

Safeguards Monitoring Report

1st Semiannual Report (June to October 2017)
November 2017

Regional: Greater Mekong Subregion: Livelihood Support for Corridor Towns – Viet Nam Component

Prepared by the Project Management Unit of the Provincial People's Committee of Quang Tri
Province for the Asian Development Bank.

NOTE

- (i) In this report, "\$" refers to US dollars.

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FIRST SAFEGUARDS MONITORING REPORT



Prepared by:

**Construction Supervision Consultant - Joint venture of QCC-ASEC (on behalf of the
Project Management Unit of the Provincial People's Committee of Quang Tri Province)**

26 October 2017

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ACRONYMS AND ABBREVIATIONS

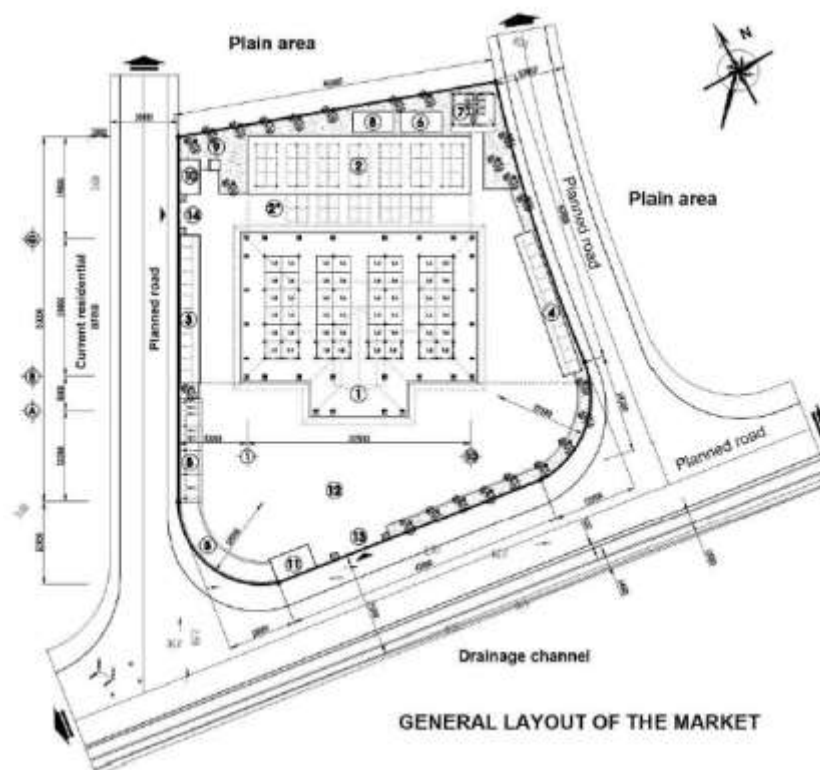
ADB	Asian Development Bank
ASEC	ASEAN Development and Management Consulting Ltd
MONRE/BTNMT	Ministry of Natural Resources and Environment (Bộ Tài nguyên Môi trường)
CS	Construction Supervision
EMP	Environmental Management Plan
QCC	Quang Tri Construction Consultant Joint-Stock Company
QCVN	Vietnamese Standard (Quy chuẩn Việt Nam)

1. Introduction and Project Overview

The Great Mekong Sub-region: Livelihood Support for Corridor Towns Project aims to pilot market development approach to poverty reduction in the Greater Mekong Sub-region (GMS). A slice of this project provides market facilities for poor informal vendors in Dong Ha city, Vietnam, that will: (i) address the lack of security and hygiene; (ii) enhance the health conditions of traders and other users; (iii) address access to customer flow, which will result in increased income; and (iv) promote quality products as a result of created and/or enhanced product value chains.

The project includes four components: (i) Component A –This component's objective is to construct new market facilities in Ward 3 of Dong Ha city; (ii) Component B – Microfinance Support for Market Vendors; (iii) Component C – Training and Awareness Campaigns; Component D – Project Management and Consulting Services. Component A is the only component with potential safeguards implications, and thus the subject of this monitoring report.

The new market will provide larger space for trading, as well as complete infrastructure for market vendors and customers. The market will provide water supply, wastewater and drainage, solid waste collection, fire safety, parking and security services. Once completed, the market will have the area of 3200 m², accommodating 200 stalls. 800 m² is for the main market house, nearly 450 m² for the roofed and outdoor catering and local specialty selling areas, 180 m² for domestic appliance selling area, 120 m² for souvenir selling house, nearly 1600 m² for parking and utility sites (water supply and drainage, toilets, waste collecting area, fire prevention and fighting system, etc).



Project Number and Title:	Project Number: 46074-001 JFPR Grant Number: 9173 Regional: Greater Mekong Subregion: Livelihood Support for Corridor Towns (Viet Nam Component)
Safeguards Category:	Environment: B Involuntary Resettlement: C Indigenous Peoples: C
Reporting period:	First environmental monitoring report (June – October 2017)
Last report date:	Not applicable (this report is the first report)
Key sub-project activities since last report:	<ul style="list-style-type: none"> • Site preparation started on 18 June 2017 (including installation of shack, water and electricity system, materials gathering). • Foundation works were completed. • The contractor is currently constructing these components: the main building; areas for daily consumer goods sale; market management office and security room. • The contractor has taken measures in accordance with the Environmental Management Plan (EMP). • Works are planned to be completed by 28 February 2018.
Report prepared by:	Construction Supervision (CS) Consultant (Joint venture of QCC-ASEC)

2. Institutional arrangements for Environment and Safety

The Provincial People's Committee of Quang Tri Province is the Executing Agency for the project. A project management unit (PMU) has been established to coordinate project implementation. The PMU includes, among others, one staff in charge of construction supervision, including environment and safety.

A Construction Supervision Consultant (CSC)¹ was contracted to supervise construction of the Dong Ha City Ward 3 Night Market. The resident engineer of the CSC is also in charge of EMP implementation supervision.

The works contractor (No. 6 Construction Joint Stock Company) has assigned one person in charge environment, health and safety (EHS).

3. Compliance with regulatory and contractual requirements

An Initial Environmental Examination (IEE) was prepared in October 2015 that complies with ADB's Safeguards Policy Statement (2009). The IEE including environmental management plan (EMP) was disclosed to affected people through ADB's project website. The EMP requirements were incorporated in the bidding document for the works contract, and are reflected in the special conditions of the works contract.

¹ Join Venture between Quang Tri Construction Consultant JSC and ASEAN Development and Management Consulting Ltd (QCC-ASEC)

The PMU registered the environmental protection plan (EPP) per Decree 18/2015/ND-CP with the Dong Ha City PC and the Quang Tri Department of Natural Resources and Environment (DONRE) on 9 December 2016.

4. Environmental Performance Monitoring

a. Summary of Compliance with EMP Requirements (Environmental Performance)

In the reporting period, the CSC's Resident Engineer conducted frequent supervisions of works, including compliance with the EMP. Environment and safety performance of the contractor was generally satisfactory. No accident or significant environmental pollution incident occurred since construction started.

However, minor non-compliances were observed, including: workers were not always equipped with adequate personal protective equipment (PPE); works at heights were not always adequately secured (guard rails and/or life harness); general housekeeping (material and waste storage) was generally poor; sanitation facilities for female and male workers were missing.

The assessment of the contractor's compliance with EMP requirements is described in the table below.

EMP Requirements	Compliance Status (Yes, No, Partial)	Comment or Reasons for Non- Compliance	Issues for Further Action
1. Minimize air pollution during construction <ul style="list-style-type: none"> - Transporting vehicles must be covered. Transport routes must be watered regularly. - Vehicles and machines must have the registry in accordance with current regulations - Regular cleaning construction site. 	Compliance Status: Yes. <ul style="list-style-type: none"> - The contractor has implemented the mitigation measures properly. - Vehicles and machineries have been registered. - Workers clean up the construction site at the end of every day. 		<ul style="list-style-type: none"> -To maintain measures to reduce air pollution. - To water more often in dry weather.
2. Wastewater management <ul style="list-style-type: none"> - Domestic wastewater of workers must be collected and treated before being discharged into outside environment. - Production wastewater must be collected, separating oil and solid matters before being discharged into outside environment. - To regularly clean up the site, limiting contaminants dissolved in rainwater. 	Compliance Status: Yes. <ul style="list-style-type: none"> - There is no workers' camp on site, so there is no domestic wastewater. - Rainwater is collected and directed through ditches and grit chambers before being discharged into outside environment. - Regular cleaning of the construction site. 		<ul style="list-style-type: none"> - To maintain current measures. - To dredge drainage ditches and manholes to reduce the amount of solids in runoff.

EMP Requirements	Compliance Status (Yes, No, Partial)	Comment or Reasons for Non- Compliance	Issues for Further Action
3. On-site safety during construction <ul style="list-style-type: none"> - To provide workers with training program on emergency response. - To equip necessary tools to response to emergency incidents. - To have first aid medicine cabinet in the camps for workers. 	Compliance Status: Partial. <ul style="list-style-type: none"> - The contractor organized training on labor safety for workers before construction. - The contractor supplied medicine cabinets and first aid cabinets for workers - PPE is not provided to/used by all workers - Works at height is not always secured. 	PPE provision must be improved, works at height must be secured.	<ul style="list-style-type: none"> - To train new workers before construction. - To check and maintain the medicine and first-aid cabinets.
4. Traffic management plan <ul style="list-style-type: none"> - To have an effective transportation plan. - To assign traffic guide staff. 	Compliance Status: Yes. <ul style="list-style-type: none"> - During material transport, the contractor has arranged the safety staff to guide the traffic. 		<ul style="list-style-type: none"> - To maintain current measures.
5. Waste management <ul style="list-style-type: none"> - To manage wastes generated during construction and operation of machineries. 	Compliance Status: Partial. <ul style="list-style-type: none"> - The contractor hired outsourced machineries; therefor, no oil wastes were generated. - During construction, there was no hazardous waste generated. 	General housekeeping needs improvement (waste collection)	<ul style="list-style-type: none"> - To maintain current measures. - To improve general housekeeping.
6. Environmental management of workers' camps <ul style="list-style-type: none"> - To build workers' camps and to ensure living conditions for workers. - To keep camp sanitation. 	Compliance Status: Partial. <ul style="list-style-type: none"> - The contractor employed local workers; therefore, no workers' camps were constructed. - There was only a small security shack. Its sanitation is assured. (See the Annex). - There are no toilets on site for workers. 	Toilet facilities for workers are missing	<ul style="list-style-type: none"> - To maintain public sanitation. - To install mobile toilet facilities for workers.

5. Issues for Further Action

Issue	Required Action	Responsibility and Timing	Resolution
Old Issues from Previous Reports - None			
New Issues from This Report			
Site safety management	<ul style="list-style-type: none"> - Training for workers. - Provide PPE for all workers. - Secure works at height (guard rail, life harness) 	As soon as possible	
Environmental sanitation at the site	<ul style="list-style-type: none"> - Remind workers regularly cleaning the site, collect waste. 	Everyday	
Ensuring traffic safety	<ul style="list-style-type: none"> - To have staff in charge of traffic guide. - Vehicles must have a valid registry. - Vehicles must be covered when transporting materials. - To clean the transporting routes. 	During transport	

6. Other activities

According to EMP, it is required to undertake sampling for environmental analysis at the construction site and the surrounding areas.

Sampling	Indicators
Air	Temperature; Humidity; Wind speed; Noise level; Total Suspended Particulate (TSP); CO; SO ₂ ; NO ₂
Surface water	pH; Temperature; TSS; COD; BOD ₅ ; DO; Oil; Coliform

Environmental Standards:

- QCVN 05:2013/BTNMT: National Technical Regulation on Ambient Air
- QCVN 26:2010/BTNMT: National Technical Regulation on Noise
- QCVN 08:2015/BTNMT: National Technical Regulation on Surface Water Quality.

Per works contract, the contractor is required per condition No. PCC 73 to conduct quarterly environmental effects monitoring throughout the construction period. The PMU will discuss with the contractor to enforce the contract. Monitoring results will be disclosed in the next monitoring report.

7. Occupational, Health and Safety (OHS) Performance Monitoring

a. OHS for workers

The contractor has conducted training sessions on safety for workers prior to commencement of construction. (List of attendants is in the Annex). Since construction started, no accident occurred.

Issue	Required Action	Responsibility and Timing	Resolution
Old Issues from Previous Reports – None			
New Issues from This Report			
Training on safety for new workers	To conduct training on safety for new workers	Contractor, prior to construction	
PPE, work at heights	To provide PPE to all workers (helmets, adequate shoes, etc); to secure works at heights	Contractor, as soon as possible	

b. Public Safety

Issue	Required Action	Responsibility and Timing	Resolution
Old Issues from Previous Reports – None			
New Issues from This Report - None			

8. Information Disclosure and Socialization including Capability Building

On 17 October 2017, CS Consultant consulted several households near the construction site. The consulted households commented that the construction contractor did not affect or interfere their activities, and there is no contradiction between local people and the contractor.

Ms Lanh (No. 99 Thanh Co Street – A household near the construction site):
 “The construction contractor has not affected or interrupted our activities. There was no conflict between workers and the local people.”

Mr Tien (No. 108 Thanh Co Street - A household near the construction site):
 “The contractor has followed the safety requirements. The transport time is appropriate. The contractor has assigned staff in charge of traffic guide. Their wastes are collected and disposed into public trash bins.”

The contractor prepared and disclosed a Works Information Board on site.



Figure: Works Information Board

9. Grievances, Grievance Redress Mechanism

Since commencement of construction to date, no complaint was filed with the PMU, the CSC or the contractor:

- Number of new grievances, if any, since last monitoring period: None
- Number of grievances resolved: None
- Number of outstanding grievances: None.

10. Conclusion and Recommendations

Conclusion:

- During construction, the Contractor has implemented environmental mitigation measures in accordance with the EMP in the bidding documents.
- The Contractor provided workers with training sessions on labor safety and hygiene before commencement of construction activities.
- The Contractor has generally complied with labor safety in construction. There was no accident during construction.
- Minor non-compliances were observed, including: workers were not always equipped with adequate personal protective equipment (PPE); works at heights were not always adequately secured (guard rails and/or life harness); general housekeeping (material and waste storage) was generally poor; sanitation facilities for female and male workers were missing.

Recommendations:

- The Contractor to continue to take environmental measures in the construction site.
- The Contractor to continue to maintain compliance with labor safety measures and provide PPE to all workers, and to secure works at heights.
- PMU to enforce works contract, requested contractor to conduct environmental effects monitoring.

11. Annex

7.1. Photographs

	
Consultation with Mr. Tien – No. 108 Thanh Co Street	Consultation with Ms. Lanh – No. 99 Thanh Co Street
	
Domestic waste is collected and gathered near Thanh Co Street	Vehicles of the contractor are registered under Vietnamese regulations
	
The trucks are covered to avoid dropping materials	Security shack and warehouse of the contractor



Materials are neatly arranged



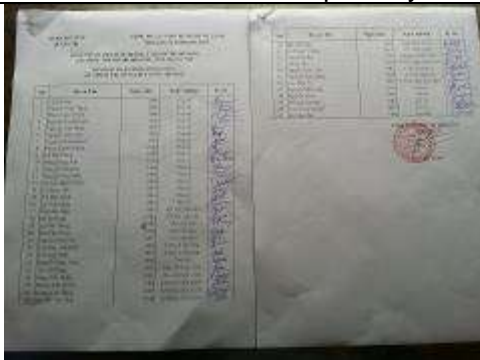
Workers use adequate labor protection



The site is cleaned up neatly



Site safety signs and fire extinguishers on site



List of workers trained on labor safety before construction



First aid cabinet is equipped for workers



Construction diaries of the contractor



Environmental contents in construction diaries