCP.

| ទំហំទីតាំង<br>External size of community pond | ផ្ទៃដី (ម៉ែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure |
|---|--|-------------------------------|--|
| ទំហំទីតាំង<br>External dimensions             | 45m x 30m<br>1,350m <sup>2</sup>                     | ៧៥<br>NONE of them            | ៧៥<br>NONE                                 |

គណៈកម្មការអាចារ្យត្រីទី ១ /Pagoda commission No.1: 

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មការអាចារ្យត្រីទី ២ /Pagoda commission No.2: 

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មការអាចារ្យត្រីទី ៣ /Pagoda commission No.3: 

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

Date/ថ្ងៃទី ២៦ ខែ មេសា ឆ្នាំ២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
ចៅអធិការវត្ត Chief of Pagoda



សុវណ្ណត្រា ធីន សាវត្រី

## CP006 - Chvang village community pond (2)

**ព្រះរាជាណាចក្រកម្ពុជា**  
Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King

AIB  
ASIAN INFRASTRUCTURE  
INVESTMENT BANK

**លិខិតបញ្ជាក់ទីតាំងសង់សម្បទានសេដ្ឋកិច្ចសម្រាប់គម្រោងសាងសង់សាលាបោះឆ្នោតសហគមន៍ស្ថិតនៅភូមិ ១០៨**

(Letter to certify the proposed construction or restoration of community pond for NRRPCP) PVG-CP008

យើងខ្ញុំជាប្រធានក្រុមប្រឹក្សាយុវស្សាកសុមហៈនៃសហគមន៍សេដ្ឋកិច្ចសម្រាប់គម្រោងសាងសង់សាលាបោះឆ្នោតសហគមន៍ដែលមានអាសយដ្ឋាននៅ [We, the chief of commune councilor to desming certify that, the proposed community pond, is located in:

ភូមិ/Village ១០៨ ឃុំ-សង្កាត់/Commune បឹងកក់ ស្រុក/District ជ្រុងស្រែ ខេត្ត/Province កែប

គិតថាទីតាំងទំនេរប្រសប់សម្រាប់សាងសង់សាលាបោះឆ្នោតសហគមន៍ស្ថិតនៅភូមិ ១០៨ នេះសមស្របសម្រាប់សាងសង់សាលាបោះឆ្នោតសហគមន៍ដែលមានអាសយដ្ឋាននៅ [is vacant land of community for community pond construction or restoration for NRRPCP.

| ទំហំផ្ទៃដី<br>External size of community pond | ផ្ទៃដី ទំហំ (ម៉ែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees | វត្ថុផ្សេងៗទៀត<br>Other Infrastructure |
|---|---|-------------------------------|--|
| ទំហំ ២៥x៤៧<br><i>External dimensions</i>      | ៥៩ x ៥៩<br><i>3,127 m<sup>2</sup></i>                     | គ្មាន<br><i>NONE</i>          | គ្មាន<br><i>NONE</i>                   |

សហគម្មនិកអភិវឌ្ឍន៍ភូមិ ១/Village development committee No.1: [Signature]

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

សហគម្មនិកអភិវឌ្ឍន៍ភូមិ ២/Village development committee No.2: [Signature]

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

សហគម្មនិកអភិវឌ្ឍន៍ភូមិ ៣/Village development committee No.3: [Signature]

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

Date/ថ្ងៃទី ១០/០៩/២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
មេភូមិ Chief of Village


[Signature]  
គង់-សុខ

Date/ថ្ងៃទី ០១/១០/២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
មេភូមិ Chief of Commune/Sangkat

[Red Stamp]  
គង់-សុខ

CP007 - Krachab Krom village community pond

**ព្រះរាជាណាចក្រកម្ពុជា**  
Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King

 **ASIAN INFRASTRUCTURE INVESTMENT BANK**

លិខិតបញ្ជាក់ពីការសាងសង់ឬការជួសជុលសម្បទានសហគមន៍សម្រាប់គម្រោងបង្កើនសមត្ថភាពសហគមន៍ក្នុងតំបន់ក្រចេះ

(Letter to certify the proposed construction or restoration of community pond for NRRPCP) **PVG-CP007**

យើងខ្ញុំជាក្រុមគ្រប់គ្រងសាលារៀន 22 ភូមិ ភ្នំក្រវាញ ស្ថិតនៅភូមិ ភ្នំក្រវាញ ក្រុមប្រឹក្សាភិបាលសាលារៀនដែលបានប្រធានសាងសង់សម្បទានសហគមន៍ស្ថិតនៅភូមិ ភ្នំក្រវាញ ខេត្តក្រចេះ ។ We, the school management committee to deeming certify that, the proposed community pond, is located in school:  
ភូមិ/Village: ភ្នំក្រវាញ ឃុំ-សង្កាត់/Commune: ភ្នំក្រវាញ ស្រុក-ក្រុង/District: ក្រចេះ ខេត្ត/Province: ក្រចេះ

គិតជាទីតាំងសមស្របសម្រាប់សាងសង់សម្បទានសហគមន៍សម្រាប់គម្រោងបង្កើនសមត្ថភាពសហគមន៍ក្នុងតំបន់ក្រចេះ  
is vacant land of school campus for community pond construction or restoration for NRRPCP.

| ទំហំទីតាំង<br>External size of community pond | ផ្ទៃដី (ម <sup>២</sup> - ម៉ែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees | របៀបសម្បទានផ្សេងៗ<br>Other Infrastructure |
|---|---|-------------------------------|---|
| ទំហំសាងសង់<br>External dimensions             | 50 <sup>m</sup> x 70 <sup>m</sup><br>3,500m <sup>2</sup>              | ០<br>NONE                     | ០<br>NONE                                 |

សាក្សីគ្រូបង្រៀនទី១/Teacher witness No.1: គង់ ឈឹម  
(ឈ្មោះ និងហត្ថលេខា/ស្នាមមេដៃ) Name and thumb prints

សាក្សីគ្រូបង្រៀនទី២/Teacher witness No.2: គង់ ឈឹម  
(ឈ្មោះ និងហត្ថលេខា/ស្នាមមេដៃ) Name and thumb prints

សាក្សីគ្រូបង្រៀនទី៣/Teacher witness No.3: គង់ ឈឹម  
(ឈ្មោះ និងហត្ថលេខា/ស្នាមមេដៃ) Name and thumb prints

Date/ថ្ងៃ: ២០/០៩/២០២២  
បានឃើញ និង ឯកភាព/Seen and Agreed  
នាយករងសាលារៀន School deputy principal

Date/ថ្ងៃ: ២០/០៩/២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
នាយកសាលារៀន School principal

CP008 - Krachab Krom village community pond

**ព្រះរាជាណាចក្រកម្ពុជា**  
Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King

 **ASIAN INFRASTRUCTURE INVESTMENT BANK**

លិខិតបញ្ជាក់ពីការសាងសង់ឬការជួសជុលសម្បទានសហគមន៍សម្រាប់គម្រោងបង្កើនសមត្ថភាពសហគមន៍ក្នុងតំបន់ក្រចេះ

(Letter to certify the proposed construction or restoration of community pond for NRRPCP) **PVG-CP008**

អាព្វាការី គង់ ឈឹម ជាប្រធានគណៈកម្មាធិការសហគមន៍សម្រាប់គម្រោងបង្កើនសមត្ថភាពសហគមន៍ក្នុងតំបន់ក្រចេះ ដែលបានប្រធានសាងសង់សម្បទានសហគមន៍ស្ថិតនៅភូមិ ភ្នំក្រវាញ ខេត្តក្រចេះ ។ Venerable....., the chief of .....pagoda to deeming certify that, the proposed community pond, is located in:  
ភូមិ/Village: ភ្នំក្រវាញ ឃុំ-សង្កាត់/Commune: ភ្នំក្រវាញ ស្រុក-ក្រុង/District: ក្រចេះ ខេត្ត/Province: ក្រចេះ

គិតជាទីតាំងសមស្របសម្រាប់សាងសង់សម្បទានសហគមន៍សម្រាប់គម្រោងបង្កើនសមត្ថភាពសហគមន៍ក្នុងតំបន់ក្រចេះ  
is vacant land of pagoda campus for community pond construction or restoration for NRRPCP.

| ទំហំទីតាំង<br>External size of community pond | ផ្ទៃដី (ម <sup>២</sup> - ម៉ែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees | របៀបសម្បទានផ្សេងៗ<br>Other Infrastructure |
|---|---|-------------------------------|---|
| ទំហំសាងសង់<br>External dimensions             | 48 <sup>m</sup> x 80 <sup>m</sup><br>3,840m <sup>2</sup>              | ០<br>NONE                     | ០<br>NONE                                 |

គណៈកម្មការអាព្វាការីទី ១ /Pagoda commission No.1: គង់ ឈឹម  
(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មការអាព្វាការីទី ២ /Pagoda commission No.2: គង់ ឈឹម  
(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មការអាព្វាការីទី ៣ /Pagoda commission No.3: គង់ ឈឹម  
(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

Date/ថ្ងៃ: ២០/០៩/២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
ប្រធានអាព្វាការី Chief of Pagoda

គណៈកម្មការអាព្វាការី  
គង់ ឈឹម





| CP011 - Kopu Kraok village community pond  | CP012 - Skar village community pond                                     |   |  |  |  |                                   |               |               |  |   |   |                               |  |  |                                   |                        |               |
|--|---|---|--|--|--|-----------------------------------|---------------|---------------|--|---|---|-------------------------------|--|--|-----------------------------------|------------------------|---------------|
| <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p><b>ព្រះរាជាណាចក្រកម្ពុជា</b><br/>Kingdom of Cambodia<br/>ជាតិ សាសនា ព្រះមហាក្សត្រ<br/>Nation Religion King</p> </div> </div> <p style="text-align: center; font-weight: bold;">លិខិតបញ្ជាក់ពីការសាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ</p> <p style="text-align: center;">(Letter to certify the proposed construction or restoration of community pond for NRRPCP) <b>PVG-CP011</b></p> <p>យើងខ្ញុំជាប្រធានក្រុមប្រឹក្សាភិបាលសមាគមន៍សង្កាត់សម្រាប់សាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ<br/>We, the chief of commune councilor to deeming certify that, the proposed community pond, is located in:</p> <p>ភូមិ/Village: <u>ក្រុមប្រឹក្សាភិបាលសមាគមន៍សង្កាត់សម្រាប់សាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ</u> ឃុំ-សង្កាត់/Commune: <u>សង្កាត់សម្រាប់សាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ</u> ស្រុក-ក្រុង/District: <u>ស្រុកសម្រាប់សាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ</u> ខេត្ត/Province: <u>ខេត្តសម្រាប់សាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ</u></p> <p>ពិតជាទីតាំងទំនេរជាដីប្រកបដោយសមាគមន៍សង្កាត់សម្រាប់សាងសង់/ស្តារឡើងវិញនូវសមាគមន៍សង្កាត់សម្រាប់សាងសង់សិក្សាស្រាវជ្រាវ<br/>vacant land of community for community pond construction or restoration for NRRPCP.</p> <table border="1" style="width: 100%; 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| ទំហំទីតាំង<br><i>external dimensions</i>   | 45m x 15m<br>2,025 m <sup>2</sup>                                       | គ្មាន<br>NONE   | គ្មាន<br>NONE                              |  |  |                                   |               |               |  |   |   |                               |  |  |                                   |                        |               |
| ទំហំទីតាំង<br>External size of community pond  | ដីធ្លី ទំហំ (ម <sup>២</sup> មែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees   | រចនាសម្ព័ន្ធផ្សេងៗ<br>Other Infrastructure |  |  |                                   |               |               |  |   |   |                               |  |  |                                   |                        |               |
| ទំហំទីតាំង<br><i>external dimensions</i>   | 45m x 60m<br>2,700 m <sup>2</sup>                                       | គ្មានដើមឈើ<br>Tree = 1  | គ្មាន<br>NONE                              |  |  |                                   |               |               |  |   |   |                               |  |  |                                   |                        |               |

## CP013 - Chhóeng Chumnir village community pond



**ព្រះរាជាណាចក្រកម្ពុជា**

Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King



លំនឹងបញ្ជាក់ពីឥទ្ធិពលនៃសេចក្តីស្តាប់ចិត្តប្រកបដោយសេចក្តីស្មោះត្រង់ និងការសម្រេចចិត្តដោយសេរី និងការសម្រេចចិត្តដោយសេរី

(Letter to certify the proposed construction or restoration of community pond for NRRPCP) *PLG-CP013*

យើងខ្ញុំជាប្រធានក្រុមប្រឹក្សាសង្កាត់សូមបញ្ជាក់ថា ទីតាំងដែលបានគ្រោងសាងសង់/ស្ថាបនាឡើងវិញនេះ គឺជាសមាគមន៍ដែលមានអាយុជាន់

[5] We, the chief of commune councilor to deeming certify that, the proposed community pond, is located in:

68 Village វត្តជ្រៃ / Commune ស្រុកស្រែចម្ការ / District ស្រុកស្រែចម្ការ / Province កំពង់ចាម

ពិតជាទីតាំងទំនេរជាដំបូងរបស់សហគមន៍សម្រាប់សាងសង់ស្តារឡើងវិញនូវស្រះទឹកសហគមន៍របស់គម្រោងពង្រឹងសមត្ថភាពផលិតភាពជនបទ/IS vacant  
land of community for community pond construction or restoration for NRRPCP.

| External size of community pond                    | Land sizes m <sup>2</sup> /in            | Number of Trees            | Other Infrastructure |
|--|--|----------------------------|----------------------|
| ចំណាស់ ១៥០ ម៉ែត្រ ៥៥ ម៉ែត្រ<br>Extended dimensions | 92.25 m x 1.22 m<br>1,344 m <sup>2</sup> | ដើមឈើ ១ គ្រាប់<br>Tree = 1 | ទីដេក<br>NONE        |

คณะกรรมการหมู่บ้าน/ village development committee No.1: ด.ร. จ.ส.

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មាធិការអភិវឌ្ឍន៍ភូមិទី២/Village development committee No.2: ១/៩. ៩៧

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណកម្មការអភិវឌ្ឍន៍ភូមិទី៣/Village development committee No.3: ២០១៧ ២០១៨

(ឈ្មោះ: នឹងស្លាមមេដៃ) Name and thumb prints

Date/10/12/2023

បានឃើញ និង ឯកភាព/Seen and Agreed

មេភូមិ Chief of Village

## ဆွေရဲဗ-ဆွေရဲဗ

Date/ថ្ងៃខែ ឆ្នាំ: ២០២២ ខែ កុម្ភៈ ថ្ងៃទី ០២

បានឃើញ និង អនុម័ត/Seen and Approved

ឧបាយកម្ម/Guief of Commune/Sangkat

## စီရင် နှစ်စဉ်



**ព្រះរាជាណាចក្រកម្ពុជា**

Kingdom of Cambodia  
ជាតិ សាសនា ព្រះមហាក្សត្រ  
Nation Religion King




**លិខិតបញ្ជាក់អំពីការដោះស្រាយសម្តីសន្យាទៅវិញទៅហេតុរវាងក្រុមហ៊ុនឈ្មោះ ភូមិសាស្ត្រ និងក្រុមហ៊ុន ភូមិសាស្ត្រ**

(Letter to certify the proposed construction or restoration of community pond for NRRPCP) *W6-CPO14*

យើងខ្ញុំជាប្រធានក្រុមប្រឹក្សារ៉ូម/សង្កាត់សូមបញ្ជាក់ថា វិទ្យុកម្មទីតាំងដែលបានគ្រោងសាងសង់/ស្តារនៅទីនោះស្រុះទឹកសាបាគមន៍ដែលមានអាស័យដ្ឋាន

151 We, the chief of commune councilor to deeming certify that, the proposed community pond, is located in:

ពិតជាទីតាំងទំនេរជាដីរបស់សហគមន៍សម្រាប់សាងសង់/ស្តារឡើងវិញនូវស្រះទឹកសហគមន៍របស់គម្រោងពង្រឹងសមត្ថភាពផលិតភាពជនបទ/ls vacant  
land of community for community pond construction or restoration for NRRPCP.

| External size of community pond   | ផ្ទៃ ទំហំ (ម៉ែត្រការ៉េ)<br>Land sizes m <sup>2</sup> /m | ចំនួនដើមឈើ<br>Number of Trees | របាយការណ៍ផ្សេងៗ<br>Other Infrastructure |
|---|---|-------------------------------|---|
| <br><i>External Dimensions</i> | 11m x 8m<br>8,800 m <sup>2</sup>                        | ៥៧៩<br>NONE                   | ៥៧៩<br>NONE                             |

គណៈកម្មាធិការអភិវឌ្ឍន៍ភូមិទី១/village development committee No.1: ០២០.០០៧.៩

(ឈ្មោះ: និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មាធិការអភិវឌ្ឍន៍ភូមិទី២/village development committee No.2: តាព្រហ្ម ១០៩

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

គណៈកម្មាធិការអភិវឌ្ឍន៍ភូមិទី៣/Village development committee No.3: ៩៩២

(ឈ្មោះ និងស្នាមមេដៃ) Name and thumb prints

Date/ថ្ងៃទី ២៣ ខែ ឧសភា ឆ្នាំ ២០២២

បានឃើញ និង ឯកភាព/Seen and Agreed

មេភូមិ Chief of Village

យ៉ម-លីង

Date/ថ្ងៃទី 12 ខែ ១១ ឆ្នាំ ២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
ឈ្មោះ/Chief of Commune/Sangkat





## CP016 - Chamkar Kouy Lech village community pond

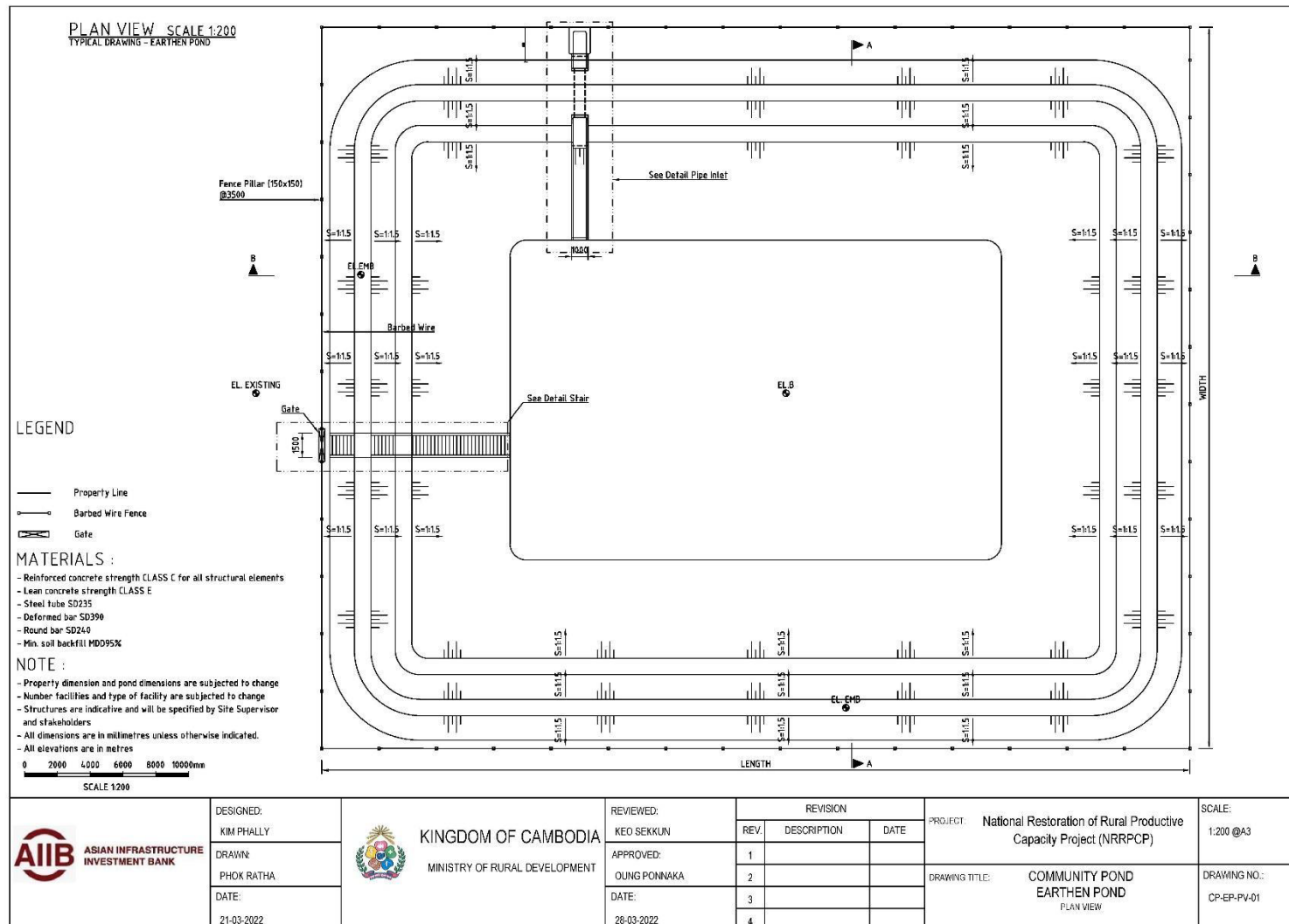
Handwritten signature: *Wu Z*

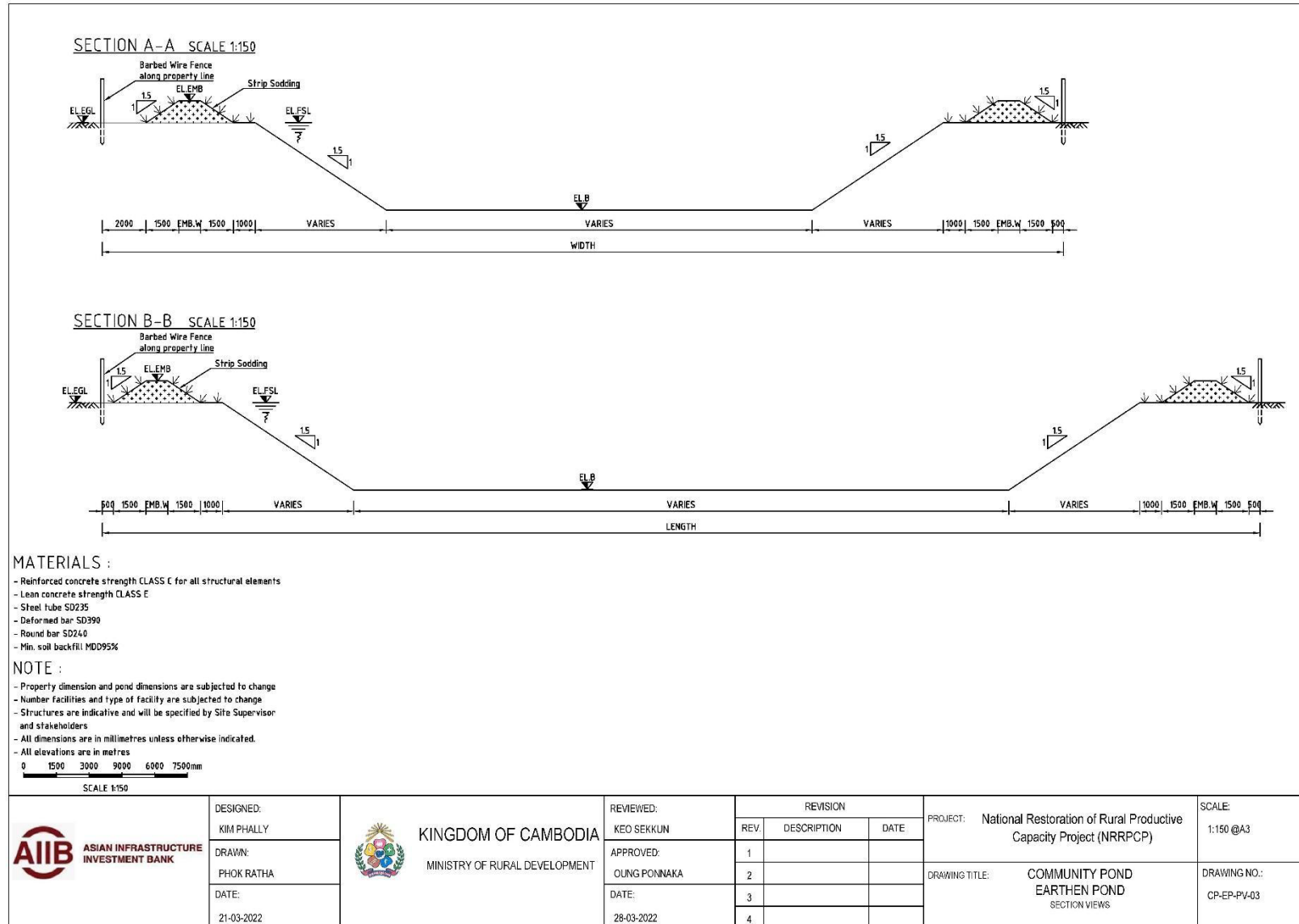
Red circular official seal of the Ministry of Education, Youth and Sports, with the text "กระทรวงศึกษาธิการ" (Ministry of Education, Youth and Sports) and "กรมส่งเสริมการศึกษานอกระบบและการศึกษาตามอัธยาศัย" (Department of Non-Formal and Informal Education).

Red rectangular stamp: **คตล. เชียงใหม่** (Kotl. Chiang Mai)

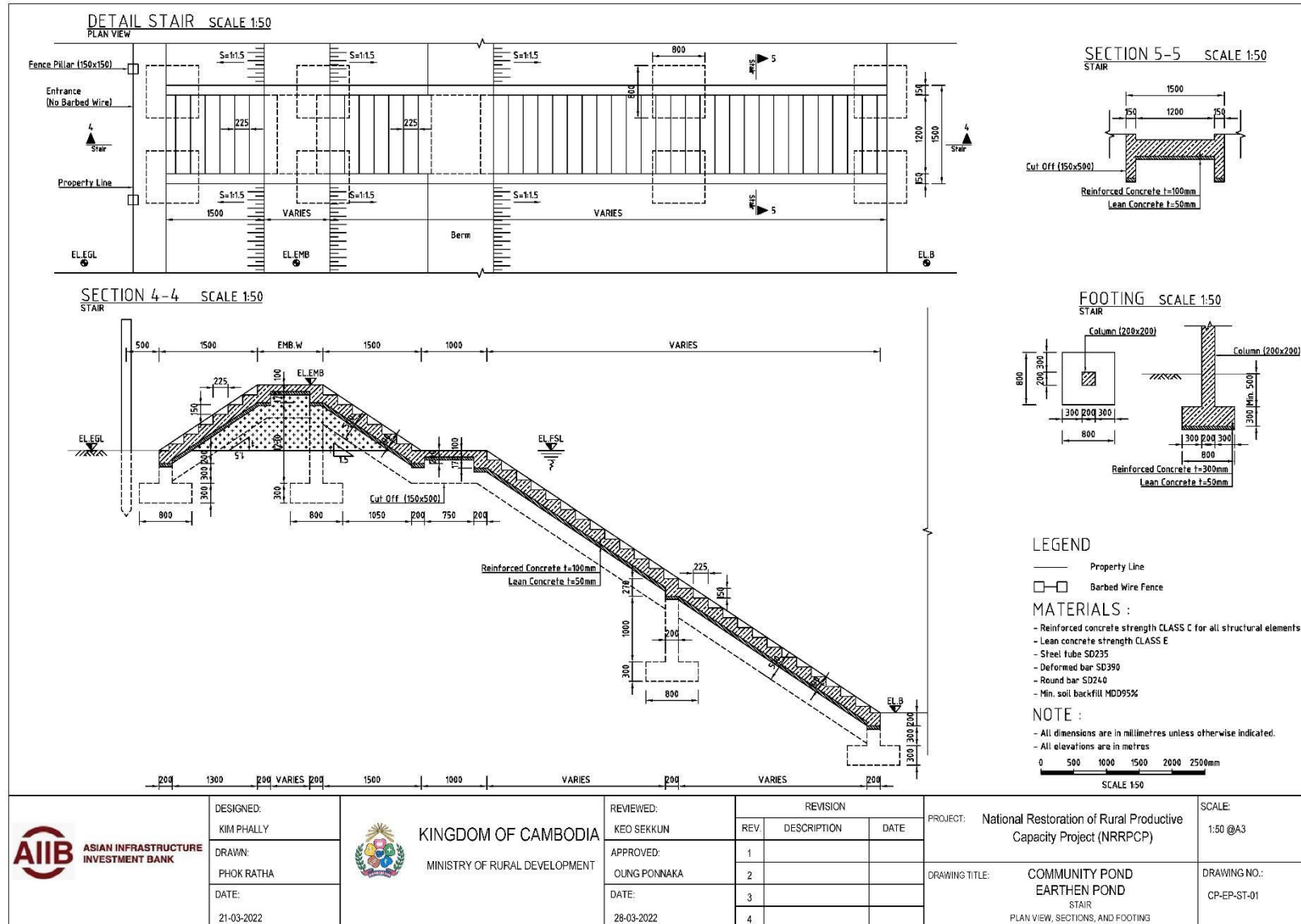
Date/ថ្ងៃខែឆ្នាំ: ២២/១២/២០២២  
បានឃើញ និង អនុម័ត/Seen and Approved  
នាយកសាលា/ School principal  
[Signature]  
[Red circular stamp of the school principal]

## Annex 3: Detailed Engineering Design for typical community pond









**Annex 4: Rapid Environmental and Social Assessment Checklist (16 community ponds)**

| Environmental and Social Safeguards   | Yes | No | Impacts  |
|---|-----|----|--|
| a. Is the subproject area adjacent to or within any of the following environmentally sensitive areas?<br>- Wetlands, Mangrove, Estuarine  | -   | ✓  | During the site visits it was confirmed that none these 16 ponds are located in areas that are classified as environmentally sensitive including wetlands, mangrove and estuarine areas.   |
| b. Will the subproject cause impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to physical cultural resources?   | -   | ✓  | All of these 16 ponds are located in rural areas that are not of any historical/cultural significance, and it is not anticipated that there will be no disfigurement of the landscape, or any damage to physical or cultural resources.  |
| c. Will the subproject cause disturbance to precious ecology (e.g., sensitive or protected areas)?  | -   | ✓  | None of the 16 community pond are located within Protected Areas or other sensitive areas.   |
| d. Will the subproject cause alteration of surface water hydrology of waterways, resulting in increased sediment in streams affected by increased soil erosion at the construction site?                                      | -   | ✓  | The construction of these community ponds is not anticipated to cause an alteration in the surface water hydrology of any waterways, and there will not be any increase in sedimentation in streams resulting from increased soil erosion at the construction sites.   |
| e. Will the subproject cause deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?  | -   | ✓  | The construction of these community ponds is not anticipated to cause any deterioration of surface water quality, The CESMPs that are prepared will include specific provisions relating to the disposal of both solid and liquid waste form the camp sites. There will be no chemicals other than diesel fuel during the civil work and there will be strict rules for safe storage at each site. |
| f. Will the subproject cause increased air pollution due to the subproject construction and operation?  | -   | ✓  | There will be some temporary impacts during construction whilst the excavation is underway, but the impacts will be only minor.  |
| g. Will the subproject cause noise and vibration due to project construction or operation?  | -   | ✓  | The use of heavy equipment will result in some noise and vibration especially during the excavation of the ponds, This will only occur during daylight hours. However, the pond sites are all in rural areas and there are no residences located to any of the ponds.  |
| h. Will the subproject have poor sanitation and solid waste disposal in construction camps and work sites, and possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations? | -   | ✓  | The CESMP will include provisions to ensure that the workers camp is kept clean and sanitary and there will be proper disposal of all domestic waste. There will be an orientation provided to the contractor prior to mobilization to ensure that there is a clear understanding of the content of the OEHSMP.  |
| i. Will the subproject create temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?   | -   | ✓  | The contractor will be required to ensure that the workers camp at each site is kept clean and sanitary and there will be proposer disposal of domestic waste.   |
| j. Will the subproject result in a large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?        | -   | ✓  | Not anticipated. For each community pond the contractor will be required to recruit unskilled labour from within each village and not import labour from other areas. The awarded contractor will employ the skilled staff such as operators of the equipment/plants.  |

| Environmental and Social Safeguards  | Yes | No | Impacts  |
|--|-----|----|--|
| k. Will the subproject risks and vulnerabilities relate to occupational health and safety (OHS) due to physical, chemical, biological, and radiological hazards during project construction and operation?   | -   | √  | There are no foreseen risks and vulnerabilities relating to OHS that may result from any physical, chemical, biological and radiological hazards during the civil works.   |
| l. Will the subproject risks relate to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?   | -   | √  | The civil work for these community ponds will not require the use of explosives and there will be proper arrangements for the storage and spreading of diesel fuel.  |
| m. Will the subproject pose community safety risks due to both accidental and natural causes, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning? | -   | √  | The contractor will be required to ensure that appropriate signage at each site during the civil work and ensure that safety barriers are erected to restrict access to construction site. There will also be security fences erected around each community pond to avoid the risk of injury or death or young children or livestock accidentally entering the pond. |
| n. Will the subproject generate solid waste and/or hazardous waste?  | -   | √  | There will be no hazardous waste generated during the civil work and there will be adequate arrangements made for the proper disposal of solid waste at each camp site.  |
| o. Will the subproject use any chemicals?  | -   | √  | Aside from diesel fuel there will be no other chemicals used during the construction of these community ponds  |
| p. Will the subproject generate wastewater during construction or operation?   | -   | √  | There will be no wastewater generated during construction for any of the community ponds.  |
| q. Will the subproject risk of landmines/UXO?  | -   | √  | There were no reports of any UXO materials/landmines at any of the sites of these community ponds.   |
| r. Will the subproject increase the risk of CoVID-19 pandemic and HIV/AIDS?  | -   | √  | The contractor will be required to prepare and implement an OEHS at each site that includes measures to reduce the risk of spreading CoVID-19 as well as other transmissible diseases.   |
| s. Will the subproject be located in a flooded area?   | -   | √  | None of these community ponds are located in flood prone areas and this was confirmed during the public consultation meetings that were conducted at each site.  |
| If the answer to any of the questions in this section is YES, an Environmental Impact Assessment which includes an Environmental Management Plan, and an Environmental Monitoring Plan needs to be prepared and attached.  |     |    | N.A.   |



| Summary of RESA   |               |
|---|---------------|
| Subproject impacts  | Tick only one |
| The proposed subproject is likely to have significant adverse environmental and social impacts that are irreversible, diverse, or unprecedented. These impacts may affect an area larger than the sites or facilities subject to physical works.                              | -             |
| This proposed subproject has potential adverse environmental and social impacts that are less adverse. These impacts are site-specific, few if any of them are irreversible, and in most cases mitigation measures can be designed more readily than for category A projects. | -             |
| This proposed subproject has minimal or no adverse environmental and social impacts.  | ✓             |

Date: 24 December 2021



Environmental Safeguard Specialist: Sao Botumroath

## Annex 5: Environmental and Social Impact Assessment

| Problem                                   |   | Severity        |   | Impacts  |
|---|---|-----------------|---|--|
| Long term environment and social impacts  | Increased threats to endangered wild animals known to live in the area.             | Large impact    |   | There are no endangered wild animals reported to be living within the localities of these community ponds and there will therefore be no risk of any increased threats to their survival.  |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Damage to the fisheries resources or fisheries stocks.                              | Large impact    |   | The construction of these community ponds is not foreseen result in any damage to fisheries resources or fisheries stocks.   |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Damage to the forest (especially in biodiversity areas).                            | Large impact    |   | None of the 16 community ponds are located within officially designated Biodiversity Corridors and are also not within any Production or Protected Forest Areas.   |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Long term damage to agricultural land.  | Large impact    |   | The construction of the community ponds will not have any impact of arable land areas and there will be no risk of any long term damage.   |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Erosion caused by changes to alignment or size of streams.                          | Large impact    |   | Although the ponds may to some extent be recharged by the water from streams or creeks the civil work will not result in any change to the alignment of size of these streams  |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Erosion caused by removing vegetation.  | Large impact    |   | The civil work required for the enlargement of some of the ponds will require the removal of some existing vegetation at these sites but this will consist of only grasses and shrubs plus some small trees and these will not have any significant impact on ecology of the area. . |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Flooding caused by subproject implementation.                                       | Large impact    |   | The civil work will have to be conducted during the dry season when the risk of flooding will be minimal.  |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Long term impact causing by dust, noise or safety problems.                         | Large impact    |   | During the civil work there are anticipated to be some minor impacts (increased dust and noise) as well as safety concerns during the excavation, but this will be only temporary.   |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Damage to the livelihood, living environment or customs of indigenous people (IPs). | Large impact    |   | There are no reports of any IPs residing in the areas of these community ponds.  |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | ✓ |  |
|   | Other long-term problem (describe).   | Large impact    |   | None   |
|   |   | Medium impact   |   |  |
|   |   | No/small impact | - |  |
| Short-term Environment and Social Impacts | Damage will be caused by vehicles transporting materials to the site                | Medium impact   |   | The contractors will be required to maintain the access roads for all community pond construction sites will be properly maintained during the period of the civil work.   |
|   |   | No/small impact | ✓ |  |
|   | Dust problem during construction  | Medium impact   |   | The CESMP will require that water must be sprayed during earth works to avoid increased dust.  |
|   |   | No/small impact | ✓ |  |
|   | Noise problem during construction   | Medium impact   |   | The CESMP will include a provision that heavy machinery can be used only during daylight hours.  |
|   |   | No/small impact | ✓ |  |

| Problem |  | Severity        |   | Impacts  |
|---------|--|-----------------|---|--|
|         | Contamination of water resources during construction | Medium impact   |   | The CESMP will include a provision that there must be proper arrangements for the disposal of solid waste to avoid contamination of water resources. |
|         |  | No/small impact | ✓ |  |
|         | Damage to home gardens and fruit trees               | Medium impact   |   | The civil work at each community pond site will not have any impact on home gardens and no fruit trees will be removed.                              |
|         |  | No/small impact | ✓ |  |
|         | Short-term damage to agricultural land               | Medium impact   |   | The civil work at each community pond site will not have any adverse impact on any agricultural land.  |
|         |  | No/small impact | ✓ |  |
|         | Damage to domestic water supplies                    | Medium impact   |   | The CESMP will include a provision to ensure that the civil work does not result in any damage to existing domestic water supplies.                  |
|         |  | No/small impact | ✓ |  |
|         | Other short-term problem (describe)                  | Medium impact   |   | None   |

The construction of the community ponds will bring considerable benefits to the local community in terms of more reliable access to water during the dry season. During the civil works there will be opportunities for local employment generation that will target the vulnerable households including returned migrant workers.

**Annex 1: Preliminary Climate Risk Screening Checklist  
(For all community pond subprojects)**

| Screening Questions                      |  | Score | Remarks   |
|--|--|-------|---|
| <b>Location and Design of Project</b>    | Is siting and/or routing of the community pond subprojects likely to be affected by climate conditions including extreme weather related events such as floods, droughts, storms, landslides?  | 0     | Elevation and strengthening of the embankments of all community ponds will reduce the impact of any flooding that does occur during the wet season. |
|  | Would the subproject design (e.g. the clearance for bridges) need to consider any hydro-meteorological parameters (e.g., sea-level, peak river flow, reliable water level, peak wind speed etc.)?  | 0     | Not applicable  |
| <b>Materials and Maintenance</b>         | Would weather, current and likely future climate conditions (e.g. prevailing humidity level, temperature contrast between hot summer days and cold winter days, exposure to wind and humidity hydro-meteorological parameters likely affect the selection of subproject inputs over the life of subproject outputs (e.g. construction material)? | 0     | Not applicable  |
|  | Would weather, current and likely future climate conditions, and related extreme events likely affect the maintenance (scheduling and cost) of subproject output(s)?   | 0     | Provision will be made for on-going maintenance of the road through the MRD.  |
| <b>Performance of subproject outputs</b> | Would weather/climate conditions and related extreme events likely affect the performance of the subproject.   | 0     | Not anticipated.  |

Options for answers and corresponding score are provided below:

| Response    | Score |
|-------------|-------|
| Not Likely  | 0     |
| Likely      | 1     |
| Very Likely | 2     |

Responses when added that provide a score of zero (0) will be considered low risk subproject. If adding all responses will result to a score of 1–4 and that no score of 2 and 1 were given to any single response, the subproject will be assigned a medium risk category. A total score of 5 or more (which include providing a score of 1 in all responses) or a 2 in any single response will be categorized as high-risk subproject.

**Result of Initial Screening: LOW**

**Other Comments:** None

Prepared by: SAO Botumroath

Environment specialist

Signature:



Date 24 Dec 2021



**Annex 1: Land acquisition and resettlement screening checklist (LARSC)**


| Probable Involuntary Resettlement Effects  | Yes | No | Not Known | Impact   |
|--|-----|----|-----------|--|
| <b>Involuntary Acquisition of Land</b>   |     |    |           |  |
| 1. Will there be land acquisition?   | -   | ✓  | -         | At the sites of 11 of the 16 community ponds there will be a requirement for an additional land resulting from the increased pond dimensions. However, in every case this is public land owned by the commune and there will be no impact on any private land. |
| 2. Is the site for land acquisition known?   | -   | -  | -         | n.a.   |
| 3. Is the ownership status and current usage of land to be acquired known?                               | ✓   | -  | -         | All of the additional land required for the 11 ponds that have increased dimensions is public land owned by the commune.   |
| 4. Will easement be utilized within an existing Right of Way (ROW)?                                      | -   | ✓  | -         | n.a.   |
| 5. Will there be loss of shelter and residential land due to land acquisition?                           | -   | ✓  | -         | The additional land required for the enlargement of 11 community ponds will not have any impact on existing shelters or on residential land.   |
| 6. Will there be loss of agricultural and other productive assets due to land acquisition?               | -   | ✓  | -         | The additional land required for the enlargement of 11 community ponds will not have any impact on agricultural land.  |
| 7. Will there be losses of crops, trees, and fixed assets due to land acquisition?                       | -   | ✓  | -         | The additional land required for the enlargement of 11 community ponds will not have any impact on any trees, crops or other fixed assets.   |
| 8. Will there be loss of businesses or enterprises due to land acquisition?                              | -   | ✓  | -         | The additional land required for the enlargement of 11 community ponds will not result in the loss of any business or enterprises.   |
| 9. Will there be loss of income sources and means of livelihoods due to land acquisition?                | -   | ✓  | -         | The additional land required for the enlargement of 11 community ponds will not result in any loss of income.  |
| <b>Involuntary restrictions on land use or on access to legally designated parks and protected areas</b> |     |    |           |  |
| 10. Will people lose access to natural resources, communal facilities and services?                      | -   | ✓  | -         | The civil work for the 16 community ponds is not anticipated to result in any loss of access to natural resources, communal facilities or services.  |

| Probable Involuntary Resettlement Effects   | Yes | No | Not Known | Impact  |
|---|-----|----|-----------|---|
| 11. If land use is changed, will it have an adverse impact on social and economic activities?   | -   | ✓  | -         | There will be no change in land use at any of the community pond sites. |
| 12. Will access to land and resources owned communally or by the state be restricted?   | -   | ✓  | -         | There will no loss of access to land and communally owned resources.    |
| <b>Information on Displaced Persons</b>   |     |    |           |   |
| Any estimate of the likely number of persons that will be displaced by the Project? [✓] No [ ] Yes<br>If yes, approximately how many? _ | -   |    |           |   |
| Are any of them poor, female-heads of households, or vulnerable to poverty risks? [✓] No [ ] Yes  | -   |    |           |   |
| Are any displaced persons from indigenous or ethnic minority groups? [✓] No [ ] Yes   | -   |    |           |   |

| Land acquisition Impacts   | Subproject Eligibility | Next Steps  |
|--|------------------------|---|
| 200 or more persons will experience major impacts defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive or income generating assets   | Not Eligible           | Identify alternative subproject                         |
| Less than 200 persons will experience major impacts defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive or income generating assets | Eligible               | Prepare RP in accordance with the RF                    |
| <b>No involuntary resettlement impacts.</b>  | <b>Eligible</b>        | <b>No RPs are required for these 16 community ponds</b> |

Prepared by: SAO Botumroath

Position: Environment specialist

Signature: 

**Annex 8****Objective and content of reconnaissance visits and public consultation meetings**


| <b>Reconnaissance visits</b>   |
|--|
| <ul style="list-style-type: none"> <li>- Conduct an oral inspection of the site proposed for the construction of the community pond and to discuss with the commune chief the planned rehabilitation of the existing pond that would be for the benefit of the whole community.</li> <li>- Check the location of the site for either existing pond or new pond in relation to the primary beneficiaries.</li> <li>- Seek the consent of the commune chief to the rehabilitation of the existing pond or construction of the new pond with the proposed dimensions and that all community members will be able to access and utilize the water supply from the pond for general purposes and request the signed confirmation of the ownership status of the land that will be used for the pond.</li> <li>- Conduct a preliminary topographic survey and confirm that the cut-off date will be effective from the date of the visit and no crops should be cultivated or other structure erected within the Corridor of Impact which was an area of one meter wider on each side of the proposed pond dimension.</li> <li>- Observe the hydrology (e.g., catchment areas, water sources) and soil type of the pond site.</li> </ul>   |
| <b>Public consultation meetings</b>  |
| <ul style="list-style-type: none"> <li>- Provide a briefing on the project to local authorities, distribute the project Information Booklet (PIB) and community members and collect any additional information that is required.</li> <li>- Re-verify the site of the existing community pond of site or the proposed new ponds, the dimensions and land ownership as well as identifying any existing WASH facilities within the village.</li> <li>- Collect additional relevant data and information relating to number of households accessing to the pond and purpose of water use</li> <li>- Confirm the technical design for rehabilitation of existing pond and construction of new community ponds and explain the dimensions of the pond and the volume of water that will be stored.</li> <li>- Provide an overview of the subproject including the expected construction schedule and the need to ensure that safeguard issues addressed.</li> <li>- Provide a clear explanation of the GRM that has been established and the procedure for any PAP to lodge a complaint to the local authorities during the civil work.</li> <li>- Provide a briefing on the procedures for the management of the community pond and the need to establish a WSUG and identify the potential committee members of this group.</li> <li>- Provide preliminary awareness raising of WASH promotion activities including promoting improved sanitation and hygiene and safe water use and deliver basic COVID-19 prevention measures to the vulnerable groups of the rural population.</li> </ul> |



**Annex 8a: Reconnaissance visit and Public Consultation Meeting (PVG - CP001 & CP002)  
(Roung Domrei village (1 & 2), Cheung Phnum commune, Bar Phnum district)**

| Reconnaissance visit   |               |                 |                 |                  |
|--|---------------|-----------------|-----------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 26 <sup>th</sup> Oct 2021<br>No of participants: 2<br>No of women: 0<br>Commune chief: Mr. Chhun Put Kun<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff  |               |                 |                 |                  |
| <b>Name</b>  | <b>Gender</b> | <b>Location</b> | <b>Position</b> | <b>Telephone</b> |
| Chhun Put Kun  | M             | Cheung Phnum    | Commune chief   | +85512618217     |
| Lonh Deth  | M             | Roung Damrei    | Village leader  |                  |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date for both ponds will be effective from 26 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond (Roung Domrei 1) was agreed with the dimensions of 65 x 100 meters and a total land area of 6,500 sq. meters, a depth of 4 meters a water surface area of 4,950 sq. meters.</li> <li>- The design of the proposed enlarged pond (Roung Domrei 2) was agreed with the dimensions of 52 x 53 meters and a total land area of 2,756 sq. meters, a depth of 4 meters a water surface area of 1,764 sq. meters.</li> <li>- The commune chief also confirmed that the site of both ponds was public land and was owned by the commune and that he would sign the certification letter to that effect.</li> </ul>  |               |                 |                 |                  |
| Public consultation meeting  |               |                 |                 |                  |
| (Local community members, village leader and commune council)<br>Date: 20 <sup>th</sup> Dec 2021<br>No. of participants: 24<br>No. of women: 10<br>Commune Chief: Mr. Chhun Put Kun<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff.  |               |                 |                 |                  |
| Summary of discussions   |               |                 |                 |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed rehabilitation for both community ponds in this village was provided.</li> <li>- Roung Domrei 1 community pond will have an overall dimension of 65 by 100 meters and a total land area of 6,500 square meters, a water surface area of 4,950 square meters and a volume when full of 19,800 m<sup>3</sup>.</li> <li>- Roung Domrei 2 community pond will have an overall dimension of 65 by 100 meters and a total land area of 6,500 square meters, a water surface area of 4,950 square meters and a volume when full of 7,056 m<sup>3</sup>.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of each pond and have this witnessed by the village leader and village development committee members. (The certification letters are dated 27 May 2022 and is shown in Annex 2 - Page 1).</li> <li>- There was also an agreement on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                 |                 |                  |

Public consultation meeting (20 Dec 2021) - Participant List and photo (PVG - CP001 & 002)

 **គម្រោងជម្រុញសមត្ថភាពផលិតកម្មជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIIB Loan L0446A

**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃកិច្ចប្រជុំ: ..... (សម្រាប់ការពិភាក្សាអំពីគម្រោងសាងសង់បឹងសាប៊ូស្រស់ស្អាត)

ទីតាំងប្រជុំ Location of Meeting: ភូមិ គោគង្គៈ ឃុំ គោគង្គៈ ស្រុក ក្បាលស្រំ ខេត្ត កំពង់ចាម

កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២០ ខែ ធ្នូ ឆ្នាំ ២០២១ / Date: ..... Month ..... Year .....

ម៉ោងចាប់ផ្តើម Started Time: ១:០០ pm ម៉ោងបញ្ចប់ Ended Time: ២:០០ pm

ចំនួនអ្នកចូលរួមសរុប: ២៤ នាក់ ស្រី: ១០ នាក់ ប្រុស: ១៤ នាក់

Total of participants: ..... Male: ..... Female: .....

| No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/មុខងារ<br>Occupation | ទីតាំង/ភូមិ/អង្គភាព<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ហត្ថលេខា<br>Thumb/Signature |
|----|---|------------|-----------------------------|-------------------------------------|--------------------------|---------------------------------------|
| 1  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 2  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 3  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 4  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 5  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 6  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 7  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 8  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |


| No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/មុខងារ<br>Occupation | ទីតាំង/ភូមិ/អង្គភាព<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ហត្ថលេខា<br>Thumb/Signature |
|----|---|------------|-----------------------------|-------------------------------------|--------------------------|---------------------------------------|
| 9  | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 10 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 11 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 12 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 13 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 14 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 15 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                |                          |                                       |
| 16 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 17 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 18 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 19 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 20 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 21 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 22 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 23 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |
| 24 | គ្រូបង្គោល គីរីស័ក                      | ប          | សាងសង់                      | សមាជិក គណៈកម្មាធិការ                | 092618212                |                                       |



**Annex 8b: Reconnaissance visit and Public Consultation Meeting (PVG - CP003)  
(Roung Damrei village (3), Cheung Phnum commune, Bar Phnum district)**

| Reconnaissance visit   |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
|--|--------|-----------|----------------|---------------|------|--------|----------|----------|-----------|---------------|---|-----------|-----------|---------------|---------------|---|-----------|----------------|---------------|
| (Local authorities and PMU/PIU teams)<br>Date: 26 <sup>th</sup> Oct 2021<br>No of participants: 2<br>No of women: 0<br>Army camp chief: Mr. Pol Sovannndy<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff  |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Gender</th> <th>Location</th> <th>Position</th> <th>Telephone</th> </tr> </thead> <tbody> <tr> <td>Pol Sovannndy</td> <td>M</td> <td>Army Camp</td> <td>Commander</td> <td>+855977009696</td> </tr> <tr> <td>Sin Chan Rith</td> <td>M</td> <td>Army Camp</td> <td>Vice Commander</td> <td>+855978755565</td> </tr> </tbody> </table>   |        |           |                |               | Name | Gender | Location | Position | Telephone | Pol Sovannndy | M | Army Camp | Commander | +855977009696 | Sin Chan Rith | M | Army Camp | Vice Commander | +855978755565 |
| Name   | Gender | Location  | Position       | Telephone     |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| Pol Sovannndy  | M      | Army Camp | Commander      | +855977009696 |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| Sin Chan Rith  | M      | Army Camp | Vice Commander | +855978755565 |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 26 Oct 2021 and the army commander agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 50 x 50 meters and a total land area of 2,500 sq. meters, a depth of 4 meters a water surface area of 2,500 sq. meters.</li> <li>- The army commander also confirmed that the pond was on public land within the army encampment and that he would sign the certification letter to that effect.</li> </ul>   |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| Public consultation meeting  |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| (Local community members, village leader and landowner)<br>Date: 20 Dec 2021<br>No. of participants: 18<br>No. of women: 0<br>Army Camp Chief: Mr. Pol Sovannndy<br>Facilitators: Mr. SAO Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff.   |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| Summary of discussions   |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 50 by 50 meters and a total land area of 2,500 square meters, a water surface area of 1,098 square meters and a volume when full of 4,392 m<sup>3</sup>.</li> <li>- It was confirmed by the army commander that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village leader and village development committee members. (The certification letter is dated 30 May 2022 and is shown in Annex 2 - Page 2).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the army commander but there were no issues raised by the meeting participants.</li> <li>- The army commander agreed to identify the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |        |           |                |               |      |        |          |          |           |               |   |           |           |               |               |   |           |                |               |

Public consultation meeting (20 Dec 2021) - Participant List and photo (PVG - CP003)



**គម្រោងជំរុញសមត្ថភាពផលិតកាមជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIIB\_Loan L046A

**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃកិច្ចប្រជុំ: ពិភាក្សាអំពីការសាងសង់ស្រះ  
Objectives of the Meeting


ទីកន្លែងប្រជុំ Location of Meeting: ភូមិសាងសង់ ឃុំ ទឹកដីធ្លី ស្រុក ត្បូងឃ្មុំ ខេត្ត កំពង់ចាម  
កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២០ ខែ ធ្នូ ឆ្នាំ ២០២១ / Date: ..... Month ..... Year .....

ម៉ោងចាប់ផ្តើម Started Time: ៩:៣០ ម៉ោងបញ្ចប់ Ended Time: ៥:០០ pm  
ចំនួនអ្នកចូលរួមសរុប: ១៥ នាក់ ស្រី: ០ នាក់ ប្រុស: ១៥ នាក់

Total of participants : ..... Male: ..... Female: .....

| No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/ស្ថានភាព<br>Occupation | ទីកន្លែងធ្វើការ/ អង្គភាព<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ ហត្ថលេខា<br>Thumb/ Signature |
|----|---|------------|-------------------------------|--|--------------------------|---|
| 1  | ស្រី ប៊ុនរី                             | ប្រុស      | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 2  | ប្រុស កុំ ឈ្មោះ                         | ប្រុស      | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 3  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 4  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 5  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 6  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 7  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |

| No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/ស្ថានភាព<br>Occupation | ទីកន្លែងធ្វើការ/ អង្គភាព<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ ហត្ថលេខា<br>Thumb/ Signature |
|----|---|------------|-------------------------------|--|--------------------------|---|
| 8  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 9  | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 10 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 11 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 12 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 13 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 14 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 15 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 16 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 17 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |
| 18 | ស្រី ឈ្មោះ                              | ស្រី       | អាជីវករ                       | សាលាស្រី                                 | ០៩៥៥៥៥៥៥                 | [Signature]                             |






**Annex 8c: Reconnaissance visit and Public Consultation Meeting (PVG - CP004)  
(Prey Khlout village, Smaong Tboung commune, Kamchay Mear district)**

| Reconnaissance visit  |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
|---|--------|---------------|---------------|--------------|------|--------|----------|----------|-----------|----------------|---|---------------|---------------|--------------|
| (Local authority and PMU/PIU teams)   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Date: 27 <sup>th</sup> Oct 2021   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| No of participants: 1   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| No of women: 0  |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Commune chief: Mr. Khiev Sam Oeun   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Facilitator: Mr. SAO Botumroath, PMU ESS & PIU staff  |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Gender</th> <th>Location</th> <th>Position</th> <th>Telephone</th> </tr> </thead> <tbody> <tr> <td>Khiev Sam Oeun</td> <td>M</td> <td>Smaong Tboung</td> <td>Commune chief</td> <td>+85512324775</td> </tr> </tbody> </table>   |        |               |               |              | Name | Gender | Location | Position | Telephone | Khiev Sam Oeun | M | Smaong Tboung | Commune chief | +85512324775 |
| Name  | Gender | Location      | Position      | Telephone    |      |        |          |          |           |                |   |               |               |              |
| Khiev Sam Oeun  | M      | Smaong Tboung | Commune chief | +85512324775 |      |        |          |          |           |                |   |               |               |              |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 27 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 45 x 60 meters and a total land area of 2,700 sq. meters, a depth of 4 meters a water surface area of 1,750 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned within the pagoda and that he would sign the certification letter to that effect.</li> </ul>   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Public consultation meeting   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| (Local community members, monks and village leader)   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Date: 23 Dec 2021   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| No. of participants: 24   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| No. of women: 4   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Commune Chief: Mr.Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff   |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| Summary of discussions  |        |               |               |              |      |        |          |          |           |                |   |               |               |              |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 45 by 60 meters and a total land area of 2,700 square meters, a water surface area of 1,750 square meters and a volume when full of 7,000 m<sup>3</sup>.</li> <li>- It was noted that the pond will have smaller dimensions than the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village leader and village development committee members. (The certification letter is dated 24 May 2022 and is shown in Annex 2 - Page 2).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |        |               |               |              |      |        |          |          |           |                |   |               |               |              |

Public consultation meeting (23 Dec 2021) - Participant List and photo (PVG - CP004)



**គម្រោងពង្រឹងសមត្ថភាពផលិតកាតជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIB\_Loan L0448A

**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃកិច្ចប្រជុំ: ជ្រុះជួញដូរស្តីពីការសាងសង់ស្រះស្តុកទឹកសម្រាប់ប្រជាជនជនបទ

ទីកន្លែងប្រជុំ Location of Meeting: ភូមិ ជ្រោយចង្វារ ឃុំ ជ្រោយចង្វារ ស្រុក កំពង់ស្ពឺ ខេត្ត កំពង់ចាម

កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី 23 ខែ 12 ឆ្នាំ 2021 / Date: ..... Month ..... Year .....


ម៉ោងចាប់ផ្តើម Started Time: ៩:០០ am ម៉ោងបញ្ចប់ Ended Time: ១១:៣០ am

ចំនួនអ្នកចូលរួមសរុប: 24 នាក់ ស្រី: 4 នាក់ ប្រុស: 20 នាក់

Total of participants : ..... Male: ..... Female: .....

| ល.រ<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/អាជីវកម្ម<br>Occupation | ទីកន្លែងក្រុមគ្រួសារ<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | តួអក្សរ/ហត្ថលេខា<br>Thumb/Signature |
|-----------|---|------------|--------------------------------|--------------------------------------|--------------------------|-------------------------------------|
| 1         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 2         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 3         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 4         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 5         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 6         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 7         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |
| 8         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 018321444                | ឈ្មោះ                               |

| ល.រ<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/អាជីវកម្ម<br>Occupation | ទីកន្លែងក្រុមគ្រួសារ<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | តួអក្សរ/ហត្ថលេខា<br>Thumb/Signature |
|-----------|---|------------|--------------------------------|--------------------------------------|--------------------------|-------------------------------------|
| 9         | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 10        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 11        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 12        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 13        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 14        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 15        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 16        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 17        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   | 098326084                | ឈ្មោះ                               |
| 18        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 19        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 20        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 21        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 22        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 23        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |
| 24        | ឈ្មោះ កុំភៀន                            | ប          | ស្រាវជ្រាវ                     | ក្រុមប្រឹក្សាភិបាល                   |                          | ឈ្មោះ                               |



**Annex 8d: Reconnaissance visit and Public Consultation Meeting  
(Chvang village 1 & 2), Pratheat commune, Kampong Trabaek district: PVG - CP005 & 006)**

| Reconnaissance visit   |        |          |                 |            |
|--|--------|----------|-----------------|------------|
| (Local authorities and PMU/PIU teams)<br>Date: 25 <sup>th</sup> Oct 2021<br>No of participants: 1<br>No of women: 0<br>Commune councillor: Mr. Yoem Roeun<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff  |        |          |                 |            |
| Name   | Gender | Location | Position        | Telephone  |
| Mr. Yoem Roeun   | M      | Pratheat | Commune council | 0969998749 |
|  |        |          |                 |            |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date for both ponds will be effective from 25 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed Chvang (1) pond was agreed with the dimensions of 70 x 70 meters and a total land area of 4,900 sq. meters, a depth of 4 meters a water surface area of 3,000 sq. meters.</li> <li>- The design of the proposed enlarged Chvang (2) pond was agreed with the dimensions of 53 x 59 meters and a total land area of 3,127 sq. meters, a depth of 4 meters a water surface area of 2,107 sq. meters.</li> <li>- The commune chief also confirmed that both ponds are located on public land owned within the commune and that he would sign the certification letter to that effect.</li> </ul>   |        |          |                 |            |
| Public consultation meeting  |        |          |                 |            |
| (Local community members, village leader)<br>Date: 21 Dec 2021<br>No. of participants: 19<br>No. of women: 3<br>Commune chief: Mr. Ngoun SAM OL<br>Facilitators: Mr. SAO Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff   |        |          |                 |            |
| Summary of discussions   |        |          |                 |            |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community Chvang (1) pond rehabilitation in this village that will have an increased overall dimension of 70 by 70 meters and a total land area of 4,900 square meters, a water surface area of 3,000 square meters and a volume when full of 12,000 m<sup>3</sup>.</li> <li>- A description was provided of the proposed Chvang (2) community pond rehabilitation in this village that will have an increased overall dimension of 53 by 59 meters and a total land area of 3,127 square meters, a water surface area of 2,107 square meters and a volume when full of 8,428 m<sup>3</sup>.</li> <li>- It was noted that both ponds will have larger dimensions than the existing ponds.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of both ponds and have this witnessed by the village leader and village development committee members. (The certification letter is dated 30 May 2022 and is shown in Annex 2 - Page 3).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |        |          |                 |            |



Public consultation meeting (23 Dec 2021) - Participant List and photo (PVG - CP005 & 006)



**គម្រោងពង្រឹងសមត្ថភាពផលិតកម្មជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIIB Loan L0446A

**បញ្ជីអ្នកចូលរួម** - Attendance List

គោលបំណងនៃកិច្ចប្រជុំ: ប្រជុំពិភាក្សាស្តីពីការសាងសង់ស្រះស្តុកទឹក (ប្រភេទស្រះស្តុកទឹកស្រោចស្រែ និងស្រះស្តុកទឹកស្រោចផ្ទះ)

ទីកន្លែងប្រជុំ Location of Meeting: ភូមិ គោក ឃុំ គោក ឃុំ គោក ស្រុក គោក ខេត្ត គោក

កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២៣ ខែ ធ្នូ ឆ្នាំ ២០២១ / Date: ..... Month: ..... Year: .....

ម៉ោងចាប់ផ្តើម Started Time: ៨:៣០ ម៉ោងបញ្ចប់ Ended Time: ១០:០០ ម៉ោង

ចំនួនអ្នកចូលរួមសរុប: ១៧ នាក់ ប្រុស: ១៦ នាក់ ស្រី: ១ នាក់

Total of participants: ..... Male: ..... Female: ១ ស្រី ២ ប្រុស

| ល.រ | ឈ្មោះអ្នកចូលរួម | ភេទ   | មុខរបរ/មុខងារ | ទីកន្លែង/អង្គភាព | លេខទូរស័ព្ទ | ហត្ថលេខា/ឆ្នាំ |
|-----|-----------------|-------|---------------|------------------|-------------|----------------|
| 1.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |
| 2.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |
| 3.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |
| 4.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |
| 5.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |
| 6.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |
| 7.  | ស្រី គោក        | ប្រុស | កសិករ         | ភូមិ គោក         | ០៩៦៤៤៤៤៤    |                |

|     |          |       |       |          |          |  |
|-----|----------|-------|-------|----------|----------|--|
| 8.  | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 9.  | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 10. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 11. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 12. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 13. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 14. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 15. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 16. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 17. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 18. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |
| 19. | ស្រី គោក | ប្រុស | កសិករ | ភូមិ គោក | ០៩៦៤៤៤៤៤ |  |







**Annex 8e: Reconnaissance visit and Public Consultation Meeting  
(Krachab village, Peam Montear commune, Kampong Trabaek district: PVG - CP007)**

| <b>Reconnaissance visit</b>   |               |                 |                 |                  |
|---|---------------|-----------------|-----------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 26 <sup>th</sup> Oct 2021<br>No of participants: 1<br>No of women: 0<br>School principal: Mr. Nil Vun<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff  |               |                 |                 |                  |
| <b>Name</b>   | <b>Gender</b> | <b>Location</b> | <b>Position</b> | <b>Telephone</b> |
| Mr. Nil Vun   | M             | Krachab         | Principal       | +855715263173    |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 26 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 50 x 70 meters and a total land area of 3,500 sq. meters, a depth of 4 meters a water surface area of 2,400 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land that is within the school compound and that he would sign the certification letter to that effect.</li> </ul>  |               |                 |                 |                  |
| <b>Public consultation meeting</b>  |               |                 |                 |                  |
| (Local community members, village leader and school principal)<br>Date: 21 Dec 2021<br>No. of participants: 12<br>No. of women: 0<br>Commune Chief: Mr. Lay Seap<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff   |               |                 |                 |                  |
| <b>Summary of discussions</b>   |               |                 |                 |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 50 by 70 meters and a total land area of 3,500 square meters, a water surface area of 2,400 square meters and a volume when full of 9,600 m<sup>3</sup>.</li> <li>- The pond is located within the school compound and the school principal confirmed that the local residents will have free access to the water resources from the pond.</li> <li>- It was noted that the pond will have smaller dimensions than the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the school principal. (The certification letter is dated 26 May 2022 and is shown in Annex 2 - Page 4).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                 |                 |                  |

## Public consultation meeting (21 Dec 2021) - Participant List and photo (PVG - CP007)

**គម្រោងពង្រឹងសមត្ថភាពផលិតករជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIB\_Loan L046A

**បញ្ជីអ្នកចូលរួម** Attendance List

គោលបំណងនៃការប្រជុំ: ដើម្បីពិភាក្សាអំពីការងារសាងសង់ស្រះស្តុកទឹកសម្រាប់ប្រជាជន (ក្រុងស្រះទឹកទី១).....

ទីកន្លែងប្រជុំ Location of Meeting: ភូមិ ភ្នំបាណ្ឌូ ឃុំ តាមនាគរ ឃុំ ស្រុក កំពង់ឆ្នាំង ខេត្ត កំពង់ឆ្នាំង.....

កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២១ ខែ ១២ ឆ្នាំ ២០២១ / Date: 21 / Month 12 / Year 2021

ម៉ោងចាប់ផ្តើម Started Time: ៨:០០ am ម៉ោងបញ្ចប់ Ended Time: ១០:០០ pm

ចំនួនអ្នកចូលរួមសរុប: ១២ នាក់ ប្រុស: ៧ នាក់ ប្រុស: ៥ នាក់

Total of participants: ..... Male: ..... Female: .....

| ល.រ<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/កូន<br>Occupation | ស្ថាប័ន/អង្គការ<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ហត្ថលេខា<br>Thumb/Signature |
|-----------|---|------------|--------------------------|---------------------------------|--------------------------|---------------------------------------|
| ៨         | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ៩         | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១០        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១១        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១២        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៣        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៤        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៥        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៦        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៧        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |

| ល.រ<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/កូន<br>Occupation | ស្ថាប័ន/អង្គការ<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ហត្ថលេខា<br>Thumb/Signature |
|-----------|---|------------|--------------------------|---------------------------------|--------------------------|---------------------------------------|
| ៨         | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ៩         | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១០        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១១        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១២        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៣        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៤        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៥        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៦        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |
| ១៧        | លោក វ៉ាន់ វ៉ាន់                         | ប          | សាងសង់                   | គ្រឹះស្ថាន                      | ០៩៩៩៩៩៩                  |                                       |



**Annex 8f: Reconnaissance visit and Public Consultation Meeting  
(Ponhea Kaeut village, Cheang Daek commune, Kampong Trabaek district: PVG - CP008)**

| Reconnaissance visit   |               |                 |                 |                  |
|--|---------------|-----------------|-----------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 26 <sup>th</sup> Oct 2021<br>No of participants: 2<br>No of women: 1<br>Village chief: Mr. Sun Som Oun<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff  |               |                 |                 |                  |
| <b>Name</b>  | <b>Gender</b> | <b>Location</b> | <b>Position</b> | <b>Telephone</b> |
| Sun Som Oun  | M             | Tuol Ponhea     | Village chief   | +855975264794    |
| Meach Syna   | F             | Tuol Ponhea     | Villager        | +855966306656    |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 26 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 48 x 80 meters and a total land area of 3,840 sq. meters, a depth of 4 meters a water surface area of 2,660 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul>   |               |                 |                 |                  |
| Public consultation meeting  |               |                 |                 |                  |
| (Local community members, village leader and landowner)<br>Date: 21 Dec 2021<br>No. of participants: 23<br>No. of women: 5<br>Commune chief: Mr. Lay Soth<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff   |               |                 |                 |                  |
| Summary of discussions   |               |                 |                 |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 50 by 70 meters and a total land area of 3,500 square meters, a water surface area of 2,400 square meters and a volume when full of 9,600 m<sup>3</sup>.</li> <li>- The pond is located on public land that is owned by the commune.</li> <li>- It was noted that the pond will have larger dimensions and increased area than the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee members. (The certification letter is dated 27 May 2022 and is shown in Annex 2 - Page 4).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                 |                 |                  |

- Public consultation meeting (21 Dec 2021) - Participant List and photo (PVG - CP008)

**គម្រោងពង្រឹងសមត្ថភាពផលិតកាតជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIB\_Loan LD446A

**បញ្ជីវត្តមាន - Attendance List**

គោលបំណងនៃកិច្ចប្រជុំ: ដំណោះស្រាយបញ្ហាដែលបានកើតឡើងក្នុងការអភិវឌ្ឍន៍ (បង្កើនផលិតផល).....

ទីកន្លែងប្រជុំ Location of Meeting: ភូមិ ខ្នាតចំការ... ឃុំ ទន្លេសាប... ស្រុក កំពង់ស្ពឺ... ខេត្ត កំពង់ចាម...

កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២១ ខែ ១២ ឆ្នាំ ២០២១ / Date: ..... Month ..... Year .....

ម៉ោងចាប់ផ្តើម Started Time: ២:០០ ព្រឹក ម៉ោងបញ្ចប់ Ended Time: ៥:០០ ព្រឹក

ចំនួនអ្នកចូលរួមសរុប: ២៩ នាក់ ប្រុស: ៥ នាក់ ប្រុស: ..... នាក់

Total of participants : ..... Male: ..... Female: ២៤ នាក់

| No.1<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/អាជីព<br>Occupation | ទីកន្លែងកើត/អង្គភាព<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ចុះហត្ថលេខា/ហត្ថលេខា<br>Thursil/Signature |
|------------|---|------------|----------------------------|-------------------------------------|--------------------------|---|
| 1          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | សង្កាត់                             | ០៩៧៨១១១                  |   |
| 2          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |
| 3          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |
| 4          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |
| 5          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |
| 6          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |
| 7          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |
| 8          | ឈ្មោះ ឈុន                               | ប          | សាងសង់                     | -                                   | ០៩៨៨១១១                  |   |

|    |           |   |        |         |          |    |
|----|-----------|---|--------|---------|----------|----|
| 12 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 13 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 14 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 15 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 16 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 17 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 18 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 19 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 20 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |
| 21 | ឈ្មោះ ឈុន | ប | សាងសង់ | សង្កាត់ | 09724100 | CS |






**Annex 8g: Reconnaissance visit and Public Consultation Meeting  
(Ansaong village, Ansaong commune, Kampong Trabaek district: PVG - CP009)**

| Reconnaissance visit   |               |                 |                 |                  |
|--|---------------|-----------------|-----------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 26 Oct 2021<br>No of participants: 3<br>No of women: 1<br>Vice village chief: Mr. CHEA Sarun<br>Facilitator: Mr. SAO Botumroath, PMU ESS & PIU staff  |               |                 |                 |                  |
| <b>Name</b>  | <b>Gender</b> | <b>Location</b> | <b>Position</b> | <b>Telephone</b> |
| Chea Moeun   | M             | Ansaong         | Villager        |                  |
| Chea Sarun   | M             | Ansaong         | Village chief   | +855976704533    |
| Seang Sam Oeun   | F             | Ansaong         | villager        |                  |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 26 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 50 x 50 meters and a total land area of 2,500 sq. meters, a depth of 4 meters a water surface area of 2,209 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul>   |               |                 |                 |                  |
| Public consultation meeting  |               |                 |                 |                  |
| (Local community members, village leader)<br>Date: 21 Dec 2021<br>No. of participants: 17<br>No. of women: 11<br>Commune Chief: Mr. Un Chan<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff   |               |                 |                 |                  |
| Summary of discussions   |               |                 |                 |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 50 by 50 meters and a total land area of 2,500 square meters, a water surface area of 22,209 square meters and a volume when full of 8,836 m<sup>3</sup>.</li> <li>- It was confirmed that the pond will have reduced dimensions and a smaller area than the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 27 May 2022 and is shown in Annex 2 - Page 5).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                 |                 |                  |

## Public consultation meeting (21 Dec 2021) - Participant List and photo (PVG - CP009)

ប្រជុំសាធារណៈ  
ថ្ងៃ 11 ធ្នូ  
ឆ្នាំ 2021  
ពេលវេលា 4:30pm - 5:15pm

| ល.រ<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/តួនាទី<br>Occupation | ទីកន្លែងធ្វើការ/ អង្គភាព<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ស្នាមមេដៃ/ ហត្ថលេខា<br>Thumb/ Signature |
|-----------|---|------------|-----------------------------|--|--------------------------|---|
| 1         | កូន ឈុន                                 | ប.         | សាងសង់                      | ឧស្សាហកម្ម                               | 098516352                |   |
| 2         | គឹម សារី                                | ប          | កសិករ                       | សហគមន៍                                   | 096848992                |   |
| 3         | គឹម សារី                                | ប          | កសិករ                       | "  | 0976704533               |   |
| 4         | គឹម សារី                                | ប          | កសិករ                       | "  | 091951355                |   |
| 5         | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 6         | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 7         | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 8         | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 9         | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 10        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 11        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 12        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 13        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 14        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 15        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 16        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |
| 17        | គឹម សារី                                | ប          | កសិករ                       | "  |                          |   |



**Annex 8h: Field visits and Public Consultation Meetings**  
**(Kraol village, Kouk Khchak commune, Kampong Trabaek district: PVG - CP010,**  
**Kou Kraok village, Kouk Khchak commune, Kampong Trabaek district: PVG - CP011,**  
**Skar village, Kouk Khchak commune, Kampong Trabaek district: PVG - CP012)**

| Reconnaissance visit  |        |            |                    |              |
|---|--------|------------|--------------------|--------------|
| (Local authorities and PMU/PIU teams)<br>Date: 25-Oct-2021<br>No of participants: 1<br>No of women: 0<br>Commune councillor: Mr. Ouk Yaem<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff   |        |            |                    |              |
| Name  | Gender | Location   | Position           | Telephone    |
| Ouk Yaem  | M      | Kou Khchak | Commune councillor | +85569954600 |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date for all three ponds will be effective from 25 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> </ul> <b>Kraol village (CP010)</b> <ul style="list-style-type: none"> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 44 x 53 meters and a total land area of 2,332 sq. meters, a depth of 4 meters a water surface area of 1,200 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul> <b>Kou Kraok village (CP011)</b> <ul style="list-style-type: none"> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 45 x 45 meters and a total land area of 2,056 sq. meters, a depth of 4 meters a water surface area of 1,056 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul> <b>Skar village (CP012)</b> <ul style="list-style-type: none"> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 45 x 60 meters and a total land area of 2,700 sq. meters, a depth of 4 meters a water surface area of 1,140 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul> |        |            |                    |              |
| Public consultation meeting   |        |            |                    |              |
| (Local community members, village leader)<br>Date: 22-Dec-2021<br>No. of participants: 15<br>No. of women: 1<br>Commune councillor: Mr. Ouk Yeam<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff   |        |            |                    |              |
| Summary of discussions  |        |            |                    |              |
| <b>Kraol village (CP010)</b> <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 44 by 53 meters and a total land area of 2,332 square meters, a water surface area of 1,200 square meters and a volume when full of 4,800 m<sup>3</sup>.</li> <li>- It was confirmed that the pond will have altered dimensions but almost the same area as the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 30 May 2022 and is shown in Annex 2 - Page 5).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul>  |        |            |                    |              |

**Summary of discussions (cont.,)****Kou Kraok village (CP011)**

- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 45 by 45 meters and a total land area of 2,056 square meters, a water surface area of 1,056 square meters and a volume when full of 4,224 m<sup>3</sup>.
- It was confirmed that the pond will have reduced dimensions but will have a slightly smaller area compared with the existing pond.
- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 30 May 2022 and is shown in Annex 2 - Page 6).
- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.
- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.
- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.

**Skar village (CP012)**

- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 45 by 60 meters and a total land area of 2,700 square meters, a water surface area of 1,140 square meters and a volume when full of 4,560 m<sup>3</sup>.
- It was confirmed that the pond will have increased dimensions and an increased area compared with the existing pond.
- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 30 May 2022 and is shown in Annex 2 - Page 6).
- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.
- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.
- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.



Public consultation meeting (22 Dec 2021) - Participant List and photo (PVG - CP0010, 11 & 12)

**គម្រោងជ្រឹងសមត្ថភាពផលិតកាតជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIB Loan 10446A

**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃការជួបប្រជុំ: ... ដើម្បីពិភាក្សាអំពីការសាងសង់ប្រព័ន្ធបង្កើនទឹកស្រាវជ្រាវ  
Objectives of the Meeting: ... to discuss the construction of the water supply system

ទីតាំងជួបប្រជុំ: ភូមិស្រែចម្ការ, ឃុំ កោះកុង, ស្រុកកោះកុង, ខេត្តកោះកុង  
Location of Meeting: Village, Commune, District, Province

កាលបរិច្ឆេទ: ថ្ងៃទី ២២ ខែ ១២ ឆ្នាំ ២០២១ / Date: Month Year

ពេលវេលាចាប់ផ្តើម: ៨:៣០ ពេល / Started Time: 8:30 AM  
ពេលវេលាបញ្ចប់: ១០:៣០ ពេល / Ended Time: 10:30 AM

ចំនួនអ្នកចូលរួមសរុប: ១៥ នាក់ / Total of participants: 15 people  
ប្រភេទ: ១៤ នាក់ / Male: 14 people  
ស្រី: ១ នាក់ / Female: 1 person

| ល.រ<br>No. | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/មុខងារ<br>Occupation | ទីតាំង/ភូមិ/ឃុំ<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ហត្ថលេខា<br>Thumb/Signature |
|------------|---|------------|-----------------------------|---------------------------------|--------------------------|-----------------------------|
| 1.         | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | ភូមិស្រែចម្ការ                  | ០៩៩៥១៤០០                 | [Signature]                 |
| 2.         | ក្រីក្រ. វិចិត្រ                        | ប          | "                           | "                               | ០៩២១១១០០                 | [Signature]                 |
| 3.         | សាវណ្ណ. វិចិត្រ                         | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | ភូមិស្រែចម្ការ                  | ០៩៩៥១៤០០                 | [Signature]                 |
| 4.         | ស្រី. វិចិត្រ                           | ស          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៩៥១៤០០                 | [Signature]                 |
| 5.         | ស្រី. វិចិត្រ                           | ស          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៩៥១៤០០                 | [Signature]                 |
| 6.         | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | ភូមិស្រែចម្ការ                  | ០៩៩៥១៤០០                 | [Signature]                 |
| 7.         | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | ភូមិស្រែចម្ការ                  | ០៩៩៥១៤០០                 | [Signature]                 |
| 8.         | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | ភូមិស្រែចម្ការ                  | ០៩៩៥១៤០០                 | [Signature]                 |

| ល.រ<br>No | ឈ្មោះអ្នកចូលរួម<br>Name of participants | ភេទ<br>Sex | មុខរបរ/មុខងារ<br>Occupation | ទីតាំង/ភូមិ/ឃុំ<br>Organization | លេខទូរស័ព្ទ<br>Phone No. | ហត្ថលេខា<br>Thumb/Signature |
|-----------|---|------------|-----------------------------|---------------------------------|--------------------------|-----------------------------|
| 9         | ស្រី. វិចិត្រ                           | ស          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | ភូមិស្រែចម្ការ                  | ០៩៩៥១៤០០                 | [Signature]                 |
| 10        | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | "                        | [Signature]                 |
| 11        | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៦៦៩៩៩៩                 | [Signature]                 |
| 12        | សាវណ្ណ. វិចិត្រ                         | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៩៥១៤០០                 | [Signature]                 |
| 13        | សាវណ្ណ. វិចិត្រ                         | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៩៥១៤០០                 | [Signature]                 |
| 14        | ស្រី. វិចិត្រ                           | ស          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៩៥១៤០០                 | [Signature]                 |
| 15        | ក្រីក្រ. វិចិត្រ                        | ប          | មន្ត្រីក្រុមប្រឹក្សាភិបាល   | "                               | ០៩៩៥១៤០០                 | [Signature]                 |



**Annex 8i: Reconnaissance visit and Public Consultation Meeting  
(Chh'oeng Chumnir village, Kanhchriech commune, Kanhchriech district: PVG - CP013)**

| Reconnaissance visit   |               |                 |                    |                  |
|--|---------------|-----------------|--------------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 27-Oct-2021<br>No of participants: 2<br>No of women: 0<br>Commune chief: Mr. Nil Someth<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff   |               |                 |                    |                  |
| <b>Name</b>  | <b>Gender</b> | <b>Location</b> | <b>Position</b>    | <b>Telephone</b> |
| Nil Someth   | M             | Kanhchriech     | Commune chief      | +855976668581    |
| Chen Mom   | M             | Kanhchriech     | Commune councillor | 0977228343       |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 27 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 32 x 42 meters and a total land area of 1,344 sq. meters, a depth of 4 meters a water surface area of 720 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul>   |               |                 |                    |                  |
| Public consultation meeting  |               |                 |                    |                  |
| (Local community members, village leader)<br>Date: 23-Dec-2021<br>No. of participants: 9<br>No. of women: 1<br>Commune Chief: Mr. Nil Someth<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff.   |               |                 |                    |                  |
| Summary of discussions   |               |                 |                    |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 32 by 42 meters and a total land area of 1,344 square meters, a water surface area of 720 square meters and a volume when full of 2,880 m<sup>3</sup>.</li> <li>- It was confirmed that the pond will have larger dimensions and an increased area compared with the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 24 May 2022 and is shown in Annex 2 - Page 7).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                 |                    |                  |

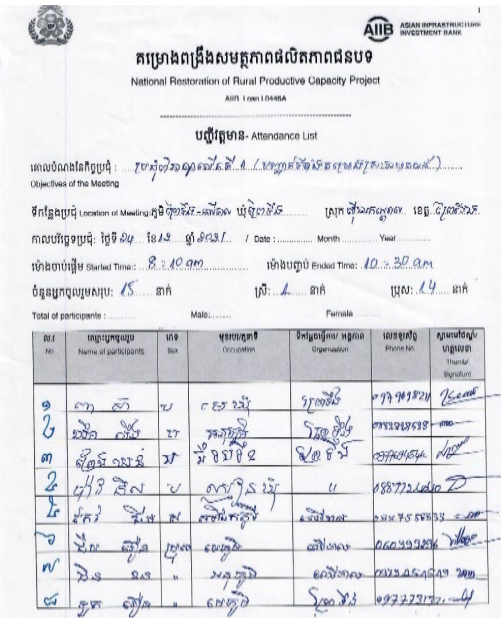
[illegible]

**Annex 8j: Reconnaissance visit and Public Consultation Meeting**  
**(Prey Totueng village, Prey Tueng commune, Sithor Kandal district: PVG - CP014)**

| Reconnaissance visit  |               |                 |                    |                  |
|---|---------------|-----------------|--------------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 27-Oct-2021<br>No of participants: 2<br>No of women: 0<br>Commune councillor: Mr. Heap Sopheap<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff   |               |                 |                    |                  |
| <b>Name</b>   | <b>Gender</b> | <b>Location</b> | <b>Position</b>    | <b>Telephone</b> |
| Heap Sopheap  | M             | Prey Tueng      | Commune chief      | +855319617778    |
| Khoem Loeng   | M             | Prey Totueng    | Vice village chief | 0882828328       |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 27 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 80 x 111 meters and a total land area of 8,880 sq. meters, a depth of 4 meters a water surface area of 5,704 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul>   |               |                 |                    |                  |
| Public consultation meeting   |               |                 |                    |                  |
| (Local community members, village leader)<br>Date: 24-Dec-2021<br>No. of participants: 15<br>No. of women: 1<br>Commune Chief: Mr. Pea Sear<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff.   |               |                 |                    |                  |
| Summary of discussions  |               |                 |                    |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 80 by 111 meters and a total land area of 8,880 square meters, a water surface area of 5,704 square meters and a volume when full of 22,816 m<sup>3</sup>.</li> <li>- It was confirmed that the pond will have slightly larger dimensions and an increased area compared with the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 23 May 2022 and is shown in Annex 2 - Page 7).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                 |                    |                  |



Public consultation meeting (22 Dec 2021) - Participant List and photo (PVG - CP0014)



**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃកិច្ចប្រជុំ: ប្រជុំសម្រាប់ការពិភាក្សាអំពីការកសាងស្រះស្រោចទឹកស្រូវ (សម្រាប់សហគមន៍...) (Objectives of the Meeting: ...)

ទីកន្លែងប្រជុំ: ភូមិស្រែចម្ការ - ឃុំស្រែចម្ការ, ស្រុកស្រែចម្ការ, ខេត្តស្រែចម្ការ (Location of Meeting: Village - Commune, District, Province)


កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២២ ខែ ១២ ឆ្នាំ ២០២១ / Date: ... Month ... Year

ពេលវេលាប្រជុំ: ពេលវេលាចាប់ផ្តើម: ១០:០០ ពេលវេលាបញ្ចប់: ១២:៣០ (Meeting Time: Start Time: ... End Time: ...)

ចំនួនអ្នកចូលរួមសរុប: ១៥ នាក់ ប្រុស: ៤ នាក់ ស្រី: ១១ នាក់ (Total of participants: ... Male: ... Female: ...)

| ល.រ | ឈ្មោះអ្នកចូលរួម | ភេទ | មុខរបរ/ស្ថានភាព | ទីកន្លែង/ស្ថាប័ន | លេខទូរស័ព្ទ | ហត្ថលេខា/ស្នាមមេដៃ |
|-----|-----------------|-----|-----------------|------------------|-------------|--------------------|
| ១   | ...             | ... | ...             | ...              | ...         | ...                |
| ២   | ...             | ... | ...             | ...              | ...         | ...                |
| ៣   | ...             | ... | ...             | ...              | ...         | ...                |
| ៤   | ...             | ... | ...             | ...              | ...         | ...                |
| ៥   | ...             | ... | ...             | ...              | ...         | ...                |
| ៦   | ...             | ... | ...             | ...              | ...         | ...                |
| ៧   | ...             | ... | ...             | ...              | ...         | ...                |
| ៨   | ...             | ... | ...             | ...              | ...         | ...                |
| ៩   | ...             | ... | ...             | ...              | ...         | ...                |
| ១០  | ...             | ... | ...             | ...              | ...         | ...                |
| ១១  | ...             | ... | ...             | ...              | ...         | ...                |
| ១២  | ...             | ... | ...             | ...              | ...         | ...                |
| ១៣  | ...             | ... | ...             | ...              | ...         | ...                |
| ១៤  | ...             | ... | ...             | ...              | ...         | ...                |
| ១៥  | ...             | ... | ...             | ...              | ...         | ...                |

| ល.រ | ឈ្មោះអ្នកចូលរួម | ភេទ | មុខរបរ/ស្ថានភាព | ទីកន្លែង/ស្ថាប័ន | លេខទូរស័ព្ទ | ហត្ថលេខា/ស្នាមមេដៃ |
|-----|-----------------|-----|-----------------|------------------|-------------|--------------------|
| ១៦  | ...             | ... | ...             | ...              | ...         | ...                |
| ១៧  | ...             | ... | ...             | ...              | ...         | ...                |
| ១៨  | ...             | ... | ...             | ...              | ...         | ...                |
| ១៩  | ...             | ... | ...             | ...              | ...         | ...                |
| ២០  | ...             | ... | ...             | ...              | ...         | ...                |
| ២១  | ...             | ... | ...             | ...              | ...         | ...                |
| ២២  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៣  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៤  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៥  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៦  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៧  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៨  | ...             | ... | ...             | ...              | ...         | ...                |
| ២៩  | ...             | ... | ...             | ...              | ...         | ...                |
| ៣០  | ...             | ... | ...             | ...              | ...         | ...                |



Unnamed Road, Cambodia

Prey Veng Province  
Cambodia


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2021-12-24(Fri) 08:18(AM)

**Annex 8k: Field visits and Public Consultation Meetings**  
**(Prey Daeum Thnoeng Ti Bei village, Prey Daeum Thnoeng commune, Sithor Kandal district: PVG - CP015)**

| Reconnaissance visit   |        |                    |                    |               |
|--|--------|--------------------|--------------------|---------------|
| (Local authorities and PMU/PIU teams)<br>Date: 27-Oct-2021<br>No of participants: 2<br>No of women: 0<br>Commune chief: Mr. Thong Sakhorn<br>Facilitator: Mr. Sao Botumroath, PMU ESS & PIU staff  |        |                    |                    |               |
| Name   | Gender | Location           | Position           | Telephone     |
| Thong Sakhorn  | M      | Prey Daeum Thnoeng | Commune chief      | +855972681206 |
| Khen Sroeun  | M      | PreyDaeumThnoeng   | Vice Village chief | 0882259615    |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 27 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 50 x 64 meters and a total land area of 3,200 sq. meters, a depth of 4 meters a water surface area of 1,498 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land owned by the commune and that he would sign the certification letter to that effect.</li> </ul>   |        |                    |                    |               |
| Public consultation meeting  |        |                    |                    |               |
| (Local community members, village leader)<br>Date: 22-Dec-2021<br>No. of participants: 21<br>No. of women: 3<br>Commune Chief: Mr. Thong Sakhorn<br>Facilitators: Mr. Sao Botumroath, PMU ESS, Mr. Phok Ratha, WE, Ms. Khaim Sophornn WASH Specialist & PIU staff.   |        |                    |                    |               |
| Summary of discussions   |        |                    |                    |               |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 50 by 64 meters and a total land area of 3,200 square meters, a water surface area of 1,498 square meters and a volume when full of 5,994 m<sup>3</sup>.</li> <li>- It was confirmed that the pond will have smaller dimensions and a reduced area compared with the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond and have this witnessed by the village development committee. (The certification letter is dated 23 May 2022 and is shown in Annex 2 - Page 8).</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |        |                    |                    |               |

Public consultation meeting (27 Dec 2021) - Participant List and photo (PVG - CP0015)



**គម្រោងជម្រុញសមត្ថភាពផលិតភាពជនបទ**  
National Restoration of Rural Productive Capacity Project  
AIRR, Loan ID446A

**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃការប្រជុំ: ... ព្រះរាជាណាចក្រកម្ពុជា ...  
Objectives of the Meeting

ទីកន្លែងប្រជុំ Location of Meeting: ភូមិសាស្ត្រស្រែចម្ការ ឃុំ ទីស្រែចម្ការ ស្រុក ទីស្រែចម្ការ ខេត្ត កំពង់ឆ្នាំង  
កាលបរិច្ឆេទប្រជុំ Date: ថ្ងៃទី 28 ខែ 12 ឆ្នាំ 2021 / Day: Month Year


ម៉ោងចាប់ផ្តើម Started Time: 11:00 am ម៉ោងបញ្ចប់ Ended Time: 3:00 pm

ចំនួនអ្នកចូលរួមចំនួន: ៨៧ នាក់ ប្រុស: 18 នាក់ ប្រុស: 18 នាក់

Total of participants: Male: Female:

| No. | Name of participant | Sex | Occupation | Organization | Phone No. | Signature |
|-----|---------------------|-----|------------|--------------|-----------|-----------|
| 1   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 2   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 3   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 4   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 5   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 6   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 7   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 8   | គុំ សុខា            | ប   | កសិករ      | កសិករ        | 097268206 |           |

| No. | Name of participants | Sex | Occupation | Organization | Phone No. | Signature |
|-----|----------------------|-----|------------|--------------|-----------|-----------|
| 9   | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 10  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 11  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 12  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 13  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 14  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 15  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 16  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 17  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 18  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 19  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 20  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |
| 21  | គុំ សុខា             | ប   | កសិករ      | កសិករ        | 097268206 |           |



Q99Q+WRH, Sithor Kandal District, Cambodia  
Sithor Kandal District  
Prey Veng Province  
Cambodia  
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**Annex 8I: Reconnaissance visit and Public Consultation Meeting  
(Damrei Puon village, Chamkar Kuoy Lech commune, Svay Antor district: PVG - CP016)**

| Reconnaissance visit   |               |                    |                    |                  |
|--|---------------|--------------------|--------------------|------------------|
| (Local authorities and PMU/PIU teams)<br>Date: 26-Oct-2021<br>No of participants: 1<br>No of women: 0<br>School Principal: Mr. Lam Song<br>Facilitator: Mr. Sao Botumroath, PMU ESS  |               |                    |                    |                  |
| <b>Name</b>  | <b>Gender</b> | <b>Location</b>    | <b>Position</b>    | <b>Telephone</b> |
| Thong Sakhorn  | M             | Prey Daeum Thnoeng | Commune chief      | +855972681206    |
| Khen Sroeun  | M             | PreyDaeumThnoeng   | Vice Village chief | 0882259615       |
| <ul style="list-style-type: none"> <li>- It was confirmed that the cut-off date will be effective from 26 Oct 2021 and the commune chief agreed to ensure that there was no further utilization of the land within the agreed Col from that date.</li> <li>- The design of the proposed enlarged pond was agreed with the dimensions of 30 x 80 meters and a total land area of 2,400 sq. meters, a depth of 4 meters a water surface area of 1,400 sq. meters.</li> <li>- The commune chief also confirmed that the pond was on public land and is located within the school compound.</li> </ul>   |               |                    |                    |                  |
| Public consultation meetings   |               |                    |                    |                  |
| (Local residents, high school principal and PMU/PIU teams)<br>Date: 22-Dec-2021<br>No. of participants: 24<br>No. of women: 5<br>School Principal: Mr. Lam Song<br>Facilitator: Mr. Sao Botumroath - PMU ESS, Mr. Phok Ratha - WE, Ms. Khaim Sophornn - WASH Specialist & PIU staff  |               |                    |                    |                  |
| Summary of discussions   |               |                    |                    |                  |
| <ul style="list-style-type: none"> <li>- A description was provided of the proposed community pond rehabilitation in this village that will have an overall dimension of 30 by 80 meters and a total land area of 2,400 square meters, a water surface area of 1,400 square meters and a volume when full of 5,600 m<sup>3</sup>.</li> <li>- It was confirmed that the pond will have larger dimensions and an increased area compared with the existing pond.</li> <li>- It was confirmed by the commune chief that he would sign an official certification of the ownership of the land at the site of the pond together with the school principal. (The certification letter is dated 24-May 2022 and is shown in Annex 2 - Page 8).</li> <li>- The school principal confirmed that the local residents would have free access to the pond.</li> <li>- Some of the school teachers requested that the pond be equipped solar panels to power an electric water pump for extraction of the water from the pond.</li> <li>- There was also an agreement reached on the site of a borrow pit where the soil excavated from the site of the pond will be deposited.</li> <li>- The mechanism for the GRM was clearly understood and the logbook provided to the commune chief but there were no issues raised by the meeting participants.</li> <li>- The village leader proposed the names of suitable people to be elected as the committee members of the WSUG.</li> </ul> |               |                    |                    |                  |



Public consultation meeting (22 Dec 2021) - Participant List and photo (PVG - CP0016)

**គម្រោងជម្រុញសមត្ថភាពផលិតកម្មកសិកម្ម**  
National Restoration of Rural Productive Capacity Project  
AIB\_Loan L0446A

**បញ្ជីអ្នកចូលរួម - Attendance List**

គោលបំណងនៃកិច្ចប្រជុំ: .....  
Objectives of the Meeting

ទីកន្លែងប្រជុំ Location of Meeting: ភូមិ បឹងក្រវាញ ឃុំ សិរីសោភ័ណ ខេត្ត កំពង់ចាម  
Date: ..... Month: ..... Year: .....

កាលបរិច្ឆេទប្រជុំ: ថ្ងៃទី ២២ ខែ ១២ ឆ្នាំ ២០២១ / Date: ..... Month: ..... Year: .....

ម៉ោងចាប់ផ្តើម Started Time: ១៥:០០ ម៉ោងបញ្ចប់ Ended Time: ១៦:០០

ចំនួនអ្នកចូលរួមសរុប: ២៤ នាក់ ប្រុស: ១៩ នាក់ ស្រី: ៥ នាក់

Total of participants: ..... Male: ..... Female: .....

| No | ឈ្មោះអ្នកចូលរួម | ភេទ | មុខរបរ/ស្ថានភាព | ស្ថានភាព/អង្គភាព | លេខទូរស័ព្ទ | ហត្ថលេខា/ឈ្មោះ |
|----|-----------------|-----|-----------------|------------------|-------------|----------------|
| 1  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 098894449   |                |
| 2  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 088999999   |                |
| 3  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 089999999   |                |
| 4  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 085999999   |                |
| 5  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 096640000   |                |
| 6  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 015999999   |                |
| 7  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 095669999   |                |
| 8  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |

| No | ឈ្មោះអ្នកចូលរួម | ភេទ | មុខរបរ/ស្ថានភាព | ស្ថានភាព/អង្គភាព | លេខទូរស័ព្ទ | ហត្ថលេខា/ឈ្មោះ |
|----|-----------------|-----|-----------------|------------------|-------------|----------------|
| 9  | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 10 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 11 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 12 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 13 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 14 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 15 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 16 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 17 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 18 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 19 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 20 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 21 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 22 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 23 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |
| 24 | ឈ្មោះ អ្នក      | ប   | សាងសង់          | ស្ថាប័ន          | 099999999   |                |



Annex 9: Project Information Booklet (PIB)



**គម្រោង ពង្រឹងសមត្ថភាពផលិតកម្មកសិកម្ម**

(ក្រោមសម្ភាររូបវន្តស្តារឡើងវិញ ២០២០)

National Restoration of Rural Productive Capacity (NRRPC) Project  
(Under the COVID-19 Crisis Recovery Facility)

**ផ្តល់ហិរញ្ញប្បទានដោយរាជរដ្ឋាភិបាលកម្ពុជាតាមរយៈ  
ធនាគារវិនិយោគអាស៊ានសម្ព័ន្ធនៃកម្ពុជា** (កម្មវិធី L0446A)

Financed by the Government of the Kingdom of Cambodia  
through AIIB, Loan L0446A

**ស្ថាប័នប្រតិបត្តិការគម្រោង ក្រសួងអភិវឌ្ឍន៍ជនបទ**

Executing Agency: Ministry of Rural Development (MRD)

**ក. សាវតារគម្រោង**

រាជរដ្ឋាភិបាលកម្ពុជាបានទទួលកម្មវិធីធនាគារវិនិយោគហេដ្ឋារចនាសម្ព័ន្ធអាស៊ីជាហិរញ្ញប្បទាននៃគម្រោងពង្រឹងសមត្ថភាពផលិតកម្មកសិកម្ម។ គម្រោងនេះត្រូវបានកំណត់ជាអាទិភាពចម្បងរបស់រាជរដ្ឋាភិបាលដើម្បីឆ្លើយតបទៅនឹងជំងឺកូវីដ-១៩ ហើយជាផ្នែកមួយនៃកម្មវិធីហេដ្ឋារចនាសម្ព័ន្ធជនបទ របស់ធនាគារ AIIB សម្រាប់ផ្តល់ហិរញ្ញប្បទានក្នុងការឆ្លើយតបទៅនឹងកូវីដ-១៩។ ក្រសួងអភិវឌ្ឍន៍ជនបទជាស្ថាប័នប្រតិបត្តិការគម្រោង ជាអ្នកទទួលខុសត្រូវ ដូចជា សម្របសម្រួលគម្រោងរៀបចំផែនការ គ្រប់គ្រងហិរញ្ញវត្ថុ ធ្វើលទ្ធកម្ម ពិនិត្យតាមដាន និងវាយតម្លៃ។ រយៈពេលនៃការអនុវត្តគម្រោង ចាប់ពីខែកុម្ភៈឆ្នាំ២០២១ ដល់ខែមិថុនា ២០២៤។

**A. Project Background:** The Government of the Kingdom of Cambodia (RGC) has received a loan from Asian Infrastructure Investment Bank (AIIB) in the form of a loan to assist in financing the National Restoration of Rural Productive Capacity Project (NRRPCP). This project has been identified as an immediate priority of the Government of the Kingdom of Cambodia (RGC) CoVID-19 response and is a part of the proposed comprehensive rural infrastructure

program to be funded under the AIIB CoVID-19 Crisis Response Facility to strengthen the RGC financial resources that have been impacted by the pandemic. The Executing Agency (EA) for NRRPCP is the Ministry of Rural Development (MRD) and is responsible for overall project coordination, planning, financial management, procurement and monitoring and evaluation (M&E). The Project implementation period is from February 2021 to June 2024.

**ក.១. ផ្នែកហេដ្ឋារចនាសម្ព័ន្ធជនបទ**

មានចំនួនទឹកប្រាក់ ៥៦.២លានដុល្លារ ក្នុងនោះកម្មវិធីធនាគារ AIIB ចំនួន ៤៩.៦លានដុល្លារ។ ផ្នែកហេដ្ឋារចនាសម្ព័ន្ធជនបទរួមមាន៖ ការកែលម្អផ្លូវតាមលំនាំចាស់ដែលមានប្រវែង ២៣៥គ.ម សំណង់ស្ថានភាព ប្រព័ន្ធបង្ហូរទឹកដែលទទួលបាន និងកែលម្អដើម្បីឱ្យកាន់តែងាយស្រួលក្នុងការធ្វើដំណើរទៅផ្សារ សាលារៀន មណ្ឌលសុខភាព និងស្របតាមគោលនយោបាយនៃការអភិវឌ្ឍប្រកបដោយចីរភាពដោយបង្កើតតំបន់ជនបទនឹងទីប្រជុំជន នៅតាមរាជធានី-ខេត្ត ព្រមទាំងបន្តទៅនឹងបម្រែបម្រួលអាកាសធាតុ។ មានការកែលម្អដោយប្រើបច្ចេកទេសថ្មី ដូចជាការដាក់ក្រដាសបែក តាមជម្រាលផ្លូវ រួមផ្សំជាមួយនឹងការប្រើសម្ភារៈក្នុងមូលដ្ឋាន ដើម្បីផ្តល់សុវត្ថិភាពជូនដល់អ្នកប្រើជើង និងអ្នកជិះកង់ ព្រមទាំងលើកកម្ពស់សុវត្ថិភាពផ្លូវជនបទ។

**Sub-Component A1- Rural Road Infrastructure** (USD 56.20 million, of which AIIB financing: USD 49.60 million): This will include: (i) upgrading and climate proofing of about 235 kilometers of existing rural roads; (ii) adaptation of unstable bridges and collapsed drainage systems to improve access to markets, schools and health centers and sustain urban-rural linkages within the provinces as well as with the national capital and increase climate resilience; and (iii) greening of the embankments using bioengineered solutions and indigenous materials to accommodate safe walking and cycling and promote rural roads' safety

**ក.២. ផ្នែកវិនិយោគសាងសង់ និងអនាម័យជនបទ**

មានចំនួនទឹកប្រាក់ ៧.៣លានដុល្លារ ក្នុងនោះកម្មវិធីធនាគារ AIIB ចំនួន ៦.៤លានដុល្លារ។ ផ្នែកទឹកស្អាត និងអនាម័យជនបទរួមមាន៖ ការស្តារស្រះសហគមន៍ចំនួន ៧៥ ដោយប្រើបច្ចេកទេសសមស្របសម្រាប់ធ្វើជម្រាលស្រះទឹកឡើងវិញ។ ស្រះសហគមន៍ដែលត្រូវសាងសង់ថ្មីចំនួន ៧៥ រួមទាំងផ្តល់ជូននូវវិក្កាទឹកស្អាត ការសំអាត និងអនាម័យ។ គួរផែនទីដើម្បីកំណត់ទីតាំងប្រើប្រាស់ទឹកស្អាតក្នុងភូមិ ដែលមានចម្ងាយពី

២៥០ម៉ែត្រ ទៅ ៣៥០ម៉ែត្រ ដើម្បីសម្រាលបន្ទុកដល់ស្ត្រី និងកុមារ។ ជាពិសេស ដើម្បីលើកកម្ពស់ទឹកស្អាត ការសំអាត និងអនាម័យ យើងក៏មានការផ្សព្វផ្សាយនូវវិធានការការពារជំងឺកូវីដ-១៩ តាមរយៈការលាងសម្អាតដៃឱ្យបានស្អាតល្អ ជូនដល់ជនងាយរងគ្រោះនៅតំបន់ជនបទ ព្រមទាំងរៀងគរ ប្រជាពលរដ្ឋក្នុងសហគមន៍ឱ្យយល់ដឹងពីដំណើរការនៃការបំបាត់ និងការប្រើប្រាស់ ទឹកស្អាត ការសំអាត និងអនាម័យដែលជាផ្នែកមួយនៃការទប់ស្កាត់នៃការរីករាលដាលនៃជំងឺកូវីដ-១៩ ជាបន្ទាន់។

**Sub-Component A2 - Water Sanitation and Hygiene** (USD 7.30 million of which AIIB financing: USD 6.40 million): This will include: (i) Restoring and climate proofing of about 75 community ponds with a strengthening of the embankments using bioengineered solutions; (ii) construction of 75 new community ponds and associated WASH facilities; (iii) mapping of safe water access points in the village within a 250 to 350 meters range from each house to reduce water duties allocated to women and children; (iv) promoting sanitation and hygiene, especially hand-washing practices to deliver basic CoVID-19 prevention measures to the vulnerable groups of the rural population; and (v) community mobilization for the design, operations and maintenance and raising community awareness on safe water use, sanitation and hygiene improvements as part of CoVID-19 primary emergency response

**ខ. យន្តការដោះស្រាយបណ្តឹង**

យន្តការដោះស្រាយបណ្តឹងត្រូវបានបង្កើតតាមខត្តនីមួយៗ ដើម្បីដោះស្រាយបណ្តឹងតវ៉ាស្របតាមគោលនយោបាយកិច្ចការពារសុវត្ថិភាពបរិស្ថាននិងសង្គមរបស់ធនាគារវិនិយោគហេដ្ឋារចនាសម្ព័ន្ធអាស៊ី។ ប្រជាពលរដ្ឋក្នុងសហគមន៍ អាចចូលមើលយន្តការដោះស្រាយបណ្តឹង និងបង្ហាញជាកង្វល់នៃផលប៉ះពាល់នានាបានតួយ៉ាងក្រុមជនងាយរងគ្រោះ ដែលមានស្ត្រី និងយុវជនជាដើម។ ក្នុងនោះ ការទទួលពាក្យបណ្តឹងអាចធ្វើបានតាមរយៈការជួបផ្ទាល់ ការផ្ញើលិខិតជាលាយលក្ខណ៍អក្សរនិងតាមរយៈទូរស័ព្ទបូក អ៊ីម៉ែល។ នីតិវិធីបណ្តឹងតវ៉ា នឹងស្រាយបំភ្លឺឱ្យបានកាន់តែច្បាស់នៅក្នុងក្របខណ្ឌផែនការ គ្រប់គ្រងបរិស្ថាននិងសង្គមដែលមាន ៤ ដំណាក់កាលដូចជា៖

**B. Grievance Redress Mechanism:** A GRM has been established in each province in compliance with the AIIB ESS and as required in the Project ESMPF to avoid and address community concerns and assist the project to maximize environmental and social benefits. The GRM is accessible to diverse members of the



community, including vulnerable groups such as women and youth. Multiple points of entry, including in person meetings, written complaints, telephone conversations and e-mail are available. The GRM is fully explained and elaborated in the Project ESMFP and includes the following four stages:

**ដំណាក់កាលទី១៖**

គ្រួសារដែលប៉ះពាល់អាចដាក់ពាក្យបណ្តឹងឬប្តឹងផ្ទាល់មាត់ ឬដាក់លិខិតជាលាយលក្ខណ៍អក្សរទៅកាន់មេភូមិនិងមេឃុំ។ អ្នកទទួលពាក្យបណ្តឹងនឹងកត់ត្រាបញ្ជាក់ពីសេចក្តី និងដើមហេតុនៃពាក្យបណ្តឹង។ ដោយឡែកបើស្ថិតក្នុង អំឡុងពេល១៥ថ្ងៃ ម្ចាស់បណ្តឹងមិនបានទទួលដំណឹងពីអ្នកទទួលពាក្យបណ្តឹងឬមិនពេញចិត្តនឹងដំណោះស្រាយនោះម្ចាស់បណ្តឹងអាចនាំយកពាក្យបណ្តឹងរបស់ខ្លួនទៅការិយាល័យថ្នាក់ស្រុក។

**Stage 1:** An AP can present their complaints and grievances verbally or in writing to the village chief, commune chief. The receiving agent will be obliged to provide immediate written confirmation of receiving the complaint. If after 15 days the aggrieved AP does not hear from the village and commune chief, if s/he is not satisfied with the decision taken in the first stage, the complaint may be brought to the District Office.

**ដំណាក់កាលទី២៖**

ការិយាល័យស្រុកនឹងដោះស្រាយពាក្យបណ្តឹងក្នុងរយៈពេល ១៥ ថ្ងៃ ជូនម្ចាស់បណ្តឹង។ បើសិនជាបណ្តឹងរបស់លោកអ្នកនៅតែមិនបានដោះស្រាយនៅដំណាក់កាលនេះទេ ការិយាល័យស្រុកនឹងបញ្ជូនពាក្យបណ្តឹងទៅអនុគណៈកម្មការបណ្តឹងតវ៉ាខេត្ត ជាអ្នកដោះស្រាយបន្ត។

**Stage 2:** The District Office has 15 days within which to resolve the complaint to the satisfaction of all concerned. If the complaint cannot be solved at this stage, the District Office will bring the case to the Provincial Grievance Redress Committee (PGRC).

**ដំណាក់កាលទី៣៖**

អនុគណៈកម្មការបណ្តឹងតវ៉ាខេត្ត នឹងជួបជាមួយម្ចាស់បណ្តឹងហើយដោះស្រាយបណ្តឹង។ បន្ទាប់មកអនុគណៈកម្មការខេត្តស្នើឱ្យពិនិត្យឡើងវិញ និងវាស់វែងលំអិត តាមរយៈក្រុមការងារភូមិបាលស្រុក។ ក្នុងរយៈពេល ៣០ថ្ងៃ នៃការដាក់ពាក្យបណ្តឹង

អនុគណៈកម្មការបណ្តឹងតវ៉ាខេត្ត ត្រូវសម្រេចជាលាយលក្ខណ៍អក្សររួចដាក់ជូនទៅសមាជិកអនុគណៈកម្មការខេត្ត ក៏ដូចក្រសួងអភិវឌ្ឍន៍ជនបទ និងគ្រួសារដែលប៉ះពាល់/ម្ចាស់បណ្តឹង។

**Stage 3:** The PGRC will meet with the aggrieved party to try to resolve the situation. The Committee may ask for a review of the detailed measurement survey by the DLMUPCC. Within 30 days of the submission of the grievance, the PGRC must make a written decision and submit copies to the PGRC members, the MRD/PMU and the AP(s).

**ដំណាក់កាលទី៤៖**

ប្រសិនបើពាក្យប្តឹងនៅមិនទាន់ដោះស្រាយពីអនុគណៈកម្មការបណ្តឹងតវ៉ាខេត្ត ឬ ម្ចាស់បណ្តឹងមិនពេញចិត្តនឹង ដំណោះស្រាយ ពួកគាត់អាចបន្តដាក់ពាក្យបណ្តឹងទៅកាន់ តុលាការខេត្តដែលនេះជា ដំណាក់កាលចុងក្រោយ នៃពាក្យបណ្តឹង។ តុលាការនឹងរៀបចំសេចក្តីសម្រេចជាលាយលក្ខណ៍អក្សរ និងដាក់ជូនមកក្រសួងអភិវឌ្ឍន៍ជនបទ/ អង្គភាពគ្រប់គ្រងគម្រោងមន្ទីរអភិវឌ្ឍន៍ជនបទ និងគ្រួសារដែលប៉ះពាល់/ម្ចាស់បណ្តឹង។ បើភាគីណាម្នាក់នៅតែមិនពេញចិត្ត ជាមួយនិងការកាត់ក្តីរបស់តុលាការខេត្តពួកគាត់អាចឡើងទៅថ្នាក់លើបន្តទៀត។

**Stage 4:** If the aggrieved AP does not hear from the PGRC or is not satisfied, s/he can bring the case to Provincial Court. This is the final stage for adjudicating complaints. The Court will make a written decision and submit copies to the MRD/PMU, PDRD and the AP(s). If any party is still unsatisfied with the Provincial Court judgment, he or she can bring the case to a higher-level court.

ប្រសិនបើលោកអ្នកមានមន្ទិល កង្វល់ ការបញ្ចេញមតិ ការព្រួយបារម្ភ ឬបណ្តឹងតវ៉ាទាក់ទងទៅនឹងហេតុផលប៉ះពាល់ជាអវិជ្ជមានរបស់គម្រោងទៅលើបរិស្ថាន ទ្រព្យសម្បត្តិ និងជនជាតិដើមភាគតិចសូមមេត្តាទាក់ទងតាមរយៈ៖

If you have any complaint relating to the negative impacts of this Project on your environment, property/assets, and indigenous peoples please contact via:

➢ មន្ត្រីទទួលបណ្តឹងថ្នាក់មូលដ្ឋាន៖

ឃុំ ជីផុច លោក ព្រំ ឃឿន

ទូរស័ព្ទ : +855 12 553 448

ឃុំ ប្រេស លោក សន ឈឿន

ទូរស័ព្ទ : +855 89 844 497

➢ អង្គភាពអនុវត្តគម្រោងព្រៃវែង PIU:

លោក ឡុក វ៉ឺ

ទូរស័ព្ទ : +855 12 89 95 67

E-mail:

➢ អង្គភាពគ្រប់គ្រងគម្រោង PMU:

លោកស្រី ចេង ម៉ារឌី

ទូរស័ព្ទ : +855 66 93 53 63

E-mail: [chengmarady123@gmail.com](mailto:chengmarady123@gmail.com)

## Annex 10: Generic ESMP for ponds

| Potential impacts and issues  | Nature of Impacts   | Significance | Duration     | Mitigation measures and/or safeguards   | Costs                           | Who is implementing   | Who is supervising  |
|---|---|--------------|--------------|---|---------------------------------|---|---|
| <b>Pre-construction</b>   |   |              |              |   |                                 |   |   |
| The subproject is impacted by future climate change.                        | Increased temperatures may lead to increased rates of evaporation affecting the storage retention capacity of the pond.   | D3           | Long-term    | <ul style="list-style-type: none"> <li>Alternative designs for new pond construction and restoration of existing pond will incorporate all relevant recommendations, specifications and guidelines to tailor the type of ponds.</li> </ul>                  | Included in the subproject cost | Design consultant   | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Grievance Redress Mechanism (GRM) not established                           | Local authority through its existing commune/ Sangkat complaint mechanism with transparent box. MRD/EA schedules to train PIU and confirm the establishment of GRM for each subproject. | D1           | Short-term   | <ul style="list-style-type: none"> <li>Immediate action for any complaint regarding new construction of pond and restoration of existing ponds</li> </ul>   | Included in the subproject cost | Affected persons and/or voluntary donator for infrastructure subproject               | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Incorporation of generic ESMP into contract documents/bidding               | Environmental and social measures in this ESMP or Environmental Code of Practice need to be binding so that they will be fully implemented  | D3           | At tendering | <ul style="list-style-type: none"> <li>Preparation of the environment section in the ToR for bidders and environmental contract clauses for contractors comprising the special conditions for the protection of soil, water &amp; air resources.</li> </ul> | Design cost                     | Design consultants/EAs & contractors  | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Identification of loss of pond embankment fruit trees and commercial timber | Fruit trees and other commercial timbers usually planting/growing at the embankment of ponds  | D2           | Medium term  | <ul style="list-style-type: none"> <li>Tree clearing should be avoided as much as possible, and if unavoidable, the damaged trees need to be replaced by re-planting new trees.</li> <li>Incorporate replanting costs in the subproject cost</li> </ul>     | Included in the subproject cost | Design consultant & PIU & PMU – WASH Manager (WASH focal point) Safeguard Specialists | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Loss of natural trees /protected area for borrow pits                       | If the designated borrow pit is on protected area/natural trees   | D2           | Medium term  | <ul style="list-style-type: none"> <li>Develop alternative uses for borrow pit areas where it will have no negative impact on livelihoods and protected areas</li> <li>Incorporation of replacing damages during Project/subproject design.</li> </ul>      | Included in the subproject cost | Contractor PMU – WASH Officer, WASH Specialist and Safeguard Specialists              | Local authorities, PIU/PMU, WASH manager, safeguards and gender |



| Potential impacts and issues                                  | Nature of Impacts  | Significance | Duration    | Mitigation measures and/or safeguards  | Costs                           | Who is implementing   | Who is supervising  |
|---|--|--------------|-------------|--|---------------------------------|---|---|
| Potential loss of agricultural land for borrow pits           | If the designated borrow pit is on agricultural land (fertilizer)  | D2           | Medium term | <ul style="list-style-type: none"> <li>Develop alternative uses for borrow pit areas where there is negative impact on livelihood and protected areas.</li> <li>Incorporation of replacing damages during Project/subproject design.</li> </ul>  | Included in the subproject cost | Contractor PMU – WASH Officer, Specialist Safeguard Specialists | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Presence of landmines and UXO                                 | Project works will take place in areas that are already well trafficked. Thus, it is not likely to have a significant landmines/UXO risk. PLN and KKG target subprojects provinces will conduct public consultations/field assessment about the landmines/UXO risk at the proposed subproject site. However, a borrow pit site is unknown yet that it could be harmful on landmines/UXO? | D3           | Medium term | <ul style="list-style-type: none"> <li>Subprojects will construct either new ponds or restoration of existing ponds. Nevertheless, risks remain since there may be deep seated mines that could be exploded by construction equipment, for instance in PLN and KKG provinces, hence consultative meetings with local communities are necessary to identify where there are risks of landmines/UXO. Unsafe areas should be cleared before civil works starts in cooperation with CMAC. .</li> </ul> | Included in the subproject cost | Contractor PMU – WASH Officer, Specialist Safeguard Specialists | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Presence of cemeteries  | Earthen tomb/stupa in pagoda/common place are located near/vicinity of community ponds   | D3           | Long Term   | <ul style="list-style-type: none"> <li>Avoiding or reducing the impacts by Preventing/built embankment of water catchment flow into community pond.</li> </ul>   | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards  | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Need for resettlement/ land acquisition                       | Private assets including land and economic trees   | D3           | Long Term   | <ul style="list-style-type: none"> <li>Included in Resettlement Plan, if any. otherwise, it is recommended to prepare DDR.</li> </ul>  | Included in the subproject cost | Contractor/subcontractors' Social and GDR                       | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| <b>Construction</b>   |  |              |             |  |                                 |   |   |
| Excavated soil and other demolishing/ decommissioning/ debris | Restoration and new construction of community ponds  | D2           | Short-term  | <ul style="list-style-type: none"> <li>The excavated soil will be used for the pond embankment, access road and filling the other part of ponds as needed.</li> <li>If trucks transporting excavated soil, debris to other places through populated they should be covered by tarpaulin or similar materials and truck wheels have to be cleaned before transporting the debris/soils.</li> </ul>  | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards  | Local authorities, PIU/PMU, WASH manager, safeguards and gender |

| Potential impacts and issues         | Nature of Impacts  | Significance | Duration   | Mitigation measures and/or safeguards   | Costs                           | Who is implementing  | Who is supervising  |
|--------------------------------------|--|--------------|------------|---|---------------------------------|--|---|
|                                      |  |              |            | <ul style="list-style-type: none"> <li>The awarded contractor is accountable for designated dumping site for excavated soil and other decommissioning /demolition/debris from ponds</li> </ul>  |                                 |  |   |
| Dust generation                      | Dust caused by the transportation of construction materials and goods (contractors and/or commuters/passengers/drivers operators)  | D2           | Short-term | <ul style="list-style-type: none"> <li>The contractor/sub-contractor will be required to: <ul style="list-style-type: none"> <li>- Spray water at least twice a day on unpaved areas, haul roads and exposed dust-prone stockpiles. Increase frequency of water spraying during windy conditions.</li> <li>- During removal of existing pavement and during backfilling, conduct water spraying to suppress dust.</li> <li>- Control vehicle speed to less than 20 km/h in unpaved areas. Post the notice on the construction works.</li> <li>- Trucks carrying dry construction materials such as earth; aggregate will be covered with tarpaulins or other suitable cover.</li> </ul> </li> </ul> | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Noise and vibration                  | Noise caused by the concentration of machinery working in one area, plus haulage vehicles, excavations can cause a range of impacts from nuisance to health problems. Noise near schools, health centres, and pagoda can disrupt services. | D2           | Short-term | <ul style="list-style-type: none"> <li>Construction/excavation of ponds after 6pm within 300m of residences shall be strictly prohibited.</li> <li>During daytime construction/excavation of ponds, the contractor will ensure that: Temporary anti-noise barriers will be installed to shield sensitive receptors (if any) within 50m of the construction site.</li> </ul>   | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Generation of solid and liquid waste | The solid wastes are caused mainly from/by camp sites, kitchen, human waste, and debris of construction materials.   | D2           | Short-term | <ul style="list-style-type: none"> <li>Manage general solid and liquid waste from construction in line with Government regulations, and will cover, collection, handling, transport, recycling, and disposal of waste created from construction activities and worker force.</li> <li>Make clear arrangements for storage and transportation of all hazardous and non-hazardous waste to an authorized and approved disposal point (approved by Provincial Department of Environment).</li> <li>Store all solid waste in containers with lids, more than 25m from all surface water, water supplies, and cultural and ecological</li> </ul>   | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |

| Potential impacts and issues                        | Nature of Impacts   | Significance | Duration   | Mitigation measures and/or safeguards   | Costs                           | Who is implementing  | Who is supervising  |
|---|---|--------------|------------|---|---------------------------------|--|---|
|   |   |              |            | sensitive receptors.<br><ul style="list-style-type: none"> <li>Prohibit burning of waste at all times;</li> <li>Provide all vehicles/drivers with plastic bags for waste collection and prevent any unauthorized waste disposal with particular attention paid to prevention of waste entering water ways including drainage ditches</li> <li>Provide a schedule of solid and liquid waste pickup and disposal must be established and followed that ensures construction sites are as clean as possible.</li> <li>All spills must be cleaned up completely with all contaminated soil removed.</li> </ul>  |                                 |  |   |
| Community Environmental Health and Safety (EHS)     | Causing by construction plant and equipment operations during civil work implementations                        | D2           | Short-term | <ul style="list-style-type: none"> <li>The contractor should prepare a Community Environmental Health and Safety Plan which should be developed in consultation with affected communities and local authorities/PIU/PMU.</li> <li>Restrict access to the construction site, barricades, night lighting and signage on open trenches and excavation areas (if any).</li> <li>Park at designated area.</li> <li>Workers need to be aware of the following general rules: (i) no alcohol/drugs on-site; (ii) prevent excessive noise; (iii) no illegal activities such as, but not limited to gambling, and hunting farm animals in the area; (iv) trespassing on private/commercial properties adjoining the site is forbidden; (v) no littering</li> </ul> | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Occupational Environmental Health and Safety (OEHS) | Staff and workers Occupational Environmental Health and Safety during operations of civil works implementations | D2           | Short-term | <ul style="list-style-type: none"> <li>The occupational safety plan should have provisions on (i) providing personal protective equipment (PPE) like hard hats, safety gloves, ear muffers to all workers; (ii) providing occupational health and safety training to all workers (i.e. first aid measures, prevention of malaria, diarrhea, HIV/AIDS);</li> <li>A trained first aid personnel and health facility should be provided on site and in</li> </ul>  | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |

| Potential impacts and issues                    | Nature of Impacts  | Significance | Duration   | Mitigation measures and/or safeguards  | Costs                           | Who is implementing  | Who is supervising  |
|---|--|--------------|------------|--|---------------------------------|--|---|
|   |  |              |            | camp site. <ul style="list-style-type: none"> <li>Potable water and sanitary facilities should be provided to workers and staff.</li> <li>The contractor/ subcontractor should incorporate on the health and safety plan the education of workers and staff about sexually transmitted disease (if any).</li> </ul>  |                                 |  |   |
| Generation of employment                        | Skilled/Unskilled workers are needed/created during the lifespan of civil work implementations | (+)          | Short-term | <ul style="list-style-type: none"> <li>The contractor/subcontractor should employ from local villages/communes including woman unskilled workers.</li> </ul>   | Included in construction cost   | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |
| Implementation of Construction Workers and Camp | Contamination of water, soil, waste production and social issues                               | D2           | Short term | <ul style="list-style-type: none"> <li>If a camp for construction workers is required, the contractor will set out a management plan which includes:               <ul style="list-style-type: none"> <li>A map showing camp lay out, welfare facilities, and first aid kit locations.</li> <li>Accommodation facilities including separate toilets for male and female workers, adequate drainage to prevent flooding, security including a no weapons policy and waste disposal areas.</li> <li>Pit latrines to be located at least 200m from surface waters, and in areas of suitable soil profiles and above the groundwater levels</li> <li>A clean-out or infill schedule for pit latrines must be established and implemented to ensure working latrines are available at all times.</li> <li>Firefighting equipment will be provided in all camps and will have adequate signage and prescribed testing intervals.</li> <li>Plan of how camp areas will be restored to original condition after construction completed</li> </ul> </li> <li>If a construction camp is not required, the contractor will not require a Management Plan but will:</li> </ul> | Included in the subproject cost | Included in the subproject cost                                | Local authorities, PIU/PMU, WASH manager, safeguards and gender |



| Potential impacts and issues | Nature of Impacts  | Significance | Duration   | Mitigation measures and/or safeguards   | Costs                           | Who is implementing   | Who is supervising  |
|------------------------------|--|--------------|------------|---|---------------------------------|---|---|
|                              |  |              |            | <ul style="list-style-type: none"> <li>- Provide adequate waste disposal facilities including garbage cans for workers.</li> <li>- Provide welfare facilities including water for washing, drinking and include facilities for male and female workers</li> <li>- Provide toilets for male and female construction workers with a cleaning schedule</li> <li>- The contractor will give priority to local labour force and retain evidence of how local labour recruitment efforts were undertaken.</li> <li>• The contractor will ensure training is delivered to construction workers on the following and the contractor will provide a training schedule: <ul style="list-style-type: none"> <li>- HIV Aids education awareness</li> <li>- Cambodian laws for foreign labour regarding hunting, fishing and traffic rules</li> <li>- Grievance Redress Mechanism – how to deal with affected people who make a complaint to a worker</li> <li>- Occupational Health and Safety and Emergency Procedures.</li> <li>- Prevention of CoVID-19 pandemic; Health and Safety</li> </ul> </li> </ul> |                                 |   |   |
| Gender violence based        | Unsafe workplace environment due to offensive, abusive or violent behavior | D2           | Short-term | <ul style="list-style-type: none"> <li>• The contractor will be required to maintain a safe and secure site environment with zero tolerance of gender based violence (GBV), sexual exploitation and abuse (SEA) and sexual harassment (SH) by ensuring: <ul style="list-style-type: none"> <li>- People treat each other with respect and do not discriminate against specific groups such as women, gays, people with disabilities, migrant workers or children.</li> <li>- There is zero tolerance of sexual harassment, which includes unwelcome sexual advances, requests for sexual favors and other unwanted</li> </ul> </li> </ul>   | Included in the subproject cost | Contractor/ subcontractors' Social and Environmental Safeguards | Local authorities, PIU/PMU, WASH manager, safeguards and gender |

| Potential impacts and issues | Nature of Impacts        | Significance | Duration  | Mitigation measures and/or safeguards  | Costs                           | Who is implementing  | Who is supervising  |
|------------------------------|--------------------------|--------------|-----------|--|---------------------------------|--|---|
|                              |                          |              |           | <p>verbal or physical conduct of a sexual nature including individual under the age of 18.</p> <ul style="list-style-type: none"> <li>- There is respectful engagement with the local community and/or APs without intimidation, threats and coercive behavior.</li> <li>- The possession of drugs and alcohol is prohibited while workers are on duty and ensuring that all workers return to labor camps no later than 22.00 hrs.</li> <li>• All workers both male and female are aware of their rights and of the GRM that can be used for reporting any violations.</li> </ul>   |                                 |  |   |
| CoVID-19 pandemic            | Worldwide and nationwide | D4           | Long-term | <ul style="list-style-type: none"> <li>• The contractor will provide safe, suitable and comfortable accommodation, kitchen, dining and sanitary facilities (toilet and bath); with an ample supply of clean water and the bathrooms have liquid soap provided for hand washing.</li> <li>• First aid supplies and personal protective equipment (PPE) will be provided for workers including face masks.</li> <li>• Camp surroundings will be kept clean to prevent the spread of other vermin and insect vectors of disease.</li> <li>• A trained H &amp; S officer will be designated by the contractor to ensure the proper implementation of the environment, health and safety programs and induction and training of the workforce during the construction phase.</li> <li>• For security and to maintain order in the camp and to avoid social conflicts with the local residents, camp rules will be strictly enforced including a night-time curfew.</li> <li>• The contractors H&amp;S plans will be updated to reflect the risk mitigation measures in respect of CoVID-19 and these need to be reviewed by Environment Safeguard Specialist to provide recommendations to the PMU/Contractor (H &amp; S Officer) and to</li> </ul> | Included in the subproject cost | Contractor/subcontractors' Social and Environmental Safeguards | Local authorities, PIU and PMU, WASH manager, safeguards and gender |

| Potential impacts and issues           | Nature of Impacts   | Significance | Duration  | Mitigation measures and/or safeguards   | Costs  | Who is implementing                                       | Who is supervising  |
|--|---|--------------|-----------|---|--|---|---|
|  |   |              |           | <p>monitor the implementation of these H&amp;S plans.</p> <ul style="list-style-type: none"> <li>Special precautions will be included to provide for enhanced cleanliness on site for the workers and ensuring that over-crowding of dormitories and canteen facilities are avoided to enable adequate social distancing and regularly disinfected.</li> <li>The hiring of local unskilled labor from within the villages will be maximized to avoid the importation of laborers from other areas, and for skilled workers who are not from the area they should avoid close interaction with residents in the villages.</li> <li>All persons who are working on the construction site will be advised to immediately report any symptoms of CoVID-19 to the site manager/H&amp;S Officer immediately and make arrangements to self-isolate to avoid the risk of spreading infection.</li> <li>The H&amp;S Officer at the construction site will be equipped with a digital thermometer to enable them to regularly check the temperatures of anyone who shows symptoms.</li> </ul> |  |   |   |
| <b>Operations</b>                      |   |              |           |   |  |   |   |
| Pond its facility do not work properly | 1. Dug well<br>2. Hand pump<br>3. Solar pump /Pump house / solar panel<br>4. Inlet pipe culvert<br>5. Water filtration system | D-4          | Long Term | <ul style="list-style-type: none"> <li>Implementation of effective O&amp;M procedures through the WSUG, implementation effectiveness of OEHSF by awarded contractor.</li> </ul>   | Included in operations and maintenance costs | Local authorities-village/commune /di strict, PIU and PMU | Local authorities, PIU and PMU, WASH manager, safeguards and gender |
| Pond banks become eroded.              | 1. Grip sodding (grass sodding)<br>2. Embankment /dike<br>3. Fence<br>4. Staircase  | D-4          | Long term | <ul style="list-style-type: none"> <li>Renewal of grass sodding to ensure stability of pond banks by the WSUG members.</li> <li>Effective maintenance of the perimeter fence to prevent access by livestock and damage to the pond banks and staircase.</li> </ul>  |  |   |   |

**Annex 11: Generic Environmental and Social Monitoring Plan for community ponds**

The Environmental and Social Monitoring Plan will be used by the primary stakeholders - local authorities/PIU/PMU for monitoring the application of the ESCoP.

| <b>What will be monitoring</b>        | <b>Place for monitoring</b>                                 | <b>How to monitor</b>  | <b>When monitoring will be done</b>                | <b>Who will be responsible for monitoring?</b>          |
|---------------------------------------|---|--|--|---|
| <b>Dust</b>                           | 200-meter radius from community pond construction site      | Visual observation; feedback from villagers living near the community pond site            | Daily observation                                  | Local authorities-village/commune/district, PIU and PMU |
| <b>Noise and vibrations</b>           | 200-meter radius from community pond construction site      | Auditory observation; monthly reporting  | Daily observation                                  | Local authorities-village/commune/district, PIU and PMU |
| <b>Solid waste</b>                    | Community pond construction site; MRF used by contractor    | Consultation with local authorities; monthly reporting on waste segregation and management | Daily observation                                  | Local authorities-village/commune/district, PIU and PMU |
| <b>Sanitation</b>                     | Community pond construction site                            | Visual observation; monthly reporting  | Prior to start of construction; daily observations | Local authorities-village/commune/district, PIU and PMU |
| <b>Safety and occupational health</b> | Community pond construction site                            | Visual observation; consultation with district and MRD/EA monthly reporting                | Daily  | Local authorities-village/commune/district, PIU and PMU |
| <b>Traffic management</b>             | Community pond site and access road                         | Visual observation; consultation with districts and MRD/EA; monthly reporting              | Daily  | Local authorities-village/commune/district, PIU and PMU |
| <b>CoVID-19-pandemic</b>              | Community pond construction site/civil works implementation | Temperature check and testing (if any), using infrared thermometer                         | Daily Worked day at site                           | Local authorities-village/commune/district, PIU and PMU |



**Environmental and Social Monitoring Checklist**

Contract Package:.....

Inspection

Date:.....

Reporter's  
Name Position

:.....

:.....

| Environmental Code of Conduct (Mitigating Measures)  | Compliance Status |    |           | Remarks/ Reasons for Partial or Non- Compliance | Recommendati ons | Deadline |
|--|-------------------|----|-----------|---|------------------|----------|
|  | Yes               | No | Partially |   |                  |          |
| Dust Control   |                   |    |           |   |                  |          |
| Storage areas of construction materials such as sand, gravel, cement, etc., have provisions that prevent them from being blown away towards sensitive receptors?         |                   |    |           |   |                  |          |
| Trucks transporting construction materials (i.e. sand, soil, cement, gravel, etc.) are tightly covered?  |                   |    |           |   |                  |          |
| Construction vehicles have speed limits (typically 20 km/hour or less) along areas where sensitive receptors are located.  |                   |    |           |   |                  |          |
| Noise Levels   |                   |    |           |   |                  |          |
| Prior notification to the community/local authorities on construction schedule?  |                   |    |           |   |                  |          |
| Noisy construction activities are avoided in the vicinity of sensitive receivers?  |                   |    |           |   |                  |          |
| Construction traffic routes are defined in cooperation with local communities and traffic police?  |                   |    |           |   |                  |          |
| Solid Waste  |                   |    |           |   |                  |          |
| Garbage bins and temporary storage facilities for construction wastes, domestic solid wastes and segregated wastes are provided within the project site/subproject site? |                   |    |           |   |                  |          |

| Environmental Code of Conduct (Mitigating Measures)  | Compliance Status |    |           | Remarks/ Reasons for Partial or Non- Compliance | Recommendations | Deadline |
|--|-------------------|----|-----------|---|-----------------|----------|
|  | Yes               | No | Partially |   |                 |          |
| Regular collection and disposal of wastes (by contractor/subcontractor or authorized third party) to sites approved by local authorities? and/or subnational levels? |                   |    |           |   |                 |          |
| Wastes are not dumped into watercourses, agricultural land and surrounding areas?  |                   |    |           |   |                 |          |
| <b>Traffic Management and Local Access</b>   |                   |    |           |   |                 |          |
| Signs advising that construction is in progress are provided and where construction related-facilities are located?  |                   |    |           |   |                 |          |
| Traffic advisory signs (to minimize traffic build-up/populated areas) are posted in coordination with local authorities? and/or subnational levels?                  |                   |    |           |   |                 |          |
| Construction activities and schedules are coordinated in advance with local authorities, community representatives/beneficiaries, businesses, schools?               |                   |    |           |   |                 |          |
| Existing access routes are maintained (whenever feasible)?   |                   |    |           |   |                 |          |
| Provision of alternative access and/or parking when impacts to principal access routes and parking areas cannot be avoided?  |                   |    |           |   |                 |          |
| Adequate informational and directional signage to improve alternative access function  |                   |    |           |   |                 |          |
| <b>Occupational Health and Safety</b>  |                   |    |           |   |                 |          |
| Orientation for construction workers regarding health and safety measures, emergency response and prevention of HIV/AIDS and other diseases?                         |                   |    |           |   |                 |          |
| Do not discriminate workers in respect of employment and occupation?   |                   |    |           |   |                 |          |

| Environmental Code of Conduct (Mitigating Measures)  | Compliance Status |    |           | Remarks/ Reasons for Partial or Non- Compliance | Recommendations | Deadline |
|--|-------------------|----|-----------|---|-----------------|----------|
|  | Yes               | No | Partially |   |                 |          |
| Effective measures to ensure safe and secure workplace environment and to prevent any incidence of gender-based violence against workers.  |                   |    |           |   |                 |          |
| Ensure that workers are not restricted from developing a legally permissible means of expressing their grievance and protecting their rights regarding working conditions and terms of employment. |                   |    |           |   |                 |          |
| First aid facilities that are readily accessible to workers? and staff?  |                   |    |           |   |                 |          |
| Adequate and clean housing and sanitation facilities for all workers/staff at the workers'/construction camps?   |                   |    |           |   |                 |          |
| Reliable supply of water for drinking, cooking and washing purposes at the staff/workers' camps  |                   |    |           |   |                 |          |
| Separate hygienic sanitation facilities/toilets and bathing areas with sufficient water supply for male and female workers/staff?  |                   |    |           |   |                 |          |
| Proper collection and disposal of solid wastes within the workers'/construction camps  |                   |    |           |   |                 |          |
| Workers are provided and use appropriate and complete safety equipment such as safety boots, protective clothes, breathing mask, ear protection, helmets, gloves, etc.                             |                   |    |           |   |                 |          |
| Covid-19, Workers and staffs are provided: Face mask, Sanitized alcohol, jelly and temperature check by using infrared thermometer.  |                   |    |           |   |                 |          |
| <b>Public Safety</b>   |                   |    |           |   |                 |          |
| Signage are installed at the periphery of the construction site to warn and direct traffic and pedestrians?  |                   |    |           |   |                 |          |
| Appropriate safety barriers and warning signs are installed around the community pond that pose safety risks such as open excavations, drainage, etc.  |                   |    |           |   |                 |          |

| Environmental Code of Conduct (Mitigating Measures)   | Compliance Status |    |           | Remarks/ Reasons for Partial or Non- Compliance | Recommendations | Deadline |
|---|-------------------|----|-----------|---|-----------------|----------|
|   | Yes               | No | Partially |   |                 |          |
| Ready construction site   |                   |    |           |   |                 |          |
| Restoration of the area of construction sites and camps when the construction works are completed |                   |    |           |   |                 |          |
| Employment (Unskilled labour)   |                   |    |           |   |                 |          |
| At least 25% of unskilled worker has to be employed as women.                                     |                   |    |           |   |                 |          |
| Equal pay for equal works.  |                   |    |           |   |                 |          |
| No child labour used.   |                   |    |           |   |                 |          |