

Environmental Monitoring Report

PUBLIC

Semi-Annual Report
April 2024

Lao PDR: Vientiane Sustainable Urban Transport Project

Prepared by the Project Management Unit of Department of Transport, Ministry of Public Works and Transport for the Lao People's Democratic Republic and the Asian Development Bank (ADB).

NOTE

In this report, "\$" refers to United States dollars

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Semi-Annual Environmental Monitoring Report

**Lao People's Democratic Republic
Ministry of Public work and Transport**

ADB Grant and Loan No. 45041-002

**Vientiane Sustainable Urban Transport Project
(VSUTP)**

Reporting Period: *July to December 2023*

Date: *22 April 2024*

SEMR Report Number: *1*

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1 Project Background

1. The proposed project will support the piloting of a sustainable urban transport system in the core area of Vientiane Capital City, in preparation for mainstreaming of the piloted system in other Lao urban areas. The Ministry of Public Works and Transport (MPWT) is the executing agency (EA) for the Vientiane Sustainable Urban Transport Project (VSUTP) while the Vientiane Capital's Department of Public Works and Transport (DPWT) serves as the implementing agency. The city core was selected as a pilot area under an ADB regional technical assistance (TA) for implementation of urban transport which was completed in March 2011. The project is aligned with Lao PDR's Seventh National Socioeconomic Development Plan (NSEDPP), the goals of which include sustainable economic development.
2. The project was financed by the following financiers, with a total estimated cost of US\$99.7 million:
 - ADB, Special Funds resources (loan): 35.11%
 - OPEC Fund for International Development (loan): 15.04%
 - European Investment Bank (loan): 20.06%
 - Asian Investment Facility (grant): 6.92%
 - Global Environment Facility (grant): 1.85%
 - Private sector Investment: 6.43%
 - Government: 14.59%
3. The five Project's outputs include the establishment of:
 - (i) an Urban Transport Management Section (UTMS);
 - (ii) a high-quality public bus transport service based on The Bus Rapid Transit (BRT) model;
 - (iii) an improved Traffic Management System;
 - (iv) a Parking Management System; and
 - (v) the development of non-motorized transport (NMT) facilities
4. The proposed VSUTP will be located within the five districts of Vientiane Capital namely Sikhodtabong, Chanthabouly, Sisattanak, Xaysettha and Xaythany Districts. Figure 1 shows the location of various components (outputs) of the proposed project such as the 12.9 km BRT corridor and the 28 BRT stations, the Transit Mall and depot. Figure 2 shows the distribution of BRT station and Figure 3 shows the location of Non-Motorized Transport and Parking.
5. The proposed BRT bus depot and maintenance center has an area of 29,179 m², it is located along Road 13 South, at Km 16 (Xaythany District). (see Figure 4).
6. Main civil works are complemented with other equipment, summarized as follows:
 - Stations equipment
 - Power supply
 - Light boxes information
 - Advertising walls
 - Parking area (bicycles, pedicabs)
 - Entry ramps and balustrades
 - Fare sales kiosk
 - Gate area
 - Led lighting

- Photovoltaic panels
- Recycling facilities
- Gray water collection and conservation

- Landscaping equipment

- Benches and seats
- Litter bins
- Cycle racks
- Bollards
- Public lighting
- Public toilets

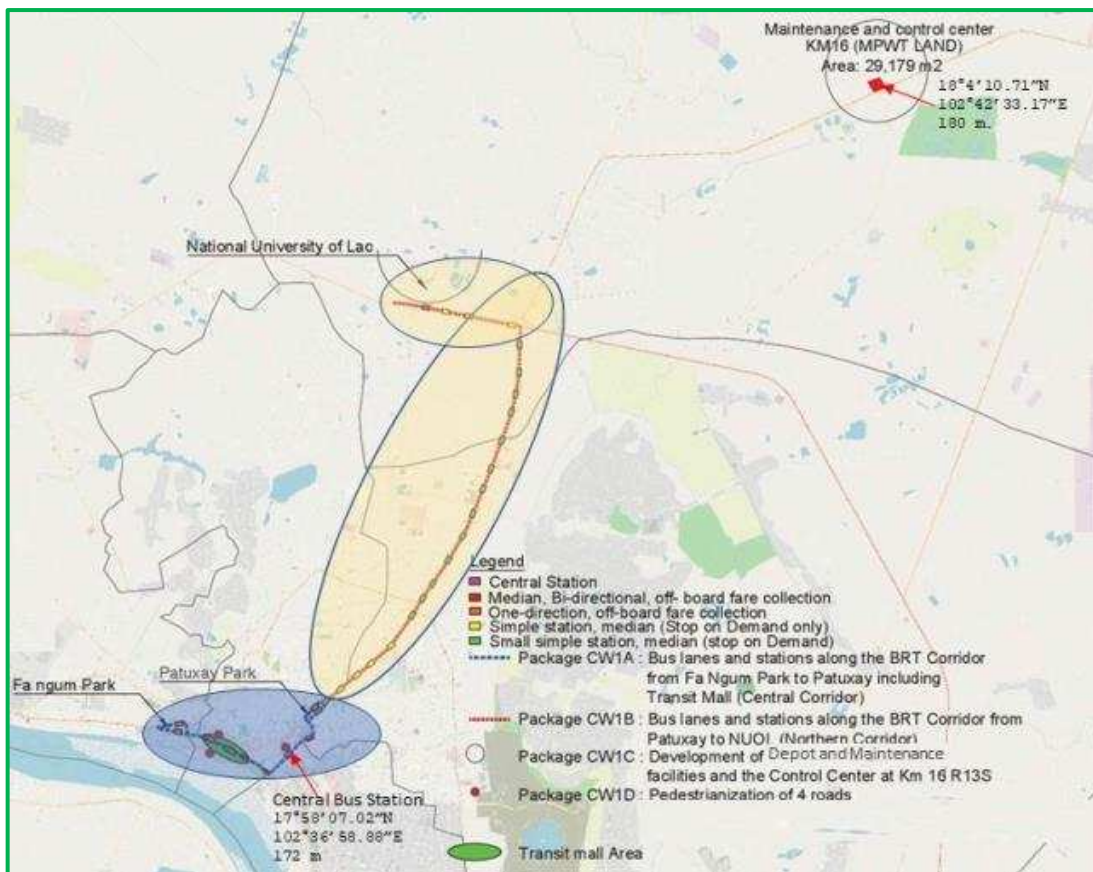


Figure 1 VSUTP Project Location

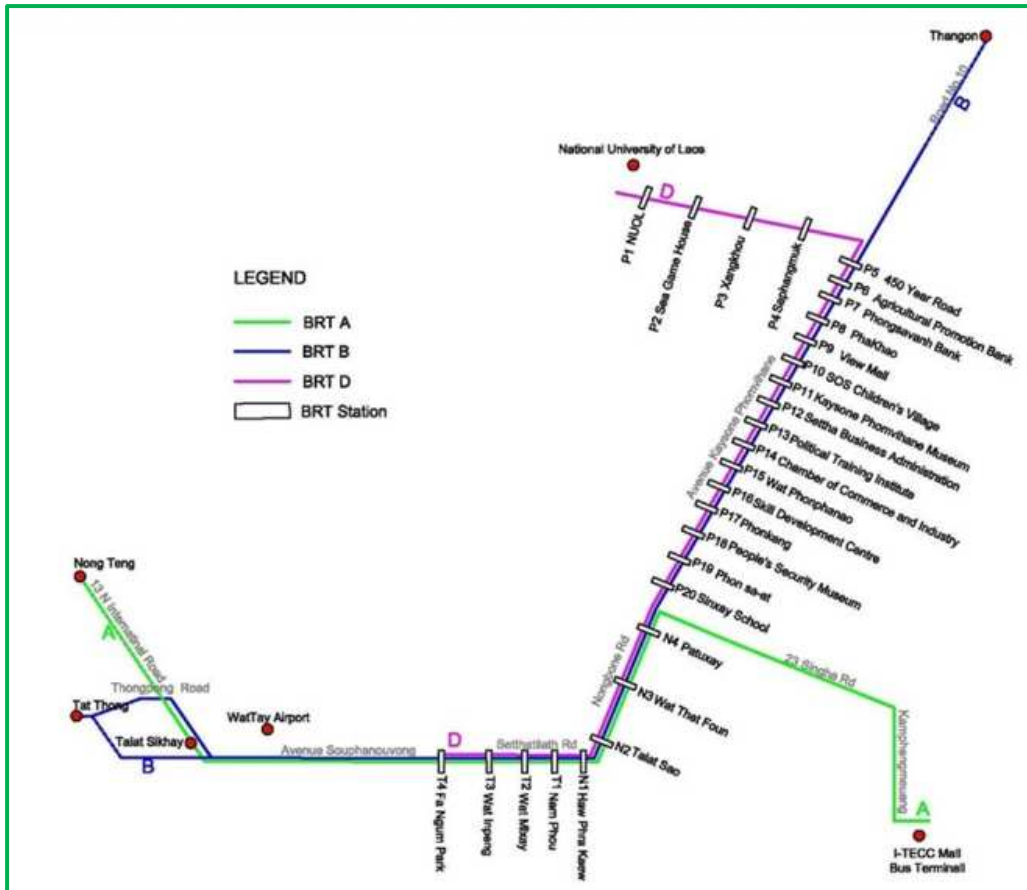


Figure 2 Diagram of the Distribution of BRT Stations



Figure 3 Non-Motorized Transport and Parking Map

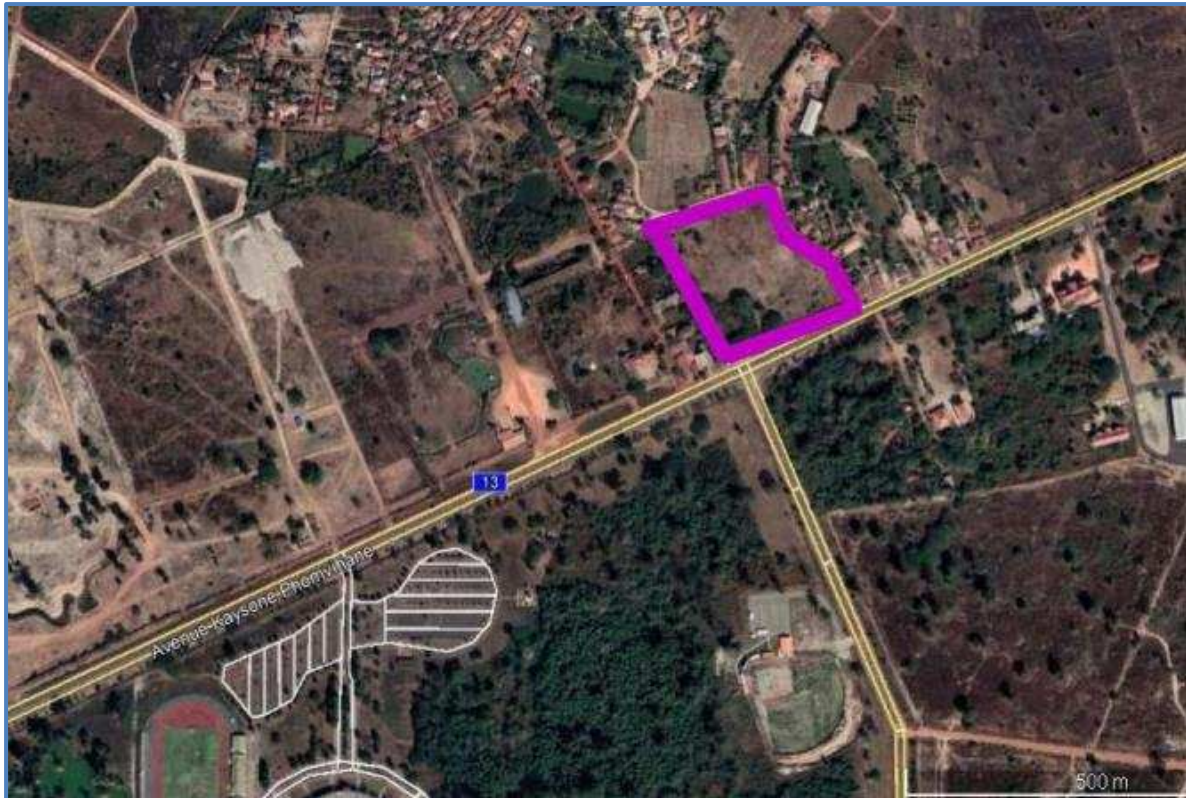


Figure 4 Aerial View of the proposed Bus Depot area

2 ENVIRONMENTAL SAFEGUARDS SUMMARY

7. The 1st Semi-annual Environment Monitoring Report (SEMR) covers the period of July to December 2023 for Vientiane Sustainable Urban Transport Project (VSUTP). The SEMR has been prepared to fulfil the safeguard policy requirement of ADB.
8. The SEMR is prepared by Project Implementation Consultant (PIC) and checked by Project Coordination Unit (PCU).

2.1 Summary of Project Progress

9. The following table gives a brief summary of the project progress for contract award, construction and key activities in this reporting period:

Table 1 Project Progress Summary

Safeguards Category	Environment	B	
Reporting Period:	July – December 2023	Date Last Report Issued:	April 2024
Contracts Awarded to Date:	<p>CW1A Contractor: One Formula Co. Ltd Award Date: 17 November 2023 Period: 13 Months until 31 December 2024 Package: Bus Lanes and Stations FaNgum Park to Patuxay</p> <p>CW1B Contractor: Road No. 8 Construction Enterprise and Tay Troung Son Construction Sole Co., Ltd. Joint Venture Award Date: 17 November 2023 Period: 13 Months until 31 December 2024</p>		

	<p>Package: BRT Lanes and Stations from Patuxay to National University of Laos (NUOL)</p> <p>CW1C Contractor: DangKhoa General Services Trading Co. Ltd Award Date: 1st November 2023 Period: 13 Months until 31 December 2024 Package: Depot, Maintenance and Control Center</p> <p>CW1D Contractor: Road No. 8 Construction Enterprise and Tay Troung Son Construction Sole Co., Ltd. Joint Venture Award Date: 28 September 2023 Period: 15 Months until 31 December 2024 Package: Pedestrianization around the BRT Station</p> <p>CW1E Contractor: Tapaco Vietnam Joint Stock Company (TPC) Award Date: 18 January 2024 Period: 12 Months until 31 December 2024 Package: Traffic Signalling</p>
Construction Progress to Date:	<p>As of December 2023, physical construction has not yet commenced during this reporting period.</p> <p>CW1A: 0% construction completed CW1B: 0% construction completed CW1C: 0% construction completed CW1D: 0% construction completed CW1E: 0% construction completed</p>
Key Sub-project Activities in this Reporting Period:	<p>There have been no construction activities during this reporting period</p>

2.2 Summary of EMP Implementation

10. EMP implementation is summarised in the following points, for this reporting period:

- Given that construction activities have not yet commenced, the EMP implementation is not fully in effect during this reporting period.
- The contractors received contract awards between September 2023 and January 2024. Following contract signing, the Project Implementation Consultant (PIC) organized CEMP workshops for each contractor. These workshops aimed to ensure that contractors were fully aware of their responsibilities regarding environmental and social management and monitoring during the construction phase.

2.3 Summary of EMP Monitoring

11. EMP monitoring is summarised in the following points, for this reporting period:

- Number of Monitoring Visits to Construction Site and wider area:
 - Since construction work has not yet commenced, the site visit by the Project Coordination Unit (PCU) and Project Implementation Consultant (PIC) has not taken place.
- Number of Environmental Samples Tested:

- No air quality samples tested during this reporting period, the contractors for packages CW1A and CW1B will conduct air quality sample tests before commencing construction work.
- No water quality samples were tested because the construction work is not related to natural water streams.

2.4 Summary of Complaints, Issues and Corrective Action

12. No complaints and issues have been identified for this reporting period:

3 SAFEGUARDS STAFF, TRAINING AND DOCUMENTATION

3.1 Implementation Arrangements

13. The EMP defines the Environmental Safeguards roles and responsibilities. The roles are required to be filled in order to meet the EMP requirements. The following table gives the status of the key roles for EMP implementation:

Table 2. Status of Environmental Safeguard Roles

Safeguards Role	Status & Comment			
Executing Agency (EA) Ministry of Public Work and Transport (MWPT) as the EA for the VSUTP takes overall responsibility for successful implementation of the EMP and ensure that Project implementation complies with the GOV and ADB's environmental policy principles and requirements.	Date Started:	March 2019	Full Time/Part Time	PT
	Comment	Director of PCU-Mr. Khamphan Vanthana (Part-time)		
Project Coordination Unit (PCU) Department of Transport/ Project Implementing Agency (DOT/IA) Ensure that EMP provisions are strictly implemented during pre- construction, construction and operation phases of the project. Undertake monitoring of the implementation of the EMP (mitigation and monitoring measures) and prepare semi-annual environmental monitoring reports with assistance from the PIC.	Date Started:	June 2023	Full Time/ Part Time	PT
	Comment	Mr. Thavone Sysouman, in -charge of Environment and Social Senior Officer (Part-time)		
PCU GRM Focal Point. The overall responsibility of GRM focal point is to ensure all stakeholders are properly informed about GRM procedures and documentation requirements, to participate in District and	Date Started:	Jan 2023	Full Time/Part Time	PT
	Comment	Mr. Puttakhay Sirisack, GRM officer (Part-time)		

Province Committee meetings and to coordinate reporting on grievance redress.				
<p>Project Implementation Consultant (PIC) Team Leader Provide overall supervision and guidance; PIC-International and National and Environmental Specialist provide support to PCU/IA and contractor; responsibilities of the PIC-ES are:</p> <ul style="list-style-type: none"> • Undertake environmental management training of PCU/IA environmental staff; • Give support to the PCU/IA for the management of environmental matters; • Monitor the environmental performance of contractors in terms of the implementation of mitigation measures for pre- construction and construction phase as specified in the EMP; • Based on the results of EMP monitoring, identify environmental corrective actions and prepare a corrective action plan, as necessary, for submission to ADB; • Assist PCU/IA for the preparation of Semi-annual Environmental Monitoring reports (EHSSR), to be submitted to competent concerned agents (ADB, etc.). 	Date Started:	March 2019	Full Time/ Part Time	PT
	Comment	Jean Salles Project Implementation Consultant Team Leader (Part Time); Mr. Kiathipan Sanamadmouty (PIC- CW1A Resident Engineer#1); Mr. Bounthanom Phomhipak PIC- CW1D Resident Engineer#2); Mr. Vilakone Phomsuvanh (PIC- CW1AB Resident Engineer#3); and Mr. Sisavath Keovongsack (PIC- CW1C Resident Engineer#4) supported by Sengdavanh Phongpaseuth (PIC-National Environment Specialist; part-time) and Mr.xxxx (PIC-International Environment Specialist; part-time).		
Contractor Environment Health & safety Staff	Date Started:	December 2023	Full Time/Part Time	FT
	Comment	All contractors have designed a full-time Environmental Health and Safety Specialist/Officer. CW1A-Mr. Jirasak Vongsa, Environment Specialist. CW1B-Mr. Nath Inthaboualy, Environment Specialist and Mr. Kalaketh Latthachak, Safety Engineer. CW1C- Mr. Thavisith Environmental Health and Safety Manager and Mr. Le Ngoc Minh Environment Engineer. CW1D-Mr. Latsamee Thathong, Environmental Health and Safety Officer CW1E-Mr. Nguyen Manh Cuong, Environmental Health and Safety Officer		

Contractor GRM Person	Date Started:	December 2023	Full Time/Part Time	FT
	Comment	The Environmental Health and Safety Officer of each contractor oversees the implementation of Grievance Redress Mechanism (GRM)		

14. The project concludes that the environmental safeguards roles sufficiently meet the human resource requirements for implementing the environmental management and monitoring plan.

3.2 Training & Capacity Building

15. The following table gives the environmental safeguards training courses that have been completed during this reporting period and the planned training courses for the next six months:

Table 3. Environmental Safeguards Training Provided and Planned

Training Course Title	Training Date	Participants	Training Provider
CEMP preparation and Implementation for package CW1D	26 Oct 2023	Total: 14 pp, 1 Female PCU PIC Contractor of CW1D	PIC-National Environmental Specialist
CEMP preparation and Implementation for package CW1C	13 Nov 2023	Total: 05 pp, 1 Female PCU PIC Contractor of CW1C	PIC-National Environmental Specialist
CEMP preparation and Implementation for package CW1A, CW1D and CW1B	28 Nov 2023	Total: 15 pp, 1 Female PCU PIC Contractor of CW1A, CW1B and CW1D	PIC-National Environmental Specialist

3.3 ADB Approvals

16. The following table gives information on the status of the safeguard's documents.

Table 4. Status of Environmental Safeguard Documents

Safeguards Documents	Update Issued (Latest Version)	Submitted to PONRE	Submitted to ADB
Initial Environmental Examination and Environmental Management Plan Ver 6	October 2021	21 Mar 2023	October 2021

3.4 National Approvals

17. The following table gives an update on the necessary national approvals required for the project to proceed.

Table 5. Status of National Approvals for Environmental Documents

Documents	Submitted to PONRE	Approved PONRE:	By	Status – if not approved	Comment
IEE and EMP updated October 2021	21 March 2022	19 July 2022			

3.5 Construction Environmental Management Plan (CEMP) Approvals

18. The following table confirms the status of the Construction Environmental Management Plan (CEMP) for each CW package:

Table 6. Status of CEMP Approvals

Civil Works Package/ Subproject	CEMP Given to PCU	Approved By PCU:	Comment:
CW1A-Bus Lanes and Stations along BRT Corridor FaNgum Park to Patuxay Including Transmit mall (Central Corridor).	NA		
CW1B- BRT Bus Lanes and Stations Patuxay to NUOL	NA		
CW1C-Depot, Maintenance and Control Center	NA		

CW1D-Pedestrianization around the BRT stations	NA		
CW1E-Traffic Signalling	NA		

4 EMP IMPLEMENTATION

4.1 Environmental Performance

19. The following table gives the environmental impact mitigation measures in the Borrower (Project) EMP and the corresponding CEMP and how the project is progressing with implementing the mitigation measures, for each subproject.

20. The evidence for the compliance is through a combination of:

- Site visits to observe site practices;
- Consultation with affected people;
- Regular environmental reporting from PCU and contractors.

Table 7. Status of EMP Compliance CW1A (The construction work has not yet commenced)

	EMP Requirement (Mitigation Measure)	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
1	Air quality/dust management			
2	Noise and Vibration management			
3	Solid waste and waste water management			
4	Drainage obstruction mitigation			
5	Handling the bitumen and other hazardous substances.			
6	Vegetation management/Tree cutting planning			

7	Mitigating the impact of community facilities and properties.			
8.	Traffic Management and mitigating disturbance related to properties access.			
9.	Undiscovered archaeological relics Management. (Chance to finds)			
10	Avoid the social conflict due to present of worker. – Maximize number of local people employed. -inform the population that any complaint about worker's attitude may be expressed through the GRM			

Table 8. Status of EMP Compliance CW1B (The construction work has not yet commenced)

	EMP Requirement (Mitigation Measure)	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
1	Air quality/dust management			
2	Noise and Vibration management			
3	Solid waste and waste water management			
4	Drainage obstruction mitigation			
5	Handling the bitumen and other hazardous substances.			
6	Vegetation management/Tree cutting planning			
7	Mitigating the impact of community facilities and properties.			

8.	Traffic Management and mitigating disturbance related to properties access.			
9.	Undiscovered archaeological relics Management. (Chance to finds)			
10	Avoid the social conflict due to present of worker. – Maximize number of local people employed. -inform the population that any complaint about worker's attitude may be expressed through the GRM			

Table 9. Status of EMP Compliance CW1C (The construction work has not yet commenced)

	EMP Requirement (Mitigation Measure)	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
1	Air quality/dust management			
2	Noise and Vibration management			
3	Solid waste and waste water management			
4	Drainage obstruction mitigation			
5	Handling the bitumen and other hazardous substances.			
6	Vegetation management/Tree cutting planning			
7	Mitigating the impact of community facilities and properties.			

8.	Traffic Management and mitigating disturbance related to properties access.			
9.	Undiscovered archaeological relics Management. (Chance to finds)			
10	Avoid the social conflict due to present of worker. – Maximize number of local people employed. -inform the population that any complaint about worker's attitude may be expressed through the GRM			
11	Specific mitigation measure for the depot construction site			

Table 10. Status of EMP Compliance CW1D (The construction work has not yet commenced)

	EMP Requirement (Mitigation Measure)	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
1	Air quality/dust management			
2	Noise and Vibration management			
3	Solid waste and waste water management			
4	Drainage obstruction mitigation			
5	Handling the bitumen and other hazardous substances.			
6	Vegetation management/Tree cutting planning			
7	Mitigating the impact of community facilities and properties.			

8.	Traffic Management and mitigating disturbance related to properties access.			
9.	Undiscovered archaeological relics Management. (Chance to finds)			
10	Avoid the social conflict due to present of worker. – Maximize number of local people employed. -inform the population that any complaint about worker's attitude may be expressed through the GRM			

Table 11. Status of EMP Compliance CW1E (The construction work has not yet commenced)

	EMP Requirement (Mitigation Measure)	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
1	Air quality/dust management			
2	Noise and Vibration management			
3	Solid waste and waste water management			
4	Drainage obstruction mitigation			
5	Handling the bitumen and other hazardous substances.			
6	Vegetation management/Tree cutting planning			
7	Mitigating the impact of community facilities and properties.			

8.	Traffic Management and mitigating disturbance related to properties access.			
9.	Undiscovered archaeological relics Management. (Chance to finds)			
10	Avoid the social conflict due to present of worker. – Maximize number of local people employed. -inform the population that any complaint about worker's attitude may be expressed through the GRM			

21. Please note that the construction work has not yet started during this reporting period; therefore, the environmental management plan implementation has not yet begun.

Table 12. EMP– Actions Needed for Compliance

	EMP Requirement	Further Action to Take	Date for Action	Who will Implement Action
	NA	NA	NA	NA

22. This is the first Simi-Annual Environmental Monitoring Report, there are no outstanding performance issues.

Table 13. EMP Compliance Outstanding Issues from Previous Report(s)

EMP Requirement	Further Action to Take	Responsibility and Timing	Resolution	Required Action
NA	NA	NA	NA	NA

4.2 Health and Safety Performance

23. The following table gives the Health and Safety impact mitigation measures in the Borrower EMP and how the project is progressing with implementing the mitigation measures, for all subprojects.

Table 14. Status of Health and Safety Compliance - ALL subprojects (The construction work has not yet commenced)

	Health and Safety Requirement	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
Occupational Health and Safety				
1	Provide all personnel with appropriate safety equipment such as safety boots, helmets, gloves, protective clothes, welding helmets, dust masks, goggles, ear protection, safe line and fall prevention measures, etc., broadly referred to as personal protective equipment (PPE).			
2	Workers at construction site wear the appropriate PPE as required for each type of work.			
3	Workers without appropriate PPE are prohibited from entering the construction site.			
4	Environmental Health and Safety Officer (EHSO) are employed as full-time staff.			

	Health and Safety Requirement	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
5	Conduct training for construction workers regarding health and safety measures, emergency response in case of accidents, fire etc.			
6	First-aid facilities are readily accessible to workers at construction site.			
7	Fire-fighting equipment is available at the working areas.			
8	Provide enough and separate hygienic sanitation facilities for male and female workers along the site. Toilets will be portable and will be moved along site depending on the working activities in each section.			
Community Safety				
9.	The barriers have been installed to keep the public away from hazardous construction areas.			
10.	Signaling have been installed at the periphery of the construction site advising road users and the general public that construction is in progress.			
11	Strictly impose speed limits for construction vehicles along all their route from night parking and other facilities' areas, not only along the affected sections of the alignment.			

	Health and Safety Requirement	Compliance & Description (Yes, No, Partial)	Comment or Further Explanation if Needed	Reasons for Not Full Compliance
12	Provide adequate lighting at night within and in the vicinity of construction sites.			
13	Provide security personnel in hazardous areas to restrict public access.			
14	Provide safe passage ways for pedestrian to cross the construction site and for people whose home and business access has been disrupted due to construction works.			

24. For all 'Partial' or 'No' compliance issues in the table above, the actions needed to solve the compliance issues are in the table below (Please note that the construction work has not yet started during this reporting period):

Table 15. Status of Health and Safety Actions Needed for Compliance - ALL subprojects (The construction work has not yet commenced)

	Health and Safety Requirement	Further Action to Take	Date for Action	Who will Implement Action
		NA	NA	NA

25. The following table follows up on Health and Safety performance issues from previous Environmental Monitoring Reports for this subproject. *This is the first Simi-Annual Environmental Monitoring Report, there are no outstanding performance issues.*

Table 16. EMP Compliance Outstanding Issues from Previous Report(s) – ALL subprojects

Issue	Required Action	Responsibility and Timing	Resolution	Required Action
	NA	NA	NA	NA

5 EMP MONITORING

5.1 Environmental Quality Monitoring

26. Environmental quality monitoring requirements are defined in the Monitoring Plan section of the EMP. The following table gives a summary of the environmental quality monitoring requirements for each subproject.

Table 17. EMP Environmental Quality Monitoring Requirements

Subproject	Environmental Issue Monitored	Location	Parameters	Responsible Organisation	Frequency
CW1A	Noise	<ul style="list-style-type: none"> - PK 1+320 – Setthathirath x Chao Anou Intersection. - Any point where there are substantiated complaints. 	Acoustic level: Leq, Lmax, One Hour LAeq (dBA) for day time and night time.	Contractor	Once, before starting site work and/or in case of public complaints
CW1A	Atmosphere and Air Quality	<ul style="list-style-type: none"> - PK 1+160 - Setthathirath x Koun Boulom Intersection. - Any point where there are substantiated complaints. 	CO, NO ₂ , SO ₂ , SPM	Contractor	Once, before starting site work and/or in case of public complaints.
CW1B	Noise	<ul style="list-style-type: none"> - PK 3+310 North Corridor - Lao-Vietnam Secondary School - PK 4+140 North Corridor, P12, in front of the Hospital - PK 8+800 North Corridor - P2, Sathit School. - Any point where there are substantiated complaints. 	Leq, Lmax, One Hour LAeq (dBA) for day time and night time.	Contractor	Once, before starting site work and/or in case of public complaints.
CW1B	Atmosphere and Air Quality	<ul style="list-style-type: none"> - PK 4+400 - in the northern tip of Patuxai Square - PK 4+140 North Corridor, P12, in front of the Hospital - PK 9+050 North Corridor, P1 National University of Laos - Any point where there are substantiated complaints 	CO, NO ₂ , SO ₂ , SPM	Contractor	Once, before starting site work and/or in case of public complaints.

Subproject	Environmental Issue Monitored	Location	Parameters	Responsible Organisation	Frequency
CW1C	Groundwater quality	- Bus maintenance surface	Total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX)	Contractor	Once, before start operation phase.

27. No environmental quality monitoring during this reporting period. The environmental quality monitoring will be conducted by the contractor of packages CW1A and CW1B before starting the site work, it is expected to be conducted during January 2024.

Table 18. EMP Environmental Quality Monitoring implemented

Subproject	Environmental Issue Monitored	Location	Monitoring Date
CW1A	None	None	None
CW1B	None	None	None

28. **Summary of Results – Noise.** No noise tests were conducted since the construction work is planned to start in February 2024.

29. **Summary of Results – Air quality.** No air quality tests were conducted since the construction work is planned to start in February 2024.

30. **Summary of Results – Groundwater quality.** No ground water sampling since the EMP required to conducted before starting the operation phase.

6 Construction Phase Affected People Consultation

6.1 Information Disclosure

31. The following table gives information on any information disclosure activities undertaken.

Table 19. Information Disclosure

Topic / Reason for Information	Disclosure Date	Method of Disclosure	Outcome / Results

Public Awareness Raising Campaign	Monthly since August 2023	Installation 4 sets of artworks: (i) Taladsao Billboard, (ii) Phonephanao LED, (iii) Wattay LED and (iv) 8 bus shelter locations.	
Public Awareness Raising Campaign	Monthly since August 2023	6 articles of press releases in Lao and English	
Public Awareness Raising Campaign	Monthly since August 2023	Six online posts in Lao and English.	
Public Awareness Raising Campaign	Monthly since August 2023	Three radio spots advertising	
Project Information disclosure for CW1D (engineering detail design, Parking area, Hatsady road construction plan)	23 November 2023	Consultation meeting at Hatsady Village Office	All participants agreed with the CW1D designed and implementation plan and supported the project.
Project Information disclosure for CW1D and CW1A (Anou and Hengboun road and Transit Mall) and proposed the compensation agreement signing schedule	8 th December 2023	Consultation meeting at Haisok Temple	All participants agreed with the CW1D (Anou and Hengboun Road) and CW1A (Transit Mall) designed, implementation plan and supported the project.

32. During the construction phase, the following table gives information on the consultations that were undertaken in order to understand the impact of the project on Affected People and how effective the EMP Mitigation measures are for residents, businesses and other affected people around the construction sites.

Table 20. Pre-Construction and construction Phase Affected People Consultation

Subproject	Consultation Date	Person Consulted / Location	Outcome / Issues	Corrective Action Needed	Action Implemented by (person/date)
CW1A, CW1B, CW1E and CW1D Consultation meeting on the implementation of EMP, compensation and resettlement.	7 November 2023	Director of DWTP; District Governor of Chanthabouly District; Representative of District Resettlement Committee of Chanthabouly, Sykhotabong, Sysattanak and Xaysettha District;	The president and member of Resettlement Committee have been changed due to the district organization's restructuring.	The meeting agreed to issues new decree on district resettlement committee.	District Resettlement Committee.

		<p>Representative of Vientiane Capital Cabinet; Representative of Department of Information, Culture and Tourism. Representative of Department of Planning and Investment. Representative of PCU Representative of PIC; Village authority of Ban Haysok, Xeingnguen, Anou, Mexay, Sydamdoun, Syhom, Road No.8 Company Total: 41 pp, 13 females.</p>	<p>The agreement on compensation for business disturbance was signed, but it stipulated two months of disturbance compensation. However, only one month is being provided here.</p> <p>Where is the parking area for the households who has the house and business along the roadsides?</p>	<p>The construction work in each section shall be completed within one month based on the compensation payment period.</p> <p>For the new parking area, which will serve the households that used to park their cars along the roadside in front their houses, PCU will coordinate with District Resettlement Committee and Village Authorities</p>	<p>Contractors</p> <p>PCU, RC and Village authorities</p>
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7 COMPLAINTS, ISSUES, CORRECTIVE ACTION

7.1 Grievance Redress Mechanism

33. The following table gives information on complaints about the project the Project Team is aware of, during this reporting period. The table includes:

- Complaints made through GRM entry points
- Issues raised in consultation;
- Issues raised any other way that the project team is aware of.

34. For issues that have already been solved, this is confirmed in the final column of the table. Where possible the project tries to solve all issues as quickly as possible through informal discussions between the affected people and the contractor.

Table 21. Project Complaints or Issues

Details of Complaint / Issue Raised	Detail of Person (Date, Name, Contact Details)	Action Needed & Date	Comment / Resolved?
None	None	None	None

35. The following table gives information on all issues raised in previous SEMRs which are not yet resolved:

Table 22. Project Complaints or Issues – Not resolved from previous reports

Details of Complaint	Detail of Person (Date, Name, Contact Details)	Action Needed & Date	Reason this is still not resolved
None	None	None	None

7.2 Corrective Action

36. This reporting period remains in compliance as the construction work has not yet commenced.

Table 23. Corrective Action Issued

Reason for Corrective Action	Date Issued	Outcome	Comment / Follow Up
NA	NA	NA	NA

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8 CONCLUSION & RECOMMENDATION

37. Conclusion.

- In the period from November to December 2023, four out of five contractors who received contract awards underwent training on CEMP (Construction Environmental Management Plan) preparation and implementation after signing their contracts. This training was conducted by the PIC (Project Implementation Consultant) and PCU (Project Coordination Unit).
- The contractors are required to update the engineering design details and prepare the Construction Environmental Management Plan (CEMP) for submission to the PCU by January 2024 for review and approval before starting the site works.

38. Recommendations:

- The Environment Health and Safety Officer of the contractor must be full time and operational before the commencement of site work;
- The contractor CW1A and CW1B shall be conducted noise and air measurement before the commencement of site work.

Annex 1 Photo Record – Visits, Monitoring, Consultation

Photographs of Consultation



Consultation Meeting On Project Information Dissimination for CW1D and CW1A on 08 December 2023 at Haisok Temple.

Photographs of Project Information Disclosure and public awareness raising campaign



Taladsao Billboard Installed on 19th August, 2023



Taladsao Billboard Installed on 05th October, 2023



Taladsao Billboard Installation on 21st November 2023



Phonepanao LED upload file to screen on 21st August and 3rd October 2023



Wattay LED upload file to screen on 21st August and 3rd October 2023



Example of Bus Shelters installed in Wattay International Airport and Hanoi School on 19th August 2023

Photographs of workshop on CEMP preparation and implementation.



CEMP preparation and Implementation for package CW1D



Training on CEMP preparation and Implementation for package CW1E



CEMP preparation and Implementation for package CW1A, CW1B and CW1C