

Safeguards Monitoring Report

Semi-Annual Report
June 2020

Lao PDR: Greater Mekong Subregion East-West Economic Corridor Towns Development Project (Part 3 of 3)

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

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13	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	5582355	100
14	ທ. ສິນທິພອນ ສິນທິພອນ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	55640021	100
15	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	2216865	100
16	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	2216865	100
17	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	77699817	100
18	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	96781444	100
19	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	55408245	100
20	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ		
21						

ລ/ດ	ຊື່ແລະນາມສະກຸນຕົວຕົວ	ຊື່ແລະນາມສະກຸນຄູ່ສົມລົດ	ໜ້າທີ່ຮັບຜິດຊອບ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ນາງ ແສງ (ທ້າວ ສິນ)	ນາງ ແສງ		ບ້ານ ຫ່າເມືອງ	020 54798437	ນາງ ແສງ
2	ທ້າວ ຄຳຜາ	ທ້າວ ຄຳຜາ		ບ້ານ ຫ່າເມືອງ	020 55456960	ທ້າວ ຄຳຜາ
3	ທ້າວ ສິມພອນ	ທ້າວ ສິມພອນ		ບ້ານ ຫ່າເມືອງ	020 54852350	ທ້າວ ສິມພອນ
4	ທ້າວ ຄຳປານ	ທ້າວ ຄຳປານ		ບ້ານ ຫ່າເມືອງ	020 97603858	ທ້າວ ຄຳປານ
5	ທ້າວ ດາຍ			ບ້ານ ຫ່າເມືອງ		
6	ທ້າວ ຊ່ວງ ສຸລິໄຍ			ບ້ານ ຫ່າເມືອງ		
7	ທ້າວ ຊ່ວງ ສຸລິໄຍ			ບ້ານ ຫ່າເມືອງ		
8	ທ້າວ ດານອບ	ທ້າວ ດານອບ		ບ້ານ ຫ່າເມືອງ		ທ້າວ ດານອບ
9	ນາງ ນິງໄສດາ	ນາງ ນິງໄສດາ		ບ້ານ ຫ່າເມືອງ	041 212522	ນາງ ນິງໄສດາ
10	ທ້າວ ຄຳຜາ	ທ້າວ ຄຳຜາ		ບ້ານ ຫ່າເມືອງ	020 98542444	ທ້າວ ຄຳຜາ
11	ທ້າວ ພູທອນ ສຸລິ			ບ້ານ ຫ່າເມືອງ		
12	ທ້າວ ຫຼວງຍາຍ (ສິນເດືອນ)			ບ້ານ ຫ່າເມືອງ	020 99227995	
13	ທ້າວ ດາຍ	ທ້າວ ດາຍ		ບ້ານ ຫ່າເມືອງ	020 92985286	

14	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	5582355	100
15	ທ. ສິນທິພອນ ສິນທິພອນ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	55640021	100
16	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	2216865	100
17	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	2216865	100
18	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	77699817	100
19	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	96781444	100
20	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ	55408245	100
21	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ		
22	ທ. ພົມມະ ພົມມະ ພົມມະ		ທ. ວິໄສ ພົມມະ ວິໄສ	ທ. ວິໄສ ພົມມະ ວິໄສ		
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Selected Photos of Thahae & Soukhavadi Road Public Consultation



D. BAN NAPHO ACCESS ROAD PUBLIC CONSULTATION MINUTE

Lao People's Democratic Republic

Peace, Independence, Democracy, Unity, Prosperity

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Savannakhet Province

Department of Public Works and Transport

Town Development Project

Minutes of Meeting

Village consultation on possibility environmental impact during construction, safety and grievance; and result of detail measurement survey in Napho road and school, Phine district

In the temple of Napho village, Phine District at 14:30 PM of 5 September 2019, the consultation meeting was held on potential environmental impact during construction, safety and grievance; and the result of a detailed measurement survey in Alon road of the GMS East-West Corridor Town Development Project. Mr. Phomma Vongphachit and Mr. Sipaseuth Phetkhamsing were co-chairmen of this village consultation with participation of the village authority, PIT of Phine district, villagers who live along the Napho road and technical staff, all 36 participants which 14 women (list of participants).

The topics discussed in the meeting as below:

9. The overview of the situation of Town Development Project of 7 sub projects, the progress of the sub projects and the budget. Due to the cost savings, the project has some budget remaining, therefore the project had considered 7 additional sub projects, the construction of the Napho road is one sub project had been considered. The plan starting the construction of this project is by the late of October 2019. It is the asphalt with two lanes, sidewalk, drainage and street lights.
10. The possibility of environmental impact happened during construction, safety and grievance was presented (attached the presentation).
11. The result of the detail measurement survey conducted on 19-20 August 2019 was presented (attached the result), there are 35 land plots including 21 land plots on the right side of the road and 14 land plots on the left side of the road.
12. The villagers' assets on both sides of the Napho road and school are not impacted from the project.

Through discussion and comments to the topics discussed above, the meeting agreed as below:

11. The households who live along the Napho road have the possibility to face disturbances such as air pollution, noise pollution and erosion pollution during construction. The villagers who are unsatisfactory related to the road construction have the right to justify to concerned parties as contractor, village authority and the project the number is displayed in the project sign on the road. During the construction unforeseen impact may happen from using the heavy equipment which

leads to lost structure, assets or land villagers will also submit the grievance letter through grievance process to concerned parties.

12. 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.


13. As soon as the households who live along the Napho road agree on the road construction, the project will begin. The meeting closed at 16:00 PM of the same day.

Therefore, issuing the Minutes of Meeting as for reference in the future implementation

Napho, Phine district, 5/09/ 2019

Meeting Chairman

Acknowledged by Village Authority Minutes Taker



ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

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ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມ

ກ່ຽວກັບ: ການປະຕິບັດໜ້າທີ່ຂອງກົມປະຕິບັດໜ້າທີ່ ກະຊວງ ນະຄອນຫຼວງ ບາງກອກ ປະເທດ ລາວ ກ່ຽວກັບ ການ
 ໃຫ້ ຮັບຮຽນ ກ່ຽວກັບ ການ ປະຕິບັດໜ້າທີ່ ຂອງ ກົມປະຕິບັດໜ້າທີ່ ກະຊວງ ນະຄອນຫຼວງ ບາງກອກ ປະເທດ ລາວ

ສະຖານທີ່: ສຳນັກງານ ກະຊວງ ນະຄອນຫຼວງ ບາງກອກ ປະເທດ ລາວ

ຄັ້ງວັນທີ: 5 ກັນຍາ 2019 ເວລາ: 14:00 ກົມ

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ໜ້າທີ່ຮັບຜິດຊອບ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ນ. ວິໄສ	1/2	ນ. ວິໄສ	093314577	ວິໄສ
2	ນ. ພິມ	1	ນ. ພິມ	09381024	ພິມ
3	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
4	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
5	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
6	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
7	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
8	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
9	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
10	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
11	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
12	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
13	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
15	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ
16	ນ. ວິໄສ	1	ນ. ວິໄສ	09384477	ວິໄສ

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Selected Photos of Na Pho Access Road Public Consultation



E. ALONE COMMUNITY ACCESS ROAD PUBLIC CONSULTATION MINUTE

Lao People's Democratic Republic

Peace, Independence, Democracy, Unity, Prosperity

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Savannakhet Province

Department of Public Works and Transport

Town Development Project

Minutes of Meeting

Village consultation on environmental assessment, safety and grievance; and result of detail measurement survey in Alon road to Police Station, Dansavanh Village, Xepon District

In the meeting room of Dansavanh village, Xepon District at 14:30 PM of 6 September 2019, the consultation meeting was held on potential environmental impact during construction, safety and grievance; and the result of detail measurement survey in Alon road of the GMS East-West Corridor Town Development Project. Mr. Phomma Vongphachit and Mr. Som Khattiyavongsa were co-chairmen of this village consultation with participation of the village authority, PIT of Xepon, villagers who live along the Alon road and technical staff, all 25 participants which 12 women (list of participants).

The topics discussed in the meeting as below

13. The overview of the situation of Town Development Project of 7 sub projects, the progress of the sub projects and the budget. Due to the cost savings, the project has some budget remaining, therefore the project had considered 7 additional sub projects, the construction of the Alon road to Police station the length 630m is one sub project had been considered. The plan starting the construction of this project is by the late of October 2019. It is the asphalt with two lanes, sidewalk, drainage and street lights.
14. The possibility of environmental impact happened during construction, safety and grievance was presented (attached the presentation).
15. The result of the detail measurement survey conducted on 21-22 August 2019 was presented (attached the result), overall 24 land plots including 10 land plots on the right side of the road and 14 land plots on the left side of the road.
16. The villagers' assets on both sides of the road are not impacted from the project.

Through discussion and comments to the topics discussed above, the meeting agreed as below:

14. The households who live along the Alon road have the possibility to face disturbances such as air pollution, noise pollution and erosion pollution during construction. The villagers who are unsatisfactory related to the road construction have the right to justify to concerned parties as contractor, village authority and the project the number is displayed in the project sign on the road. During the construction unforeseen impact may happen from using the heavy equipment which leads to lost structure, assets or land villagers will also submit the grievance letter through grievance process to concerned parties.

15. 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.

16. As soon as the households who live along the Alon road agree on the road construction, the project will begin.

The meeting closed at 15:45 PM of the same day. Therefore, issuing the Minutes of Meeting as for reference in the future implementation.

Dansavanh, Xepon district, 6/09/ 2019


Meeting Chairman

Acknowledged by Village Authority Minutes Taker

Selected Photos of Access Road Public Consultation



Attendant Sheet of Alone Access Road Public Consultation



ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

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ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມ

ກ່ຽວກັບ: ກອງປະຊຸມ ແຈ້ງຜົນຂອງການສຳຫຼວດສິ່ງກົດຂວາງ ແລະ ປົກສາຫາລິສິ່ງແວດລ້ອມ ແລະ ຄວາມປອດໄພຈາກການກໍ່ສ້າງເສັ້ນທາງ
ປູຢາງສອງຊັ້ນ ເຂົ້າບ້ານອາໄລນ ແລະ ໂຮງຮຽນ ຈຳນວນ 24 ຄອບຄົວ.

ສະຖານທີ່: ສ້ອງການປົກຄອງບ້ານ ແດນສະຫວັນ

ຄັ້ງທີ: 06 /09/ 2019 ເວລາ: 14:00 ໂມງ

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ຕຳແໜ່ງ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ້າຍ ພິມມາ ວິພະຈິດ	ຫົວໜ້າ ບ້ານ	PMO		
2	ທ້າຍ ບຸນຍາເດດ ວິພະຈິດ	ອົງການ		023105	
3	ທ້າຍ ນ. ດົງ	ບໍລິຫານ			
4	ນ. ປານິພອນ ພິມມາວົງ	ອົງການ			
5	ນ. ທິພາພົນ ວິພະຈິດ	ອົງການ			
6	ທ. ຄົວວຽນ	ບໍລິຫານ	INACON	511111	
7	ທ. ສິນທິພາບ	ອົງການ ບໍລິຫານ	ບໍລິຫານ	910144	
8	ທ. ສຸພານ	ປ/ຈ	ບ. ອາໄລນ		
9	ທ. ນ	ປ/ຈ	ບ. ອາໄລນ		
10	ທ. ສຸພານ	ປ/ຈ	ບ. ອາໄລນ		
11	ນ. ບໍລິຫານ	ປ/ຈ	ບ. ອາໄລນ		
12	ທ. ສິນທິພາບ ວິພະຈິດ	ບໍລິຫານ ບ້ານ	ບ. ອາໄລນ	910144	
13	ນ. ສິນທິພາບ	ປ/ຈ	ບ. ອາໄລນ		
15	ນ. ສິນ	ປ/ຈ	ບ. ອາໄລນ	030816	
16	ນ. ສິນ	ບໍລິຫານ	ບ. ອາໄລນ	221308	
17	ທ. ບໍລິຫານ	ປ/ຈ	ບ. ອາໄລນ		
18	ທ. ນ. ກຸມພາບໍລິຫານ	ບໍລິຫານ	ບ. ອາໄລນ	230514	
19	ນ. ສິນ	ປ/ຈ	ບ. ອາໄລນ		
20	ນ. ສິນ	ປ/ຈ	ບ. ອາໄລນ		
21	ທ. ສິນທິພາບ ວິພະຈິດ	ບໍລິຫານ	ບ. ອາໄລນ	030816	
22	ນ. ສິນ	ປ/ຈ	ບ. ອາໄລນ		

ລ/ດ	ຊື່ ແລະ ນາມສະກຸນ	ຕຳແໜ່ງ	ຈາກພາກສ່ວນ	ເບີໂທລະສັບ	ລາຍເຊັນ
1	ທ. ສິນ	ປ/ຈ	ບ. ອາໄລນ	-	23/05
2	ທ. ສິນ	ປ/ຈ	ບ. ອາໄລນ	-	23/05
3	ທ. ສິນ	ບ. ອາໄລນ	ບ. ອາໄລນ	910144	23/05

XI.APPENDIX B: RAPID ENVIRONMENT ASSESSMENT (REA)

132. The rapid environment assessment of all additional works has been done in July 2019, each additional works was visited and observe all propose locations, which was guided by PMU and site supervision consultant. The rapid environment assessment has divided into additional works in each town.
133. Kaysone Phomvihane Municipality has 4 additional construction works as (1) DEWATS, (2) upgrading Savannakhet airport access road, (2) upgrading Thahae road and Soukhavadi road and (4) Pipe installation in landfill.
134. In Phine District, there is only additional work on upgrading Ban Na Pho access road from unpaved road to DBST pavement.
135. In Sepon, there is one additional work as upgrading Alone community access road in Ban Dansavan from unpaved road to DBST pavement.

A. REA OF ADDITIONAL ROADS & DRAINAGE IN KAYSONE PHOMVIHANE MUNICIPALITY

Rapid Environmental Assessment (REA) Checklist

Roads and Drainages-in Kaysone Phomvihane Municipality

Instructions:

- (i) The project team completes this checklist to support the environmental classification of a project. It is to be attached to the environmental categorization form and submitted to the Environment and Safeguards Division (SDES), for endorsement by Director, SDES and for approval by the Chief Compliance Officer.
- (ii) This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB's (a) checklists on involuntary resettlement and Indigenous Peoples; (b) poverty reduction handbook; (c) staff guide to consultation and participation; and (d) gender checklists.
- (iii) Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts. Use the "remarks" section to discuss any anticipated mitigation measures.

Country/Project Title:

Sector Division:

Screening Questions	Yes	No	Remarks
A. Project Siting Is the project area adjacent to or within any of the following environmentally sensitive areas?			
Cultural heritage site		✓	Adjacent on the right side of Soukhavadi road is the village shrine house.
Protected Area		✓	

Wetland		✓	
Mangrove		✓	
Estuarine		✓	
Buffer zone of protected area		✓	
Special area for protecting biodiversity		✓	
Potential Environmental Impacts Will the Project cause...			
▪ encroachment on historical/cultural areas; disfiguration of landscape by road embankments, cuts, fills, and quarries?		✓	
▪ encroachment on precious ecology (e.g. sensitive or protected areas)?		✓	
▪ alteration of surface water hydrology of waterways crossed by roads, resulting in increased sediment in streams affected by increased soil erosion at construction site?	✓		Divert channel during the dry season, appropriate measures are included in EMP
▪ deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?	✓		Appropriate measures are included in the environment management plan (The adjacent areas on the right side of Thahae road is Mekong River)
▪ increased local air pollution due to rock crushing, cutting and filling works, and chemicals from asphalt processing?	✓		Appropriate mitigation measures are already included in approved EMPs for each subproject
▪ risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation during project construction and operation?	✓		Contractor requires to implement occupational health and safety plan, which is approved and aligned with each subproject
▪ noise and vibration due to blasting and other civil works?	✓		It was already included in the approved EMPs from each subproject
▪ dislocation or involuntary resettlement of people?		✓	
▪ dislocation and compulsory resettlement of people living in right-of-way?		✓	
▪ disproportionate impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?		✓	
▪ other social concerns relating to inconveniences in living conditions in the project areas that may trigger cases of upper respiratory problems and stress?		✓	

▪ hazardous driving conditions where construction interferes with pre-existing roads?	√		Contractors are required to implement traffic management plan and including public/worker safety plan from each subproject
▪ poor sanitation and solid waste disposal in construction camps and work sites, and possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	√		Mitigation Measures include approved EMPs and these mitigations are implemented by contractors from each subproject.
▪ creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?	√		Contractor is required to observe proper sanitation practices and avoid creating stagnant pools of water
▪ accident risks associated with increased vehicular traffic, leading to accidental spills of toxic materials?		√	
▪ increased noise and air pollution resulting from traffic volume?		√	
▪ increased risk of water pollution from oil, grease and fuel spills, and other materials from vehicles using the road?		√	
▪ social conflicts if workers from other regions or countries are hired?		√	Local workforce to be used for construction
▪ large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?		√	
▪ risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?		√	
▪ community safety risks due to both accidental and natural causes, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning.	√		Hazard management will be implemented by contractor such as installing warning signs, safety poles, ropes and other caution signs where risk to accident is seen

A Checklist for Preliminary Climate Risk Screening

Country/Project Title: ADB Loan No.2931 – LAO(SF) and Grant No. 0313 – LAO(SF) and No. 0314 – LAO(UEIF): Lao PDR: Greater Mekong Subregion East-West Economic Corridor Towns Development Project: Additional Roads and Drainages in Kaysone Phomvihane Municipality

Sector:

Subsector:

Division/Department:

Screening Questions		Score	Remarks ⁹
Location and Design of project	Is siting and/or routing of the project (or its components) likely to be affected by climate conditions including extreme weather-related events such as floods, droughts, storms, landslides?	1	
	Would the project design (e.g. the clearance for bridges) need to consider any hydro-meteorological parameters (e.g., sea-level, peak river flow, reliable water level, peak wind speed etc)?	1	
Materials and Maintenance	Would weather, current and likely future climate conditions (e.g. prevailing humidity level, temperature contrast between hot summer days and cold winter days, exposure to wind and humidity hydro-meteorological parameters likely affect the selection of project inputs over the life of project outputs (e.g. construction material)?	0	
	Would weather, current and likely future climate conditions, and related extreme events likely affect the maintenance (scheduling and cost) of project output(s)?	0	
Performance of project outputs	Would weather/climate conditions, and related extreme events likely affect the performance (e.g. annual power production) of project output(s) (e.g. hydro-power generation facilities) throughout their design life time?	1	

Options for answers and corresponding score are provided below:

Response	Score
Not Likely	0
Likely	1
Very Likely	2

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

Result of Initial Screening (Low, Medium, High): Medium risk

Other Comments: Upgrade these existing roads and drainages will be supported town flooding prevention and infrastructure resilience to climate change risks and wastewater will be treated before released to Mekong.

Prepared by: ___Anouxay Phommalth___

⁹ If possible, provide details on the sensitivity of project components to climate conditions, such as how climate parameters are considered in design standards for infrastructure components, how changes in key climate parameters and sea level might affect the siting/routing of project, the selection of construction material and/or scheduling, performances and/or the maintenance cost/scheduling of project outputs.

B. REA OF ADDITIONAL ROAD AND DRAINAGE IN PHINE DISTRICT (NA PHO ACCESS ROAD)**Rapid Environmental Assessment (REA) Checklist**

Ban Na Pho Access Road (Phine urban Road) -Phine District

Instructions:

- (i) The project team completes this checklist to support the environmental classification of a project. It is to be attached to the environmental categorization form and submitted to the Environment and Safeguards Division (SDES), for endorsement by Director, SDES and for approval by the Chief Compliance Officer.
- (ii) This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB's (a) checklists on involuntary resettlement and Indigenous Peoples; (b) poverty reduction handbook; (c) staff guide to consultation and participation; and (d) gender checklists.
- (iii) Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts. Use the "remarks" section to discuss any anticipated mitigation measures.

Country/Project Title:**Sector Division:**

Screening Questions	Yes	No	Remarks
A. Project Siting Is the project area adjacent to or within any of the following environmentally sensitive areas?			
Cultural heritage site		✓	
Protected Area		✓	
Wetland		✓	
Mangrove		✓	
Estuarine		✓	
Buffer zone of protected area		✓	
Special area for protecting biodiversity		✓	
Potential Environmental Impacts Will the Project cause...			

▪ encroachment on historical/cultural areas; disfiguration of landscape by road embankments, cuts, fills, and quarries?		√	
▪ encroachment on precious ecology (e.g. sensitive or protected areas)?		√	
▪ alteration of surface water hydrology of waterways crossed by roads, resulting in increased sediment in streams affected by increased soil erosion at construction site?		√	
▪ deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?	√		Appropriate measure was included in the environment management plan, which was approved
▪ increased local air pollution due to rock crushing, cutting and filling works, and chemicals from asphalt processing?	√		Appropriate mitigation measure was included in approved EMP
▪ risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation during project construction and operation?	√		Contractor is required to implement occupational health and safety plan for Phine urban road
▪ noise and vibration due to blasting and other civil works?	√		It was included in the approved EMP of Phine urban road
▪ dislocation or involuntary resettlement of people?		√	
▪ dislocation and compulsory resettlement of people living in right-of-way?		√	
▪ disproportionate impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?		√	
▪ other social concerns relating to inconveniences in living conditions in the project areas that may trigger cases of upper respiratory problems and stress?		√	
▪ hazardous driving conditions where construction interferes with pre-existing roads?	√		Contractor should implement traffic management plan and included public/ worker safety plan of Phine Urban road
▪ poor sanitation and solid waste disposal in construction	√		Mitigation Measures are included Approved

camps and work sites, and possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?			EMP and these mitigations are implemented by the contractor.
▪ creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?	√		Contractors will be required to observe proper sanitation practices and avoid creating stagnant pools of water
▪ accident risks associated with increased vehicular traffic, leading to accidental spills of toxic materials?		√	
▪ increased noise and air pollution resulting from traffic volume?		√	
▪ increased risk of water pollution from oil, grease and fuel spills, and other materials from vehicles using the road?		√	
▪ social conflicts if workers from other regions or countries are hired?		√	Local workforce to be used for construction
▪ large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?		√	
▪ risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?		√	
▪ community safety risks due to both accidental and natural causes, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning.	√		Hazard management will be implemented by contractor such as installing warning signs, safety poles, ropes and other caution signs where are risks to accident are seen

A Checklist for Preliminary Climate Risk Screening

Country/Project Title: ADB Loan No.2931 – LAO(SF) and Grant No. 0313 – LAO(SF) and No. 0314 – LAO(UEIF): Lao PDR: Greater Mekong Subregion East-West Economic Corridor Towns Development
Project: Phine District

Sector:

Subsector:

Division/Department:

Screening Questions		Score	Remarks ¹⁰
Location and Design of project	Is siting and/or routing of the project (or its components) likely to be affected by climate conditions including extreme weather-related events such as floods, droughts, storms, landslides?	0	
	Would the project design (e.g. the clearance for bridges) need to consider any hydro-meteorological parameters (e.g., sea-level, peak river flow, reliable water level, peak wind speed etc)?	0	
Materials and Maintenance	Would weather, current and likely future climate conditions (e.g. prevailing humidity level, temperature contrast between hot summer days and cold winter days, exposure to wind and humidity hydro-meteorological parameters likely affect the selection of project inputs over the life of project outputs (e.g. construction material)?	0	
	Would weather, current and likely future climate conditions, and related extreme events likely affect the maintenance (scheduling and cost) of project output(s)?	0	
Performance of project outputs	Would weather/climate conditions, and related extreme events likely affect the performance (e.g. annual power production) of project output(s) (e.g. hydro-power generation facilities) throughout their design life time?	0	

Options for answers and corresponding score are provided below:

Response	Score
Not Likely	0
Likely	1
Very Likely	2

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

Result of Initial Screening (Low, Medium, High): low risk (0)

Other Comments: upgrade unpaved road to DBST pavement is supported climate change resilience infrastructure and prevent stagnant water or erosion during the rainy season.

Prepared by: ___Anouxay Phommalaht___

¹⁰ If possible, provide details on the sensitivity of project components to climate conditions, such as how climate parameters are considered in design standards for infrastructure components, how changes in key climate parameters and sea level might affect the siting/routing of project, the selection of construction material and/or scheduling, performances and/or the maintenance cost/scheduling of project outputs.

C. REA OF DANSAVANH (ALONE COMMUNITY ACCESS ROAD)**Rapid Environmental Assessment (REA) Checklist**

Alone Community Access Road (Dansavan Urban Road) -Sepon District

Instructions:

- (i) The project team completes this checklist to support the environmental classification of a project. It is to be attached to the environmental categorization form and submitted to the Environment and Safeguards Division (SDES), for endorsement by Director, SDES and for approval by the Chief Compliance Officer.
- (ii) This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB's (a) checklists on involuntary resettlement and Indigenous Peoples; (b) poverty reduction handbook; (c) staff guide to consultation and participation; and (d) gender checklists.
- (iii) Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts. Use the "remarks" section to discuss any anticipated mitigation measures.

Country/Project Title:**Sector Division:**

Screening Questions	Yes	No	Remarks
A. Project Siting Is the project area adjacent to or within any of the following environmentally sensitive areas?			
Cultural heritage site		✓	Adjacent to the right side of the access road is the worship area of Alone community.
Protected Area		✓	
Wetland		✓	
Mangrove		✓	
Estuarine		✓	
Buffer zone of protected area		✓	
Special area for protecting biodiversity		✓	
Potential Environmental Impacts Will the Project cause...			

▪ encroachment on historical/cultural areas; disfiguration of landscape by road embankments, cuts, fills, and quarries?		√	
▪ encroachment on precious ecology (e.g. sensitive or protected areas)?		√	
▪ alteration of surface water hydrology of waterways crossed by roads, resulting in increased sediment in streams affected by increased soil erosion at construction site?		√	
▪ deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?	√		Appropriate measure is already included in the EMP of Dansavanh Urban road
▪ increased local air pollution due to rock crushing, cutting and filling works, and chemicals from asphalt processing?	√		Appropriate mitigation measures are already included in approved EMP
▪ risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation during project construction and operation?	√		Contractor requires to implement occupational health and safety plan
▪ noise and vibration due to blasting and other civil works?	√		It was already included in the approved EMP of Dasavan Urban Road
▪ dislocation or involuntary resettlement of people?		√	
▪ dislocation and compulsory resettlement of people living in right-of-way?		√	
▪ disproportionate impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?		√	
▪ other social concerns relating to inconveniences in living conditions in the project areas that may trigger cases of upper respiratory problems and stress?		√	
▪ hazardous driving conditions where construction interferes with pre-existing roads?	√		Contractor will be required to implement traffic management plan and including public/worker safety plan

<ul style="list-style-type: none"> poor sanitation and solid waste disposal in construction camps and work sites, and possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations? 	√		Mitigation Measures are included Approved EMP and these mitigations are implemented by the contractor.
<ul style="list-style-type: none"> creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents? 	√		Contractor is required to observe proper sanitation practices and avoid creating stagnant pools of water
<ul style="list-style-type: none"> accident risks associated with increased vehicular traffic, leading to accidental spills of toxic materials? 		√	
<ul style="list-style-type: none"> increased noise and air pollution resulting from traffic volume? 		√	
<ul style="list-style-type: none"> increased risk of water pollution from oil, grease and fuel spills, and other materials from vehicles using the road? 		√	
<ul style="list-style-type: none"> social conflicts if workers from other regions or countries are hired? 		√	Local workforce to be used for construction
<ul style="list-style-type: none"> large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)? 		√	
<ul style="list-style-type: none"> risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation? 		√	
<ul style="list-style-type: none"> community safety risks due to both accidental and natural causes, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning. 	√		Hazard management will be implemented by contractor such as installing warning signs, safety poles, ropes and other caution signs into where are risk to accident

A Checklist for Preliminary Climate Risk Screening of Ban Alone Access road

Country/Project Title: ADB Loan No.2931 – LAO(SF) and Grant No. 0313 – LAO(SF) and No. 0314 – LAO(UEIF): Lao PDR: Greater Mekong Subregion East-West Economic Corridor Towns Development
Project: Sepon District

Sector:**Subsector:****Division/Department:**

Screening Questions		Score	Remarks ¹¹
Location and Design of project	Is siting and/or routing of the project (or its components) likely to be affected by climate conditions including extreme weather-related events such as floods, droughts, storms, landslides?	0	
	Would the project design (e.g. the clearance for bridges) need to consider any hydro-meteorological parameters (e.g., sea-level, peak river flow, reliable water level, peak wind speed etc)?	0	
Materials and Maintenance	Would weather, current and likely future climate conditions (e.g. prevailing humidity level, temperature contrast between hot summer days and cold winter days, exposure to wind and humidity hydro-meteorological parameters likely affect the selection of project inputs over the life of project outputs (e.g. construction material)?	0	
	Would weather, current and likely future climate conditions, and related extreme events likely affect the maintenance (scheduling and cost) of project output(s)?	0	
Performance of project outputs	Would weather/climate conditions, and related extreme events likely affect the performance (e.g. annual power production) of project output(s) (e.g. hydro-power generation facilities) throughout their design life time?	0	

Options for answers and corresponding score are provided below:

Response	Score
Not Likely	0
Likely	1
Very Likely	2

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

Result of Initial Screening (Low, Medium, High): low risk (0)

Other Comments: the upgrade existing unpaved road will be supported infrastructure resilience to climate change and prevented flooding from the drainage system.

Prepared by: ____Anouxay Phommalaht _____

¹¹ If possible, provide details on the sensitivity of project components to climate conditions, such as how climate parameters are considered in design standards for infrastructure components, how changes in key climate parameters and sea level might affect the siting/routing of project, the selection of construction material and/or scheduling, performances and/or the maintenance cost/scheduling of project outputs.

XII. APPENDIX C: UXO CLEARANCE CERTIFICATE



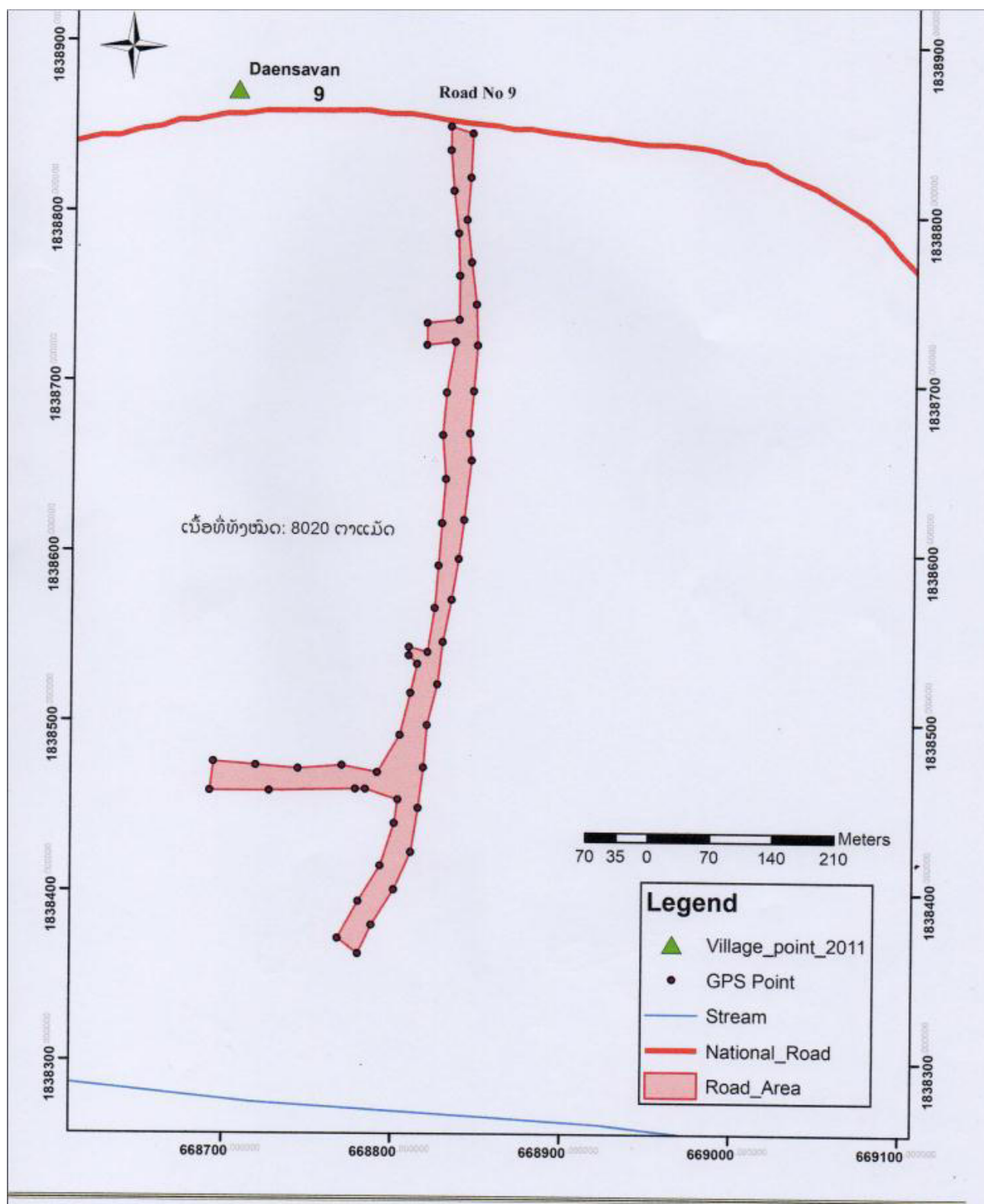
ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນາຖາວອນ



ບໍລິສັດ ເອັສດີເຄ ເກັບກູ້ ແລະ ທຳລາຍລະເບີດ ຈຳກັດ
SDK UXO Clearance and Disposal Co., Ltd
Meuangnoy Village, Xaysettha District, Vientiane Capital, Lao PDR.
Tel: (+856-02) 9980 5055, 020 5528 9859, 020 5589 1885
Email: SDK.UXO@gmail.com

ບົດລາຍງານ
ການຈັດຕັ້ງປະຕິບັດວຽກງານ ເກັບກູ້ ແລະ ທຳລາຍລະເບີດບໍ່ທັນແຕກ
ໂຄງການກໍ່ສ້າງເສັ້ນທາງ
(Road Construction Project)
ບ້ານອາໂລນ, ເມືອງເຊໂປນ, ແຂວງສະຫວັນນະເຂດ.







ບໍລິສັດ ເອັສດີເຄ ເກັບກູ້ ແລະ ທຳລາຍລະເບີດ ຈຳກັດ

SDK UXO Clearance and Disposal Co., Ltd

Meuangnoy Village, Saysettha District, Vientiane Capital, Lao PDR.

Tel: (+856-20) 9980 5055, 020 5528 9859, 020 5589 1885

Email: SDK.UXO@gmail.com

CERTIFICATE

ROAD CONSTRUCTION AREA AT ALON VILLAGE, XEPON DISTRICT, SAVANNAKHET PROVINCE

Herewith, SDK UXO Clearance Team working in Alon Village, Xepon District, Savannakhet Province Certifies that:

The area of in Road construction area in Alon Village, Xepon District, Savannakhet Province, The UXO Clearance team commenced works from 12/11/2018 to 14/11/2019.

Completed to clearing a total area of 30 Ha; this area free of UXOs from 0 m to 3m depth

Remarks: The area is marks by semi-permanent marks and symbols



ດົນຕີ ບຸດຕະວົງ
DONTY BOUTTAVONG

XIII. APPENDIX D: SUMMARY OF SUBPROJECT AND MITIGATIONS MEASURE

Subproject Name	Type of works undertaken	Completed (Yes/NO)	Any ENV issues encountered	Remediation/ mitigation actions	Monitoring information/ Site visits	Any other remarks/project location
Under Contract No. NCB-1.1 – Houay Longkong Channel Pumping Station: V.O.-01 DEWATS	Decentralize Waste Water Treatment System which is recreated ponds with total 27,000 square meters including (1) sediment pond and post treatment pond (Pond 1 & Pond2), (2) three Horizontal Flow Planted Gravel Filter (HGF1, HGF2, HGF3), (3) Walkway, & parking and (4) three Ditches and fence.	No Civil work has started since Jan 2020; it is proposed to be completed in 31 July 2020	During excavation and transport of spoil material, It generated too much dust and mud	Disposal of spoils were defined, included transportation roots, covering of Dump Trucks with tarpaulin, watering of haul road, speed control and clean the pavement root two times per week..	Daily monitor by ESHO Monthly Monitor by NES and PMU	Currently, all issues are under managed Kaysone Phomvihane City
			Worker's camp generated more solid waste	Advise to contract with solid waste transport service and make contract to remove solid waste from the worker's camp to landfill two times per week		

Subproject Name	Type of works undertaken	Completed (Yes/NO)	Any ENV issues encountered	Remediation/ mitigation actions	Monitoring information/ Site visits	Any other remarks/project location
Under Contract No. ICB-5.1 – Mekong River Embankment: V.O. – 01 Nounhak Park Road and Soukhavadi Road	Concrete pavement road 459 meters length to Nounhak Park and 292 meters length in Soukhavadi road also included (sidewalks, drainages, streetlight and traffic signs, and repair of concrete retaining wall for Nounhak Park road	Yes Started End of Dec 2019 and completed end of April 2020	No serious issues during the construction Minor issue on access road to HH & restaurant	Contractor was advised to conduct informal consultation with HH before construction and provide temporary access to HHs and restaurants	Daily monitor by ESHO Monthly Monitor by NES and PMU	Kaysone Phomvihane
Under Contract No. ICB-4.1A Kaysone Road: V.O.- 01 Savannakhet Airport access road	Asphalt Concrete Pavement 730 meters length with median and drainage both sides, sidewalks, streetlights and included trees planting	Yes Civil work started Jan 2020 and completed March 2020	No serious issue found during the construction		Daily monitor by ESHO Monthly Monitor by NES and PMU	Kaysone Phomvihane city
Under Contract No. NCB-2.1 Solid Waste Management: V.O.-01 Drain Pipe Installation	Connecting existing landfill drainage system from old landfill to new landfill by PVC 150 mm diameters with total length of 128 meters	Yes Started Dec. 2019 completed in Jan 2020	No significant issue		Daily monitor by ESHO Monthly Monitor by NES and PMU	Kaysone Phomvihane city

Subproject Name	Type of works undertaken	Completed (Yes/NO)	Any ENV issues encountered	Remediation/ mitigation actions	Monitoring information/ Site visits	Any other remarks/project location
Under Contract No. ICB-4.3 Phine Urban Roads: V.O.-01 Ban Napho Access Road	DBST pavement 619 meters length with drainage, and streetlight	Yes Started Jan. 2020 and completed April 2020	No significant issue Boiling bitumen	Advised to use same location & system in Phine Urban road	Daily monitor by ESHO Monthly Monitor by NES and PMU	Phine Town / Phine District
Under Contract No. NCB-4.2 Dansavanh Urban Roads: V.O.-01 Ban Alone Road	DBST pavement 637 meters length with drainage, streetlight & trees planting	Yes Started Jan. 2020 completed March 2020	No significant issue Boiling bitumen	Advised to apply with same mitigation in Dansavan Urban road	Daily monitor by ESHO Monthly Monitor by NES and PMU	Dansavanh town/ Sepon District

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)

Supplemental of Semiannual Environmental and Social Safeguard Monitoring Report

Jan-June 2020



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

Landfill Pre-Operation Preparation

1. New Landfill operation is hot topic for discussion in GMS1, there are many questions and many people raise their concern over the new landfill operation and existing landfill, which is operated by private sector with 30 years concession. Will the existing landfill close soon?? or continue to operate parallel with a new landfill? What will happen with the current concessioner? How does the new landfill operate? Who will be responsible for operating the new landfill? The answers for these questions are very difficult and still inconclusive during this report period.
2. The landfill pre-operation had been discussed in the provincial steering committee meeting on 4 February 2020, the provincial government had assigned (1) Department of Planning and Investment, Kaysonphomvihane Municipality Governor, and Department of Natural Resource and Environment for consulting with Lao Development of Waste Disposal Limited (concessioner of existing landfill), after operating the existing landfill for many years. (2) The landfill management and solid waste management in Kaysonphomvihane municipality for new landfill, the steering committee agreed and advised to implement jointly among state and private as Public Private Partnership (PPP). Urban Development Authority Agency (UDAA) of Kaysonphomvihane was assigned for cooperating with relevant agencies in defining the roles and responsibilities of the state and private on solid waste management from solid waste collection, transportation ...and disposal, which new landfill will be finished in March 2020.
3. The COVID-19 pandemic has adversely affected the construction work resulting to a delay in handover from project to owner, these were not updated since steering committee until 29 June, 2020.
4. Consultation workshop was organized on 29 June 2020 for re-discussing the landfill management and how to deal with existing landfill and other subprojects for pre-hand-over. The consultation workshop was opened and discussed with presentation from PMU for different options on landfill operation, which explained waste collection and transport, weighbridge control, recycle building, compost building and sludge building. The consultation workshop agreed to appoint a committee for negotiating with existing concessioner and finally find the best option in order to close the existing landfill. The committee has included supervision team and secretary team as presented in the attachment.
5. The new landfill operation is environment friendly and is designed as sanitation landfill with a wastewater/ leachate treatment system including an aerator pond, evaporation pond and wetland for discharging overflow from evaporation pond. It includes a personal bathroom for taking shower and changing clothes. Existing landfill will be closed upon operation of the new landfill. The new landfill operation should follow the landfill operation manual, which was developed during the landfill design. The landfill operation manual does not have detail on environment, health and safety plan. The waste pickers and workers in the existing landfill will be considered as priority for new landfill, and before landfill operation, all employees, concessioner management team should receive landfill operation manual, which includes specifics on environment, health and safety.
6. The landfill operation manual will be updated on the section of environment, health and safety. Surface water quality monitoring will be defined as part of environment monitoring section. This operation manual will be updated and will

be the basis of training for all new employees and waste pickers. The updated version and training are expected to be finalized in Q3-Q4 2020; it might depend on the process of finding out the concessioners.

Environment Completion Restoration/Site Rehabilitation

7. During report period, only Dansavanh Urban road subproject was completely restored and rehabilitated, other subprojects are nearly completed; however, worker's camp and other material sources are under preparation for closing. The photos below indicate the worker's camp closing and borrow pit restoration for different purposes.
8. Dansavan Urban road subproject used two borrow pits and four worker's camps, two borrow pits were improved according to the owner's perception. Borrow pit near the main worker's camp has been improved to residential land (construction purpose), another borrow pit belonging to Dansavanh village was developed to be village landfill for basic landfill operation in their community.
9. The worker's camp contractor had rented the local resident land and properly returned the lands to the owners as signed in the contract agreement and other requests from owners. The main worker's camp has been requested for the installation of access road and the keeping of rest room and water tank at the work's camp. The owner wants to re-use said restroom and water tank after the contractor has left the worker's camp.
10. The sites restoration of Phine Urban road, Solid Waste Management, Fa Ngum Road and Kaysone Phomvihane Road construction subproject will be presented in the next semiannual report (July-Dec 2020).

Figure 1. Dansavan Worker's Camp Restoration



Figure 2. Dansavanh Urban Road Borrow Pit Restoration



Water Quality Monitoring (HLK-DEWATS)

11. The HLK surface water baseline had been established on 15 November 2018, there were three locations, the details were already reported in the Semi-annual environment safeguard monitoring report during the period of July-Dec 2018.
12. The surface water monitoring was skipped during the end of 2019 and early 2020, and CSC has advised contractor to monitor surface water as part of the DEWATS construction as well. Contractor complied only with said advise in July 2020, the detail of surface water monitoring will be presented during the next semiannual report and during DEWATS operation. It has already been discussed in the updated EMP for HLK and DEWATS.

COVID-19 Supplemental Report of CEMP

13. The remaining two subprojects, HLK-DEWATS construction subproject and Kaysone Phomvihane Mekong River Embankment Subproject have submitted the supplement CEMP report on COVID-19 Assessment and Prevention to CSC for review and approval. The COVID-19 prevention requirements are implemented in both subprojects. Despite the low risk of COVID-19 in Lao PDR, there remains many prevention requirements.
14. The attachment also presents evidence that ADB's COVID-19 guidelines have been received by the contractor to which contractor also submitted their COVID-19 assessment and prevention.

Attachment

Minute of Meeting of Annual Project Provincial Steering Committee Workshop



ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ



ກະຊວງໂຍທາທິການ ແລະ ຂົນສົ່ງ
ພະແນກ ໂຍທາທິການ ແລະ ຂົນສົ່ງ ແຂວງສະຫວັນນະເຂດ
ໂຄງການພັດທະນາຕົວເມືອງ

ບົດບັນທຶກກອງປະຊຸມ ຄະນະຊີ້ນຳໂຄງການພັດທະນາຕົວເມືອງ ຄັ້ງວັນທີ 4 ກຸມພາ 2020

ໃນວັນທີ 04 ກຸມພາ 2020, ເວລາ 08:00 ໂມງ ທີ່ຫ້ອງປະຊຸມ I ພະແນກ ໂຍທາທິການ ແລະ ຂົນສົ່ງ ແຂວງສະຫວັນນະເຂດ ໄດ້ເປີດກອງປະຊຸມຄະນະຊີ້ນຳໂຄງການຂຶ້ນ ເພື່ອສະຫຼຸບລາຍງານການຈັດຕັ້ງປະຕິບັດໂຄງການ ປະຈຳປີ 2019 ແລະ ວາງແຜນການປະຈຳປີ 2020, ໂດຍພາຍໃຕ້ການເປັນປະທານຂອງ ທ່ານ ທ່ອນແກ້ວ ພຸດທະໄກຍະລາດ, ຮອງເຈົ້າແຂວງ ສະຫວັນນະເຂດ ທັງເປັນປະທານຊີ້ນຳໂຄງການ ພ້ອມທັງແຂກທີ່ຖືກເຊີນເຂົ້າຮ່ວມທັງໝົດ 44 ທ່ານ (ລາຍຊື່ຜູ້ເຂົ້າຮ່ວມກອງປະຊຸມໄດ້ຕັດຕິດມາພ້ອມນີ້). ຜ່ານການລາຍງານການຈັດຕັ້ງປະຕິບັດໂຄງການ, ຕໍ່ຈາກນັ້ນ ກອງປະຊຸມໄດ້ປຶກສາຫາລືກັນຢ່າງ ກົງ ໄປ ກົງມາ ແລະ ໄດ້ມີຂໍສະຫຼຸບເຫັນດີເປັນເອກະພາບກັນດັ່ງລຸ່ມນີ້:

1. ຮູບແບບກ່ຽວກັບການກຳນົດຮູບແບບວົງວຽນທີ່ກຳລັງໃນເສັ້ນທາງໄກສອນພົມວິຫານ: ວົງວຽນທີ 01 ຈຸດຕັດກັນລະຫວ່າງຖະໜົນໄກສອນ ພົມວິຫານ ກັບຖະໜົນຟ້າງຸ່ມ ແມ່ນວົງວຽນຮູບແບບອາຊຽນ. ວົງວຽນທີ 02 ຈຸດຕັດກັນລະຫວ່າງຖະໜົນຟ້າງຸ່ມ ກັບ ຖະໜົນນາເລົ່າ ແມ່ນວົງວຽນຮູບແບບກອງຖິ້ມທີ່ມີໂມງບອກເວລາ ແລະ ວົງວຽນທີ 03 ຈຸດຕັດກັນລະຫວ່າງຖະໜົນໄກສອນ ພົມວິຫານ ກັບ ທາງເລກທີ 13 ໃຕ້ ແມ່ນວົງວຽນຮູບແບບກະບອງໃຫຍ່.
2. ວຽກການຖິ້ມຄອງບໍລິຫານຈັດການຂີ້ເຫຍື້ອ ແມ່ນມອບໃຫ້ ພະແນກ ແຜນການ ແລະ ການລົງທຶນ ແຂວງ, ນະຄອນໄກສອນ ພົມວິຫານ ແລະ ພະແນກຊັບພະຍາກອນທຳມະຊາດ ແລະ ສິ່ງແວດລ້ອມ ເປີດປະຊຸມປຶກສາຫາລື ກ່ຽວກັບ ສັນຍາ ລົງທຶນສຳປະທານຂີ້ເຫຍື້ອໃນເທດສະບານນະຄອນໄກສອນພົມວິຫານ ກັບ ບໍລິສັດລາວພັດທະນາກຳຈັດຂອງເສຍ ພາຍຫລັງປະຕິບັດສັນຍາຮອດປັດຈຸບັນ.
3. ໜ້າວຽກຍ່ອຍໃນແຕ່ລະໂຄງການທີ່ທາງການນຳເມືອງຟິນ, ເມືອງເຊໂປນ ແລະ ນະຄອນໄກສອນ ພົມວິຫານ ສະເໜີເລື່ອງການສ້ອມແປງທາງ, ສ້າງຂົວ, ແລະ ການບຳລຸງຮັກສາ ແມ່ນຈະໄດ້ພິຈາລະນາຕາມຄວາມເປັນຈິງຫຼັງຈາກໂຄງການຍ່ອຍທັງໝົດສຳເລັດຮອດ 90%, ຖ້າງົບປະມານຍັງເຫຼືອ ທັງໂຄງການ ຈະໄດ້ສ້າງແຜນນຳສະເໜີຫາການນຳທີ່ຊີ້ນຳໂຄງການແຕ່ລະຂັ້ນ.
4. ການບໍລິຫານຈັດການສະໜາມຂີ້ເຫຍື້ອໃນເທດສະບານນະຄອນໄກສອນ ພົມວິຫານ ແມ່ນສະເໜີໃຫ້ນຳໃຊ້ແບບການມີສ່ວນຮ່ວມກັນລະຫວ່າງ ພາກລັດ ແລະ ເອກະຊົນ ຫຼື PPP (Public Private

Partnership), ມອບໃຫ້ ຫ້ອງການ ຄຸ້ມຄອງ ພັດທະນາ ແລະ ບໍລິການ ຕົວເມືອງສົມທົບກັບພາກສ່ວນ
ກ່ຽວຂ້ອງ ເພື່ອກຳນົດຂອບເຂດສິດທິ ລະຫວ່າງ ພາກລັດ ແລະ ເອກະຊົນໃນການບໍລິຫານຄຸ້ມຄອງຂີ້ເຫຍື້ອ
ໃນເທດສະບານນະຄອນໄກສອນພົມວິຫານ ເລີ່ມແຕ່ ການເກັບຈາກຄົວເຮືອນ ຈົນຮອດຜັງກັບປູສະໜາມຂີ້
ເຫຍື້ອໃໝ່ ທີ່ຈະສ້າງສຳເລັດໃນເດືອນ ມີນາ 2020.

5. ດອນກາງທາງ ເຂົ້າຊຸມຊົນເຂດສະໜາມບິນສະຫວັນນະເຂດ ແມ່ນເຫັນດີໃຫ້ປູດ້ວຍດິນບລອກ ແລະ ທາສີ
ຂຽວ, ການປູກຕົ້ນໄມ້ ແມ່ນໃຫ້ປູກ ຕົ້ນຈຳປາຂາວ (ເບື້ອງຂວາ) ແລະ ຕົ້ນຈຳປາແດງ(ເບື້ອງຊ້າຍ) ສຸດຂອບ
ເຂດສະຫງວນທາງທັງສອງເບື້ອງ.
6. ສຳລັບເສັ້ນທາງແຄມຂອງ, ສະເພາະທາງຍ່າງແມ່ນເຫັນດີປ່ຽນຈາກສະເຕັມຄອນກິດມາເປັນການປູດ້ວຍດິນ
ບລອກຫີກຫຼຽມ ແລະ ທາສີສີມ.

ກອງປະຊຸມໄດ້ປິດລົງໃນເວລາ 12:00 ໂມງ ຂອງວັນດຽວກັນນັ້ນ.

ດັ່ງນັ້ນ, ຈຶ່ງໄດ້ເຮັດບົດບັນທຶກສະບັບນີ້ໄວ້ເພື່ອເປັນບ່ອນອີງໃນການຈັດຕັ້ງປະຕິບັດໃນຕໍ່ໜ້າ.

ທ່ານຮອງເຈົ້າແຂວງ ສະຫວັນນະເຂດ
(ປະທານກອງປະຊຸມ)



ທ່ານແກ້ວ ພຸດທະໂກຍະລາດ

ຜູ້ບັນທຶກກອງປະຊຸມ



Lao People's Democratic Republic
Peace Independence Democracy Unity Prosperity



Ministry of Public Works and Transport
Department of Public Works and Transports in Savannakhet
GMS-East-West Economic Corridor Towns Development Project

Minute of Meeting
Annual Provincial Steering Committee Workshop for GMS-EWEC Towns
Development Project
February 04, 2020

The meeting was held on February 04, 2020 at 8:00 AM at the Meeting Hall of Department of Public Works and Transport in Savannakhet, chaired by Mr. Thonkeo Phouthakaiyalath vice Governor of Savannakhet Province and head of Project steering committee of GMS with a total attendees of 44 people (name list of attendees is attached). The objective of this meeting is to update the progress of implementation and planning for 2020. Below is summary of the key points enumerated during the workshop:

1. Detail drawing of roundabout at Kaysone Phomvihane Road: Roundabout No.1 at junction of Kaysone Phomvihane Road and Fangum Road is Asian Cup roundabout. Roundabout No.2 at junction of Fangum Road and Nalao Road is Traditional Drum roundabout. Roundabout No.3 at junction Kaysone Phomvihane Road and Road No.13 South is Lao Traditional candle.
2. Department of Planning and Investment, Kaysonephomvihane Municipality Governor, and Department of Natural Resource and Environment for consulting with Lao Development of Waste Disposal Limited (concessioner of existing landfill), after operating the existing landfill for many years.
3. Suggestions to fix pathway, build bridge and maintenance in Phine, Sepone and Kaysone sub-projects will be considered after the sub-projects will be completed to 90%. If there are any savings, the project will properly plan to allocate the saved budget.
4. The landfill management and solid waste management in Kaysonephomvihane municipality for new landfill, the steering committee agreed and advised to implement jointly among state and private as Public Private Partnership (PPP). Urban Development Authority Agency (UDAA) of Kaysonephomvihan was assigned for cooperating with relevant agencies for defining the roles and responsibilities of the state and private companies on solid waste management from solid waste collection, transportation ...and disposal, with the new landfill that will be finished in March 2020.

5. At the Median in airport access road it was agreed to install concrete block with green plants. The tree planting committee has agreed to use white Champa trees on right side and red Champa trees on left side.
6. For the side walk on the Mekong road, it is agreed to change from stem concrete to concrete block installation.

The meeting was adjourned at 12:00.

Vice Governor (Chairman)

recoding minute of Meeting

Mr. Thonkeo Phoutthakaiyalath

Committee for administration improving on Solid Waste Management in
Kaysone phomvihane Municipality



ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ
ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ

ແຂວງສະຫວັນນະເຂດ
ເຈົ້າແຂວງ

1079
ເລກທີ...../ຈຂ.ສຂ
ວັນທີ.03...ມມ... 2020

ຂໍ້ຕົກລົງ

ວ່າດ້ວຍແຕ່ງຕັ້ງຄະນະຮັບຜິດຊອບປັບປຸງການບໍລິຫານ ແລະ ຄຸ້ມຄອງ
ສະໜາມຂີ້ເຫຍື້ອ ນະຄອນໄກສອນພົມວິຫານ

- ອີງຕາມ ກົດໝາຍວ່າດ້ວຍການປົກຄອງທ້ອງຖິ່ນແຫ່ງ ສປປ ລາວ (ສະບັບປັບປຸງ) ສະບັບເລກທີ 68/ສພຊ, ລົງວັນທີ 14 ທັນວາ 2015, ໝວດທີ 04 ມາດຕາ 20 ຂໍ້ 13.
- ອີງຕາມ ຫຼັກສິດສະເໜີຂອງພະແນກ ຍທຂ ແຂວງ , ສະບັບເລກທີ 1096 /ຍທຂ.ສຂ, ລົງວັນທີ 03 ກໍລະກົດ 2020.

ເຈົ້າແຂວງສະຫວັນນະເຂດ ຕົກລົງ:

ມາດຕາ1: ແຕ່ງຕັ້ງຄະນະຮັບຜິດຊອບປັບປຸງການບໍລິຫານ ແລະ ຄຸ້ມຄອງສະໜາມຂີ້ເຫຍື້ອ ນະຄອນໄກສອນ
ພົມວິຫານ ຊຶ່ງລວມມີ: ຄະນະຊີ້ນຳ ແລະ ກອງເລຂາຊ່ວຍວຽກລາຍລະອຽດລຸ່ມນີ້:

I. ຄະນະຊີ້ນຳລວມ:

- | | | |
|---------------------------------|---------------------------------------|-------|
| 1. ທ່ານ ພຸຊິງ ນາມມະຈັກ | ຫົວໜ້າຫ້ອງວ່າການແຂວງ | ປະທານ |
| 2. ທ່ານ ໄຊຍະເສນ ແກ້ວວິໄລສັກ | ຫົວໜ້າພະແນກ ໂຍທາທິການ ແລະ ຂົນສົ່ງແຂວງ | ຮອງ |
| 3. ທ່ານ ວາລີຍະ ສິຈັນທອງທິບ | ຫົວໜ້າພະແນກ ແຜນການ ແລະ ລົງທຶນແຂວງ | ຮອງ |
| 4. ທ່ານ ສົມໝາຍ ສິງວິໄລ | ຮອງເຈົ້ານະຄອນໄກສອນພົມວິຫານ | ຮອງ |
| 5. ທ່ານ ຈັນເພັງໃສ ດາລາຊະວົງ | ຮອງຫົວໜ້າພະແນກ ຊສ ແຂວງ | ຄະນະ |
| 6. ທ່ານ ນາງ ບົວສະຫວັນ ລຸຍບົວທອງ | ຮັກສາການຫົວໜ້າພະແນກການເງິນແຂວງ | ຄະນະ |

➢ ໜ້າທີ່

- ຊີ້ນຳລວມ, ປຶກສາຫາ, ວາງແຜນ ເປີດກອງປະຊຸມກ່ອນການເຈລະຈາກັບຜູ້ປະກອບການ,

II. ກອງເລຂາຊ່ວຍວຽກ:

- | | | |
|-----------------------------|---|--------|
| 1. ທ່ານ ພຸເງິນ ຈັນທະສອນ | ຫົວໜ້າຫ້ອງວ່າການ ນະຄອນໄກສອນພົມວິຫານ | ຫົວໜ້າ |
| 2. ທ່ານ ອຸຣຳ ພຸນປະກອນ | ຫົວໜ້າຂະແໜງສິ່ງແວດລ້ອມ ແລະ ການປ່ຽນແປງ
ດິນຟ້າອາກາດ, ພະແນກ ຊສ ແຂວງ | ຮອງ |
| 3. ທ່ານ ນາລົງ ສຸລິຍະວົງສາ | ຮອງຫົວໜ້າໂຄງການພັດທະນາຕົວເມືອງ | ຮອງ |
| 4. ທ່ານ ນາງ ສຸລິກອນ ມາລາວົງ | ຮອງຫົວໜ້າ ຫ້ອງການ ຄຸ້ມຄອງ ນະຄອນໄກສອນ | ຄະນະ |
| 5. ທ່ານ ໄກສອນ ວົງສຸທິ | ວິຊາການຫ້ອງການ ຄຸ້ມຄອງ ນະຄອນໄກສອນ | ຄະນະ |

➤ ໜ້າທີ່

- ເກັບກຳຂໍ້ມູນ, ກະກຽມເນື້ອໃນເອກະສານ, ກະກຽມຈັດກອງປະຊຸມ,

ມາດຕາ 2: ມອບໃຫ້ບັນດາທ່ານທີ່ໄດ້ຮັບການແຕ່ງຕັ້ງຕາມມາດຕາ 1 ຂອງຂໍ້ຕົກລົງສະບັບນີ້, ຂະແໜງການ, ທ້ອງຖິ່ນ ແລະ ພາກ ສ່ວນທີ່ກ່ຽວຂ້ອງຈົ່ງຮັບຮູ້ໃຫ້ການຮ່ວມມື ແລະ ພ້ອມກັນຈັດຕັ້ງປະຕິບັດຕາມ ຂໍ້ຕົກລົງສະບັບນີ້ຢ່າງເຂັ້ມງວດ.

ມາດຕາ 3: ຂໍ້ຕົກລົງສະບັບນີ້ມີຜົນສັກສິດນັບແຕ່ວັນລົງລາຍເຊັນເປັນຕົ້ນໄປ.

໒໓/໐໔/໒໐ ເຈົ້າແຂວງ ສະຫວັນນະເຂດ



ທ່ອນແກ້ວ ພຸດທະໄກຍະລາດ

ບ່ອນສົ່ງ:

- | | |
|---------------------------------------|---------|
| - ຫ້ອງວ່າການແຂວງ | 1 ສະບັບ |
| - ບັນດາທ່ານທີ່ໄດ້ຮັບການແຕ່ງຕັ້ງທ່ານລະ | 1 ສະບັບ |
| - ເກັບມ້ຽນ | 1 ສະບັບ |



Lao People's Democratic Republic
Peace Independence Democracy Unity Prosperity

Savannakhet province
Governor
2020

No: 1079/GOV.SVK
Date: 03 Jul

Agreement

On Establishing Committee for Administration Improvement on Solid Waste
Management in Kaysone Phomvihane

- Based on the Law on Local Administration of the Lao PDR (revised version) No: 68/NA, date 14 December 2015, Section IV, Article 20, 13
- Referring to the request of the Department of Public Works and Transport No: 1096/DPWT.SVK, dated 03/07/2020

The Governor of Savannakhet province agreement:

Article 1: To appoint the Committee for Administration Improvement on Solid Waste Management in Kaysone Phomvihane, comprised by the following:

Overall Supervision

- | | | |
|--------------------------------|-------------------------------------|--------|
| 1. Mr. Phoukhong Nammachuk | Governance of Savannakhet province | Leader |
| 2. Mr. Xayyasen Keovilaysak | Director of provincial DPWT | Deputy |
| 3. Mr. Valiya Sichanthongthip | Director of provincial DPI | Deputy |
| 4. Mr. Sommai Vongvilay | Vice Governor of Kaysone Phomvihane | Member |
| 5. Mr. Chanphengsay Dalasavong | DDG of Provincial DONRE | Member |
| 6. Mr. Buasavanh Luibuarhong | Deputy Director of Provincial DAF | |

➤ **Responsibility:**

- To provide overall policy guidance, plan for negotiation with concessioner before open the meeting.

Secretary Unit

- | | | |
|------------------------------|---------------------------------------|--------|
| 1. Mr. Phoungern Chanthasone | Head of District Administration | Head |
| 2. Mr. Oukham Phounpakorb | Head of Environment and weather/PoRNE | deputy |
| 3. Mr. Nalong Souliyavonds | Deputy Director of PMU | Deputy |
| 4. Ms. Soulikone Malavong | Deputy Director of UDAA | Member |
| 5. Mr. Kaysone Vongsouthi | Engineer of UDAA Office | Member |

➤ **Responsibility:**

- Record the information, prepare the document, prepare the meeting

Article 2: All organization concerned shall be informed and shall provide cooperation for successful action.

Article 3: This agreement is effective from signed date.

Acting for Governor of Savannakhet Province,

Thonkeo PHOUTTHAKAYSONE

CC:

- Office of Provincial Administration
- All Attendance
- Office File

COVID-19 Assessment and Prevent Sample from HLK-DEWATS



**TAY TRUONG SON
CONSTRUCTION**

**Road No.8 Construction Enterprise and Tay Truong Son
Construction Sole Co., Ltd Joint Venture**

243T2 Ban Sibounheuang, Chanthabouli District Vientiane Lao P.D.R
Mobile (+856)02095034888, Tel/Fax: (+856)-210225006.
Email: taytruongsonsole@gmail.com

Greater Mekong Sub Region East-West Economic Corridor Towns Development Project
LOAN No. 2931-Lao (SF), Grant No. 0314-LAO (UEIF)-"Contract No.: NCB-1.1; Construction of
Subproject Kaysone Phomvihane Wastewater Houay Longkong Channel, Pumping station and flood
gate".

Ref.No: R8CE-TCD-HLK/..17...1-22

Date: 7 July 2020

To: Mr. Ricardo Daria Team Leader / CSCS

CC: Mr. Phomma Vongphachit PMU's Director
Mr. Somphone Xaysanasongkham Deputy Team Leader
Mr. Anouxay PHOMMALATH Environmental Specialist, PMU office.

**Subject: Submission of COVID 19 Risk Assessments and Prevention Supplemental of
Construction Environmental Management Plan For Construction of Subproject
Kaysone Phomvihane Wastewater Houay Longkong Channel, Pumping station and
flood gate".**

Dear Sir,

- Refer to your letter No.407/EWEC-CSCS/INACON/VI/2020, on 30 Jun 2020 "Provide the Guidance on managing risk from COVID 19 on construction site and workers' housing"

Therefore, on behalf of Contractor "TSC" we are pleased to submit COVID 19 Risk Assessments and Prevention Supplemental of Construction Environmental Management Plan For Construction of Subproject Kaysone Phomvihane Wastewater Houay Longkong Channel, Pumping station and flood gate". We promise to follow according to this Plan.

The attached documents are previous submission procedures.

Sincerely yours



Mr. Phomma VONGPHACHIT THAVILAYCHIT
Project Manager

Distribution: Mr. Phomma VONGPHACHIT Project Director of PMU
Mr Nalong Soulinavongsa Deputy Project Director of PMU
Mr. Somphone Xaysanasongkham Deputy Team Leader of CSCS

GMS – East West Economic Corridor Towns Development Project,
Construction Supervision Consulting Services,
Contract no. QCBS-6.1-CSCS
Ban Huamuang KM 5 of Road No. 9, Kaysone Phomvihane Municipality,
Savannakhet Province, Lao PDR



PT. INACON LUMPUR PERSYORAN is Joint Venture
with PT. Kogas Divya Konsulten of Indonesia
in association with MIRA and A.P.S.

Savannakhet, 30 June 2020

No.407/EWEC-CSCS/INACON/VI/2020

To:

Mr. Bouawong

Project Manager of TSC

Subject: Provide the Guidance on managing risk from COVID-19 on construction sites and workers' housing -
The Greater Mekong Sub Region East-West Economic Corridor Towns Development Project, LOAN
No.2931-LAO (SF), Grant No. 0313-LAO (SF), Grant No. 0314- LAO (UEIF) Construction Supervision
Consulting Services, Contract No. QCBS-6-1-CSCS

Dear Sirs,

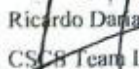
We would like to provide the Guidance on managing risk from COVID-19 on construction sites and in workers' housing.

Sincerely Yours,


Acknowledge by:

Giving by:

Received by:


Ricardo Dana
CSCS Team Leader




Mr. Anouxay Phommalth
Environment Specialist



Tay Choung Son Con. Ltd
Contractor

GMS: East-Waste Economic Corridor Towns Development Project

COVID19 Risk Assessment and Prevention Supplemental of Construction Environmental Management Plan

**for Subproject Kaysone Phomvihane Wastewater Channel,
Houylongkong, Pumping Station and Flood Gate and DEWATS
(NCB-1.1)**



Prepared & Submitted by:

Road No. 8 Construction Enterprise and
Tay Truong Son Construction Sole Co., Ltd, Joint Venture

COVID19 Risk Assessment in Lao PDR/ Project Location

Lao PDR has official reported 19 cases were infected by COVID19 with zero death and recovered 19 persons. COVID19 first case was reported in Vientiane Capital city, date 24 Mar 2020, other 2 cases in following day, and more cases found after that until case 19 was found on date 12 April 2020. The first recovered person and allowed to go home on date 14 April 2020, and the last case was allowed to go home on date 9 June 2020 and no one die from COVID19 in Lao PDR.

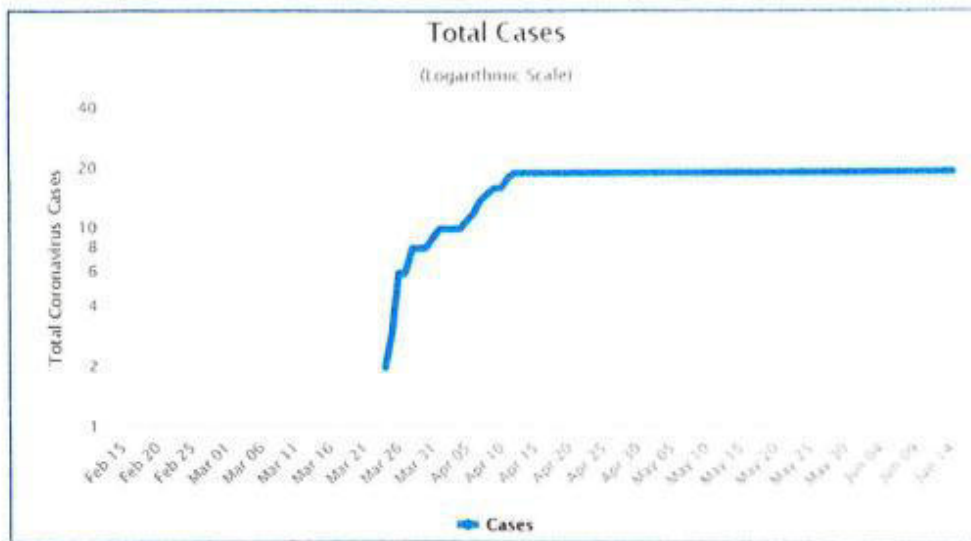
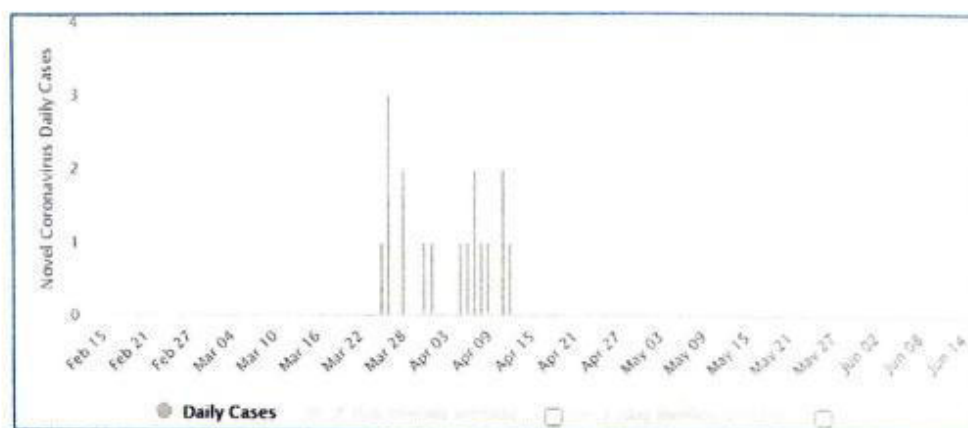


Figure 1: Total COVID19 Cases in Lao PDR

Source: Worldometer

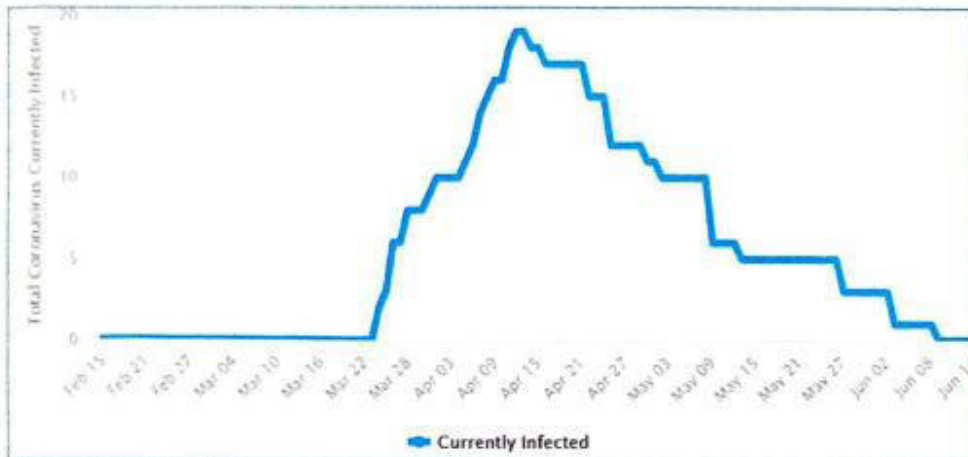
Figure 2: Daily New COVID19 Cases in Lao PDR



Source: Worldometer

MS
Pitsoank

Figure 3: COVID19 Active Cases in Lao PDR



Source: Worldometer

Savannakhet, where is located in middle part of Lao PDR, on the North is Khammouan province, on the South is Salavan Province, on the West is Mudahan, Thailand and on the East is Quang Tri, Vietnam. Even through, Lao PDR and neighboring countries had many people infected COVID19, but Savannakhet found zero case. Since 13 April 2020, Lao PDR has found zero new case of COVID19.

COVID-19 Prevention

According to "Guidance on managing risk from COVID-19 on construction sites and in workers' housing", and through consultation with Consultant Engineers, Road No.8 Construction Enterprise, Tay Truong Son Construction Sole Co.,Ltd JV formulates Covid-19 prevention and mitigation plan and will implement it on site for guarantee the health and wellbeing with all stakeholders involved in this project.

1. Publicity and Education

We will publicize and familiarize the knowledge of pandemic prevention and control to the staff, improve the self-protection awareness of the staff, and make full use of the brochure, newspaper, television and other media to publicize the Covid-19 protection knowledge. We will comply with all the prevention measures and policies adopted by Lao government.

We will make a personnel registration system for the staff and close down the site for construction, keep a record of staff's daily temperature, set up an isolation room on the construction site, and take compulsory isolation and medical examination for the staff with abnormal temperature (if any). And check whether they have fever symptoms. The staff from the high-alert epidemic area shall be forced to conduct isolation for 14 days, and the personnel without fever symptoms can enter the construction site after isolation.

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Sterilizing of Site and Equipment

We will use disinfectant or alcohol to sterilize the living area, office area, construction area and garbage yard once a day and make records, keep the confined space ventilated. We will disinfect and record the equipment/vehicle used in the construction on daily basis.

Protective material preparation

We will provide enough face masks, hand sanitizer and disinfectants for staff on the construction site, and its compulsory for staff to wear masks in densely-populated areas.

Contact Tracing

When we find the staff, who is infected with the virus, every person who is contact with this staff should be isolated.

Social Distancing

Practicing distance between individuals of a minimum of 1.0m apart.

Limiting Physical Contact

Avoiding overcrowding to avoid physical contacts. No more than 10 people in the same enclosed space.

Installation of Scanners to Monitor Temperature of Staff Entering Site, testing temperature of everyone and prohibiting individuals with body temperature above 37.5°C from entering site.

Plutonium

Table 1. Minimum Requirement for COVID-19 Prevention

Worker Camp Siting and Management Mitigation Measures for Health and Safety and COVID-19	
1. Siting	<ul style="list-style-type: none"> • Not in area liable to flooding, landslide or other natural disaster • Not in area affected by construction dust, noise, sewage or other pollution • Not in a residential area
2. Minimum housing standards	<ul style="list-style-type: none"> • a separate bed for each worker • beds should not be arranged in tiers of more than two; • separate accommodation of the sexes or to accommodate couples • adequate natural light during the daytime and adequate artificial light • adequate ventilation to ensure sufficient movement of air • adequate supply of safe potable water • adequate sanitary facilities (see below); • adequate drainage • adequate furniture for each worker to secure his or her belongings, such as a locker. • common dining rooms, canteens or mess rooms, located away from the sleeping areas • appropriately situated and furnished laundry facilities • reasonable access to plug sockets for charging telephones and other devices • rest and recreation rooms and health facilities, where not available in the community.
3. Minimum accommodation sizes	<p>Sleeping space</p> <p>inside dimensions over 198 centimeters by 80 centimeters; Sleeping room: headroom of over 203 centimeters allowing full free movement</p> <p>Beds minimum 2m apart for COVID-19 risk management</p>
4. Sanitation Facilities	<ul style="list-style-type: none"> • One toilet, one tap / basin, one toilet for every 6 people • Convenient location to accommodation • Provision of soap • Separate facilities for men and women • Ventilation to open air • Fresh cold running water • Clean and hygienic • Septic tank / sewage treatment facility, or pit latrines located at least 200m from surface waters, and in areas of suitable soil profiles and above the groundwater levels
5. Health and Safety within worker accommodation	<ul style="list-style-type: none"> • Separate area for sick workers to prevent transmission of disease • Smoke detector in sleeping area • Fire safety throughout accommodation such as fire extinguishers, fire alarms, fire blankets • Worker training in fire prevention and procedures • Fire exit sign, adequate means of escape and clearly maintained exit

MS
Pharmach