

# Environmental Monitoring Report

Semi-Annual Report  
May 2020

## Lao PDR: Greater Mekong Subregion East-West Economic Corridor Towns Development Project

Prepared by the Project Coordination Unit of Department of Housing and Urban for the Ministry of Public Works and Transport, Lao PDR and the Asian Development Bank

This environmental monitoring report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.



LAO PEOPLE'S DEMOCRATIC REPUBLIC  
Peace Independence Democracy Unity Prosperity



# LAO PDR: GMS EAST-WEST ECONOMIC CORRIDOR TOWNS DEVELOPMENT PROJECT

ADB LOAN No.2931 – LAO(SF) AND GRANT No. 0313 – LAO(SF) AND No. 0314 – LAO(UEIF)

## SEMIANNUAL ENVIRONMENTAL SAFEGUARDS MONITORING REPORT



JULY-DECEMBER, 2019

Prepared by the Project Management Unit of Department of Public Works and Transports Savannakhet, Province for the Ministry of Public Works and Transports and the Asian Development Bank and Provincial of Natural Resource and Environment.

**NOTE:**

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

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## TABLE OF CONTENTS

<b>I.</b>	<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>A.</b>	BRIEF DESCRIPTION .....	1
<b>B.</b>	PLANNED ACTION FOR SUCCEEDING MONITORING PERIOD .....	2
<b>II.</b>	<b>PROJECT AND GENERAL SAFEGUARDS OVERVIEW.....</b>	<b>2</b>
<b>A.</b>	PROJECT BACKGROUND .....	2
<b>B.</b>	FA NGUM ROAD SUB-PROJECT (KAYSONE PHOMVIHANE URBAN ROADS) (NCB-4.1B).....	4
<b>C.</b>	KAYSONEPHOMVIHANE ROAD SUB-PROJECT (KAYSONEPHOMVIHANE URBAN ROADS) .....	5
<b>D.</b>	PHINE URBAN ROAD SUB-PROJECT (ICB-4.3) .....	5
<b>E.</b>	DANSAVAN URBAN ROAD SUB-PROJECT (NCB-4.2).....	6
<b>F.</b>	KAYSONEPHOMVIHANE SOLID WASTE MANAGEMENT SUB-PROJECT (NCB-2.1).....	6
<b>G.</b>	WASTEWATER MANAGEMENT-HOUYLONGKONG CHANNEL SUB-PROJECT (NCB-1.1) .....	7
<b>H.</b>	MEKONG RIVER'S EMBANKMENT SUB-PROJECT ICB-5.1 .....	8
<b>I.</b>	PROJECT PROGRESS .....	9
<b>J.</b>	ENVIRONMENTAL SAFEGUARD PLANS IMPLEMENTATION ARRANGEMENTS.....	10
<b>K.</b>	STATUS OF ENVIRONMENTAL SAFEGUARDS DOCUMENTS .....	12
<b>III.</b>	<b>ENVIRONMENTAL PERFORMANCE MONITORING.....</b>	<b>13</b>
<b>A.</b>	STATUS OF EMP IMPLEMENTATION (MITIGATION MEASURES) .....	13
<b>B.</b>	ENVIRONMENT QUALITY MONITORING .....	21
<b>C.</b>	OTHER MONITORING ACTIVITIES .....	21
<b>IV.</b>	<b>RESETTLEMENT PERFORMANCE MONITORING .....</b>	<b>22</b>
<b>V.</b>	<b>INDIGENOUS PEOPLE PERFORMANCE MONITORING.....</b>	<b>27</b>
<b>VI.</b>	<b>PUBLIC CONSULTATION, INFORMATION DISCLOSURE, AND CAPACITY BUILDING .....</b>	<b>27</b>
<b>A.</b>	CAPACITY BUILDING .....	27
<b>B.</b>	INFORMATION DISCLOSURE/PUBLIC CONSULTATION & GRIEVANCE .....	27
<b>VII.</b>	<b>GRIEVANCE REDRESS MECHANISM .....</b>	<b>29</b>
<b>VIII.</b>	<b>APPENDICES .....</b>	<b>31</b>
<b>A.</b>	PUBLIC CONSULTATIONS AND CAPACITY BUILDING .....	31
<b>B.</b>	CAPACITY BUILDING .....	35
<b>C.</b>	PHOTOS AND ATTENDANCE SHEET OF PUBLIC CONSULTATION .....	36
1.	Savannakhet International Airport Access Road .....	36
2.	Thahae & Soukhavadi Access Road Public Consultation Minute.....	37
3.	Ban Na Pho Access Road Public Consultation.....	39
4.	Alone Access Road Public Consultation Minute .....	42
5.	DEWATS Public Consultation .....	43

6.	Mekong River Embankment public consultation .....	46
<b>D.</b>	<b>PHOTOS OF AWARENESS RAISING ON COMMUNICABLE DISEASE AND HIV PREVENTION .....</b>	<b>47</b>
7.	Phine Urban Road Subproject .....	47
8.	Fangum Road Subproject .....	48
9.	Kaysone Phomvihane Road Subproject .....	49
10.	Kaysone Phomvihane solid waste management Subproject .....	50
<b>E.</b>	<b>ENVIRONMENT, HEALTH AND SAFETY TRAINING .....</b>	<b>51</b>

## LIST OF TABLES

TABLE 1.	REPORT REQUIREMENT FOR EMP MONITORING.....	11
TABLE 2.	ACTUAL ACCOMPLISHMENT OF SUB-PROJECTS, DECEMBER 31, 2019 .....	9
TABLE 3.	STATUS OF ENVIRONMENTAL SAFEGUARDS DOCUMENTS (EMPs AND IEEs) .....	12
TABLE 4.	COMPLIANCE WITH EMP REQUIREMENTS (ENVIRONMENTAL PERFORMANCE) .....	14
TABLE 5.	OCCUPATIONAL HEALTH AND SAFETY PERFORMANCE.....	17
TABLE 6.	ISSUES FOR FURTHER ACTION .....	19
TABLE 7:	STATUS OF COMPLAINTS/GRM.....	29

## LIST OF FIGURES

FIGURE 1.	TARGET DISTRICTS OF TOWNS DEVELOPMENT PROJECT.....	3
FIGURE 2:	FA NGUM SUBPROJECT .....	5
FIGURE 3:	KAYSONE PHOMVIHANE SUBPROJECT .....	<b>ERROR! BOOKMARK NOT DEFINED.</b>
FIGURE 4:	PHINE URBAN ROAD SUBPROJECT .....	6
FIGURE 5:	DANSAVAN URBAN ROAD SUBPROJECT .....	6
FIGURE 6:	SAVANNAKHET LANDFILL.....	7
FIGURE 7:	HLK CHANNEL WITH DEWATS.....	7
FIGURE 8:	MEKONG RIVER EMBANKMENT SUBPROJECT .....	8
FIGURE 9.	ORGANIZATIONAL CHART FOR EMP IMPLEMENTATION.....	11
FIGURE 10:	ATTENDANT LIST OF SAVANNAKHET INTERNATIONAL AIRPORT PUBLIC CONSULTATION.....	36
FIGURE 11:	PHOTOS OF PUBLIC CONSULTATION ON SAVANNAKHET INTERNATIONAL AIRPORT ACCESS ROAD .....	<b>ERROR! BOOKMARK NOT DEFINED.</b>
FIGURE 12:	ATTENDANT LIST OF THAHAE & SOUKHAVADI ROAD PUBLIC CONSULTATION .....	37
FIGURE 13:	SELECTED PHOTOS OF THAHAE & SOUKHAVADI ROAD PUBLIC CONSULTATION .....	38
FIGURE 14:	ATTENDANT LIST OF NA PHO ACCESS ROAD PUBLIC CONSULTATION .....	39
FIGURE 15:	SELECTED PHOTOS OF NA PHO ACCESS ROAD PUBLIC CONSULTATION.....	41
FIGURE 16:	ATTENDANT LIST OF PUBLIC CONSULTATION IN BAN ALONE .....	42
FIGURE 17:	SELECTED PHOTOS OF ACCESS ROAD PUBLIC CONSULTATION.....	<b>ERROR! BOOKMARK NOT DEFINED.</b>
FIGURE 18:	ATTENDANT LIST OF DEWATS-DETAIL ENGINEERING DESIGN CONSULTATION .....	43

FIGURE 19: ATTENDANT LIST OF DEWATS-COMMUNITY CONSULTATION LEVEL .....	44
FIGURE 20: SELECTED PHOTOS OF DEWATS PUBLIC CONSULTATION AT COMMUNITY LEVEL .....	45
FIGURE 21: PARTICIPANT LIST OF PUBLIC CONSULTATION IN MEKONG RIVER EMBANKMENT	<b>ERROR!    BOOKMARK NOT DEFINED.</b>
FIGURE 22: MEKONG RIVER EMBANKMENT PUBLIC CONSULTATION .....	46
FIGURE 23: HEALTH, HIV-AIDS AWARENESS RAISING IN PHINEE.....	47
FIGURE 24: HEALTH, HIV & AIDS AWARENESS RAISING IN FA NGUM ROAD .....	48
FIGURE 25: HEALTH, HIV & AIDS AWARENESS RAISING.....	49
FIGURE 26: HEALTH AND AWARENESS RAISING IN SOLID WASTE MANAGEMENT .....	50
FIGURE 27: ENVIRONMENT MANAGEMENT TRAINING COURSE .....	51
FIGURE 28: ATTENDANT SHEET OF ENVIRONMENT MANAGEMENT TRAINING COURSE .....	52

## **I. EXECUTIVE SUMMARY**

### **A. BRIEF DESCRIPTION**

1. The discussion below presents the summary description of the status of implementation of the environmental and social safeguards in the sub-projects during the monitoring period July 1 to December 31, 2019.
2. Approval was given on 15 August 2019 for additional works associated with existing sub-projects, to be financed through project cost savings.
3. During the reporting period, the EMP and RP of Houay Long Kong Channel, Gate and Pumping station subproject was updated with DEWATS (additional works) and submitted to ADB. For other additional works an environment assessment and social safeguards due diligence report was completed. The RP was accepted by ADB on 20 December 2019.
4. Seven (7) Contractor-EMPs have been approved and implemented during construction. The Contractor-EMP and Occupational Health and Safety Plan (OHSP) for the Mekong River Embankment subproject was approved in, October 2019..
5. The CSCS-NES with PMU-ESS have regularly conducted monthly environmental monitoring of the sub-projects, given advice and provided corrective action for noncompliant issues.
6. The CSCS-NRS and PMU counterpart have conducted ongoing resettlement monitoring for each sub-projects.
7. Environment, Health and Safety Training for Mekong River Embankment Subproject was organized during 6-7 November 2019, attended also by other EHSOs who haven't participated in previous training and relevant government agencies.
8. Environment, health and safety capacity building has been regularly organized for each subproject, and ESHOs have conducted awareness raising on a weekly basic. Awareness raising has addressed various topics regarding environment, health and Safety, for example: PPE and its importance for safety prevention; Truck driver safety requirements and techniques for preventing accidents. Each subproject has reported awareness raising activities in MEMR.
9. Four (4) subprojects have organized training on communicable disease prevention (sexual transmission disease, HIV, AIDS) for their workers to understand (i) knowledge about AIDS, (ii) symptom of infected person (iii) treatment (iv) prevention and (v) demonstration for how to use condom properly in Phine Urban road, Kaysone Phomvihane road, Fa Ngum road and Kaysone Phomvihane Solid Waste Management.
10. Public consultation on additional works were organized in each community with affected households, village administrations and other stakeholders A specific consultation was held for the construction phase of the Mekong River Embankment Subproject. The public consultations included presentations on the project background, engineering design, potential environment impacts, mitigation measure, and a report of resettlement (if any). Public consultations were open to all participants to raise concerns, comments, and questions regarding the project. Results of public consultations, participant lists and selected photos are presented in APPENDIX A & APPENDIX B.
11. Nine (9) grievances were received during report period on issues concerning environment, social, health, safety. Most cases were due to temporary obstructions to property caused by



road construction and were remedied promptly. One case remains outstanding, but is scheduled for completion by 10 February 2020.

## **B. PLANNED ACTION FOR SUCCEEDING MONITORING PERIOD**

12. The following activities are planned for the next monitoring period from January-June 2020:

- Continue regular environmental safeguards monitoring as per approved IEEs and EMPs of the sub-projects including daily monitoring by EHSO, monthly monitoring by NES-PMU and 6 monthly monitoring of Savannakhet DoNRE.
- Conduct environment completion report for Dansavan urban road, Phine Urban Road, Kaysone Phomvihane, Fa Ngum urban road, and Kaysone Phomvihane Solid Waste Management Subproject.
- Review and evaluate monthly environmental safeguards monitoring report of Contractors for each sub-projects;
- Provided technical advice on environment, health and safety during project implementation, particular to contractors in each subproject.
- Undertake regular social safeguards field monitoring to ensure appropriate implementation of social safeguard measures, to assess results and to check for unanticipated impacts.
- Prepare a resettlement plan for waste pickers operating at the existing solid waste management facility to mitigate risks of adverse livelihood impacts (reduced income) upon completion off the new solid waste management facility
- Prepare resettlement completion reports for all sub-projects to confirm that all compensation and other entitlements have been provided and that where relevant livelihoods have been restored.
- Report on environmental and social safeguards performance quarterly and semi-annually in line with project reporting requirements.

## **II. PROJECT AND GENERAL SAFEGUARDS OVERVIEW**

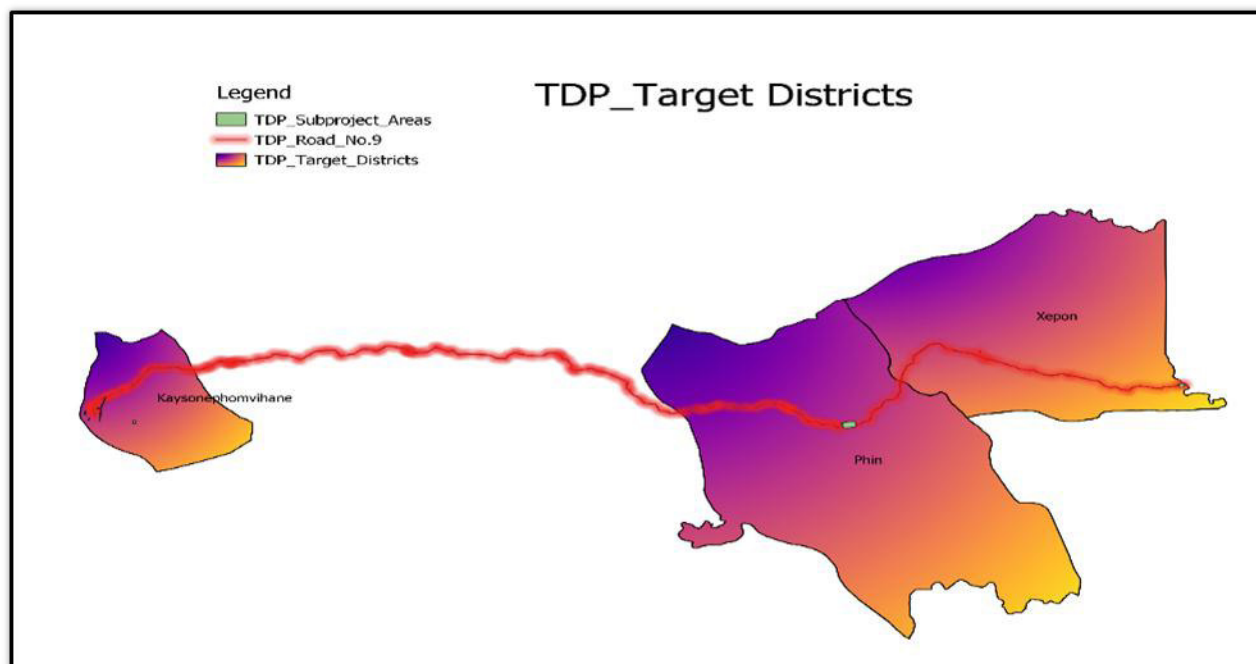
### **A. PROJECT BACKGROUND**

13. The participating corridor towns of Kaysone Phomvihane, Phine, and Dansavan in the Lao PDR face the pressing task of coping with the demands of rapidly growing and expanding urban areas. Local authorities want planned and managed urban growth using an integrated approach to operate and maintain urban environmental and economic infrastructure, and efficiently deliver municipal services. Despite policy reforms to promote decentralization, local institutional capacity has not kept pace with urban sector development and economic growth. With increasing trade and traffic flows, the capacity of the corridor towns to manage local economic development in an environmentally sustainable manner urgently needs to be strengthened.
14. The expected positive impact of the project is for the towns of Kaysone Phomvihane, Phine, and Dansavan to become local centres of trade and investment, thereby contributing to the transformation of GMS transport corridors to economic corridors. The expected outcome is adequate provision of essential urban infrastructure and services in the project towns. The

drainage, septage management, and river embankment protection subprojects will contribute to increased climate resilience of the participating towns.

15. The key outputs of the project are as follows: (i) adoption and implementation of Strategic Local Economic Development Plans (SLEDPs)<sup>1</sup> in the project towns, (ii) implementation of priority urban infrastructure investments, and (iii) strengthened institutional capacities for urban development. The priority subprojects for infrastructure investments were identified based on (i) consistency with project's overall goals and objectives, (ii) potential impact in contributing to economic growth and level of competitiveness, and (iii) the expressed interest and commitment of the executing agency to provide necessary resources, criteria that were discussed during the national workshops with project stakeholders.
16. The Project consists of seven (7) sub-projects which are identified priority small infrastructure development works in three (3) target districts of Savannakhet Province (see Figure 1).
17. The details of the sub-projects and additional works (see Table x) are presented in the succeeding sections.

**FIGURE 1. TARGET DISTRICTS OF TOWNS DEVELOPMENT PROJECT**



<sup>1</sup> The SLEDP represent a new form of planning document developed for the purpose of combining economic development planning with urban infrastructure investments. The SLEDPs identify economic drivers and provide justification for infrastructure investments under the project, and by other sources.

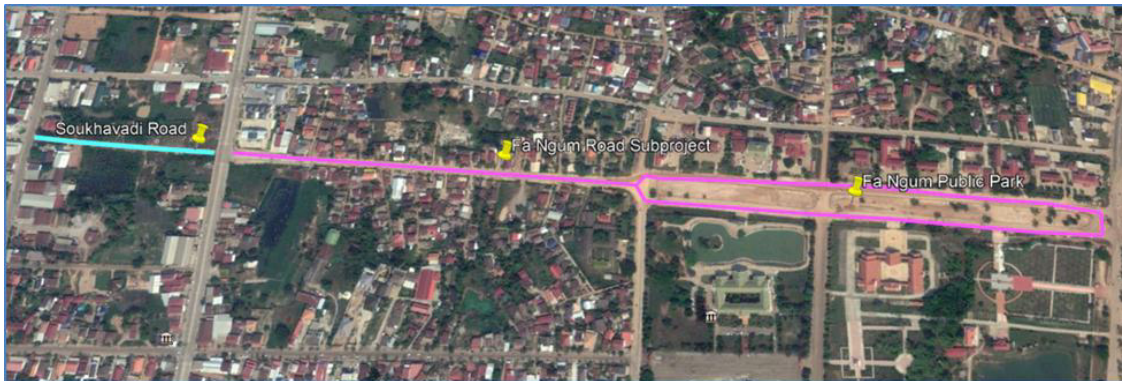
**Table X – Sub-projects and additional works**

Sub-Project	Additional Works	Location
ICB-4.1A Kaysone Road	Airport Road Asphalt Road from Junction Km. 4+800 to Airport L=750m	Kaysone Phomvihane Municipality
NCB-4.1B Fa Ngum Road	Fa Ngum Road Concrete Pavement Road from Santiphap to Sysavangvong L=292m	Kaysone Phomvihane Municipality
ICB-5.1 Mekong River Embankment	Mekong Road Concrete Pavement Road from beginning of subproject to Nouhak Phoumsavanh Park L=400m	Kaysone Phomvihane Municipality
NCB-1.1 Wastewater HouyLonkong	DEWATS Decentralized Waste Water Treatment System (DEWATS)	Kaysone Phomvihane Municipality
NCB-2.1 Solid Waste Management	Waste management facility Old Land Fill Drainage	Kaysone Phomvihane Municipality
ICB-4.3 Construction of Phine Roads	Napho Road, Phine DBST Road from Ban Napho to School L=619m	Phine District
NCB-4.2 Construction of Dansavanh Urban Roads	Alone Road, Dansavanh DBST Road from Ban Alo to Police Station L=637m	Xepon District

**B. FA NGUM ROAD SUB-PROJECT (KAYSONE PHOMVIHANE URBAN ROADS) (NCB-4.1B)**

18. Fa Ngum Road is composed of three (3) main roads with a total length 2,149 meters and public park recreation. The Contractor for this sub-project is Champakham Road and Bridge Construction Co. Ltd (CPK). The total cost is 2,289,611.17 USD and the contract duration is 24 months commencing 14 November 2017.
19. A Variation Order (VO) for upgrading Soukhavadi Road (additional works) was approved in December 10, 2019. The Contractor is LaoMixay Construction Co.LTD. It is concrete pavement road with 292 meters length and approximately total cost USD 299,988.96 with four months period after received notification.

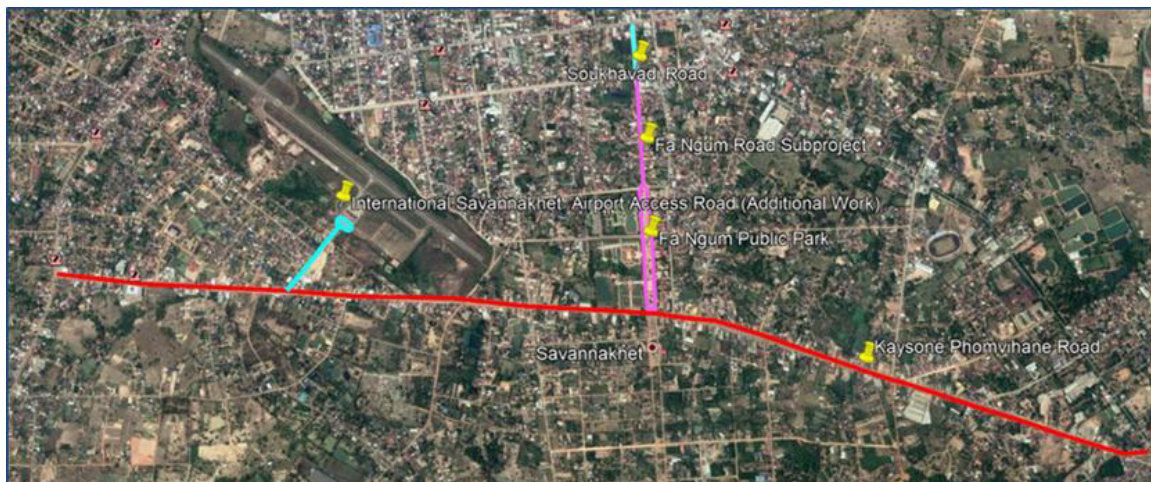
**FIGURE 2: FA NGUM SUBPROJECT**



**C. KAYSONEPHOMVIHANE ROAD SUB-PROJECT (KAYSONEPHOMVIHANE URBAN ROADS)**

20. Kaysonephomvihane Road has total length 6,182 meters, with total cost 7.546.207.00 USD. Contractor for this sub-project is Road No. 8 Construction Enterprise with PK and TSC JV. Contract duration is 24 months commencing 11 November 2017.
21. Cyan line is presented the additional work, Savannakhet International airport access road is under new VO to the same contractor, it has 730 meters length with approximately cost USD 356,954.37 with three months period after received notification letter. It is absolutely connected with Kaysone Phomvihane road at KM 4+860.

**FIGURE 3: KAYSONE PHOMVIHANE SUBPROJECT**



**D. PHINE URBAN ROAD SUB-PROJECT (ICB-4.3)**

22. Phine Urban Roads has a total length of 9,978 meters and a total cost of 4,010,613.00 USD. The construction of the sub-project was awarded to JV of Road No. 8 Construction Enterprise with PK and TSC. The Contract duration is 24 months commencing on 01 November 2017.
23. In Figure 4, below, red lines represent the scope of the original project and cyan shows the additional works comprising Ban Na Pho access roads 619 meters in length. The cost is USD 189,225 with a three months period after received notification letter.



**FIGURE 4: PHINE URBAN ROAD SUBPROJECT**



**E. DANSAVAN URBAN ROAD SUB-PROJECT (NCB-4.2)**

24. Dansavan Urban Roads has a total length of 3,884 meters with total cost of 2,312,621.58 USD. The Contractor for the sub-project is Noukham Construction Co., Ltd. The Contract duration is 24 months commencing on 11 November 2017.
25. In figure 5, red lines indicate the completed urban road in Ban Dansavan, and cyan line shows the additional works comprising an access road to Alone community, 637 meters in length. The VO is awarded to Noukham Construction company – at a cost of USD 264,410.72. The construction duration is three months commencing December 4, 2019.

**FIGURE 5: DANSAVAN URBAN ROAD SUBPROJECT**



**F. KAYSONEPHOMVIHANE SOLID WASTE MANAGEMENT SUB-PROJECT (NCB-2.1)**

26. The total area covered by the sub-project is 10 hectares, primarily for the improvement of the existing landfill at a total cost 1,659,205.10 USD. VSP Construction Company Ltd was awarded the contract for the construction of the sub-project with a contract duration of 24 months commencing 22 March 2018.
27. Currently, pipeline connection among old landfill and new landfill is designed and it is under the construction, it is minor, but it is part of compliance with environment criteria, to collect leachate to the designed evaporation wetland.

**FIGURE 6: SAVANNAKHET LANDFILL**



**G. WASTEWATER MANAGEMENT-HOUYLONGKONG CHANNEL SUB-PROJECT (NCB-1.1)**

28. This sub-project involves the construction of a HLK channel with a length of 830 meters and a pumping station with an automatic gate a total cost of 1,673,128.31 USD. The appointed Contractor is JV of Road No. 8 Construction Enterprise with PK and TSC. The Contract duration is 24 months commencing on 22 March 2018.
29. Decentralize Wastewater Treatment System (DEWATS) is designed 2.7 hectares integrated into HLK channel, which is located on the right side of beginning of HLK channel. VO for constructing DEWATS is approved with approximately cost USD 861,250.76 within 7 months period from December 9, 2019.

**FIGURE 7: HLK CHANNEL WITH DEWATS**

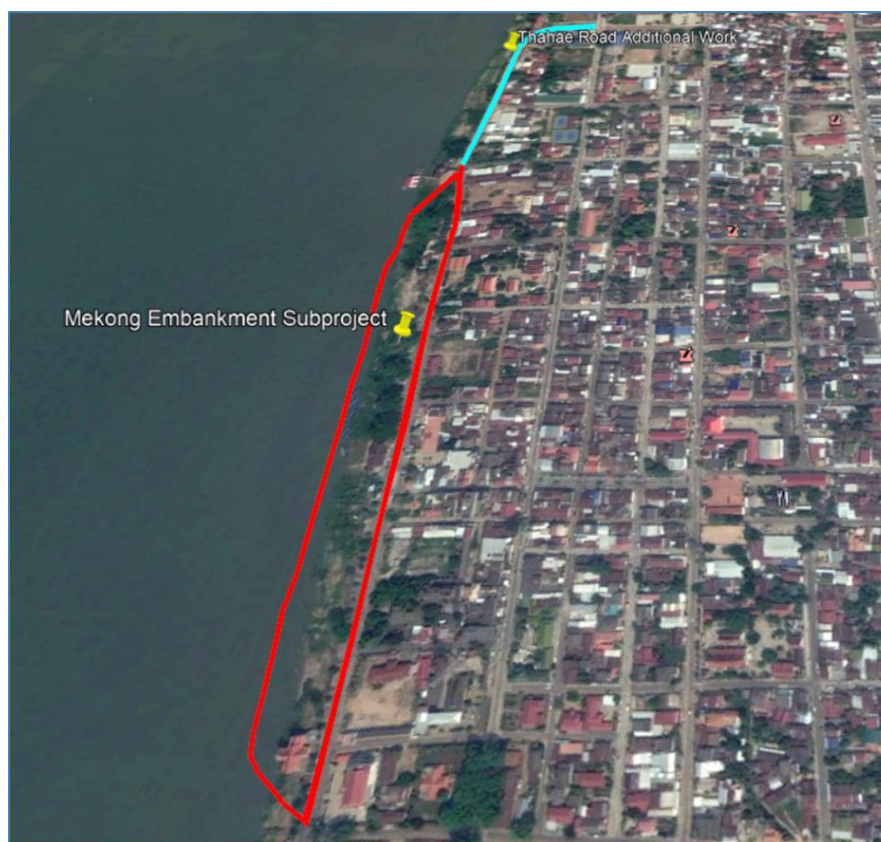




## H. MEKONG RIVER'S EMBANKMENT SUB-PROJECT ICB-5.1

30. This subproject the construction of an embankment with a total length of 980 meters length and a width of 50 meters from existing road to Mekong River. The Mekong River Embankment subproject has included different zones as urban recreation park, sport zone, market zone and also included road and drainage rehabilitation as road and drainage in front Mekong River Embankment. The Mekong River Embankment subproject contract is awarded to Laomixay Construction Co., Ltd on June 5, 2019 as 24 months construction period with total cost USD\$ 4,506,063.01.
31. Thahae Road, where is connected with current concrete road upgrading along with embankment, It is concrete road to connect with Nouhak Phoumsavan park, it has 459.50 meters length, this additional work/VO is granted to Lao Mixay construction com with total cost 310,000.06 with 4 months periods from December 9, 2019.

**FIGURE 8: MEKONG RIVER EMBANKMENT SUBPROJECT**



32. All subprojects are under construction progress, Mekong River Embankment subproject was final subproject that signed contract in June and fully mobilized in July 2019. The 4 road construction subprojects are ended contract in November 2019; however, the additional works are extended their period until February 2020 as three months period. Other two subprojects for landfill and wastewater management-HLK will be ended contract in March 2020.
33. All subprojects have been implementing environment safeguard according to EMP requirement and their CEMPs that submitted to CSCS.

## I. PROJECT PROGRESS

34. The progress of implementation of the sub-projects as of December 31, 2019 is presented in Table 2 below.

**TABLE 1. ACTUAL ACCOMPLISHMENT OF SUB-PROJECTS, DECEMBER 31, 2019**

NO	SUB-PROJECT	PROGRESS (%)	
		ACTUAL	PLANNED
1	Fa Ngum Road (Kaysonephomvihane Urban Roads) (NCB-4.1B)	87.73	100
2	Kaysonephomvihane Road (Kaysonephomvihane Urban Roads)	97.5	100
3	Phine Urban Road (ICB-4.3)	98	100
4	Dansavan Urban Road (NCB-4.2)	99.9	100
5	Kaysonephomvihane Solid Waste Management (NCB-2.1)	90.58	91.56
6	Wastewater Management - Houylongkong Channel (NCB-1.1)	71.30	87.30
7	Mekong River Embankment	28.86	22.27

35. Fa Ngum Road subproject: the construction work during the report period has included landscape beautification in the Park, park structure, and tree planting at the park. The road construction was continued for basecourse and asphalt concrete pavement in 2A section. Curve, sidewalks, parking lots were also installed for road section 2A and 2B. Roundabout at the connection three road sections was constructing.

36. Kaysone Phomvihane road: the main construction work during the report period included; two roundabouts, concrete pavement around the roundabout, asphalt concrete pavement from KM 04-KM 06 and other road beautification such median, curve and sidewalk installation and included street light installation.

37. Phine Urban Road subproject: Contractor had speeded up road pavement DBST for the second layer, side curve installation, sidewalk installation. Street light installation, included traffic signs and safety devices installation, roundabout and other beautification work. The minor beautification works will be continued in 2020 to completed the same time with Na Pho access road, which was approved to work in December 2019.

38. Dansavan Urban road subproject: Beautification works were constructed during report period that included sidewalk, curve installation, traffic marking, traffic sign installation and street light installation. the construction activities in Dansavan urban road has completely constructed, except the new VO for Alone community access road, which was approved in December 2019.

39. Solid Waste Management Subproject: the five construction buildings are mostly completed, excepted the sludge building, the cell 1 excavation and slope stabilization also completed. The waste treatment ponds and evaporation wetland are under constructing progress. Wall, fences were also constructed in the report period. The access road also continues at the end road section.

40. Wastewater Management-Houaylongkong subproject: the construction activities HLK channel subproject has included concrete lining, road both sides of channels, pumping station and water gate. Currently water gate and pumping station are constructing and in the same time, DEWATS is under preparation to start in early next year.

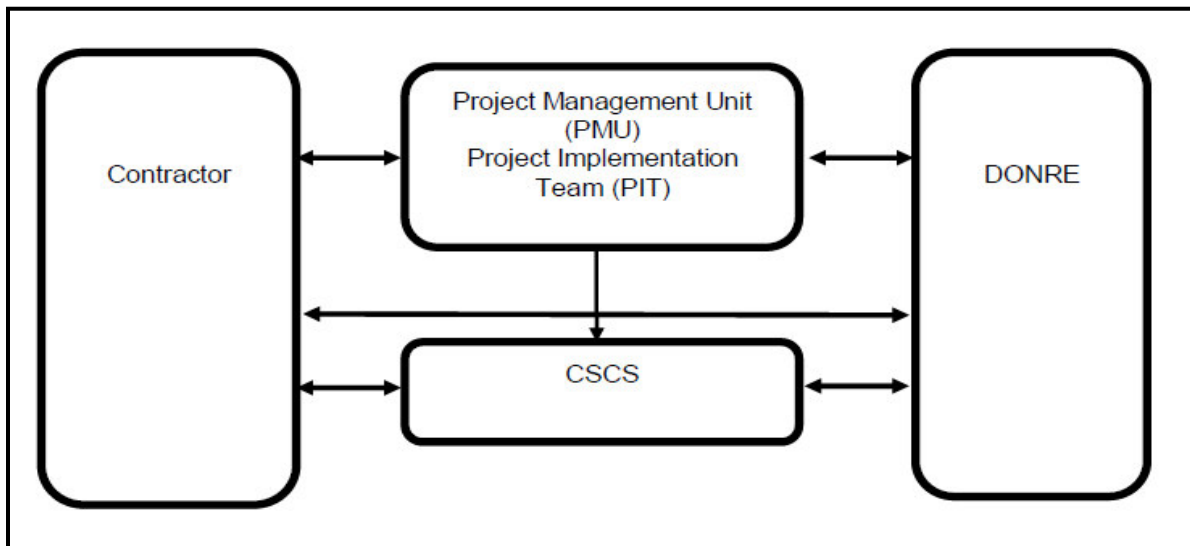


41. Mekong embankment subproject: the report period, construction activities are included road and drainage system, concrete pavement road is being constructed, the drainages on the left is mostly completed, embankment troll were completely constructed and sand compaction for each layer from the troll are being implemented. Thahae and Soukhavadee road also

## **J. ENVIRONMENTAL SAFEGUARD PLANS IMPLEMENTATION ARRANGEMENTS**

42. The primary management framework overseeing the implementation of the environmental management plan (EMP) is shown in Figure 2 and is defined by the following entities:
- a. Ministry of Public Works and Transports (MPWT) who is the executing agency (EA) of the subproject;
  - b. The Provincial Department of Public Works and Transport (PDPWT) Savannakheth Province who is the implementing agency (IA) of subproject; The
  - c. Project Management Unit (PMU) formed by the IA to oversee implementation of the subproject;
  - d. The Project Implementation Team (PIT) established in each district to coordinate project activities at the district level.
  - e. The EA/PMU will appoint Environmental Safeguard Specialist (ESS) who is responsible for overall environment and social safeguard of project and representative of PMU for EMP implementation and monitoring.
43. A Construction Supervision Consulting Services (CSCS) Consultant with environmental expertise will be appointed. The CSCS will be responsible to ensure that the Contractor implements the EMP during the Contract Period, to establish monitoring program, review the EMP, and supervise its implementation. During the construction phase, the Contractor will generally be responsible for implementation of the mitigation measures as specified in the mitigation plan and the CSCS will supervise the implementation.
44. The Contractor's Environmental Health and Safety Officer (EHSO) will be the construction contractor's focal point for all environmental matters and is routinely on-site for the duration of the construction works. The EHSO is an appropriately briefed technical officer (often the CC site engineer). The EHSO carries out regular inspections of the Construction activities in relation to environmental issues, and provides day-to-day advice to contractor personnel about environmental issues. The EHSO will have the authority to instruct any area of the Contractor's operations to implement the requirements of the Environmental Management Plan (EMP).

**FIGURE 9. ORGANIZATIONAL CHART FOR EMP IMPLEMENTATION**



45. The reporting requirements for the environmental safeguards for the project is described in Table 2 below.

**TABLE 2. REPORT REQUIREMENT FOR EMP MONITORING**

REPORT	FREQUENCY	PURPOSE	FROM	TO
Contractor's Environmental Monitoring and Grievance Report	Monthly	Compliance to EMP/CEMP	Contractor	CSCS, PMU
Quarterly Project Progress Report	Quarterly	Confirm EMP Compliance or Issues	CSCS	PMU/PCU
Semi-Annual Environmental Safeguards Monitoring Report	Semi-annually	Adherence to Environmental Covenants	CSCS/PMU	PoNRE/ADB

## K. STATUS OF ENVIRONMENTAL SAFEGUARDS DOCUMENTS

46. Table 3 presents the status of the requisite environmental safeguards reports and documents as of December 31, 2019.

**TABLE 3. STATUS OF ENVIRONMENTAL SAFEGUARDS DOCUMENTS (EMPs AND IEEs)**

NO	ENVIRONMENTAL SAFEGUARD DOCUMENT	STATUS OF DOCUMENT
1	Environment assessment and due diligence report for urban road and drainage additional works in Savannakhet Province	<ul style="list-style-type: none"> <li>It was prepared and developed during August and early September 2019, and the first draft was submitted to PCU since September 16, 2019 and it was submitted to ADB within September 20, 2019.</li> <li>So far, Project is still waiting for respond from ADB for approve or revise the report.</li> </ul>
2	7 EMPs for each subproject	<ul style="list-style-type: none"> <li>EMPs were approved by ADB as principle and there are disclosed in bank website all 6 EMPs as Fa Ngum Road, Kaysone Phomvihane road, Phine urban road, Dansavanh urban road, KP solid waste management and Mekong River Embankment subproject,</li> <li>These 6 EMPs have been cleared, the last EMP disclosed on the bank website is EMP of Kaysone Phomvihane Solid Waste Management Subproject in March 2019.</li> <li>EMP of KP Wastewater Management-HLK is principally approved, but it is required to be updated with DEWATS the addition construction proposed during ADB mission on March 2019.</li> <li>EMP of KP WWM-HLK with DEWATS had been developed parallel with DEWATS detail engineering design. The updated version with DEWATS was submitted to ADB since September 10, 2019.</li> <li>ADB had provided comments for revising the updated HLK-EMP with DEWATS on October 4, 2019.</li> <li>Project safeguard team had revised according to the comments and consultant team leader on behalf of PMU/PCU re-submitted the revised version to ADB directly since October 17, 2019.</li> <li>It is under reviewing progress from ADB, expected it will be finalized as soon as possible.</li> </ul>
3	CEMPs and OHSPs of contractor	<ul style="list-style-type: none"> <li>CEMP &amp; OHSP of Fa Ngum Road, Kaysone Phomvihane road, Phine urban road, Dansavanh urban road, KP solid waste management, and KP-Wastewater-HLK subproject were approved, and shared them with ADB.</li> <li>The latest approval of CEMP and OHSP of contractor from Mekong River Embankment subproject on October 28, 2019</li> </ul>
4	GMS-EWEC TDP-Semiannual Environment Safeguard Monitoring Report.	<ul style="list-style-type: none"> <li>GMS-EWEC TDP-Semiannual Environment Safeguard Monitoring Report has regular submitted and reports were disclosed on ADB website. The latest semiannual environment monitoring report was disclosed on the bank website in August 2019.</li> </ul>

NO	ENVIRONMENTAL SAFEGUARD DOCUMENT	STATUS OF DOCUMENT
5	Quarterly Environment Safeguard Monitoring report	<ul style="list-style-type: none"> <li>QESMR is regular submitted with technical progress report, the latest QESMR from July-September 2019 was submitted and approved from PMU and part of Q3 report, 2019.</li> </ul>
6	Environment Quality Monitoring Report	<ul style="list-style-type: none"> <li>Report period has no any environment quality monitoring, CSCS has advise the contractor of Mekong embankment subproject to be conduct dust, noise and surface water quality baseline as soon as possible.</li> </ul>
7	Monthly Environment Monitoring Report	<ul style="list-style-type: none"> <li>So far, all 7 subprojects have regular submitted their MEMR as monthly basic.</li> </ul>

### III. ENVIRONMENTAL PERFORMANCE MONITORING

#### A. STATUS OF EMP IMPLEMENTATION (MITIGATION MEASURES)

47. Table 4 is presented the status of each subproject relevant to the implementation of the approved EMP. Table 5 is presented the status of occupational health and safety performance in each subproject from the contractor while Table 6 is presented the issues for further action which included both environment and occupational health and safety.
48. The abbreviation that applied are referred to Kaysone Phomvihane Road Construction Subproject (KPRC), Fa Ngum Road Construction Subproject (FNRC), Phine Urban Road Construction Subproject (PURC), Dansavan Urban Road Construction Subproject (DURC), Kaysone Solid Waste Management Subproject (SWMS), Kaysone Phomvihane Waste water Management-Houay Long Kong subproject (HLKS) and Savannakhet Mekong River Embankment Subproject (MRES).

**TABLE 4. COMPLIANCE WITH EMP REQUIREMENTS (ENVIRONMENTAL PERFORMANCE)**

EMP REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS/DEWATS	MRES
PRE-CONSTRUCTION PHASE							
Appointed of EHSO	Mr. Phonepaseuth Khounluexa (020 95318896)	Ms. Southida Khayyavong (02059096929)	Mr. Keolamphone (020 99884421)	Mr. Somlith Puiyavong (030 9898062)	Mr. Souvanh Inthilat (02091375302)	None/old person had resigned, new person will replace soon	Ms. Phonethip Phetkhounphone (02077151111)
CEMP Development and Approval	Approved March 2018	Approved April 2018	Approved March 2018	Approved March 2018	Approved December 2018	Approved April 30, 2019	Approved
OHSP Development and Approval	Approved March 2018	Approved April 2018	Approved March 2018	Approved March 2018	Approved January 2019	Approved April 30, 2019	Approved
Pre-construction consultation	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted
Baseline Measurements for TSP and PM10 and Ambient Noise	Conducted in June 2018				Applied ECA results	Not required	Preparing process
Baseline Sampling for Surface Water Quality	Not required	Not required	Not required	Not required	Applied ECA results	Conducted in November 2018	Preparing process
Baseline Measurement of NOx/Sox/CO and Baseline Sampling for Groundwater Quality	Not required	Not required	Not required	Not required	Applied ECA results	Not required	Preparing progress
Grievance Redress Mechanism Established	Leaflets has been distributed to local people. Sign Posts containing Contact has been installed. Orientation on the GRM Process has been conducted through the requisite with public consultations process. Grievance Lodging and Recording System established.						Signpost with detail contacts & postboxes were installed
Obtain Environmental license for borrow pits	Environmental Certificate secured				Using material from cell for refill material	Same borrow pit with KP road subproject	Partial/ Concrete Mixing plant is under process
CONSTRUCTION PHASE							
AMBIENT AIR QUALITY							
Water unpaved areas to mitigate generation of dust	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Partial Complied
Require contractor to cover material with tarpaulin while in transit to avoid spillage of material	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Partial Complied
Impose speed limits on construction vehicles	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly

EMP REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS/DEWATS	MRES
Regular maintenance on construction machineries and vehicles to control air emission during operation	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
<b>ENVIRONMENTAL SAFEGUARDS MONITORING REPORTORIAL REQUIREMENTS</b>							
Contractor is required to submit report to CSCS before 28th each month	Complied accordingly	Complied Accordingly	Complied accordingly	Complied Accordingly	Not comply	Complied Accordingly	Complied Accordingly
Air Quality and Ambient Noise Quarterly Monitoring	Complied Accordingly April 2019	Complied Accordingly April 2019	Complied Accordingly April 2019	Complied Accordingly April 2019	Complied Accordingly (TSP/PM10) December 2018	NA Not require	Under progress/ Site instruction was provided
Surface Water Quality Quarterly Monitoring	NA	NA	NA	NA	Complied Conducted December 2018	Not comply Advice was provided	Under progress/ Site instruction was provided
<b>AMBIENT NOISE MANAGEMENT</b>							
Limit construction activities, particularly operation of noise generating equipment at night	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Position any stationary equipment that produce high noise level far from sensitive receptor	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Require drivers to minimize blowing of horn and comply to speed limits	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
<b>SURFACE WATER QUALITY, SOIL EROSION AND STAGNANT WATER MANAGEMENT</b>							
All irrigation canals and channels to be protected the same way as rivers, streams, and lakes.	Complied Accordingly	Complied Accordingly	Complied accordingly	Complied Accordingly	Complied Accordingly	Complied accordingly	Complied Accordingly
No washing or repair of machinery near surface waters.	Complied Accordingly	Complied Accordingly	Complied accordingly	Complied Accordingly	Complied Accordingly	Complied	Complied Accordingly
Where relevant, e.g. at borrow pits establish protective coffer dams, berms, plastic sheet fencing, or silt curtains should be placed between all earthworks and surface waters.	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly

EMP REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS/DEWATS	MRES
Earthworks not permitted during the rainy season and should be conducted during dry weather.	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Oil and fuels should be stored and handled well away from surface waters.	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
<b>SOLID AND HAZARDOUS WASTE MANAGEMENT</b>							
Contractor is required to provide garbage bins with labels and categorize solid waste	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Disposal sites must be defined with government approval areas	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
All construction sites are required tidy after work and cleanliness	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Contractor is required to provide Hazardous Waste container: for Collection, storage, transport, and disposal of hazardous waste such as asphalt, used oils, gasoline, paint, and other toxics must follow GoL regulations	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
<b>TREE AND VEGETATION MANAGEMENT</b>							
Restrict tree and vegetation removal within RoWs and no unnecessary cutting of trees.	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Contractor is required to submit Tree plantation plan for RoWs and tree species must be native species	Complied accordingly	Complied Accordingly being planted in July	Complied accordingly/ being Planted in July	Complied accordingly planted in June	Plan being prepared	Not required	Not suitable time, it will be submitted after civil work
<b>PUBLIC SERVICES AND UTILITIES</b>							
Temporary bridge or access road must be provided during construction	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Informal consultation with local people regarding disruption on construction, power and other	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly

EMP REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS/DEWATS	MRES
utilities							
Contractors require to plan with utility company removal and re-installation of utilities	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
<b>ASPHALT/CONCRETE PRODUCTION, TRANSPORT AND UTILIZATION</b>							
Locate asphalt/concrete mixer plant at approved sites and well away from all settlements, cultural areas, sensitive (e.g., schools, hospitals), and ecologically important areas.	Complied Accordingly	Complied accordingly	Complied accordingly	Complied accordingly	No asphalt work/ Concrete from factory	No asphalt work/ concrete from factory	Approval is under process
Contractors must be well trained in handling and application of bitumen/concrete mixer plan	Complied Accordingly	Complied Accordingly	Complied accordingly	Complied accordingly	Comply Accordingly/ No asphalt work	Comply Accordingly / No asphalt work	Comply accordingly Hired experience operator
Bitumen should only be spread on designated road beds and all spills should be immediately cleaned	Complied Accordingly	Complied accordingly	Complied accordingly	Complied according	No asphalt work	No asphalt work	NA/ no asphalt work
<b>CULTURAL PROPERTY OR VALUES AND CHANCE FINDS MANAGEMENT</b>							
Ensure protection of cultural and religious sites during construction	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Comply accordingly
Chance-finds of relics should be reported immediately to site supervisors.	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly
Upon chance find all work should immediately cease, and PMU notified.	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly	Complied Accordingly

Table 5. Occupational Health and Safety Performance

REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS	MRES
<b>WORKER'S HEALTH AND SAFETY</b>							
PPEs requirement for workers such as helmet, boots, vest, mask, gloves.	Complied accordingly	Complied accordingly	Complied according	Complied accordingly	Complied accordingly	Some workers not properly wear PPEs	Complied accordingly
Worker's facilities with appropriate amenities	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly



REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS	MRES
such as clean drinking water, separate women and men toilets and good accommodations.							
Regular safety work orientation	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Non-Compliance	New sub-contractor is partial complied	Comply accordingly
					Advice contractor to conduct regular safety orientation	Advise contractor to regular organize toolbox meeting	
Health, STD, HIV training or seminar for workers	Complied accordingly	Comply accordingly	Comply Accordingly	Complied accordingly	Comply accordingly	Non-Compliance/ Advice is provided	Un-der preparation
<b>CONTINGENCY AND EMERGENCY PREPAREDNESS REQUIREMENTS</b>							
Contact details of nearest emergency services	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
Fire extinguisher available in site office and facilities	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
First Aid kits in construction sites, camps	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
Emergency responsible team/person	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
<b>PUBLIC HEALTH AND SAFETY AND TRAFFIC MANAGEMENT</b>							
Warning light and reflectorized signages should be installed in the construction	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	No requirement	No requirement	Comply accordingly
Closed sections/ detour areas defined and public notified.	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	No requirement	No requirement	Comply accordingly
Standardized signages installed	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
Working and traffic zone must be defined and clearly demarcated in plan	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	NA	NA	Partial Commented for adjusting the method of work

REQUIREMENTS	KPRC	FNRC	PURC	DVRC	SWMS	HLKS	MRES
Flag persons should be assigned in all work areas.	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Not suitable case	Not suitable case	Comply accordingly
Bollards and caution tape installed around work areas.	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
Accidents should be properly reported.	Comply accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly
Contractor is required to follow regulation of Lao Gov and IFC EHS guidelines	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Complied accordingly	Comply accordingly

Table 6. Issues for Further Action

ISSUES	KPRC	FNRC	PURC	DVRC	SWMS	HLKS	MRES
Dust generated from material transportation & safety concern							Contractor transport sands to construction sites and generated dust along the transportation routes
							Corrective action is provided 1. Educated & oriented all drivers for slow driving 2. Clean the routes 2 times per week 3. Watering along the routes 4 times per days 4. All trucks should be covered with tarpaulin 5. No driving during peak hours
Environmental Quality Baseline							Dust, noise and surface water quality baseline establishment is pending, no action from contractor
							Corrective Action 1. Sep Monthly meeting, this issue was raised for contractor pay attention 2. Site Instruction is provided for contractor to comply it
Approval of Concrete Mixing Plan, sand extraction source and stone riprap/ or ECC							Concrete mixing plan is installed process, sand extraction and riprap stone are operating, but there are no approval from PoNRE.
							Site Instruction/Corrective Action 1. Contractor should coordinate with PoNRE for approval 2. Concrete sediment pond must be

ISSUES	KPRC	FNRC	PURC	DVRC	SWMS	HLKS	MRES
							installed before operating plant
Regular Awareness Raising on environment, health & Safety					Weekly awareness raising should be implemented	Weekly awareness raising should be implemented	
					Advice is provided to contractor for conducting weekly awareness raising	Advice is provided to contractor for conducting weekly awareness raising	
Inadequate traffic management							No working lane & construction, all lanes are constructed without traffic zone
							Comment was provided at monthly meeting for re-adjust method statement, to ensure sure that there is traffic lanes.
HIV & communicable Prevention awareness raising to workers						Contractor is required to provide external expert to conduct training to workers	Contractor should provide awareness raising for preventing HIV and other sexual communicable diseases outbreak.
						Advice is provided to contractor in monthly meeting and comment on monthly report	Informal advice was provided to EHSO for conducting awareness raising

## **B. ENVIRONMENT QUALITY MONITORING**

49. Monitoring requirements are set out in detail in the EMP. The environmental quality monitoring program will be conducted on two levels (i) compliance monitoring and (ii) baseline and conduct of monitoring to determine the extent of variations and changes in the levels of pollutants in the environment and other parameters and indicators considering the implementation or operation of the project.
50. Report period is rainy season, as mentioned in previous semiannual report, the dust and noise monitoring for 4 urban road subprojects will not continue, because the asphalt pavements completely constructed, and it is not necessary to monitoring again, the locations were selected are completed asphalt pavement. Surface water quality monitoring in HLK was not conducted during the report period as well, because it is rainy season and not much work in the construction sites, thus, the next monitoring will be conducted in the early next year.
51. Mekong River Embankment Subproject is required to established environment baseline air, noise and surface water, so far, there is no any progress for implementing it, CSCS has provide advise during monthly meeting and site instruction to contractor and expected next report period, contractor will establish the environment baseline as defined in EMP.

## **C. OTHER MONITORING ACTIVITIES**

52. Regular Monitoring: Environment, Health and Safety Officer has conducted daily monitoring as basic for checking and mitigating the environment and safety issues in the construction sites, CSC and QC also regular observe for any issues, included environment and health and safety related or associated to construction activities. NES and PMU also regular conducted monitoring for each subproject as monthly basic to ensure that all environment requirements are implemented as defined in CEMP/EMP.
53. Grievance Specialist from ADB has selected GMS1 to study GRM, the project has support ADB expert to visit all construction sites, GRM implementation, recording system, responding to complaint, and other methods that applied in GMS1, project also facilitated and translated for interviewing affected person during his mission.

## IV. RESETTLEMENT PERFORMANCE MONITORING

54. Resettlement Plans are being implemented for 6 out of 7 sub-projects as shown in Table X. Compensation and land acquisition activities were completed in prior reporting periods. During the current reporting period civil works have been underway and routine safeguards monitoring has been undertaken.

Sub-Project	RP Approval	Compensation and Land Acquisition
Kaysone Phomvihane Road	April 2018	May 2018
Fa Ngum Road	May 2017	Nov 2017
Dansavanh Urban Roads	May 2018	Jul 2018
Phine Urban Roads	Aug 2018	May 2019
Houay Longkong Drainage Improvement	Nov 2018; Dec 2019 (additional works)	Dec 2018 Dec 2019 (Additional works)
Mekong River Embankment Protection	April 2019	May 2019
Sanitary Landfill and Waste Recovery Facility	n/a	n/a

55. A socio-economic survey was conducted in September, approximately 3 months after relocation, to determine if Mekong embankment vendors displaced by the project have restored their livelihoods. The results showed that the majority of vendors had successfully re-established their businesses at new locations and self-report their economic condition to be the same or better than before. A follow-up survey will be conducted in January 2020 to verify these results and to identify if any affected households require further assistance to restore incomes to pre-project levels.
56. During the reporting period no land acquisition took place. However, land acquisition in previous reporting periods resulted in 117 AHs losing part of their land (mainly related to road improvements). In these cases, PMU has been providing assistance to update land ownership documents to show the correct area. Each affected household has been visited and PMU is coordinating with the district land office responsible for managing land ownership documents.
57. A review of possible social safeguard issues affecting waste pickers at the current landfill facility. The review identified potential economic displacement due to the sub-project. Accordingly, a Resettlement Plan will be submitted within the next reporting period.
58. Additional works for existing sub-projects were approved in August 2019. A social safeguards screening identified resettlement impacts (economic displacement) relating to additional works proposed for the Houay Longkong sub-project. Accordingly, the Resettlement Plan was updated for this sub-project and submitted to ADB for consideration.

59. Additional works involve construction of a Decentralized Waste Water Treatment System (DEWATS) to improve the environmental quality of water in the Houaylongkong channel. The project site comprises 2.7 of government land. As detailed in the updated RP, construction of DEWATS will affect 3 household as follows:

**Table X: Number of Affected Households**

No. AHs	Impacts Identified	Mitigation Measures	Implementation Status
1	Household is farming on the project site	Assistance for structures and fixed assets, transport assistance, livelihoods restoration support	Assistance has been provided; Monitoring of livelihood restoration is underway.
1	Household living in an adjoining property has constructed a temporary storage shed that is encroaching on the project site.	Provide assistance to enable the owner to dismantle the structure and make good.	Assistance has been provided and structure has been removed. No further action required.
1	Household uses the project site to access their house and has no other access.	Exclude the access track from the project footprint to enable continued use by the AH.	DEWATS design has been updated to exclude this area of land.

PMU, with support from CSCS, has undertaken field monitoring and community consultations relating to all sub-projects, with a particular focus on the additional works approved in this reporting period (see Table X, below for details)

**Table X: PMU Field Monitoring**

Date, Sub-project, Location	Participants	Purpose	Details
December 10-13, 2019 Phine	60 persons	Re-issue land titles for partial land acquisition.	Collected land titles of affected households and provided to district land office to re-issue titles.
October 28-31, 2019 Dansavanh	30 persons	Re-issue land titles for partial land acquisition.	Collected land titles of affected households and provided to district land office to re-issue titles.
September 10-19, 2019 Mekong Embankment	35 AHs	Monitoring on livelihood restoration	Survey all 35 affected households on their business or livelihood restoration.
[date] Mekong Embankment	1 AH	Investigation of grievance	Investigation into claim by property owner about encroachment by road works – see table of grievances below.

**Table 6: Summary of Compliance with RP Requirements**

<b>RP Requirements</b>	<b>Compliance Yes/No/Partial</b>	<b>Comment or Reasons for Compliance, Partial Compliance/Non-Compliance</b>	<b>Issues for Further Action<sup>2</sup></b>
Establishment of personnel in PMU/PIU	Yes	<ul style="list-style-type: none"> <li>Completed in previous reporting period.</li> <li>PMU is established at Province level; PIU's are established at the District level (x3).</li> <li>CSC provides technical support to PMU with a team including 1 national and 1 international social safeguards specialist.</li> </ul>	None
Public consultation and socialization process	Yes	<ul style="list-style-type: none"> <li>Multiple consultations with project affected households have been held as per consultation plans in RPs and LACPs. For details see Section VII</li> </ul>	None
Land area to be acquired is identified and finalized	N/A	<ul style="list-style-type: none"> <li>No land acquisition has occurred during the reporting period.</li> </ul>	None
Resettlement plan(s) updated after detailed design	Yes	<ul style="list-style-type: none"> <li>Social Safeguards Due Diligence reports were completed for all additional works, resulting in identification of resettlement impacts in one sub-project: the Houay Longkong sub-project. The Resettlement Plan was therefore updated.</li> </ul>	None
Land acquisition completed	N/A	<ul style="list-style-type: none"> <li>No land acquisition in this reporting period</li> </ul>	None
Establishment of Resettlement Site(s)	N/A	<ul style="list-style-type: none"> <li>No physical resettlement in this reporting period</li> </ul>	None
Compensation payments for affected assets is completed prior to civil works commencing	Yes	<ul style="list-style-type: none"> <li>Total AHs in this monitoring period = 3 AHs (Houay Longkong sub-project additional works)</li> <li>AHs receiving compensation and other entitlements = 3 Ahs</li> <li>Disbursement of compensation and other entitlements in this reporting period = 32,625,000 LAK</li> </ul>	None

<sup>2</sup> To be elaborated further in table 3.b (Issues for Further Action)

RP Requirements	Compliance Yes/No/Partial	Comment or Reasons for Compliance, Partial Compliance/Non-Compliance	Issues for Further Action <sup>2</sup>
Transport assistance for relocating affected households	Yes	<ul style="list-style-type: none"> <li>1 AH (Houay Longkong sub-project additional works)</li> </ul>	None
Additional assistance to vulnerable affected household	Yes	<ul style="list-style-type: none"> <li>0 AHs classified as vulnerable in this reporting period;</li> <li>29 AHs classified as vulnerable in previous reporting periods</li> </ul>	Monitoring of vulnerable households will be conducted in Q1 2020 to assess any ongoing project-induced livelihoods impacts.
Income Restoration Program	Yes	<ul style="list-style-type: none"> <li>Mekong Embankment - The majority of traders have successfully relocated. A follow-up survey is planned in Q1 2020.</li> <li>Houay Longkong DEWATS – cash equivalent to 3 months income was provided to 1 AH in December 2019; outcomes will be assessed through follow-up monitoring at 3 monthly intervals until income is assessed as fully restored.</li> </ul>	None
Temporary impacts have been addressed (affected properties restored to at least pre-project conditions)	Yes	<ul style="list-style-type: none"> <li>RPs identified risk of access restrictions to road side properties during road improvement works.</li> <li>Contractors have been instructed to minimize disruption (extent and duration) and to restore access promptly upon completion of works.</li> </ul>	Upon completion of road works inspect all completed roads to ensure access to road-side property is restored; community leaders to sign-off the inspection.
Capacity building activities	PMU resettlement coordinator participated in ADB safeguards training in November	<ul style="list-style-type: none"> <li>CSCS provides continuous on-the-job training for PMU and PIC on safeguards issues.</li> </ul>	

**Table 7: Issues for Further Action**

Issue	Required Action	Responsibility and Timing	Resolution
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<i>Old Issues from Previous Reports</i>			
External monitor raised concern about health and safety of informal waste pickers at land fill facility.	Undertake due diligence screening to determine if an RP is required.	Responsible: PMU/CSCS Timing: Not specified	Project has completed internal screening and concluded an RP is required; currently being prepared
<i>New Issues from This Report</i>			
Entitlements have been provided to 29 vulnerable affected households identified in RPs. However follow-up monitoring has not been undertaken for all sub-projects.	Survey vulnerable affected households. In case of ongoing project-induced livelihoods impacts additional measures will be required.	Responsible: PMU/CSCS Timing: Q1 2020	Pending
RPs identified risk of access restrictions to road side properties during road improvement works. Contractors have been instructed to minimize disruption (extent and duration) and to restore access promptly upon completion of works.	Field inspection required to confirm access has been restored in all cases.	Responsible: PMU/CSCS Timing: Q1 2020	Pending

## **V. INDIGENOUS PEOPLE PERFORMANCE MONITORING**

60. Not applicable for this Project.

## **VI. PUBLIC CONSULTATION, INFORMATION DISCLOSURE, AND CAPACITY BUILDING**

61. This session is presented the public consultation related construction design, and other information regarding the projects and grievance procedure and capacity building, it also included formal training, informal training, and awareness raising and study tour.

### **A. CAPACITY BUILDING**

62. Workers awareness raising has been conducted by contractors as required in CEMP/EMP, on a weekly basis regarding environment, health and safety. All workers had oriented environment, health and safety before start their duties. The detail information is available in the monthly environment monitoring report that submitted to CSCS in each month.
63. During report period, awareness raising on HIV and other communicable diseases prevention to workers in 4 subprojects such Phine Urban Road Subproject date 26.06.2019 (Previous report period, but contractor submitted report late), Fa Ngum Road Subproject date 23.07.2019, Kaysone Phomvihane Road Subproject date 27.07.2019 and Solid Waste Management Subproject date 17.09.2019 as detail are provided in APPENDIX A.
64. Project/CSCS has provided environment, health and safety training to Staffs of Mekong River Embankment subproject particular the EHSOs, site managers, and new EHSOs from other subprojects that contractor change new staff like Fa Ngum road subproject and Kaysone Phomvihane Road Subproject, the training event was invited relevance government agencies to participate such PoNRE, DoNRE, and DPWT, included 2 PMU's staffs as well. The training event was designed as two days training program at Garden KM8, during 6-7 November 2019. There are total 14 participants, included 6 females. The training has provided intensive of contents on project background, environment background, environment law, environment standard, waste management and specific potential environment impact, mitigation, monitoring system, report, checklist and grievance for embankment subproject.

### **B. INFORMATION DISCLOSURE/PUBLIC CONSULTATION & GRIEVANCE**

65. In compliance to the Safeguards Policy Statement of the Bank (SPS 2009) and the approved EMPs and the Environmental Regulations of the Government of Lao, Public Consultations were conducted with the stakeholders, affected persons (APs), government representatives and concerned parties in the sub-project areas. The consultations were organized to provide the stakeholders and APs with the venue to provide feedback, raise issues and concerns about environmental matters directly to the Contractors, PMU and CSC.
66. Leaflets has been developed and distributed to local people. Sign Posts containing Contact details of the Contractor, PMU and Consultants has been installed.
67. Orientation on the GRM Process has been conducted through the requisite with public consultations process and the requisite Grievance Lodging and Recording System has

already been established. APPENDIX A: presents the details of the Public Consultations conducted for the during the report period. Signposts are regular obtained and all signposts are remaining at the construction sites. Grievance logbook had been distributed to all contractors, but due to lack of complaint, contractor forget grievance logbook. NES has refreshed the contractor to obtain recording the any informal or formal complaints, all complaints must be recorded, and a month with zero complaint should be marked as zero complaint as well.

68. Project information leaflets have been developed and distributed to APs and the local community. Information boards with contact details of the Contractor, PMU and Consultants have been installed.
69. Orientation on the Grievance Redress Mechanism (GRM) has been conducted as part of the public consultations process.
70. Public consultation for additional works during the report period has conducted 7 events (see details in the APPENDIX A):
  - DEWATS-detail engineering design consultation at Savannakhet DPWT Meeting hall date July 8, 2019 at Savannakhet DPWT Meeting Hall,
  - DEWATS-information dissemination and local community level consultation at Saphan Tai Village Meeting hall, date 02/09/2019.
  - International Savannakhet Airport Access road consultation was organized at Dongdamdoune village meeting hall, date 28/08/2019.
  - Upgrade Thahae road and Soukhavadee road consultation was organized at Namouang village meeting hall, date 04/09/2019, Ban Napho
  - access road upgrading consultation was organized at Ban Napho temple, date 05/09/2019 and Ban Alone
  - Access road upgrading consultation was organized at Dansavanh village meeting hall, date 06/09/2019.

## VII. GRIEVANCE REDRESS MECHANISM

71. A project grievance redress mechanism (GRM) has been established within each sub-project to enable affected persons and other stakeholders to lodge complaints and raise concerns on any project-related issues, including inter alia environmental management, resettlement management, community health and safety. Villagers and AHs were informed about their right to lodge a complaint through the GRM and the procedure for reporting a grievance through community meetings prior to construction commencing.
72. During Jun-Dec 2019, there were a total 9 grievances received. All cases were investigated together with community leaders and resolved in a manner consistent with project covenants, national laws and local dispute resolution practices.
- Number of new grievances, if any, since last monitoring period: 9
  - Number of grievances resolved: 8
  - Number of outstanding grievances: 1

**TABLE 7: STATUS OF GRIEVANCES**

Date Sub-project	Description of Grievance	Result of Investigation	Resolution Status
<b>Issues outstanding from previous reporting period</b>			
None			
<b>New Issues in current period of report</b>			
02.07.2019 Kaysone Road Subproject	Access to property in Ban Dongdamdoune, obstructed by road works	Investigation confirmed access was obstructed by excavation of roadside drainage.	<i>Resolved</i> - 04.07.2019  R8CE responded by immediately filling the hole and compacting for easy access
03.07.2019 Phine urban road subproject	Grievance submitted to PIT office from Hospital Director about dirt and mud on entrance to Phine District Hospital	Investigation confirmed excessive mud and dirt. Contractor was instructed to clean up.	<i>Resolved</i> - 11.07.2019  Contractor completed clean-up of access road within a few days.
26.08.2019 Mekong Embankment	One (1) road-side property owner complained that road works had encroached on land, damaged a brick wall and negatively affected business revenue.	Investigation found: - road works are within right of way and no encroachment has occurred; - Boundary wall was damaged by road construction; - Business can continue operating without adverse effects	<i>Resolved</i>  - Contractor has restored the damaged fence.
27.08.2019 Kaysone Phomvihane Road subproject	Access to property obstructed (right, KM04+300) Ban Dongdamdoune	Investigation confirmed access was obstructed by excavation of roadside drainage.	<i>Resolved</i> - 27.08.2019  R8CE repaired the access road using existing scarified asphalt material to re-surface and compact and it finished within
20.09.2019	Gas station owner at Ban Phonsavang Neua requests	Investigation found the request is to enlarge the access (not	<i>Resolved</i>

<b>Date Sub-project</b>	<b>Description of Grievance</b>	<b>Result of Investigation</b>	<b>Resolution Status</b>
Khaysone Phomvihane Road	contractor to widen concrete access	restore).	Gas station owner agreed to provide rebar for the additional area; contractor agreed to provide concrete and man power.
23.09.2019  Mekong Embankment	One (1) embankment restaurant owner requested additional compensation for loss of kitchen beneath the 'sala'	This is an additional claim for transport assistance to remove a temporary kitchen situated underneath the concrete platform of the 'sala'.	Case has been resolved.  PMU arranged for the Contractor to transport all kitchen equipment and materials to the owner's new location.
22.10.2019  Mekong Embankment	One (1) embankment property owner requested compensation for a wooden house located nearby the immigration office.	The investigation found the property will not be affected by Embankment construction. The applicant misunderstood the project footprint.	Resolved  No action required.
10.12.2019  Phine urban road subproject	Three residents of Sakhouan village, Phin district requested roject to provide drainage along the roadside with their lands	Investigation found the land adjacent to the road is paddy field, there was no previous drainage and thus no drainage in the DED,	Resolved - 17/12/2019  Explained that the project could not support as they requested; applicants accepted the response.
16.12.2019  Phine urban road subproject	Resident of Pasomxay village requested contractor to restore disturbed land adjacent to the road.	Investigation confirmed disturbance. Contractor agreed to restore the surface as soon as possible after completing road embankment	Pending –  Contractor agreed to make good before 10/02/2020

## VIII. APPENDICES

### A. PUBLIC CONSULTATIONS AND CAPACITY BUILDING

Date, Venue, Participants, Project	Summary of discussion / event
<p><b>Date:</b> July 8, 2019</p> <p><b>Venue:</b> Savannakhet DPWT Meeting Hall</p> <p><b>Participant:</b> 18 persons (3 Females)</p> <p><b>Project:</b> Additional Work - Consultation on DEWATS Detail engineering Design</p>	<ul style="list-style-type: none"> <li>▪ Detail engineering design consultation workshop of DEWATS are presented by designer team from BORDA.</li> <li>▪ The consultation workshop has invited different stakeholders, experts from different fields, as engineer, environment, management. the participants from DPWT, PMU, CSCS, and other departments as PoNRE, Governance Office, UDAA, and Kaysone Phomvihane Municipality governor office, especially, contractor of HLK was also participated.</li> <li>▪ The DEWATS detail engineering design was agreed in general and minor comments at the workshop are presented below: <ul style="list-style-type: none"> <li>○ Integrate fence surrounding the DEWATS areas for protecting people and animal to enter to the areas.</li> <li>○ Integrate tree plantation, where are suitable areas for shade and green areas.</li> <li>○ The wastewater from households, where are exclusive from DEWATS should be continue design and include to water treatment system.</li> </ul> </li> </ul>
<p><b>Date:</b> August 28, 2019</p> <p><b>Venue:</b> Dongdamdouan Village Office</p> <p><b>Total:</b> 19 Persons</p> <p><b>Female:</b> 7 persons</p> <p><b>Project:</b> Additional work - Upgrading International Savannakhet Airport access road</p>	<ul style="list-style-type: none"> <li>▪ Villagers, who live along the Savannakhet International airport road are potential impacted from air pollution, noise pollution and erosion during construction. The villagers who are unsatisfactory related to environment mitigation, they/he/she can complaint to concerned parties as contractor, village authority and the project owner, the detail contact are displayed in the sign post contact. During the construction, unforeseen impact may happen from using the heavy equipment which leads to lost structure, assets or land, included environment disruption, villager can also submit the grievance letter to grievance points for solving the issues.</li> <li>▪ Households, who have concrete Pipe and concrete slab in the household access, during construction contractor will provide temporary access for each household, the current drainage will be replaced with design drainage standard, villager can claim the piles and concrete slabs that belong to you during the removal. After completion, the concrete slab will be re-installed with access road designed</li> <li>▪ The households who can't attend the meeting today, the village authority will distribute the meeting document that technical staff disseminated today to all households.</li> <li>▪ Villagers agreed with road construction, environment and resettlement assessment.</li> </ul>
<p><b>Date:</b> September 2, 2019,</p> <p><b>Venue:</b> Ban Saphantai meeting hall,</p> <p><b>Participant:</b> total 12</p>	<p>(1) The public consultation was organized for information disclosure on environment, health, safety, included grievance procedure and result of resettlement assessment.</p> <p>(2) There are participants from Ban Saphantai village, where is DEWATS located that included villager authorities and villagers, and affected persons from resettlement assessment.</p>

Date, Venue, Participants, Project	Summary of discussion / event
<p>participants and included 4 females.</p> <p><b>Additional work:</b> DEWATS</p>	<p>(3) The Key discussions during the public consultation are presented below</p> <ol style="list-style-type: none"> <li>Q: a household asked for a state land for his access where they daily use, if the government does not agree on this he will have no way to access his property. <i>A: the answer and implementation will be given after consulting with Department of Natural Resources and Environment.</i></li> <li>Q: the residents will get bad odors from wastewater treatment ponds. <i>A: the design has included gravel filter, water planting, it will reduce the bad smell during operation, and it will be flowed all the times and regular maintenance.</i></li> <li>Q: Request for construct access road to Huay Longkong directly for people who live near the left side of the DWATS or on the main road. This means that the project workers can travel via this way into the construction site during the construction period as well. <i>A: it will not matter if the governmental property is used by several households in common. The implementation will be discussed with the PoNRE before giving final answer.</i></li> <li>Q: the Huay Longkong bridge which is planned to construct at two points. One point is proposed to construct in the opposite of the market, so people from Thahae can cross conveniently. <i>A: inform the project after agreeing by most voices.</i></li> <li>Q: the contractor made a verbal agreement to use the land for excavation for drainage conversion, when it is completed, the drainage will be re-surfaced. It is required to be official agreement, concerning contractor might not comply with verbal agreement. <i>A: the project will force the contractor company to re-surface drainage as agreed. If not, there will be measures against the contractor.</i></li> <li>Q: there is drainage between Mr. Okhuanchai and Mr. Bounthoua's land next to the wastewater treatment area, is possible for project lay pipes and villagers will use their pipes in their land areas. <i>A: the project has pipelines which dug out from the A1 road, if the residents are interested in using, they can put where they want to.</i></li> <li>Q: families who live in this area proposed to continue farming <i>A: the project team will discuss with each family the solutions whether about occupations and living pattern in the future</i></li> </ol>
<p><b>Date:</b> September 4, 2019</p> <p><b>Venue:</b> Thamueg village Office</p> <p><b>Total:</b> 27 Persons</p> <p><b>Female:</b> 6 persons</p> <p><b>Additional work:</b> Upgrading Thahae &amp; Soukhavadi road</p>	<ol style="list-style-type: none"> <li>Q: As the drainage excavation along the road sides, business will not be able to continue by the families in that area. Will the project provide the compensation? <i>A: The compensation on the business lost is to be paid to the affected household who relocated and the structured dismantled relocating the business to another location. In this case, your business can operate as regularly, after excavation, contractor will provide the temporarily access road/ bridge that you can operate your business.</i></li> <li>Q: the impacted current land is not from this town development project. Will the project issue the new land title? <i>A: According to the survey, no land has been impacted (landowner did not participate, only village authority provided information), the resettlement team will coordinate with landowner and village authority checking again. In case the land affected from previous project, the project will discuss with Provincial and Department of Public Works and Transport.</i></li> </ol> <p>▪ Q: During the construction, if water pipe was broken by excavation, can</p>

Date, Venue, Participants, Project	Summary of discussion / event
	<p>the pipe be repaired timely?</p> <p>A: The project has invited the water technicians to provide information on pipes in order to deal with the pipe problems. If this occurs, the project will repair immediately.</p> <ul style="list-style-type: none"> <li>Q: During the construction period, the accidents may happen such as wall damage. Will the project grant compensation?</li> </ul> <p>A: The project will grant compensation cost for the damage.</p> <ul style="list-style-type: none"> <li>Q: can the project remedy the environmental problems immediately example dump trucks are speed to fast, without cover, to must dusty?</li> </ul> <p>A: yes. The dusty can be minimized with mitigation options as trucks will be covered, limited speed and regular watering.</p> <ul style="list-style-type: none"> <li>Q: will the project install the warning sign?</li> </ul> <p>A: The project has assigned the contractor company to install warning signs on all the risky and dangerous area and regular safety inspection.</p> <ul style="list-style-type: none"> <li>Q: Many roads were built, after that local people left sand, rocks without responsible authorities and no authority to enforce them?</li> </ul> <p>A: the maintenance of post-construction is still a state issue that needs to be addressed.</p> <ul style="list-style-type: none"> <li>The summary of discussion found that there are potential environment impacted during construction, and mitigation will be addressed those impacts, if there are any issues during construction, affected person, concerned person can complaint to the project grievance for solving the issues immediately as similar to any individual/entity property damaging can raise the issue to grievance points as well.</li> <li>Village authorities agreed that, hand out material will be distributed to villagers, who are absent from this consultation.</li> </ul>
<p><b>Date:</b> September 5, 2019</p> <p><b>Venue:</b> Ban Na Pho Temple</p> <p><b>Total:</b> 36 Persons</p> <p><b>Female:</b>14 persons</p> <p>Additional work:</p> <p>Upgrading Ban Na Pho Access Road</p>	<ul style="list-style-type: none"> <li>Villagers, who live along the Ban Na Pho Access road are potential environment impacted during construction, and mitigation will be addressed those impacts, if there are any issues during construction, affected person, concerned person can complaint to the project grievance for solving the issues immediately as similar to any individual/entity property damaging can raise the issue to grievance points as well and all complaints will be recorded, justified or solved as soon as possible.</li> <li>Village authorities agreed that, hand out material will be distributed to villagers, who are absent from this consultation.</li> <li>Villagers agreed with road construction, environment and resettlement assessment.</li> </ul>
<p><b>Date:</b> September 6, 2019</p> <p><b>Venue:</b> Dansavanh Village Office</p> <p><b>Total:</b> 25 Persons</p> <p><b>Female:</b>12 persons</p> <p><b>Additional work:</b></p>	<p>1. Villagers, who live along the Ban Alone access road are potential impacted from air pollution, noise pollution and erosion during construction. The villagers who are unsatisfactory related to environment mitigation, they/he/she can complaint to concerned parties as contractor, village authority and the project owner, the detail contact are displayed in the sign post contact. During the construction, unforeseen impact may happen from using the heavy equipment which leads to lost structure, assets or land, included environment disruption, villager can also submit the grievance letter to grievance points for solving the issues.</p>



Date, Venue, Participants, Project	Summary of discussion / event
Upgrading Ban Alone Access Road	<p>2. The households who can't attend the meeting today, the village authority will distribute the meeting document that technical staff disseminated today to all households.</p> <p>3. Villagers agreed with road construction, environment and resettlement assessment.</p>
<p>Date: 18 October 2019</p> <p>Venue: Xayyaphoum Village Hall</p> <p>Total: 22 persons</p> <p>Female: 15 persons</p> <p>Title: Mekong River Embankment Subproject Public Consultation</p>	<p>1) PMU Project director ha open the public consultation and present the project background, overall information regarding the project, funding source and all subprojects.</p> <p>2) Contractor had presented subproject background, subproject implementation plan, schedule and construction procedure in brief.</p> <p>3) Environment, health, and safety officer has presented the potential environment impact during the construction phase, included mitigation options, and grievance in subproject.</p> <p><b>Discussion:</b></p> <p>4) Villager raise the issue that, contractor has regular watered the routes of sand transportation, but road was dried quickly, due to hot weather and concrete pavement road, he suggested contractor to clean the road</p> <p>A: Mr. Phomma, PMU Director also added that contractor should regularly clean the road at least two times per week along the material transportation road, and 4 times watering per day.</p> <p>B: Contractor as site manager representative agreed to with cleaning and watering as suggestion from PMU and villagers</p> <p>5) Others villagers also added that they found many trucks transport construction material cross their communities quite fast and found in the rush hours. They suggested contractor to find the better mitigation for these issues.</p> <p>A: Consultant and PMU warned contractor that according to CEMP, contractor has to limited speed 20 KM per hour, and 5-10 KM per hours in the dense communities and not allow to transport heavy material or truck into town during the rash hour. Contractor must stringently implement CEMP</p> <p>B: Contractor agreed to follow up with all drivers, to organize awareness raising and setup principle and rules for enforce all drivers to follow with CEMP that approved from CSCS.</p> <p>6) Another village also complained the contractor that some trucks transported material like sand or stones without cover. Some trucks covered only half.</p> <p>A: PMU &amp; consultant also advised the contractor to follow mitigation plan that signed in contractor as stated in EMP and CEMP, all trucks should be properly covered, to ensure there are no any leakage of material/sand to public road.</p> <p>B: Contractor agreed to monitor with all trucks and to provide tarpaulin cover each truck and enforce all drivers to cover their trucks during transport material to construction site.</p>


## B. CAPACITY BUILDING

Awareness raising on HIV and other Communicable disease for workers	
<b>Date:</b> 17.09.2019 <b>Venue:</b> VSP-worker's camp Participant: 33/3 FM <b>Subproject:</b> Solid Waste Management	<b>Title:</b> HIV, AIDS, Sexual Transmission Disease and other communicable diseases prevention awareness raising. <b>Contents:</b> (1) Sexual Transmission Disease: the common sexual transmission types, symptom and protection methods (2) HIV, and AIDS: knowledge about AIDS regarding original HIV virus, symptom of the affected person, risk person to get affect from HIV, and prevention strategy/optional (3) Demonstration for using condom for prevent any sexual transmission disease and disseminate brochure regarding HIV-AIDS.
<b>Date:</b> 27.07.2019 <b>Venue:</b> R8CE-worker's camp Participant: 33/6 females <b>Subproject:</b> Kaysone Phomvihane Road	<b>Title:</b> HIV, AIDS, Sexual Transmission Disease and other communicable diseases prevention awareness raising. <b>Contents:</b> (1) Sexual Transmission Disease: the common sexual transmission types, symptom and protection methods (2) HIV, and AIDS: knowledge about AIDS regarding original HIV virus, symptom of the affected person, risk person to get affect from HIV, and prevention strategy/optional (3) Demonstration for using condom for prevent any sexual transmission disease and disseminate brochure regarding HIV-AIDS.
<b>Date:</b> 23.07.2019 <b>Venue:</b> CPK-engineer office Participant: 30/2 females Subproject: Fangum Road	<b>Title:</b> HIV, AIDS, Sexual Transmission Disease and other communicable diseases prevention awareness raising. <b>Contents:</b> (1) Sexual Transmission Disease: the common sexual transmission types, symptom and protection methods (2) HIV, and AIDS: knowledge about AIDS regarding original HIV virus, symptom of the affected person, risk person to get affect from HIV, and prevention strategy/optional (3) Demonstration for using condom for prevent any sexual transmission disease and disseminate brochure regarding HIV-AIDS.
<b>Date:</b> 26.06.2019 <b>Venue:</b> TSC-worker's camp Participant: 95/10 females <b>Subproject:</b> Phine Urban Road	<b>Title:</b> HIV, AIDS, Sexual Transmission Disease and other communicable diseases prevention awareness raising. <b>Contents:</b> (1) Dengue fever prevent: dengue fever symptoms, treatment procedure and prevent of dengue outbreak (2) Sexual Transmission Disease (HIV, AIDS and others): knowledge about AIDS regarding original virus, symptom risk to get affect from HIV, and prevention strategy/optional (3) First Aid Treatment Training: basic accident, transfer to hospital method, electricity shock, drown in the river, basic support to affected person.
Environment Capacity Building for contractors, government counterpart	
6-7 November 2019 KM8 Garden Title: Environment, Health and Safety Training Participant: 14 persons Female: 6 persons	Two days training which provided different topics to engage the participants to understand the environment principle and specific in EMP of Mekong River Embank The content of training has included environmental background, waste introduction, common environment impacts, roles and responsibilities of relevance agencies for implementing CEMP/EMP, Environmental mitigation plan, Monitoring plan, monthly environment report, GRM (recording and resolution procedure, included relevance agencies), specific checklist and public consultation requirement both informal and formal.

## C. PHOTOS AND ATTENDANCE SHEET OF PUBLIC CONSULTATION


### 1. Savannakhet International Airport Access Road

FIGURE 10: ATTENDANT LIST OF SAVANNAKHET INTERNATIONAL AIRPORT PUBLIC CONSULTATION

<div style="text-align: center;">  <p>ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ</p> <p>ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ</p> </div>						
<div style="display: flex; justify-content: space-between;"> <div>  <p>ກະຊວງ ໂຍທາທິການ ແລະ ຂົນສົ່ງ ພະແນກ ຍທຂ ປະຈຳແຂວງສະຫວັນນະເຂດ ໂຄງການສັດທະນາຄົວເມືອງ</p> </div> <div> <p>ລາຍຊື່ ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມ ແຈ້ງຜົນການສຳຫຼວດສິ່ງກົດຂວາງ ແລະ ການປຶກສາຫາລືສິ່ງແວດລ້ອມ ແລະ ຄວາມປອດໄພ ໂຄງການຍ່ອຍ ກໍ່ສ້າງ ທາງເຂົ້າສະໜາມບິນ ສຳລັບໂຄງ ການສັດທະນາຄົວເມືອງ ຕາມແລວທາງ ເສດຖະກິດຕາເວັນອອກ-ຕາເວັນຕົກ ອະນຸພາກພື້ນ ແມ່ນ້ຳຂອງ</p> <p>ດັ່ງວັນທີ 28 ສິງຫາ 2019 ເວລາ 14:00 ໂມງ ສະຖານທີ່: ຫ້ອງການ ບ້ານດົງດຳດວນ</p> </div> </div>						
ລ/ດ	ຊື່ແລະນາມສະກຸນ	ຊື່ແລະນາມສະກຸນ(ສົມລົດ)	ໜ້າທີ່ອົບປະຈຮອບ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ້າວ ສະນະເດດ ບຸນມິໄຊ	ນາງ ບຸລິເສສະໄພ ບຸນມິໄຊ		ດົງດຳດວນ	020 97449999	
2	ໂຮງງານສະລິດເສັ້ນໄຟເທິງກວາງດຸ້ງ			ດົງດຳດວນ	030 9913502	
3	ທ່ານ ອິດສະຫຼະ (ບໍລິສັດອາລາປາສິມບຸນ ການຄ້າ)	ນາງ ຄຳພູກ		ດົງດຳດວນ	55540333	
4	ທ່ານ ພິນໂທ ຈະເລີນ ວົງວິໄຊ			ດົງດຳດວນ		
5	ດົນຕ້າຍທະຫານ ກອງຮ້ອຍ ໑໑8	ກິດຕິລາດ ໄພທິສານ		ດົງດຳດວນ	55447893	
6	ບ້າຍໂຄສະນາ			ດົງດຳດວນ		
7	ທ້າວ ຫຼຸດອນ	ນາງ ແສງຈັນ		ດົງດຳດວນ		
8	ທ້າວ ວົງສະໄຫວ ວິໄລແສງ	ນາງ ວັນ		ດົງດຳດວນ	55408311	
9	ພິນໂທ ບຸນມາ (ຊື່ເດີມ) ສາຍແລ້ວ			ດົງດຳດວນ		
10		ນາງ ອາລີ		ດົງດຳດວນ	22662888	
11	ທ້າວ ຕ້ອມ	ນາງ ນິທາ		ດົງດຳດວນ	030 5291818	
12	ນາງ ວຽງແກ້ວ ສຸດທະວົງ			ດົງດຳດວນ	96676075	
16	ທ້າວ ບຸນຍົງ			ດົງດຳດວນ		
17	ທ້າວ ລ່ອງ	ນາງ ເພັງ		ດົງດຳດວນ	55606993	
18	ທ້າວ ບຸນຕີ ຊິວສິວິໄລ			ດົງດຳດວນ		
19	ທ້າວ ອິດ ອາໄສ	ນາງ ແກ້ວ		ດົງດຳດວນ		
20	ພິນໂທ ບຸນມາ ສອນໄຊຍະວົງ	ນາງ ປິດຄຳ		ດົງດຳດວນ		
21	ທ້າວ ວຽງທອງ ສິຫາລາດ	ນາງ ດຸນແກ້ວ		ດົງດຳດວນ	030 4771703	
22	ທາງ ເຂົ້າສາງໂມ້ນເຮືອບິນ	ນ. ພິກະ		ດົງດຳດວນ	041 231664	
23	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU		
24	ທ. ພິກະ ສິຫາລາດ	ສິຫາລາດ		PMU	823/665	
25	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	28072008	
26	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	96676095	
27	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	55289482	
28	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	99983452	
29	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	55339555	
30	PMU STERN	PMU STERN		PMU	22073646	
31	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	55408849	
32	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	9678/444	
33	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	9678/444	
34	ທ. ພິກະ ວົງພະສິດ	ທິດສະດີ ສິຫາລາດ		PMU	56805958	
35						

## 2. Thahae & Soukhavadi Access Road Public Consultation Minute

FIGURE 11: ATTENDANT LIST OF THAHAE & SOUKHAVADI ROAD PUBLIC CONSULTATION

<div>  <p>ກະຊວງ ໂຍທາທິການ ແລະ ຂົນສົ່ງ ພະແນກ ຍທຂ ປະຈຳແຂວງສະຫວັນນະເຂດ ໂຄງການສ້າງທາງເຂດທະນາຄົວເມືອງ</p> </div>						
<div> <p>ລາຍຊື່ ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມ ແຈ້ງຍືນສໍາຫຼວດສິ່ງກົດຂວາງ ແລະ ປົກສາທາລີ ສິ່ງແວດລ້ອມ ແລະ ຄວາມປອດໄພ ໂຄງການ ກໍ່ສ້າງຖະໜົນສູນຂາວະດີ ບ້ານ ໂພນສະຫວ່າງໄດ້ ແລະ ບ້ານນາເລົ່າ ສຳລັບໂຄງການສ້າງທາງເຂດທະນາຄົວເມືອງ ຕາມແຜນທາງເສດຖະກິດ ຕາເວັນອອກ-ຕາເວັນຕົກ ອະນຸພາກພື້ນແມ່ນ້ຳຂອງ ຄັ້ງວັນທີ 04 ກັນຍາ 2019 ເວລາ 14:00 ໂມງ, ສະຖານທີ່ ຫ້ອງການບ້ານ ຫ່າເມືອງ</p> </div>						
ລ/ດ	ຊື່ແລະນາມສະກຸນບົດທົດອບຄົວ	ຊື່ແລະນາມສະກຸນຜູ້ສົມລົດ	ຕຳແໜ່ງ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ້າວ ສິສິນດາອນ ມີໄຊ			ໂພນສະຫວ່າງໄດ້		
2	ບໍ່ຮູ້ ຕົວເປົ້າຫວ່າງ			ໂພນສະຫວ່າງໄດ້		
3	ທ້າວ ອັອດ	ອິນທານ		ໂພນສະຫວ່າງໄດ້	5564 23	53.11877
4	ທ້າວ ກິລິໄຊ			ໂພນສະຫວ່າງໄດ້		
5	ທ້າວ ກິລິໄຊ			ໂພນສະຫວ່າງໄດ້		
6	ທ້າວ ມໍລະກົດ	ບ. ວິໄພວຽນ ສຸກ	ອັດຕະ	ນາເລົ່າ	020 95117888	
7	ທ້າວ ສຸ່ງເຂືອງ ສຸລິປະພັນ	ມ. ພຸດທະສະຫວະ		ນາເລົ່າ	020 99311700	
8	ທ້າວ ກຽວ		ທ. ສຸ່ງ/ວິໄຊ ສາກວນ	ນາເລົ່າ		
9	ນາງ ແກ້ວມະນີ (ລີ້)			ນາເລົ່າ		
10	ນາງ ໄພລິນ	ມ. ພຸດທະສະຫວະ	ທຽມວິ ມ. ງາມສິມ	ນາເລົ່າ	020 55374743	
11	ລິດວິສາຫະກິດນໍ້າປະປາແຂວງ			ນາເລົ່າ		
13	ມ. ງຸ່ງວິໄຊ ເລັກ ງຸ່ງວິໄຊ	ທ. ວິໄຊວິໄຊ	ອັດຕະ	ນາເລົ່າ	5582399	
14	ທ. ສຸ່ງເຂືອງ ສຸລິປະພັນ	ມ. ວິໄຊວິໄຊ	ອັດຕະ	ນາເລົ່າ	55640021	
15	ທ. ພຸດທະສະຫວະ		ອັດຕະ	ນາເລົ່າ	2216865	
16	ທ. ພຸດທະສະຫວະ		ອັດຕະ	ນາເລົ່າ	2216865	
17	ມ. ທິພາພັນ ສິນທາລັກ		ອັດຕະ	ນາເລົ່າ	7769987	
18	ມ. ທິພາພັນ ພັນວິໄຊ		ອັດຕະ	ນາເລົ່າ	96781444	
19	ມ. ຄຳປູ້ ວິໄຊວິໄຊ		ອັດຕະ	ນາເລົ່າ	55602845	
20	ທ່ານ ພົມມະ ວິໄຊວິໄຊ		ອັດຕະ	ນາເລົ່າ		
1	ນາງ ແສງ (ທ້າວ ຫິນ)	ມ. ພຸດທະສະຫວະ		ບ້ານ ຫ່າເມືອງ	020 54798437	ມ. ພຸດທະສະຫວະ
2	ທ້າວ ຄຳມາ	ນາງ ສຸ່ງເຂືອງ		ບ້ານ ຫ່າເມືອງ	020 55456960	ອັດຕະ
3	ທ້າວ ສິມພອນ	ສິມພອນ		ບ້ານ ຫ່າເມືອງ	020 54852350	ສິມພອນ
4	ທ້າວ ຄຳປານ	ທ້າວ ຄຳປານ		ບ້ານ ຫ່າເມືອງ	020 97603858	ທ້າວ ຄຳປານ
5	ທ້າວ ແດຍ			ບ້ານ ຫ່າເມືອງ		
6	ທ້າວ ສຸ່ງ ສຸລິໄພ			ບ້ານ ຫ່າເມືອງ		
7	ທ້າວ ສຸ່ງ ສຸລິໄພ			ບ້ານ ຫ່າເມືອງ		
8	ທ້າວ ດານິຍອນ	109		ບ້ານ ຫ່າເມືອງ		109
9	ນາງ ນິງໂສດາ			ບ້ານ ຫ່າເມືອງ	041 212522	
10	ທ້າວ ຄຳສຸກ	ທ. ງຸ່ງວິໄຊ	ອັດຕະ	ບ້ານ ຫ່າເມືອງ	020 98542444	ອັດຕະ
14	ທ. ວິໄຊວິໄຊ ເລັກ ງຸ່ງວິໄຊ	ທ. ວິໄຊວິໄຊ	ອັດຕະ	ນາເລົ່າ	5582399	ອັດຕະ
15	ທ. ສຸ່ງເຂືອງ ສຸລິປະພັນ	ມ. ວິໄຊວິໄຊ	ອັດຕະ	ນາເລົ່າ	55640021	ອັດຕະ
16	ທ. ພຸດທະສະຫວະ		ອັດຕະ	ນາເລົ່າ	2216865	ອັດຕະ
17	ມ. ທິພາພັນ ສິນທາລັກ		ອັດຕະ	ນາເລົ່າ	7769987	ອັດຕະ
18	ມ. ທິພາພັນ ພັນວິໄຊ		ອັດຕະ	ນາເລົ່າ	96781444	ອັດຕະ
19	ມ. ຄຳປູ້ ວິໄຊວິໄຊ		ອັດຕະ	ນາເລົ່າ	55602845	ອັດຕະ
20	ທ່ານ ພົມມະ ວິໄຊວິໄຊ		ອັດຕະ	ນາເລົ່າ		
21	ທ. ພຸດທະສະຫວະ		ອັດຕະ	ນາເລົ່າ	2216865	ອັດຕະ
22	ມ. ທິພາພັນ ສິນທາລັກ		ອັດຕະ	ນາເລົ່າ	7769987	ອັດຕະ
23	ມ. ທິພາພັນ ພັນວິໄຊ		ອັດຕະ	ນາເລົ່າ	96781444	ອັດຕະ




**FIGURE 12: SELECTED PHOTOS OF THAHAE & SOUKHAVADI ROAD PUBLIC CONSULTATION**



### 3. Ban Na Pho Access Road Public Consultation

FIGURE 13: ATTENDANT LIST OF NA PHO ACCESS ROAD PUBLIC CONSULTATION



**ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ**  
**ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ**

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**ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມ**

ກ່ຽວກັບ: ການສ້າງເສັ້ນທາງເຂົ້າສູ່ເຂດປ່າປະຊາຊົນ ທີ່ເຂດປ່າປະຊາຊົນ ນະຄອນຫຼວງວຽງຈັນ ກ່ຽວກັບ ການສ້າງເສັ້ນທາງເຂົ້າສູ່ເຂດປ່າປະຊາຊົນ ທີ່ເຂດປ່າປະຊາຊົນ ນະຄອນຫຼວງວຽງຈັນ

ສະຖານທີ່: ສະຖານທີ່ ສະຖານທີ່ ສະຖານທີ່

ຄັ້ງວັນທີ: 5 ກັນຍາ 2019 ເວລາ: 14 ພຶ້ນ ຄົນ

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ໜ້າທີ່ຮັບຜິດຊອບ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ນ. ສິນທິພອນ	1/2	ນ. ສິນທິພອນ	09337145	ຈັດການ
2	ນ. ພິມວິໄລ	1	ນ. ພິມວິໄລ	09381024	ພິມວິໄລ
3	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
4	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
5	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
6	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
7	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
8	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
9	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
10	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
11	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
12	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
13	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
15	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່
16	ນ. ສິນທິພອນ	1	ນ. ສິນທິພອນ	0930944473	ສະຖານທີ່





ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ

ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

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ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມ

ກ່ຽວກັບ: ການປະຊຸມ ແຈ້ງເພີ່ມ ສຳເລັດ ຈົດ ທົດແກ້ ເພີ່ມ ກະເທີມ ຈາກກະມົນ ສຳເລັດ ກະຖານ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ ແລະ ພະນັກງານ ແລະ ພະນັກງານ ທີ່ກ່ຽວຂ້ອງ ແລະ ພະນັກງານ ທີ່ກ່ຽວຂ້ອງ ແລະ ພະນັກງານ ທີ່ກ່ຽວຂ້ອງ

ສະຖານທີ່: ສຳນັກງານ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ

ກຳລັງເຮັດ: 5 ຕຸລາ 2019 ເວລາ: 14:00 ຄົນ

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ໜ້າທີ່ຮັບຜິດຊອບ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ່ານ ພົມມະ ວຽງເກີດ				
2	ທ່ານ ພົມມະ ສິນທິ				
3	ທ່ານ ພົມມະ ສິນທິ				
4	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	PMU	9698/444	
5	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
6	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
7	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
8	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
9	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
10	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
11	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
12	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
13	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
15	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
16	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
17	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
18	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
19	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
20	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	
21	ທ່ານ ພົມມະ ສິນທິ	ອຳນາດ	ອຳນາດ	9698/444	


**FIGURE 14: SELECTED PHOTOS OF NA PHO ACCESS ROAD PUBLIC CONSULTATION**





#### 4. Alone Access Road Public Consultation Minute

FIGURE 15: ATTENDANT LIST OF PUBLIC CONSULTATION IN BAN ALONE



**ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ**  
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

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**ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມ**

ກ່ຽວກັບ: ກອງປະຊຸມ ແຈ້ງຜົນຂອງການສຳຫຼວດສິ່ງກົດຂວາງ ແລະ ປຶກສາຫາລືສິ່ງແວດລ້ອມ ແລະ ຄວາມປອດໄພຈາກການກໍ່ສ້າງເສັ້ນທາງ  
ປູຢາງສອງຊັ້ນ ເຂົ້າບ້ານອາໂລນ ແລະ ໂຮງຮຽນ ຈຳນວນ 24 ຄອບຄົວ.

ສະຖານທີ່: ຫ້ອງການປົກຄອງບ້ານ ແດນສະຫວັນ

ຄັ້ງວັນທີ: 06 /09/ 2019 ເວລາ: 14:00 ໂມງ

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ຕຳແໜ່ງ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ້າຍ ພິມມາ ວິພະຈິດ	ຫົວໜ້າ ອົງການ	PMO		
2	ທ້າຍ ບຸນຍາເດດ ວິແພງໄຊ	ອົງການ		0234085	
3	ທ້າຍ ນ. ຄຳວິງ	ອົງການ			
4	ນ. ປານິພອນ ພັນວິໄສ	ອົງການ			
5	ນ. ທິນພອນ ສີຫາຈັກ	ອົງການ			
6	ທ. ຄຳວິງ	ອົງການ	INACON	0161178	
7	ທ. ສີຫາຈັກ	ອົງການ	ອົງການ	0907448	
8	ທ. ສຸພານ	ປ/ຊ	ປ. ອາໂລນ		
9	ທ. ນ	ປ/ຊ	ປ. ອາໂລນ		
10	ທ. ສຸພານ	ປ/ຊ	ປ. ອາໂລນ		
11	ນ. ບໍລິເວນ	ປ/ຊ	ປ. ອາໂລນ		
12	ທ. ສິນທິພອນ ວິໄສ	ປ/ຊ	ປ. ອາໂລນ		
13	ນ. ສິນທິພອນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
15	ນ. ສິນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
16	ນ. ສິນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
17	ທ. ບໍລິເວນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
18	ທ. ນ. ກຸມພາ ພອນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
19	ນ. ສິນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
20	ນ. ສິນ	ປ/ຊ	ປ. ອາໂລນ	0907448	
21	ທ. ສິນທິພອນ ວິໄສ	ປ/ຊ	ປ. ອາໂລນ	0907448	
22	ນ. ສິນ	ປ/ຊ	ປ. ອາໂລນ	0907448	


  

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ຕຳແໜ່ງ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ. ສິນ	ປ/ຊ	ປ. ອາໂລນ		2/10/19
2	ທ. ສິນ	ປ/ຊ	ປ. ອາໂລນ		2/10/19
3	ທ. ສິນ	ປ/ຊ	ປ. ອາໂລນ	0907448	2/10/19

## Attendant Sheet of Alone Access Road Public Consultation

### 5. DEWATS Public Consultation

**FIGURE 16: ATTENDANT LIST OF DEWATS-DETAIL ENGINEERING DESIGN CONSULTATION**



ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ  
ສັນຕິພາບ ເອກກະລາດ ປະຊາທິປະໄຕ ເອກກະພາບ ວັດທະນະຖາວອນ  
\*\*\* ໒໐໒໑ \*\*\*  
ຜູ້ເຂົ້າຮ່ວມປະຊຸມ

ກອງປະຊຸມ: ຜ່ານແຜນແບບລະບົບບໍາບັດນໍ້າປ້ຳເປື້ອນຫ້ວຍລົງກົງ ແບບດິວັດ (DWAT) ຄັ້ງທີ 02  
ສະຖານທີ່: ຫ້ອງປະຊຸມພະແນກ ຍທຂ ແຂວງ  
ຄັ້ງວັນທີ: 08 ກໍລະ 2019  
ເວລາ: 14 : 00 ໂມງ

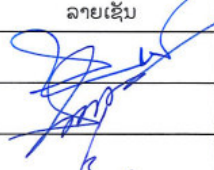
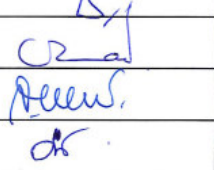
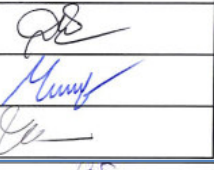
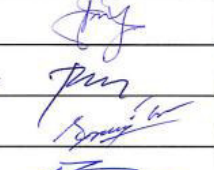

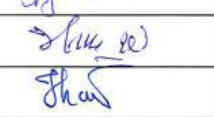


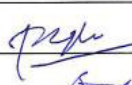

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ໜ້າທີ່ຮັບຜິດຊອບ	ເບີໂທ	ລາຍເຊັນ
1	ທ. ພິມມາ ວົງພະຈິດ	Project director	55153666	
2	ທ. ວິຣະວິໄລ ສິດຈິດ	DD-PCU-DHU	55127678	
3	ທ. ສິມສັກ ດີສະໄລ	PET	55602263	
4	ທ. ສິມສັກ ສິມສັກ	DD	22318663	
5	ທ. ສິມສັກ ສິມສັກ	Head of Section of Water Ways	55966666	
6	ທ. ສິມສັກ ສິມສັກ	DD	55645678	
7	ທ. ສິມສັກ ສິມສັກ	BORDA LAOS	28281829	
8	ທ. ສິມສັກ ສິມສັກ	BORDA Laos	22228931	
9	ທ. ສິມສັກ ສິມສັກ	construction work	99792298	
10	ທ. ສິມສັກ ສິມສັກ	ຂັ້ນປຶກສາ	95377772	
11	R. DAPHA		55443688	
12	Mr. Somphit	TSC	91557788	
13	MR Thi	ASCE-TSC DV	95034888	
14	ທ. ສິມສັກ ສິມສັກ	ທ. ສິມສັກ ສິມສັກ	55643680	
15	ທ. ສິມສັກ ສິມສັກ	ຂະແໜງສຶກສາສັງຄົມ (ວິຊາການ)	91375788	
16	ທ. ສິມສັກ ສິມສັກ	ສຳນັກງານວິຊາການ	91488888	
17	ທ. ສິມສັກ ສິມສັກ	ທ. ສິມສັກ ສິມສັກ	22310759	
18	ທ. ສິມສັກ ສິມສັກ	ສຳນັກງານວິຊາການ	55867078	

FIGURE 17: ATTENDANT LIST OF DEWATS-COMMUNITY CONSULTATION LEVEL

<div style="text-align: center;">  <p>ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ</p> <p>ສັນຕິພາບ ເອກກະລາດ ປະຊາທິປະໄຕ ເອກກະພາບ ວັດທະນະຖາວອນ</p> </div>						
<p>ກະຊວງໂຍທາທິການ ແລະ ຂົນສົ່ງ</p> <p>ພະແນກ ຍທຂ ປະຈຳແຂວງສະຫວັນນະເຂດ</p> <p>ໂຄງການພັດທະນາຕົວເມືອງ</p>						
<p>ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມ ແຈ້ງຜົນສຳຫລວດສິ່ງກົດຂວາງ, ການປຶກສາຫາລືດ້ານສິ່ງແວດລ້ອມ ແລະ ຄວາມປອດໄພ</p> <p>ໂຄງການຍ່ອຍ ກໍ່ສ້າງ ບໍ່ພ້ຳປັດນ້ຳເປືອນ ສຳລັບໂຄງການພັດທະນາຕົວເມືອງ ຕາມແລວທາງເສດຖະກິດຕາເວັນອອກ-ຕາເວັນຕົກ ອະນຸພາກພື້ນແມ່ນ້ຳຂອງ</p> <p>ຄັ້ງວັນທີ: 2 ກັນຍາ 2019 ເວລາ 14:00 ສະຖານທີ່ ຫ້ອງການບ້ານ ສະພານໃຕ້</p>						
ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ຊື່ ຄູ່ສົມລົດ	ໜ້າທີ່ຮັບຜິດຊອບ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ນ. ຈິດາວອນ				95958484	
2	ທ່ານ ພິງສິດ ພົມມະສິດ	ນ. ວາລາສະຈາ	ເຈົ້າໜີ້ສິດ	ນ. ສະພາໄກ່	91777741	
3	ທ່ານ ສິທາ					
4	ທ່ານ ເຊືອມ				96699518	
5	ທ່ານ ທອງເສີງ			ນ. ສະພາໄກ່	020 23623690	
6	ທ່ານ ສີຟອງ	ນາງ ຍາບ		ນ. ສະພາໄກ່	98554039	
7	ນາງ ໂອລົມ ກິມມິດ		ແມ່ເວີນ	ນ. ສະພາໄກ່	98664589	
8	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
9	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
10	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
11	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
12	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
13	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
14	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
15	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	
16	ນ. ພຽງໃຈ ສິນທິວຸດ		ນາງ ຍາບ	ນ. ສະພາໄກ່	5586172	



**FIGURE 18: SELECTED PHOTOS OF DEWATS PUBLIC CONSULTATION AT COMMUNITY LEVEL**



## 6. Mekong River Embankment public consultation

**FIGURE 19: MEKONG RIVER EMBANKMENT PUBLIC CONSULTATION**





D. PHOTOS OF AWARENESS RAISING ON COMMUNICABLE DISEASE AND HIV PREVENTION

7. Phine Urban Road Subproject

FIGURE 20: HEALTH, HIV-AIDS AWARENESS RAISING IN PHINEE



## 8. Fangum Road Subproject

FIGURE 21: HEALTH, HIV & AIDS AWARENESS RAISING IN FA NGUM ROAD





## 9. Kaysone Phomvihane Road Subproject

FIGURE 22: HEALTH, HIV & AIDS AWARENESS RAISING





## 10. Kaysone Phomvihane solid waste management Subproject

**FIGURE 23: HEALTH AND AWARENESS RAISING IN SOLID WASTE MANAGEMENT**





## E. ENVIRONMENT, HEALTH AND SAFETY TRAINING

FIGURE 24: ENVIRONMENT MANAGEMENT TRAINING COURSE







ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມຝຶກອົບຮົມ ຫຼັກສູດການຄຸ້ມຄອງ ສິ່ງແວດລ້ອມ

No	Name & Surname	Organization	Position	Signature	Mob Phone	Email Address
1	ທ. ພິມລາດ ດາວສາ ຫລັກ	ຂ. ແຂກ ທຸກລາ	ອຳນວຍ		22424340	
2	ມ. ມະ ສິນທິ ສິນທິ	ຫ. ສ. ສ. ສ.	ອຳນວຍ		55601117	
3	ທ. ສະຫວັນ ສິນທິ	ພູຊ. ສ. ສ.	ອຳນວຍ		5994299	
4	ທ. ສະຫວັນ ສິນທິ	R&GE	ອຳນວຍ		5893881	
5	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		2342727	
6	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		2342727	
7	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		9994485	
8	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		2342727	
9	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		95275542	
10	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		0205909609	
11	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		7715111	
12	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		96982148	
13	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		9994485	
14	ທ. ສະຫວັນ ສິນທິ	ອຳນວຍ	ອຳນວຍ		9994485	
15						
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21						
22						
23						
24						

Project manager

Site manager

Phone Phet

Environment

Phone Phet