

Environmental Monitoring Report

Semi-annual Report
(January - June 2020)

July 2020

Viet Nam: Productive Rural Infrastructure Sector Project in the Central Highlands

Prepared by the Central Project Management Unit for the Ministry of Agriculture and Rural Development, and the Asian Development Bank

CURRENCY EQUIVALENTS

(as of 30 December 2019)

Currency unit	–	Vietnamese Dong (VND)
VND 1.00	=	\$0.00004327
\$1.00	=	VND 23,110 (transfer price)

ABBREVIATIONS

ADB	Asian Development Bank
CPMU	Central Project Management Unit
CSC	Construction Supervision Consultant
DONRE	Department of Natural Resources and Environment (provincial)
EMP	Environmental Management Plan
PRI CHP	Productive rural infrastructure Sector Project in the Central Highlands
IEE	Initial Environmental Examination
LIC	Loan Implementation Consultants
MONRE	Ministry of Natural Resources and Environment
PPMU	Provincial Project Management Unit
UXO	Unexploded Ordinance

WEIGHTS AND MEASURES

dB(A)	–	Decibel (weighted average)
ha	–	Hectare
kg/d	–	kilogram per day
km	–	Kilometer
km ²	–	square kilometer
m	–	Meter
m ²	–	square meter
m ³	–	cubic meter
m ³ /d	–	cubic meters per day
m ³ /s	–	cubic meters per second
mg/m ³	–	milligrams per cubic meter
mm	–	Millimeter

NOTE

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

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I. INTRODUCTION

a. Project objective and background

1. The Productive Rural Infrastructure Development Project in the Central Highlands (the Project) is financed by an ADB loan of SDR53, 041,000 (\$80 million equivalent at the approval date). The ADB loan was approved on 25 September 2013. The Loan Agreements were signed on 16 October 2013 and became effective on 17 January 2014 with the closing date of 30 June 2019. The Project aims to regenerate and upgrade existing but underdeveloped or outdated productive rural infrastructure (PRI). It targets areas with good agricultural productive potential and with existing irrigation schemes. The PRI investments include irrigation infrastructure and associated rural access infrastructure. The project is being carried out in Viet Nam's Central Highland Provinces (CHPs) of Dak Lak, Dak Nong, Gia Lai, Kon Tum, and Lam Dong.

2. The project objective is to increase rural incomes and sustained livelihoods in the CHPs. The project outcome is to improve rural and agricultural productivity with improved access to, and use of, water, materials, knowledge, production inputs and markets. The project has three main outputs: (i) improved PRI with activities carried out by implementing subprojects; (ii) enhanced capacity to develop, manage, and use PRI, with activities in all subprojects; and (iii) efficient project management.

3. The executing agency (EA) for the Project is the Ministry of Agriculture and Rural Development (MARD), which has appointed the Agricultural Projects Management Board (APMB) to oversee the implementation of the Project. The implementing agencies (IAs) for infrastructure subprojects are the respective provincial peoples' committees (PPCs) of the 5 participating provinces. A Central Project Management Unit (CPMU) established within APMB, is responsible for project implementation at the national level. At provincial level, day to-day management is the responsibility of provincial project management units (PPMUs) established by PPCs of participating provinces within the provincial Departments of Agriculture and Rural Development (DARDs).

b. Report Purpose and Rationale

4. This report is the fifth environmental monitoring report on the Productive Rural Infrastructure Development Project in the Central Highlands (the Project) covering the period of July to December 2019. It is prepared by Central Project Management Unit (CPMU) to comply with "Environmental Assessment and review Framework" (EARF) and sub-projects Initial Environmental Examination (IEEs). It documents the implementation of the Environmental Management Plan (EMP) and the results of the Environmental Monitoring for all the ongoing civil works of the Project. The report covers:

- Environmental capacity building activities conducted during the period;
- Status of compliance with ADB environmental loan covenants and with the environmental requirements of the Government of Vietnam during the report period;
- Status of implementation of the environmental mitigation measures during the report period based on the IEE and EMPs and CEMPs, including documentation of complaints received and corresponding action/resolution; and
- Results of the environmental monitoring of the Community Supervision Boards.

II. PROJECT IMPLEMENTATION PROGRESS (PHYSICAL PROGRESS OF THE PROJECT AND SUBPROJECTS)

a. Subproject Status under construction

5. Up to the end of June 2020, there are 37 subproject construction packages currently active. The status of subproject construction packages by province is shown in Table 1 (Subproject Status by Province).

Table 1: Subproject Status by Province

No	Province	Name of subproject	No. of Packages started	No. of Packages completed	No. of Packages on going
1	Kon Tum	5 subprojects + 1 Additional work	10	10	0
		Upgrade Dak S'Nghe irrigation system and productive rural infrastructure in Tan Lap Commune	2	2	0
		Repair and upgrade Dak Dam irrigation system and productive rural infrastructure in Kon Vang Commune	2	2	0
		Repair and upgrade an irrigation system in Kon Trang Kla/ Dak Trit and rural infrastructure in Dak La	3	3	0
		Repair and upgrade Dak Kit irrigation system and productive rural infrastructure in Dak Mon Commune	1	1	0
		Repair and upgrade an irrigation system in Kon Trang Kla/ Dak Trit and rural infrastructure in Dak La – <i>Additional work</i>	1	1	0
		Repairment, upgrading Lung Lau irrigation work and rural infrastructure in Sa Son Commune, Sa Thay district.	1	1	0
2	Lam Dong	5 subprojects	7	7	0
		Repair / Upgrade Da Teh irrigation system	1	1	0
		Upgrade East and West Di Linh irrigation systems and flood bypass road in Ka La reservoir and productive infrastructure in Di Linh district	2	2	0
		Repair/ Upgrade productive rural infrastructure in Lac Xuan and Tu Tra Communes-Don Duong District	2	2	0
		Solidification of Canal of Da Don irrigation System Subproject	1	0	1
		Da Teh sub-project: Repairing and upgrading additional canals of Da Teh irrigation scheme subproject	1	0	1
3	Gia Lai	4 subprojects	9	9	0
		Upgrade irrigation infrastructure in M'La Irrigation system in Krong Pa District	4	4	0
		Upgrade/ Complete Nghia Hung Irrigation system; rural roads in Tan Son & Chu Jo Communes	2	2	0
		Upgrade A Dok/ Dak Doa irrigation system; associated rural roads in Adok commune and Dak Doa town, Dak Doa district	2	2	0
		Repairing, upgrading irrigation works at Tan Hoi, An Quy pump stations, and Ha Tam reservoir in Dak Po district	1	1	0

No	Province	Name of subproject	No. of Packages started	No. of Packages completed	No. of Packages on going
4	Dak Lak	5 subprojects + 3 Additional work	9	9	0
		Repair and upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system	2	2	0
		Repair/ Upgrade Ea Kao irrigation system for the production area in 3 communes and two wards of Buon Me Thuat City	1	1	0
		Repair / Upgrade productive rural infrastructure in Krong Nang district	2	2	0
		Repairing and Upgrading Buon Tria- Buon Triet Productive Infrastructure Subproject	1	1	0
		Repairment, upgrading irrigation system for coffee in the public-private partnership in Tien Cuong village, Quang Tien commune, Cu M'Gar district	1	1	0
		Repair and upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system- <i>Additional work</i>	1	1	0
		Repair/ Upgrade Ea Kao irrigation system for the production area in 3 communes and two wards of Buon Me Thuat City- <i>Additional work</i>	1	1	0
		Repair / Upgrade productive rural infrastructure in Krong Nang district- <i>Additional work</i>	1	1	0
5	Dak Nong	6 subprojects	7	7	0
		Repair and upgrade irrigation system in Krong No	1	1	0
		Repair and upgrade irrigation system in Cu Jut	1	1	0
		Repair and upgrade irrigation system in Quang Loc, hamlet 2 in Dak Sin, Dak RLap District	1	1	0
		Repairing and Upgrading Gia Nghia Town Irrigation System Subproject	1	1	0
		Investment and upgrading infrastructure for the aquaculture variety center in Dak Mil District	1	1	0
		Upgrading, Improving Dak Dro Irrigation Canal System, Dak Nong Province	1	1	0
		Repair and upgrade irrigation system in Quang Loc, hamlet 2 in Dak Sin, Dak RLap District- <i>Additional work</i>	1	1	0
Tot al	Whole the sub projects	25 subprojects + 5 Additional work	42	42	0

Remark:

- The number completed and the number currently active at the end of the reporting period is derived from the most recent provincial quarterly reports and all provincial quarterly reports are reviewed & approved by CPMU with supported by LIC
- 42 subproject construction packages included: Repairing and upgrading inter commune & commune road, Upgrading & lining Irrigation canal scheme

b. Compliance with environment related project covenants

List all environment related loan covenants, and assess project's compliance with the covenants (Table format is appropriate, with concluding statement on compliance or non-compliance, and corrective actions as needed)

Table 2: Checklist on EMP compliance with Loan Covenant

No	Loan Covenants	Compliance Status
Particular Covenants		
Environment		
1	The Borrower shall ensure and cause the Project Provinces to ensure that the preparation, design, construction, implementation, operation and decommissioning of each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health, and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the respective IEE and EMP, and any corrective or preventive actions set forth in a Safeguards Monitoring Report. [Loan Agreement, Schedule 5, para. 2]	Complied with. The preparation and design of each Subproject and all Project facilities are being complied with (a), (b), (c) and (d).
2	The Borrower shall further ensure that (a) no Subprojects with significant adverse environmental impacts are financed under the Project; and (b) Subprojects are carried out in accordance with environmental assessment procedures provided in the EARF as agreed between the Borrower and ADB. [Loan Agreement, Schedule 5, para. 3]	Complied with for (a) and (b) All IEEs are approved by ADB and CPMU and Subprojects are carried out in accordance with environmental assessment procedure provided in the EARF
3	The Borrower shall make available and cause the Project Provinces to make available necessary budgetary and human resources to fully implement the EMPs [Loan Agreement, Schedule 5, para. 8]	Complied with. Environment Safeguards officers at CPMU and PPMU, and Environmental Safeguards Specialist at LIC
4	The Borrower shall ensure and cause the Project Provinces to ensure that all bidding documents and contracts for Works contain provisions that require contractors to: (a) comply with the measures and requirements relevant to the contractor set forth in the respective IEEs, EMPs, RPs and EMDPs (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set out in a Safeguards Monitoring Report; (b) make available a budget for all such environmental and social measures; (c) provide the Borrower, through the respective Project Provinces, with a written notice of any unanticipated environmental, resettlement or ethnic minority risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP, the RP or the EMDP; (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and [Loan Agreement, Schedule 5, para. 9]	Complied with for (a), (b), (c), and (d)

III. SUMMARY OF ENVIRONMENT MONITORING RESULT OF PROJECT

a. Institutional Responsibilities and Internal environmental management system

Environmental Monitoring Programs

6. General environmental safeguard monitoring with associated Grievance Redress Mechanism is undertaken, by construction supervision consultant and environmental specialist under LIC during construction phase and by Operating Companies during operation phase, to ensure that the required policies and procedures and plans for minimization of negative environmental impacts. Environmental monitoring programs have been developed in terms of environmental effects monitoring and environmental compliance monitoring;

7. Environmental effects monitoring is carried out to examine impacts of the subproject in relation to ambient environmental conditions e.g. ambient air, noise, sensitive water bodies, soil and groundwater and sensitive ecosystems etc...

8. Environmental compliance monitoring is carried out to test compliance with operating procedures, technical standards and/or contractor specifications in the EMP e.g. the safety during construction, construction worker camp sanitation and hygiene conditions, wastes including hazardous disposal practices during construction, erosion control etc....

9. The environmental monitoring programs have been developed to reflect the generally low level of environmental impact expected to arise from subproject implementation. Monitoring methods is mainly observation and community consultation, equipment to measure is applied if high air, noise, water quality pollution was observed the predicted level of environmental impact.

10. The relevant stakeholders need to ensure the EMP implementation as their responsibilities. CPMU, PPMUs, CSCs and CCs of 5 provinces (Dak Lak, Dak Nong, Gia Lai, Kon Tum, Lam Dong) appointed officers/staffs to be in charge of environmental management, (see Table 2)

Table 3: Internal environmental management system of Productive rural infrastructure Sector Project in the Central Highlands

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
	Kon Tum (10 packages)									
1	Dak Snghe Subproject	KT02 Upgrade Dak S'Nghe irrigation system and productive rural infrastructure in Tan Lap Commune KT02-XL03 Dak Snghe Sub-project: Repairing, upgrading the rural roads in Tan Lap commune (1 Lot) dated:19/8/2016 completion date: 25/11/2017	Dak Snghe Sub-project: Repairing, upgrading the rural roads in Tan Lap commune	+Name: joint venture of 16 - 3.JSC and Thanh An Investment and Construction Joint Stock Company + Address: Lot 45, National Road 24, High density townhouse Mall center, Mang Den Village, Dak Long Commune, Kon Plong District, Kontum province and National Road 24, Truong Chinh ward, Kon Tum City, Kon Tum province.	19/8/2016	25/8/2016	Mr Ho Van Hung / Kon Tum PPMU	Mr Phan Dinh tai/ Nhat Nguyet Consultant and Construction Co.,Ltd	Mr Tuong Dang Thanh	▪ Completed :100% December 2017
2	Dak Snghe Subproject	KT02 Upgrade Dak S'Nghe irrigation system and productive rural infrastructure in Tan Lap Commune KT02-XL04 Dak Snghe Sub-project: Repairing, upgrading irrigation works and operation road for irrigation system (1 Lot) dated:19/8/2016 completion date: 25/11/2017	Dak Snghe Sub-project: Repairing, upgrading irrigation works and operation road for irrigation system	Name: Joint venture of Bac Phuong Company Limited and Thanh Binh Company Limited. Address: and “Huynh Dang Tho street, Kon Tum City, Kon Tum Province”.	19/8/2016	25/8/2016	Mr Ho Van Hung / Kon Tum PPMU	Mr Nguyen Van Dung/ Hai Hung JSC	Mr Bui Tan Sinh	▪ Completed :100% December 2017
3	Dak Dam Subproject	KT03 Repair and upgrade Dak Dam irrigation system and productive rural infrastructure in Kon Vang Commune	Lot 1: Segment from K1+440,81÷ K4+460,4 and sub-roads of N4, N5, N5A, N6, N6A and N7, total length of 5.45km	Name: joint venture of 119 Trading and Construction investment Joint Stock Company and Tu Sen Company Limited.	03/8/2016	25/8/2016	Mr Ho Van Hung / Kon Tum PPMU		Mr Nguyen Van Quy	▪ Completed: Lot 1: 100 % Lot 2: 100 % December 2017

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		KT03-XL05 Dak Dam Sub-project: Repairing, upgrading 8.29 km of rural roads – class A, C (2 Lots) dated:03/8/2016 completion date: 25/11/2017		- Address: “No 234 Su Van Hanh street, Kon Tum City, Kon Tum province” and” Hamlet 1, Dakrong Town, Kon Ray District, Kon Tum Province”				Mr Le Ngoc Khoa/ TKG Kon Tum Construct ion Co. Ltd		
			Lot 2: Segment from K0+00÷K1+440,81 and sub-roads N1, N1A, N1B, N2 and N3, total length of 2.80 km	Name: Kon Tum Bridge – Road Investment & Construction JSC Add: No 568 Duy Tan Road, Truong Chinh Ward, Kon Tum City, Kon Tum Province	03/8/2016	25/9/2016	Mr Ho Van Hung / Kon Tum PPMU	Mr Le Ngoc Khoa/ TKG Kon Tum Construct ion Co. Ltd	Mr Tran Thanh Huy	
4	Dak Dam Subproject	KT03 Repair and upgrade Dak Dam irrigation system and productive rural infrastructure in Kon Vang Commune KT03-XL06- Dak Dam Sub-project: Repairing, upgrading irrigation works and operation road for irrigation system of Dak Dam (1 lot) dated:18/8/2016 completion date: 04/12/2017	Dak Dam Sub-project: Repairing, upgrading irrigation works and operation road for irrigation system of Dak Dam	+ Name: Tan Binh Company Limited + Address: “Road 14B, Dak Pek commune, Dak Glei District, Kon Tum Province”	18/8/2016	04/9/2016	Mr Ho Van Hung / Kon Tum PPMU	Mr Huynh Sau/ Nam Long Construct ion and Consulta nt Co. Ltd	Mr Bui Vinh Thuc	<ul style="list-style-type: none"> Completed: 100 % December 2017
5	Dak Trit Subproject	KT01 Repair and upgrade an irrigation system in Kon Trang Kla/ Dak Trit and rural infrastructure in Dak La	Lot 1: Segment from K1+440.81 ÷ K4+460.4 and sub-canal of N4, N5, N5A, N6, N6A and N7 with total length of 6.2km	+ Name: joint venture of Dong Anh Company Limited and Nguyen Minh Kon Tum Company Limited + Address: “No 16, Phan Dinh Phung Street, Quiet Thang Ward, Kon Tum	25/01/2017	22/02/2017	Mr Ho Van Hung / Kon Tum PPMU	Mr Nguyen Khanh Tung/ Dai Minh Constructio n and	Mr Bui Ngoc Thuy	<ul style="list-style-type: none"> Completed: 100 % June 2018

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		KT01-XL01 Dak Trit Sub-project: Repairing, upgrading rural roads in Dak Trit commune (3 Lost) dated 25/01/2017		City, Kon Tum Province" and "No 72, Nguyen Truong To Street, Duy Tan Ward, Kon Tum City, Kon Tum Province"				Consultant Co. Ltd		
			Lot 2: Segment from K0+000÷K1+440,81 and sub-canals of N1, N1A, N1B, N2 and N3 with total length of 5,2km	- Name: Joint venture of Tan Hung Joint Stock Company and Nhat Quang Construction Company Limited. - Address: No 41- Phan Chu Trinh street, Kon Tum City, Kon Tum Province" and "Quarter 3 - Chu Pah District - Gia Lai"	25/01/2017	22/02/2017	Mr Ho Van Hung / Kon Tum PPMU	Mr Nguyen Khanh Tung/ Dai Minh Consultant and Construction Co. Ltd	Phan Thanh Xuan	
	Dak Trit Subproject		Lot 3: Segment from K4+749.2÷ K7+951.24 with total length of 3.2km	- Name: Joint venture of Viet Truc Private business and Sao Mai Construction Limited Company - Address: "Group 11, Phu Dong Ward, Pleiku City, Gia Lai Province" and "No 20, Ly Thuong Kiet Street, Quyet Thang Ward, Kon Tum City, Kon Tum Province"	25/01/2017	22/02/2017	Mr Ho Van Hung / Kon Tum PPMU	Mr Nguyen Khanh Tung/ Dai Minh Consultant and Construction Co. Ltd	Mr Phan Tran	
6	Dak Trit Subproject	KT01 Repair and upgrade an irrigation system in Kon Trang Kla/ Dak Trit and rural infrastructure in Dak La KT01-XL07 Upgrade of 1.63km of canals and culverts under the irrigation work of Kon Trang Kla (1 lot) dated 25/01/2017	Upgrade of 1.63km of canals and culverts under the irrigation work of Kon Trang Kla	- Name: Joint venture of Kim Nguyễn Kon Tum Company Limited and Construction Co. Ltd No.6 and Nguyen Binh One Member Co., Ltd - Address: "No 236, Bac Can Street. Thang Loi Ward, Kon Tum City, Kon Tum Province"; "No 09A, Nguyen Trung Truc Street, Duy Tan Ward, Kon Tum City, Kon Tum Province" and "No 317, U Re Street, Truong Chinh	25/01/2017	22/02/2017	Mr Ho Van Hung / Kon Tum PPMU	Mr Bui Cong Lu/ Joint venture of Kon Tum Rural and Agricultural Construction Consultant JSC and Phu Giang Investment	Mr Nguyen Quang Hien	▪ Completed :100% June 2019

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
				Ward, Kon Tum City, Kon Tum Province"				and Construction Consultancy Co. Ltd		
7	Dak Trit Subproject	KT01 Repair and upgrade an irrigation system in Kon Trang Kla/ Dak Trit and rural infrastructure in Dak La KT01-XL02 Construction of new flood spillway, stabilization of rear barrage of Daktarin and upgrade of 290m of rural road - class A segment from K4+460,4÷K4+749,2 (1Lot) dated 21/3/2017	Construction of new flood spillway, stabilization of rear barrage of Dak Trit and upgrade of 290m of rural road - class A segment from K4+460,4÷K4+749,2	Name: Joint venture of Thanh Hoa Agricultural development construction corporation and Nhat A Chau Co, Ltd Address: No 303, Ba Trieu Road, Ham Rong Ward, Thanh Hoa City, Thanh Hoa Province; Group No 5, Nguyen Trai Ward, Kon Tum City, Kon Tum Province	21/3/2017	3/4/2017	Mr Ho Van Hung / Kon Tum PPMU	Mr Bui Cong Lu/ Joint venture of Kon Tum Rural and Agricultural Construction Consultant JSC and Phu Giang Investment and Construction Consultancy Co. Ltd	Mr Tran Luc	■ Completed :100% June 2019
8	Dak Kit Subproject	Repairing, upgrading Dak Kit irrigation system and rural infrastructure in Dak Mon Commune, Dak G'lei district (2 lots) KT04-XL08	Lot 1: Upgrading rural road & drainage system	Name: joint venture of 119 Trading and Construction investment Joint Stock Company and Tu Sen Company Limited. Address: "No 234 Su Van Hanh street, Kon Tum City, Kon Tum province" and" Hamlet 1, Dakrong Town, Kon Ray District, Kon Tum Province"	4/4/2018	14/4/2018	Mr Ho Van Hung / Kon Tum PPMU	Mr Bui Cong Lu & Mr Vo Van Hau / Joint venture of Kon Tum Rural and Agricultural Construction Consultant JSC and Minh Long Company Limited	Mr Tran Dinh Phung	■ Completed :100% June 2019
			Lot 2 : Construction of spillway, upgrading of canals and management road	Name : Tuan Dung Company Limited Address: 325 Phan Dinh Phung, Kon Tum City, Kon	4/4/2018	7/5/2018	Mr Ho Van Hung / Kon Tum PPMU		Mr Dinh Tien Quan	

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
				Tum Province						
9	Lung Lau Subproject	Repairment, upgrading Lung Lau irrigation work and rural infrastructure in Sa Son Commune, Sa Thay district KT05-XL09 (2 Lots)	Lot 1 : Repairing and upgrading Lung Lau irrigation system	Name : Joint venture of 16/3 Joint Stock Company and Thanh An Construction & Investment Joint Stock Company Address : Lot 45, National Road 24, High density townhouse Mall center, Mang Den Village, Dak Long Commune, Kon Plong District, Kontum province and National Road 24 , Truong Chinh ward ,Kon Tum City, Kon Tum province.	16/10/2018		Mr Ho Van Hung / Kon Tum PPMU	Mr To Dong San / Nhat Nguyet Consultant and Construction Co. Ltd	Mr La Hoang Thien	<ul style="list-style-type: none"> Completed Lot 1 :100% Lot 2 : 100% June 2019
			Lot 2 : Repairing and upgrading Sa Son Commune rural transportation	Name : joint venture of Kon Tum Tien Dung Trading & Construction - Investment Ltd Company and 119 Trading and Construction investment Joint Stock Company and Tu Sen Company Limited. Address : No 8 Pham Van Dong Road, Le Loi Ward, Kon Tum City						
10	Dak Trit Subproject	Repair and upgrade an irrigation system in Kon Trang KLa/ Dak Trit and rural infrastructure in Dak La-Additional work (KT01 - XL04)	Upgrading Irrigation – Drainage Combined Canal of Kon Trang KLa Irrigation System	Name : Joint venture of Thanh Hoa Agricultural development construction corporation and Nhat A Chau Co, Ltd Address : No 303, Ba Trieu Road, Ham Rong Ward, Thanh Hoa City, Thanh Hoa Province; Group No 5, Nguyen Trai Ward, Kon Tum City, Kon	15/1/2020	01/2/2020	Mr Ho Van Hung / Kon Tum PPMU	Mr Bui Cong Lu/ Joint venture of Kon Tum Rural and Agricultural Construction Consultant JSC and Phu Giang Investment	Mr Tran Luc	<ul style="list-style-type: none"> Completed : 100% CEMP was prepared by contractors and approved PPMU The weekly, monthly environmental safeguard monitoring reports by contractors,

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
				Tum Province				and Construction Consultancy Co. Ltd		CSCs is rather good quality
Lam Dong (7 packages)										
1	Da Teh Subproject	LD01 Repair / Upgrade Da Teh irrigation system D01-XL01 Repairing, upgrading canals system of Da Teh irrigation work, Da The district (3 Lots) dated 29/11/2016	Lot 1: Reinforce 2.82 km of Main canal section from C0 to C41 (intersection point with inter-district roads)	Name: Joint venture of Lam Hong & Truong An Construction Limited Liability Company Address: No 570, National Road 20, Lien Nghia Town, Duc Trong District, Lam Dong Province" and "No 259, Street 19/4, Xuan An Ward, Phan Thiet City, Binh Thuan Province"	29/11/2016	14/02/2017	Mr Dao Van Dung	Mr Doan Duc Thanh/ Ho Hung Thinh Co. Ltd	Mr Dang Van Tuan	<ul style="list-style-type: none"> Completed Lot 1 :100% Lot 2 : 100% Lot 3 : 100%
			Lot 2 : reinforce 3.03 km of Main canal section from C43 to KC	Name: Joint venture of Thanh Dat Company and Nam Long Company Address: "Hamlet 10, Dam Bri commune, Bao Loc City, Lam Dong Province" and "Quarter 3A, Da Teh town, Da Teh District, Lam Dong Province"	29/11/2016	21/02/2017	Mr Dao Van Dung	Mr Bui Duc Du/ Central Highlands irrigation construction consultancy Co. Ltd	Mr Dang The Dung	
	Da Teh Subproject		Lot 3: Repairing, upgrading 5 km of South canals system and road along right side of South Canal section from K0 to KC	Name: Huy Hoang One Member-Limited Liability Company Address: No 20, Street 11, Dong Thanh Ward, Ninh Binh City, Ninh Binh Province.	29/11/2016	21/02/2017	Mr Dao Van Dung	Mr Tran Van Vung/ Central Region Institute of Training and Applied Science	Mr Pham Anh Tuan	
2	Di Linh Subproject	LD02 Upgrade East and West Di Linh	Lot 1: Upgrade of	Name: Joint venture of Lam Hong Construction Company Limited and	24/01/2017	14/02/2017	Mr Dinh Thanh Trung	Mr Tran Anh Tuan/	Mr Nguyen Dinh Hai	

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		irrigation systems and flood bypass road in Ka La reservoir and productive infrastructure in Di Linh district LD02-XL02 Upgrading irrigation reservoirs of Tay Di Linh, Dong Di Linh and rural roads through the peal of Dong Di Linh lake. (2 Lots) dated 24/01/2017	Dong Di Linh Reservoir and the operation road.	26/3 General Construction Company Limited. Address: "No 570, National Road 20, Lien Nghia Town, Duc Trong District, Lam Dong Province" and " No 146, Huynh Thuc Khang Street, Ward 2, Bao Loc City, Lam Dong Province" + Name: Binh Thuan Infrastructure Development Construction Joint Stock Company + Address: "No 120, Tran Quy Cap Street, Duc Long Ward, Phan Thiet City, Binh Thuan Province"				Red River Construction Consultancy Co. Ltd		▪ Completed Lot 1 : 100% Lot 2: 100% June 2019
	Di Linh Subproject		Lot 2 : Upgrade of Tây Di Linh Reservoir	Name: Joint venture of Lam Hong Construction Company Limited and 26/3 General Construction Company Limited. Address: "No 570, National Road 20, Lien Nghia Town, Duc Trong District, Lam Dong Province" and " No 146, Huynh Thuc Khang Street, Ward 2, Bao Loc City, Lam Dong Province"	24/01/2017	14/02/2017	Mr Dinh Thanh Trung	Mr Nguyen Manh Hung/ Yen Son Co. Ltd	Mr Ly Minh Hai	
3	Di Linh Subproject	LD02 Upgrade East and West Di Linh irrigation systems and flood bypass road in Ka La reservoir and	Upgrade 0.7 km of the bypass rural road of Ka La lake and the related facilities on the road	Name: Joint venture of 501.1 One Member Co., Ltd and Son Thuy Kim Co., Ltd -Address: " No 63 Huynh Thuc Khang, Kon Tum City, Kon Tum Province"	24/01/2017	21/02/2017	Mr Dinh Thanh Trung	Mr Pham Van Bac/ Investment Construction Co. Ltd No.18	Mr Hoang Van Duc	▪ Completed :100% June 2019

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		productive infrastructure in Di Linh district LD02-XL03:- Upgrading irrigation reservoirs of Tay Di Linh, Dong Di Linh and rural roads through the peal of Dong Di Linh (1 Lot) dated 24/01/2017		and “ No 32E, Ly Tu Trong, Tay Son Ward, Pleiku City, Gia Lai Province”.						
4	Don Duong Subproject	LD03 Repair/ Upgrade productive rural infrastructure in Lac Xuan and Tu Tra Communes-Don Duong District LD03-XL04: Repairing, upgrading Cong Doan reservoir and rural road type A in Tu Tra commune (Don Duong) (1 Lot) dated 24/01/2017	LD03-XL04: Don Duong Sub-project: Repairing, upgrading irrigation facility of Cong Doan lake and rural road – class A in Tu Tra commune	Name: Joint venture of Hoang Manh Trading and Construction Co., Limited, My Phong Trading and Construction investment Co., Limited and Hung Nguyen Co., Limited. Address: “T21, An Son, Ward 4, Da Lat City, Lam Dong Province”; No 52, Mac Dinh Chi, Ward 4, Da Lat City, Lam Dong Province” and “ No 5/E21, Nguyen Dinh Chieu, Ward 9, Da Lat City, Lam Dong Province”.	24/01/2017	21/02/2017	Mr Cao Xuan Hoa	Mr Ha Thanh Hai/ Joint venture of Ma River Design and Construction Consultancy Co. Ltd and A.S.T Central Highlands Construction Consultancy JSC	Mr Ha Duc Long	▪ Completed: 100%
5	Don Duong Subproject	LD03 Repair/ Upgrade productive rural infrastructure in Lac Xuan and Tu Tra Communes-Don Duong District LD03-XL05: Repairing, upgrading Tan Hien reservoir and rural road Class A in Lac	LD03-XL05: Repairing, upgrading Tan Hien reservoir and rural road Class A in Lac Xuan commune	Name: Joint venture of Hoang Manh Trading and Construction Co., Limited, My Phong Trading and Construction investment Co., Limited Address: “T21, An Son, Ward 4, Da Lat City, Lam Dong Province”; “No 52, Mac Dinh Chi, Ward 4, Da Lat City, Lam Dong Province”	24/01/2017	21/02/2017	Mr Cao Xuan Hoa	Mr Nguyen Hoang Hiep/ ADC Construction Consultancy Co. Ltd	Mr Nguyen Van Rang	▪ Completed : 100%

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		Xuan commune (1 Lot) dated 24/01/2017								
6	Solidification of Canal of Da Don irrigation System Subproject	LD04-XL06: Da Don sub-project: Solidification of canal system of Da Don irrigation works, Lam Ha district (1 Lot)	LD04-XL06: Da Don sub-project: Solidification of canal system of Dak Don irrigation works, Lam Ha district	Name: Huy Hoang One Member-Limited Liability Company Address: No 20, Street 11, Dong Thanh Ward, Ninh Binh City, Ninh Binh Province.	10/9/2018	15/09/2018	Mr Ninh Tri Vien	Mr Tran Van Vung / Central Region Institute of Training and Applied Science	Ms Nguyen Thi Hong	<ul style="list-style-type: none"> Completed : 100% Comments from ADB Mission Contractors to clean up sites and ensure environment recovery at Da Don headwork Contractors to install some stairs in the trapezoid canal in Da Don subproject Contractor to install warning signs and fences to ensure community safety in Da Don canal construction site <p>Actions taken</p> <ul style="list-style-type: none"> The contractors have been cleaned up sites and ensured environment recovery at Da Don head work The contractor have been installed stairs in the trapezoid canal in Da Don subproject The contractor of Da Don subproject have been installed warning signs and fences to ensure community safety in Da Don canal site in Jan 2020
7	Repair & Upgrade	LD05-XL07: Da Teh sub-project:	LD05-XL07: Da Teh sub-project:	Name: Joint Venture of Hanoi Construction	19/12/2018		Mr Ninh Tri Vien	Mr Nguyen Quang	Mr Tran Cong	<ul style="list-style-type: none"> Completed : 100%

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
	Da Teh irrigation works system	Repairing and upgrading additional canals of Da Teh irrigation scheme subproject (1 Lot)	Repairing and upgrading additional canals of Da Teh irrigation scheme subproject	Investment Joint Stock Company-Ha Phuong Company – Phuong Hoang Mai Co. Ltd Address: Room 306, Building B1, Nghia Tan Living Quarter, Nghia Tan Ward, Cau Giay District, Hanoi City				Thanh/ Joint venture of Red River Construction Consultancy Co. Ltd and Investment Construction Co. Ltd No.18	Phuong	
Gia Lai (9 packages)										
1	la ML'a Subproject	GL02-XL03.IAM'La: la M'La Sub-project: Repairing, upgrading 31 canals and the related facilities (1 Lot)	GL02-XL03.IAM'La: la M'La Sub-project: Repairing, upgrading 31 canals and the related facilities	Name: Dong Son one-member Limited Liability Address: “ No.96,Au Co Street, Thang Loi Ward, Pleiku City, Gia Lai Province	24-5-2017	16-1-2018	Mr Cao Xuan Hoa	Mr Le Khac Nam / Tan Viet Construction & Consultant Co Ltd	Mr Le Thanh Lam	▪ Completed: 100% December 2018
2	la ML'a Subproject	GL02-XL04.laM'La: la M'La Sub-project: Repairing, upgrading 19 canals and the related facilities (2 Lot)	Lot 1: Repairing, upgrading 10 canals and the related facilities, including: N27-1; N27-2; N27-2-1; N27-2-1-3; N27-2-1-4; N27-2-1-6; N27-2-1-1; N27-2-1-2; N27-3; N29-1-1	Name: Joint venture of Gia Lai Irrigation Construction Joint Stock Company & Duc Thuan one-member Limited Liability Company Address: “ No.257 Pham Van Dong, Thong Nhat Ward, Pleiku City, Gia Lai Province	24-5-2017	16-1-2018	Mr Cao Xuan Hoa	Mr Le Khac Nam / Tan Viet Construction & Consultant Co Ltd	Mr Nguyen Duc Thuan	▪ Completed: 100% December 2018
			Lot 2: Repairing, upgrading 09 canals and the related facilities, including: N29-1; N29-1-4; N29-2; N29-2-1; VC10; VC11; VC12; N31-1; N29-1-1-1	Name: Joint venture of Thanh Hoa Agricultural Development & Irrigation Construction Cooperation & Dong Son one-member limited liability Company Address: No 303, Ba Trieu Road, Ham Rong Ward, Thanh Hoa City	24-5-2017	16-1-2018	Mr Cao Xuan Hoa	Mr Le Khac Nam / Tan Viet Construction & Consultant Co Ltd	Mr Duong Van Chan	
3			GL02-XL05.IAM'La: la	Name: Joint venture of	24-5-2017	15-5-	Mr Cao Xuan	Mr Le		▪ Completed: 100%

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		GL02-XL05.IAM'LA: la M'La Sub-project: New construction of 7 canals with total capacity of F>20ha by new technology of ready slim-wall concrete and the related facilities (N11-13, N11-V1, N11-14, N11-14-1, N11-14-4, N11-13-1, N11-14-4a) (1 Lot)	M'La Sub-project: New construction of 7 canals with total capacity of F>20ha by new technology of ready slim-wall concrete and the related facilities (N11-13, N11-V1, N11-14, N11-14-1, N11-14-4, N11-13-1, N11-14-4a)	Tan Viet Construction Investment Consultant Company & Quang Anh Construction Design Consultant Limited Liability Company Address: No171 Hai Ba Trung , Group 9, Dien Hong Ward , Pleiku City, Gia Lai Province		2018	Hoa	Khac Nam / Tan Viet Construction & Consultant Co Ltd		December 2018
4		GL02-XL06.IAM'LA: la M'La Sub-project: Repairing, upgrading 5.5km rural road – class B	GL02-XL06.IAM'LA: la M'La Sub-project: Repairing, upgrading 5.5km rural road – class B	Name: Joint venture of Hoang Duc Sang Trade Construction Joint Stock Company & Phuc Thinh Hoang Construction Investment Joint Stock Company Address: No 25 Ly Nam De, Tra Ba Ward, Pleiku City, Gia Lai Province			Mr Cao Xuan Hoa	Mr Le Huu Ty / Quang Anh Design Consultant Co Ltd	Mr Pham Hoang Tien & Mr Nguyen Minh Phuc	▪ Completed: 100% December 2018
5	Dak Doa/A Dok Subproject	GL03 Upgrade A Dok/ Dak Doa irrigation system; associated rural roads in Adok commune and Dak Doa town, Dak Doa district GL03-XL07.ĐAK ĐOA: Dak Doa Sub-project: Repairing, upgrading head works of laKut irrigation facility, canals in laKút, water-controlling work of canal N1B and N2A, upgrade 4,2 km of canal and dredge of 3.7 km of soil canal.	GL03-XL07.ĐAK ĐOA: Dak Doa Sub-project: Repairing, upgrading head works of laKut irrigation facility, canals in laKút, water-controlling work of canal N1B and N2A, upgrade 4,2 km of canal and dredge of 3.7 km of soil canal.	Name: Joint venture of Thanh Hoa Agricultural Development & Irrigation Construction corporation & Dong Son one-member limited liability Company Address: No 303, Ba Trieu Road, Ham Rong Ward, Thanh Hoa City	07/8/2017	28-8-2017	Mr Cao Xuan Hoa	Mr Ngoc Thach/ Song Ba Construction Consultant Co Ltd	Mr Phan Cong Cuong	▪ Completed: 100% December 2018

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		4,2 km of canal and dredge of 3.7 km of soil canal. (1 Lot)								
6		GL03 Upgrade A Dok/ Dak Doa irrigation system; associated rural roads in Adok commune and Dak Doa town, Dak Doa district GL03-XL08.DakDoa: Dak Doa Sub-project: Repairing, upgrading 6.4 km of rural road – class A and the related facilities (1 Lot)	GL03-XL08.DakDoa: Dak Doa Sub-project: Repairing, upgrading 6.4 km of rural road – class A and the related facilities	Name: Joint venture of Hoang Duc Sang Construction Trade Stock Company & Tan Hung Stock Company Address: No 25 Ly Nam De , Tra Ba Ward , Pleiku City, Gia Lai Province	13-11-2017	28-8-2017	Mr Cao Xuan Hoa	Mr Nguyen Quoc Tuan/ Thinh Phu Co Ltd	Mr Phan Thanh Xuan & Kieu Van Hoang	▪ Completed: 100% June 2019
7	Tan Son – Chu Pah Subproject	GL01-XL02 Tan Son Sub-project: Upgrading, finalization of the rural roads for productive areas numbers 01, 2-1, 2-2 (1 Lot) dated 29/6/2016	- Construct route 1 from inter-commune asphalt road Nghia Hung- Chu Jor to headworks to serve production management and exploitation of works with length 3,657.92m, width 4m; road surface 3.0 m. -Construct route 2-1 and 2-2 from inter-commune road Nghia Hung- Chu Jor to the production area , accessed through inter-commune road Chu Jor-Chu Dang Ya with length 4,168.12m, width 3.0m; road surface 2.0 m.	+ Name: joint venture of Thanh Nhan Construction Company Limited and Do Thanh private business + Address: "No 293B, Ngo Gia Tu Street, Binh Dinh Ward, An Nhon town, Binh Province" and "No. 39, Quang Trung Street, Tang Bat Ho town, Hoai An district, Binh Province"	29/6/2016	01/10/2016	Mr Nguyen Duc Trong	Mr. Siu Roma Henry/ Ba River Construction Consultancy Co. Ltd	Mr Pham Dong Tien& Pham Ngoc Thi	▪ Completed: 100% September 2017

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
8	Tan Son – Chu Pah Subproject	GL01-XL01 Tan Son Sub-project: Upgrading, finalization of the rural infrastructure of irrigation facility of Tan Son and the areas of Nghia Hung commune, Chu Troi, Chu Pah district (2 Lots) dated 29/6/2016	Lot 1: Leakiness settlement and termite for the soil barrage, upgrade of down barrage surface, the system for leaking water of irrigation facility	Name: Joint venture of Thanh Hoa Agricultural Construction and Rural Development Company; Vinh Phuc General Investment Joint Stock Company and Investigation and Construction Consultancy Joint-stock Company No.2 Address: “No.303 Ba Trieu, Ham Rong Ward, Thanh Hoa City, Thanh Hoa Province”; “Quarter 1, Tho Tang Town, Vinh Tuong District, Vinh Phuc Province” and “ Group 3, Trung Son Ward, Tam Diep City, Ninh Binh Province”.	29/6/2016	01/10/2016	Mr Nguyen Duc Trong	Nguyen Viet Trung/ Thuy Loi University Consultant Co.,Ltd	Mr Van Thanh Trung	Completed: 100% September 2017
	Tan Son – Chu Pah Subproject		Lot 2: Upgrade of 8.4km of canals (including: 4,583.8m canal of level I: N2, N3, N4 and 3,764.1m canal of level II: N3-2, N3-6, N3-12, N4-1, N4-5)	Name: Joint venture of Dong Son Company Limited and Hoang Huy Services Trading And Construction One Member Company Limited Address: “ No.96,Au Co Street, Thang Loi Ward, Pleiku City, Gia Lai Province” and “ No.385 B, Pham Van Dong, Thong Nhat Ward, Pleiku City, Gia Lai Province”.	29/6/2016	01/10/2016	Mr Nguyen Duc Trong	Nguyen Viet Trung/ Thuy Loi University Consultant Co.,Ltd / An Thinh Limited Joint Stock Company on Construction Consultant	Mr Phan Cong Cuong & Nguyen Duc Quang	
9	Dak Po Subproject	GL04-XL09.DAKPO: Dak Po sub-project: Repairing, upgrading irrigation works at Tan Hoi,	GL04-XL09.DAKPO: Dak Po sub-project: Repairing, upgrading irrigation works at Tan Hoi, An Quy pump	Name: Joint venture of Hai Duong Rural Development and Dyke Construction Joint Stock Company – Hung Tien	21/12/2018	28/12/2018	Mr Thai Duy Tai	Mr Nguyen Huu Dung/ Joint venture of Thinh Phu	Mr Le Van Quang	

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		An Quy pump stations, and Ha Tam reservoir in Dak Po district (1 Lot)	stations, and Ha Tam reservoir in Dak Po district	Co. Ltd -Hai Duong Irrigation Construction Joint Stock Company Address: No 1 Thanh Nien Road, Tran Hung Dao Ward, Hai Duong City, Hai Duong Province				Co. Ltd – No 36 Technical Consultant & Investment Joint Stock Company		▪ Completed : 100%
Dak Lak (9 packages)										
1	Ea Kao Subproject	DL01 Repair/ Upgrade Ea Kao irrigation system for the production area in 3 communes and two wards of Buon Me Thuat City DL01-XL01 Productive rural infrastructure rehabilitation and upgrading sub-project in Ea Kao and surrounding areas (3 Lots)	Lot 1: Core irrigation canal N1 and its facilities from K0+000 to K2+800 (3.0 65km)	- Name: Viet Nam Agricultural Construction Join Stock Corporation (VINACCO)- - Address: " No. 68, Trung Trinh street, Phuong Mai ward, Dong Da district, Ha Noi city"	8/12/2016	12/1/2017	Ms Le Thi Thanh Quy	Ms Pham Thi Binh/ Dak Lak Irrigation Mechanic - Construction Consultancy - JSC and water resources SHT - Investment and Construction Consultancy JSC	Mr Nguyen Xuan Nghia	▪ Completed: Lot 1 : 100 % Lot 2 : 100 % Lot 3 : 100 %
	Ea Kao Subproject		Lot 2 : Core irrigation canal N1 and its facilities from K2+800 to K9+230 (5.343 km)	Name: Ha Tinh Construction Joint Stock Company No.68 Address: Tien Hamlet, Thach Mon Commune, Ha Tinh city, Ha Tinh Province"	8/12/2016	12/1/2017	Ms Le Thi Thanh Quy	Ms Pham Thi Binh/ Dak Lak Irrigation Mechanic - Construction Consultancy - JSC and water resources SHT - Investment and	Mr Duong Dinh Hung	

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
								Construction Consultancy JSC		
	Ea Kao Subproject		Productive rural infrastructure rehabilitation and upgrading sub-project in Ea Kao and surrounding areas Lot 3 : Repairing, upgrading irrigation canal N2 and its facilities, 6,8 km of length	Name: Joint venture of Dak Lak Construction Joint Stock Company and Ky Nguyen Trading and Construction Company Limited. Address: "No. 25, Le Duan Street, Tu An Ward, Buon Ma Thuot City, Dak Lak Province" and "No. 07, To Hieu Street, Tan Loi Ward, Buon Ma Thuot City, Dak Lak Province"	8/12/2016	12/1/2017	Ms Le Thi Thanh Quy	Mr Tran Van Hoa/ Long Hung Technology and Construction Co., Ltd	Mr Luu Duc Anh	
	Ea Kao Subproject	Upgrade Ea Kao irrigation system for the production area in 3 communes and two wards of Buon Me Thuat City Additional work (DL01-XL 08)	Repairing, upgrading branch canals of N1 and N2 main canal in Buon Me Thuat City	- Name: Viet Nam Agricultural Construction Joint Stock Corporation (VINACCO)- - Address: " No. 68, Truong Trinh street, Phuong Mai ward, Dong Da district, Ha Noi city"	5/3/2020	8/3/2020	Ms Le Thi Thanh Quy	Mr Nguyen Dang Hieu / Long Hung Technology and Construction Co., Ltd	Mr Tran Dinh Lam	<ul style="list-style-type: none"> Completed : 100% CEMP was prepared by contractors and approved PPMU The weekly, monthly environmental safeguard monitoring reports by contractors, CSCs is rather good quality
2	Ea Soup Subproject	DL02 Repair and upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system DL02-XL02: Ea Soup Sub-project: Repairing, upgrading the canal system and related	Lot 1: Repairing, upgrading canals and the related facilities: N4, N3, N3-2, N5, N4B, N7, N9-(1, 2, 3, 3A, 5, 7, 9, 11, 13, 15), N11-(1, 2, 3, 8, 5, 10)	Name: Joint venture of Ha Tinh Construction Joint Stock Company No.68 & Thanh Cong Investment Joint Stock Company Address: Tiền Tiến Hamlet, Thach Mon Commune, Ha Tinh city, Ha Tinh Province"	18/9/2017		Ms Le Thi Thanh Quy			Completed : 100 %

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		facilities of Ea Soup.								
			Lot 2: Repairing, upgrading canals and the related facilities: N13, N11 - (12,4A,, 14) N15, N15-2, N17-(1, 2), N19-(1, 2, 3, 4), N21-(1, 3), N6-(1, 2, 3, 5, 5-2, 9, 11), N25-(1, 3), N10-(1, 2), N27-1N29, N23A, A23A-2	Name: Joint venture of Construction Joint Stock Company No.46 & Thanh Dat Construction Joint Stock Company Address: No 84, Road No11, Group No5, Linh Xuan , Thu Duc District, HCM City	18/9/2017					
			Lot 3: Repairing, upgrading the canals and the related facilities: N17-(2,3,4,5,6), N29, N20-7, N22, N24, N18-1, N43, N45, N49, N55, N30, N41, N47, N51, N53, N26.	Name: General Corporation of Thanh Hoa Agricultural Development and Agricultural Construction Address: No 303, Ba Trieu Road , Ham Nghi Ward, Thanh Hoa City, Thanh Hoa Province	18/9/2017					
3	Ea Soup Subproject	DL02 Repair and upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system DL02-XL03: Ea Soup Sub-project: Repairing, upgrading the class B rural road with total length of 16.42 km, along the East (2 Lot)	Lot 1: segment from Km0+00 to K10+00 with total length of 10.0 km	Name : Viet Duc Bridge-Road Limited Liability Company Address : No 641 , Le Duan Road, Ea Kao Ward, Buon Ma Thuot City , Dak Lak Province	3/7/2017	12/7/2017	Ms Le Thi Thanh Quy	Mr Dang Quang Thach / Centre Region Construction Consultant JSC	Mr Trương Tam Phong	<ul style="list-style-type: none"> Completed : Lot 1 : 100% Lot 2 : 100 % October 2018
			Lot 2: segment from Km 10+00 to K16+419 with total length of 6.5 km	Name : Phuc Vinh Development & Construction Investment Joint Stock Company Address : No 95 Le Thanh Tong Road, Thang Loi Ward, Buon Ma Thuot City , Dak Lak Province	3/7/2017	12/7/2017	Ms Le Thi Thanh Quy	Mr Dang Quang Thach / Centre Region Construction Consultant JSC	Mr Nguyễn Đình Trung	
4	Ea Soup Subproject	DL02-XL09 Repair and	Repairing and upgrading 9 canals with the total length	Name : Joint venture of Quang Minh Co Ltd & Ngan Ha Construction Co	6/3/2020	8/3/2020	Ms Le Thi Thanh Q	Mr Dang Trung Dung/ P-T	Mr Nguyen Van Thin	<ul style="list-style-type: none"> Completed : 100% CEMP was

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system-Additional work	of 3.693 km.and additional road with length of 3.73 km	Ltd Address : No 28 , Dang Thai Than Road, Tan Thanh Ward, Buon Ma Thuot City , Dak Lak Province				Construction Consultant Co, Ltd		prepared by contractors and approved PPMU ▪ The weekly, monthly environmental safeguard monitoring reports by contractors, CSCs is rather good quality
5	Krong Nang Subproject	DL03 Repair / Upgrade productive rural infrastructure in Krong Nang district DL03-XL04: Krong Nang Sub-project: Repairing, upgrading irrigation facilities of Krong Nang (2 lot)	Lot 1: Repairing, upgrading irrigation facilities of Ea Toh Thượng Reservoir and Ea Toh Ha Reservoir	Name : Tan Binh Manh Trade & Construction Joint Stock Company Address : No 2 Le Van Huu , Truong Thi Ward, Vinh City, Nghe An Province	21/2/2017	08/12/2017	Ms Le Thi Thanh Quy	Mr Huynh Duc Suong / Joint Venture of Thang Loi Transportation Construction Consultant Limited Liability Company & An Quan Construction Consultant Limited Liability Company	Mr Dao Trong Thai	▪ Completed Lot 1 : 100% Lot 2 : 100% September 2019
			Lot 2: Repairing, upgrading irrigation facilities of Reservoir Lake #86 and Loc Xuân Reservoir	Name : Joint Venture of Ky Nguyen Trade & Dak Lak Construction Joint Stock Company Address : No 7 To Hieu Road, Tan Loi Ward, Buon Ma Thuot City, Dak Lak Province	21/2/2017	08/12/2017	Ms Le Thi Thanh Quy		Mr Nguyen Khac Hung	
6	Krong Nang Subproject	DL03 Repair / Upgrade productive rural infrastructure in Krong Nang district DL03-XL05: Krong Nang Sub-project:	DL03-XL05: Krong Nang Sub-project: Repairing, upgrading 12.1km of rural road and the related facilities on the road	Name : Joint venture of Dak Lak Construction Joint Stock Company-Hong Ha Construction Limited Liability Company - Viet Duc Bridge-Road Limited Liability Company Address : No 25, Le Duan Road, Tu An Ward, Buon	21/2/2017	08/12/2017	Ms Le Thi Thanh Quy	Mr Le Quang Thang/Thanh Mai Construction Consultant Limited Liability Company	Mr Phan Le Vu Lam	▪ Completed: 100 % October 2018

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		Repairing, upgrading 12.1km of rural road and the related facilities on the road		Ma Thuot City, Dak Lak Province						
7	Krong Nang Subproject	DL03-XL10 Repair / Upgrade productive rural infrastructure in Krong Nang district-Additional work	DL03-XL10 : Constructing 311m of canal succeeding 1 km of Lower Ea Toh reservoir & Adding three more arterial roads	Name: Dak Lak Construction Joint Stock Company Address : No 25, Le Duan Road, Tu An Ward, Buon Ma Thuot City, Dak Lak Province	5/3/2020	8/3/2020	Ms Le Thi Thanh Quy	Mr Dao Sy Hieu / P-T Construction Consultant Co, Ltd	Mr Truong Quang Viet	<ul style="list-style-type: none"> Completed : 100% CEMP was prepared by contractors and approved PPMU The weekly, monthly environmental safeguard monitoring reports by contractors, CSCs is rather good quality
8	Buon Tria Subproject	DL04-XL01: Lak sub-project: Repairing, upgrading productive infrastructure of Buon Tria reservoir in Lak district, Dak Lak Province (2 Lots)	Lot 1: Repairing, upgrading irrigation facilities	Name : Joint venture of Viet Duc Road-Bridge Construction Co. Ltd - Quang Manh Co. Ltd, Dai Nai Construction Co. Ltd Address : No 641 , Le Duan Road, Ea Kao Ward, Buon Ma Thuot City , Dak Lak Province	6/9/2018		Ms Le Thi Thanh Quy	Mr Vo Si Lan / P-T Construction Consultant Co, Ltd Công ty TNHH	Mr Trương Tam Phong	<ul style="list-style-type: none"> Completed : 100% Comments from ADB Mission Contractor to store construction materials in appropriate storage and remove excavated soil dumped at the canal bank. Contractors to design and install some bridge over the canal to provide access to the farmland, avoiding accidents Contractor to

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
										<p>conduct public consult with farmers to provide irrigation water for crop. Consultation also should priority on inlet and outlets for water intake and discharge</p> <p>Actions taken</p> <ul style="list-style-type: none"> ▪ The contractor of Buon Tria subproject stored and removed excavated soil dumped at canal bank in Jan 2020 ▪ The contractor have been installed some bridge over the canal to provide access to the farmland ▪ The contractor conducted public consult with farmers to provide irrigation water for crop
			Lot 2 : Repairing, upgrading rural roads and related facilities							<ul style="list-style-type: none"> ▪ Completed : 95% (up to 15 June 2020) <i>Comments from ADB Mission</i> ▪ Contactors to install warning signs, fence and traffic regulators to ensure community safety in bridge construction site ▪ Constructors to

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
										<p>improve safety for worker camp, with installation of concrete plates crossing the canal</p> <ul style="list-style-type: none"> Contractors to store oxygen cylinders, oil and lubricant drums in appropriate storage <p><i>Actions taken</i></p> <ul style="list-style-type: none"> The contractor have been installed warning signs, fence and traffic regulators to ensure community safety in bridge construction site in January 2020 Worker camp safety is improved with installation of concrete plated crossing the canal by the contractor in February The contractor have been stored oxygen cylinders, oil and lubricant drums in appropriate
9	Cu M'Gar Subproject	DL05-XL07: Repairment, upgrading irrigation system for coffee in the public-private partnership in Tien Cuong village, Quang Tien commune, Cu M'Gar	DL05-XL07: Repairment, upgrading irrigation system for coffee in the public-private partnership in Tien Cuong village, Quang Tien commune, Cu M'Gar district	Name : Joint venture of Thanh Hoa Rural Development Agricultural Construction – Ky Nguyen Construction & Trade Co Ltd – Binh Nguyen Engineering Co Ltd Address : No 303, Ba Trieu Road, Ham Rong	14/10/2019	26/12/2019	Mr Đặng Anh Văn	Mr Tran Bang Giang / The Engineering Transfer Construction	Mr Trinh Thanh Tung	<p>Completed : 90 % (up to 15 June 2020)</p> <ul style="list-style-type: none"> CEMP was prepared by contractors and approved PPMU The weekly, monthly

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
		district		Ward, Thanh Hoa City				Consultant Joint Stosk Company		environmental safeguard monitoring reports by contractors, CSCs is rather good quality
Dak Nong (7 packages)										
1	Krong No Subproject	DN01 Repair and upgrade irrigation system in Krong No DN01-XL01: Krong No Sub-project: Repairing, upgrading irrigation facility of Krong No. (4 Lots)	Lot 1: Repairing, upgrading irrigation facility of Dak Mam, Nam Da commune	Name: Thanh Cong Limited Liability Company	16/12/2016	16/3/2017	Mr Le Viet Hoa	Mr Pham Tien Sang / Mr Tran Ngoc Tu / Xuan Thien	Mr Huynh Van Hai & Mr Bui Van Ni	<ul style="list-style-type: none"> Completed : Lot 1: 100% Lot 2: 100% Lot 3: 100% Lot 4: 100% November 2018
			Lot 2: Repairing, upgrading irrigation facility of Dak Nang, Dak Nang commune	Name: Dak Lak Construction Company	16/12/2016	16/3/2017				
			Lot 3: Repairing, upgrading irrigation facility of Dak M' Hang, Nam Nung commune	Name: Trieu Son Limited Liability Company	16/12/2016	16/3/2017				
			Lot 4: Repairing, upgrading irrigation facility of Dak Poh, Nam N'Dir commune	Name: Viet Duc Bridge & Road Construction Limited Liability Company	16/12/2016	16/3/2017				
2	Cu Jut Subproject	DN02 Repair and upgrade irrigation system in Cu Jut DN02-XL02: Cu Jut Sub-project: Repairing, upgrading irrigation facility of Cu Jut (3 Lots)	Lot 1 : Repairing, upgrading irrigation facility of Dak Dier, CuK'nia commune	Name : An Chau Trade Construction Investment Join Stock Company	16/12/2016	16/3/2017	Mr Le Viet Hoa	Consultant & Construction , JSC and Kon Tum Rural Agriculture Consultancy & Construction Company JSC	Mr Tran Dinh Trong	<ul style="list-style-type: none"> Completed : Lot 1 : 100% Lot 2 : 100 % Lot 3 : 100 % November 2018
			Lot 2 Repairing, upgrading irrigation facility of Dak D'rong, Dak D'rong commune	Name : <ul style="list-style-type: none"> 31-5 Construction Join Stock Company Thanh Dat Business Limited Liability Company Hoang Long Construction Limited Company 	16/12/2016	16/3/2017	Mr Le Viet Hoa		Mr Nguyen Tien Duong & Mr Huynh Van Hai & Mr Dang Viet Nhat	
3			Lot 3 : Repairing, upgrading irrigation facility of Cu Pu, Nam Jong commune	Name : <ul style="list-style-type: none"> Vinh Phuc Integrated Investment Company , JSC Hoang Dung Integrated Investment Company ,JSC 	16/12/2016	16/3/2017	Mr Le Viet Hoa		Mr Nguyen Van Cuong & Mr Tra Quoc Viet & Mr	

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
				▪ Trieu Son Limited Liability Company					Phan Thanh Sang	
	Dak Rlap Subproject	DN03 Repair and upgrade irrigation system in Quang Loc, hamlet 2 in Dak Sin DN03-XL03: Dak R'lap Sub-project: Repairing, upgrading irrigation facility of Quang Loc, Dao Nghia Commune and upgrading of 8.8km of rural road - class B (1 Lot)	Repairing, upgrading irrigation facility of Quang Loc, Dao Nghia Commune and upgrading of 8.8km of rural road - class B	Name : Tan Truong Phat Limited Liability Company	20/12/2016	10/1/2017	Mr Le Viet Hoa	Mr Nguyen Ngoc My/ Join Venture of Thanh Tam Duc Limited Co and Dai Tien Limited Co	Mr Phan Xuan Cong & Mr Vo Minh	<ul style="list-style-type: none"> Completed : 100 % November 2018
4	Dak Rlap Subproject	DN03-XL04: Dak R'lap Sub-project: Repairing, upgrading irrigation facility of Quang Loc, Dao Nghia Commune and upgrading of 8.8km of rural road - class B- Additional work	Repairing, upgrading three dams: Quang Thanh No1 dam , Quang Thanh No2 dam , Quang Loc No1 dam and Repairing Dak Sinh weir	Name : Jonit Venture of Tan Truong Phat Co Ltd and Thanh Cong Construction Co Ltd	24/2/2020	25/2/2020	Mr Le Viet Hoa	Mr Nguyen Ngoc My/ Join Venture of Thanh Tam Duc Limited Co and Dai Tien Limited Co	Mr Vo Minh	Completed : 100% <ul style="list-style-type: none"> CEMP was prepared by contractors and approved PPMU The weekly, monthly environmental safeguard monitoring reports by contractors, CSCs is rather good quality
5	Gia Nghia Subproject	DN04-XL04 : Repairing and upgrading irrigation works of Gia Nghia town (1 Lot)	DN04-XL04 : Repairing, upgrading irrigation works of Gia Nghia town (1 Lot)	Name : Joint venture of Tan Truong Phat Limited Liability Company & Hong Dao Limited Liability Company	14/3/2018	2/4/2018	Mr Le Viet Hoa	Mr Phan Anh Tuan / Joint venture of Minh Phat-Dak Nong Limited Co and An Hung Binh Constructio	Mr Le Van Duong	<ul style="list-style-type: none"> Completed : 100% <i>Comments from ADB Mision</i> <ul style="list-style-type: none"> Contractors to clean up road of Dak Nia road from soils scattered <i>Actions taken</i>

No of package	Province	Project title /Contract No., contract	Contract Description	Contractors (name & address)	Contract Signing Date	Commencement Date	Environmental Monitoring Staff of PPMU /CSC/Contractor			Remarks
							PPMU	CSC	Contract	
								n Trade One-member Limited Co		<ul style="list-style-type: none"> The contractor have been cleaned up scattered soil of Dak Nia road
6	Dak Mil Subproject	DN5-XL05 Investment and upgrading infrastructure for the aquaculture variety center in Dak Mil District	DN5-XL05 Investment and upgrading infrastructure for the aquaculture variety center in Dak Mil District (1 Lot)	Name : Joint venture of Dak Lak Construction Joint Stock Company -Thanh Cong Limited Liability Company – Phu Hien Vinh Service -Trade Construction Limited Liability Company	31/10/2018	12/11/2018	Mr Le Viet Hoa	Mr Tran Ngoc Tu / Joint venture of Minh Phat-Dak Nong Limited Co and An Hung Binh Construction Trade One-member Limited Co	Mr Ho Van Phong	<ul style="list-style-type: none"> Completed: 100 % September 2019 <i>Comments from ADB Mision</i> Contractors to clean up sites and ensure environment recovery and install toilets at Aquaculture centre <i>Actions taken</i> contractors have been cleaned up sites and ensured environment recovery at Aquaculture Centre
7	Dak DRo Subproject	DN6 Upgrading, Improving Dak Dro Irrigation Canal System, Dak Nong Province	DN6-XL01 : Upgrading, Improving Dak Dro Irrigation Canal System, Dak Nong Province (1 Lot)	Name : Viet Duc Bridge & Road Construction Limited Liability Company and An Nguyen Limited Liability Company	29/03/2019	2/05/2019	Mr Le Viet Hoa	Mr Le Van Duong / Joint venture of Minh Phat-Dak Nong Limited Co and An Hung Binh Construction Trade One-member Limited Co .	Mr Nguyen Duc Tam	<ul style="list-style-type: none"> Completed 100%

Environmental Reporting System

Table 4: Environmental reporting system of the project

Project Phase	Type of Report	Frequency	Responsibility	Submitted To Whom	Status
Construction	Site Environmental Performance Report indicating compliance with Mitigation Measures	Weekly	Construction Contractor (CC)	CSC	
	Site Environmental Performance Report indicating compliance with Site EMP and monitoring results	Monthly	Construction supervision consultant (CSC)	PPMU	
	EMP Compliance Report indicating compliance with subproject EMP and monitoring results	Quarterly	PPMU	CPMU	
	EMP Compliance Report indicating compliance with subproject EMP and monitoring results	Bi-annually or twice during construction depending on construction duration	CPMU	ADB	
	Subproject Environmental Report indicating overall subproject environmental performance and EMP compliance	At completion of subproject	CPMU	ADB	
Operation	EMP Compliance Report: Operation indicating compliance with subproject EMP commitments during operation	6 months for first two years of operation. Ongoing frequency to be determined based on review after 2 years.	Operating Company	ADB	

b. Capacity Building and training program implemented during report period

11. The relevant stakeholders undertook the EMP implementation as their responsibilities. CPMU, PPMUs, CSCs and CCs appointed officers/staffs to be in charge of environmental management. Thus, to ensure that EMP is implemented in compliance with sponsor policies and Vietnamese legislation, these officers/ staffs were guided/ trained on EMP implementation capacity building.

12. LIC, through CPMU, sent out weekly report template (applied to contractors), monthly report template (CSCs) and quarterly report template (PPMUs) rather than providing a

session on the guidance to implement EMP after PPMUs award contracts and before the construction commences.

c. Environmental Performances

c1. Monitoring parameters/indicators and methods based on the monitoring plan/program previously agreed upon with ADB;

13. Inspection of environmental performance is undertaken by construction supervision consultants alongside other quality control activities, and is a continuous activity conducted by field inspection teams. Monitoring and reporting related to environmental performance is done using a checklist and reporting format, which is completed quarterly, with results forwarded to PPMUs, who then submit the results to the CPMU. Subproject environmental performance is measured against 50 variables and summarized into 7 performance indicators. Of these seven indicators, two are based on quarterly performance, whereas the remaining five are derived on a one-time-only basis, at the beginning and end of construction activity (see Annex 1). Since the results contained in quarterly reports are cumulative, data for the semi-annual report are obtained from the most recent quarter.

14. The averages of the indicators for all active subproject packages within the province for the semi-annual reporting period are shown in Table 4 (Performance Indicator Results by Province). Instructions for filling out the table can be found in the Annex 2: Reporting Procedures and Templates

Environment performance on COVID 19 risk management

The COVID-19 pandemic is an epidemic disaster that has created health challenges, as well as putting unprecedented pressure on social management and economic development for countries and businesses around the world, as well as for Vietnam.

According to the Ministry of Labor, War Invalids and Social Affairs, due to the impact of the COVID-19 epidemic, in Vietnam preliminary estimates that 19% of businesses have suspended operations, downsized; 98% of the tourism area's workers and services quit their jobs; 78% of transport, leather, and textile workers have had their jobs reduced, laid off or stopped; 98% of aviation workers take time off work. Millions of workers have been severely affected, especially unskilled low-income casual workers.

Aiming to protect people's health and life, prevent and control the epidemic, on March 31, 2020, the Prime Minister issued Directive No. 16 / CT-TTg on urgent measures to prevent and combat COVID-19 epidemic.

The Government Office has just issued Document No. 2601 / VPCP-KGVX conveying the Prime Minister's directing opinion on the implementation of Directive No. 16 / CT-TTg on urgent measures for defence. , against COVID-19 outbreak.

Prime Minister Nguyen Xuan Phuc requested:

1. Strictly implementing social isolation in accordance with the requirements of Directive No. 16 / CT-TTg, ensuring social separation, keeping distance between people, people and communities. In order to minimize the risk of community infection, require people to stay at home, minimize to outside, except when really necessary:

- a) Buying food, foodstuff, pharmaceuticals and other essential goods and services;
- b) Emergencies such as: emergency, medical examination and treatment; natural disasters, fires, ...
- c) Working at agencies, state units, armed forces, diplomatic agencies and facilities mentioned in Section 2 of this document.

In case of leaving the house, they must wear a mask, wash their hands with soap or disinfectant solution; do not gather more than 2 people in public places, outside the workplace, school, hospital and must keep a minimum distance of 2m.

2. Factories and production establishments; traffic and construction works; business establishments providing services and essential goods (such as food, food, medicine; petrol, oil; electricity; water; fuel, ...); educational institutions, banks, treasuries, service-providing establishments directly related to banking activities and business supplements (such as notaries, lawyers, registry, registration of secured transactions. ..), securities, post, telecommunications, support services for transport, export, import of goods, medical examination, treatment, funeral ... are allowed to continue operating. The heads of the above-said facilities are responsible for ensuring absolute safety and fully implementing anti-epidemic measures, including:

- a) Strictly implement the mask wearing, fully arrange facilities and materials to prevent and fight against epidemics according to regulations and recommendations of the health agencies;
- b) Request workers to declare health, comply with measures to restrict movement, contact and communication;
- c) Temporarily suspend non-urgent activities, reduce the concentration of workers;
- d) Organize and strictly manage the transportation of workers (if any) to the workplace to prevent risks of disease transmission.

In case of failing to meet the above requirements, the operation must be stopped. Local health agencies shall guide, inspect and supervise the prevention and control of epidemics at the above-said establishments.

Chairpersons of provincial-level People's Committees shall decide and publicize the types of production, business and works establishments that must temporarily suspend operations.

3. Basically stopping activities of transporting public passengers, except for cases of public duty, shuttle buses for workers, experts, isolated people, vehicles transporting production raw materials and goods. Minimize the operation of personal vehicles.

Ensure smooth operation of goods and raw materials for production. Localities immediately abolish measures to stop and prohibit people and vehicles from going to their localities not in accordance with Directive No. 16 / CT-TTg.

4. Heads of agencies, units, organizations and enterprises shall have to organize work at home in accordance with their specific conditions, without delaying work, especially on temporary jobs. Limitations, statute of limitations as prescribed by law, public services serving people and businesses.

5. Concerned ministries, agencies and localities shall proactively adjust epidemic prevention and control measures, ensuring their compliance with the above-mentioned contents; coordinate and solve problems arising according to its competence; strictly deal with violations; promptly report to the Prime Minister on problems that arise.

Implementing COVID 19 risk management by the Contractors

- Up to the end of June 2020 , there has been no Covid-19 case reported in the five project provinces including Kon Tum, Gia Lai , Dak Lak, Dak Nong, and Lam Dong
- Each province has its own Steering Committee of Covid-19 Prevention to closely monitor the status of the disease, timely provide information and recommendations of prevention measures suitable to the status of the disease, and timely revise and supplement options in order to proactively and readily respond to requirements of disease occurrence.

- Contractors on going construction have been applied strictly measures to avoid risk caused by Covid 19 following The Government request at site, guaranteeing health and absolute safety for laborers (Supplementing measures to avoid risks caused by Covid-19 for on-going civil work packages is described in Appendix 2)

Table 5: Performance Indicator Results by Province Unit (%)

No	Province		Performance Indicator							Overall Performance To-Date (Average)
	Name	No. of Active Contracts	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	
			Design and Preparation s	Worker Provisions	Biodiversity	Public Consultation/ Grievance	Community Values / Safety	Hydrology/ Water Pollution	Project Completion	
1	Kon Tum	1	100	95	100	90	90	90	95	94.29
2	Lam Dong	3	100	90	100	85	75	80	90	88.57
3	Gia Lai	3	100	85	100	85	80	85	95	90.00
4	Dak Lak	6	80	75	100	75	75	75	90	81.43
5	Dak Nong	2	85	85	100	85	80	80	90	86.43
	Average	15	93.00	86.00	100.00	84.00	80.00	82.00	92.00	88.14

Remarks:

- *Performance Indicator 1: Design and Preparations:* to be completed in two parts (see checklist) at the time the design is being finalized and project tendered (by the PPMU), and at the time construction begins (by the Construction Supervision Consultant (CSC) in conjunction with the PPMU).
- *Performance Indicator 2: Worker Provisions:* to be completed at the time construction gets underway by the CSC.
- *Performance Indicator 3: Biodiversity:* to be completed at the time construction gets underway by the PPMU in conjunction with the CSC.
- *Performance Indicator 4: Community Based Monitoring:* to be completed at the time construction gets underway by the PPMU in conjunction with the CSC.
- *Performance Indicator 5: Community Values and Safety:* results entered into this section of the checklist should be based on visual monitoring of affected areas and discussions with community members and affected people. It is including landslide, soil erosion; local flooding, traffic safety; deteriorate/ damage on local infrastructures and risks to health and safety of local people and construction workers
- *Performance Indicator 6: Environmental Pollution:* results entered into this section of the checklist should be based on visual monitoring of the construction and residential areas and surrounding water bodies (rivers, streams, canals and lakes) and the productive fields...
- *Performance Indicator 7: Project Completion* section of the checklist should be filled out when construction is over. The results are based on field monitoring of the site and surrounding community areas. Issues should be resolved before final payment is made to the contractor.

Performance Indicator Results is expressed by percentage_(%) & based on the average value, with "good" > 75%; "average" 25-75%; poor < 25%.)

Comments:

15. Most of Performance indicators of the 42 packages of 05 Provinces (Kon Tum, Dak Lak, Dak Nong, Gia Lai, Lam Dong) reach 75..0 -100 % with an average value ranging from 82 % to 93 %. It means the contractors mostly complied with proposed mitigation measures described in the Environmental Performance Specifications and Standardized mitigation measures described in the IEE documentation. Environmental performance indicator results by province is evaluated as bellow:

16. **Design & Preparation's indicator:** As all packages of the five project provinces reached 80-100 %. Performance Indicator Results in each Province shows that subproject design meets applicable engineering safety and public health standards: Site EMP is prepared by contractors, use of land for worker camps and construction yards are agreed with the lands' owner, spoil/ waste material disposal sites have been selected in consultation with local authorities, and contractors have obtained official permits for quarry sites and for borrow pits. However , the design consultant of Ea soup subproject (Dak Lak) have been adjusted and added works to result delay of construction progress , Worker Camp of Dak Mil subproject is not installed by contractor in Aquaculture Centre and Gia Nghia Subproject (Dak Nong) have poorly designed / implemented to lead to a significant reduction in the efficiency of the Subprojects

17. **Worker provision's indicator:** all packages of the project provinces reached 75 - 95% of compliance with this indicator; this shows that Contractors implemented a safety and accident prevention program involving provision, training and use of safety equipment; minimum skills qualifications for operators and drivers; have provided on-site first aid kits along with instructions for their use and have their personnel trained in basic first aid emergency response measures; the camps are equipped with adequate water supply, sanitary toilets, washing facilities and facilities disposal for waste collection. However, some contractors did not carry out an awareness program for transmittable diseases/HIV-AIDS (some contractors of Dak Lak, Gia Lai, Dak Nong, Lam Dong) Providing safety clothes & helmet to workers has not been fully described in the Worker provision's indicator (contractors of Dak Nong, Lam Dong) , the camps are not equipped fully sanitary toilet and bathroom , medical box (Dak Po Subproject in Gia Lai , Dak Mil subproject in Dak Lak), not equipped toilet (Dak Mil subproject in Dak Lak)

18. **Biodiversity indicator:** All packages of the 5 Provinces (Kon Tum, Dak Lak, Dak Nong, Gia Lai, Lam Dong) reached 100% of compliance with this indicator. It shows that project avoid encroaching on natural forests or wetlands; worker camps are located outside of forested areas, the contractor restricted access of workers to forests, fishing and hunting and implemented fully mitigation measures to avoid adverse effects on flow of nature streams and water quality described in Biodiversity indicator

19. **Public Consultation/Grievance's indicator:** All packages of 5 Provinces (Kon Tum, Dak Lak, Dak Nong, Gia Lai, Lam Dong) reached 75-90% of compliance with this indicator. This shows that public consultation regarding construction, environmental impact and the community complaints mechanisms are implemented by the contractors; however, some contractor of Dak Mil subproject in Dak Nong, Ea Sup subproject & Buon Tria subproject in Dak Lak and Da Don subproject in Lam Dong did not install enough project information boards, including the detail contact of the responsible people, along the construction works.

20. **Community Value/Safety's indicator:** All packages of 5 Provinces (Kon Tum, Dak Lak, Dak Nong, Gia Lai, Lam Dong) reached only 75-90 % of compliance with this indicator. It indicates that Vehicles transporting materials for construction are covered when traveling through community areas or along roadways in use by the public and that the same operated within the legal speed limits in populated areas; that signs have been installed on road close to works and restricted access to the construction site to the public. However, most of road components of subprojects are not installed enough limited loading capacity along the roads, some contractors of Da Don subproject in Lam Dong, Buon Tria subproject in Dak Lak need to install fence along side of the construction work and some bridges over the canal at irrigation canal's sections adjacent to resident area to ensure community safety , Contractors of Dak Trit subproject -Additional work in Kon Tum Province, and Buon Tria subproject in Dak Lak, Gia Nghia subproject in Dak Nong need to spray frequency water road surface for reducing dust pollution

21. **Hydrology/Water Pollution's indicator:** All packages 5 Provinces (Kon Tum, Dak Lak, Dak Nong, Gia Lai, Lam Dong) reached only 75-90% of compliance with this indicator. It shows that construction camps are maintained regularly in clean and hygienic conditions, that discharge of wastewater into water bodies used for water supply has been avoided; that existing drainage patterns are maintained during construction; oil, flue and chemicals stored in enclosed areas. However , canal water of most of irrigation canal components of subprojects were polluted by solid waste and death animals have been thrown to the

irrigation canals ; the contractor of Da Don subproject need to store construction materials in appropriate storage and remove excavated soil dumped at the canal bank.; and some worker camps of Dak RLap -extension, Ea Soup -extension subproject in Dak Lak, and Dak Trit -extension subproject in Kon Tum are not maintained in clean and hygienic condition; the contractors of Buon Tria subproject-Bridge No2 need to store oxygen cylinders, oil and lubricant drums in appropriate storage

22. **Project Completion's indicator:** All packages 5 Provinces (Kon Tum, Dak Lak, Dak Nong, Gia Lai, Lam Dong) reached 90% -95% of compliance with this indicator. It shows that ground surfaces in the project area graded to prevent water from collecting; that all pits have been filled in and graded to drain, underground tanks (including septic tanks) removed and holes backfilled in the construction site ; that all waste products removed from the construction site, equipment yards and worker camps, including oil waste, scrap materials and equipment, building materials and domestic waste; and all complaints by the local community and individuals been resolved by the Contractor. However, the irrigation canals of some subproject were polluted by solid waste, some contractors need to install enough limited loading capacity along the roads and install sign board indicating regulation of irrigation canals to warn people do not violating and dumping sold waste to the canal.

c2. Monitoring results compared against previously established benchmarks and compliance status

Performance Indicator Results for the IRDSPCP

23. The measure of environmental performance across all provinces in Table 4 reflects the ability of the CPMU to mitigate negative environmental effects on the PRICHP. The CPMU has achieved for the current reporting period a score of **87.5 %** across all indicators and provinces, as shown in Table 5 (Performance Indicator Results for the PRICHP).

Table 6: Performance Indicator Results for the PRICHP

<u>Performance Indicator</u>	<u>Score (all provinces)</u>
1. Design and Preparations	93 %
2. Worker Provisions	86%
3. Biodiversity	100%
4. Public Consultation/Grievance	84%
5. Community Values / Safety	80%
6. Hydrology/Water Pollution	82%
7. Project Completion	92
Average:	88.14 %

24. The overall environmental performance on IRDSPCP subprojects currently underway is **good**.

IV. Environmental Issues

a. Following-up Previous Corrective Action Plan Environmental Action Plan (January - June 2020)

Required Action	Target Date	Responsibility for Implementation	Responsibility for Monitoring	Action taken
Preparation of IEE/uEMPs				
CPMU to submit uEMP for new subproject extension works to ADB for reviewing and approval	Before preparation of bidding document	CPMU	CPMU/ADB	Implemented CPMU have been submitted 5 uEMPs for new additional works of Dak Trit in Kon Tum , Dak RLap in Dak Nong, Krong Nang& Ea Kao & Ea Soup in Dak Lak to ADB for reviewing and these u EMPs are approved by ADB in February and March 2020 ; u EMP of Dak RLap approved by CPMU in March 2020 as cost os the subproject is less than 3 mills USD
Submission of the Semi-Annual Environmnetal Monitoring Report				
To submit environment semi-annual monitoring report, July-December 2019 to ADB.	31 January 2020	CPMU	ADB	Submitted to CPMU/ADB on 21 Jan 2020
Implementation of EMP				
EMP in the operation phase				
1. Handling over the EMP during the operation phase to Operation and Management Units to ensure sustainability and safety (for all road subprojects)				
a. Contractors to install enough limited loading capacity along the roads; b. Contractor to apply some necessary measure to prevent overloading vehicles such as install steel frame to limit the height of the vehicles.	Before handing over the roads for operation; Before handing over the roads for operation.	Contractors/ all PPMUs Contractors/ all PPMUs	All PPMUs All PPMUs	Implemented a. The contractors installed enough limited loading capacity along the roads; b. Partly
2. Handling over the EMP during the operation phase to Operation and Management Units to ensure sustainability and safety (for all irrigation canal subprojects)				
a. Contractors to install sign board indicating regulation of irrigation to warn people do not violating and dumping sold waste to the	Before handing over the roads for operation.	Contractors	PPMUs	Implemented : The contractors have installed sign board indicating regulation of

Required Action	Target Date	Responsibility for Implementation	Responsibility for Monitoring	Action taken
canal.				irrigation canal to warn people do not violating and dumping sold waste to the canal.
Impact on irrigation water and agriculture product				
3. Impact on irrigation water for the new crop season due to delay in construction canal, and proper inlets, and outlets at the canal in Buon Triet - Buon Tria Subproject, Dak Lak Province				
a. Constructors to conduct public consult with farmers to provide irrigation water for crop. Consultation also should priority on inlet and outlets for water intake and discharge	Immediately	Contractors Dak Lak PPMU	Dak Lak PPMU	Implemented The contractor conducted public consult with farmers to provide irrigation water for crop
Community and Occupational health and safety issues				
4. Risks of transport safety and construction material and excavated soil management in Buon Triet - Buon Tria Subproject, Dak Lak Province; Da Don Subproject, Lam Dong Province				
a. Contractor to store construction materials in appropriate storage and remove excavated soil dumped at the canal bank. b. Contractor to install warning signs and fences to ensure community safety in Da Don canal construction site	Immediately Immediately	contractors contractor	Dak Lak PPMU, Lam Dong PPMU Lam Dong PPMU	a. Implemented The contractor of Buon Tria subproject stored and removed excavated soil dumped at canal bank in Jan 2020 b. Implemented : The contractor of Da Don subproject have been installed warning signs and fences to ensure community safety in Da Don canal site in Jan 2020
5. Risk of workers and community safety in Buon Triet - Buon Tria Subproject, Dak Lak Province; Da Don Subproject, Lam Dong Province				
a. Contractors to design and install some bridge over the canal to provide access to the farmland, avoiding accidents b. Contractors to install some stairs in the trapezoid canal in Da Don subproject	31 December 31 December	Contractors contractor	Dak Lak and Lam Dong PPMUs	a. Implemented : The contractor have been installed some bridge over the canal to provide access to the farmland b. Not Implemented The contractor promised to install stairs in the trapezoid canal in Da Don subproject before handing over the canal for operation
6. Risk of workers and community safety due to limited access at construction of the bridge No. 2 in Buon Triet,				

Required Action	Target Date	Responsibility for Implementation	Responsibility for Monitoring	Action taken
Buon Triet - Buon Tria Subproject, Dak Lak Province				
a. Contactors to install warning signs, fence and traffic regulators to ensure community safety in bridge construction site b. Constructors to improve safety for worker camp, with installation of concrete plates crossing the canal	Immediately Immediately	Contractor contractor	Dak Lak PPMU Dak Lak PPMU	a. Implemented : The contractor have been installed warning signs, fence and traffic regulators to ensure community safety in bridge construction site in January 2020 a. Implemented : Worker camp safety is improved with installation of concrete plated crossing the canal by the contractor in February
7. Risk of road safety due to landslide at Gia Nghia subproject, Dak Nong Province				
a. Contractor to consider climate resilient measures for the land slide vulnerable areas	31 December	Contractor/Dak Nong PPMU	Dak Nong PPMU	a. Partly
Hazardous and chemical management issue				
8. Risk of inappropriate hazardous and chemical management at construction of the bridge No. 2 in Buon Triet, Buon Triet - Buon Tria Subproject, Dak Lak Province				
a. Contractors to store oxygen cylinders, oil and lubricant drums in appropriate storage	Immediately	contractor	Dak Lak PPMU	a. Implemented : The contractor have been stored oxygen cylinders, oil and lubricant drums in appropriate
Sanitation and environmental recovery				
9. Insanitation condition and environmental recovery in Da Don headwork, Buon Triet bridge, Aquaculture centre (Dak Mill subproject) and Dak Nia road (Gia Nghia subproject)				
a. Contactors to clean up sites and ensure environment recovery at Da Don headwork b. Contactors to clean up sites and ensure environment recovery and install toilets at Aquaculture centre c. Contractors to clean up and not dump solid waste into irrigation canal in Buon Triet bridge construction	Immediately Immediately Immediately Immediately	contractor contractor contractor contractor	Lam Dong PPMU Dak Nong PPMU Dak Lak PPMU Dak Nong PPMU	a. Implemented : The contractors have been cleaned up sites and ensured environment recovery at Da Don head work b. Implemented : contractors have been cleaned up sites and ensured environment recovery at Aquaculture Centre

Required Action	Target Date	Responsibility for Implementation	Responsibility for Monitoring	Action taken
d. Contractors to clean up road of Dak Nia road from soils scattered				<p>c. Implemented : contractors have been cleaned up sites and not dump solid waste in to irrigation canal in Buon Triet Bridge construction</p> <p>d. Implemented : The contractor have been cleaned up scattered soil of Dak Nia road</p>

b. List of Subproject 's approved IEEs

	Subproject	Approved IEEs
KON TUM		
1	Repair and upgrade an irrigation system in Kon Trang KLa/ Dak Trit and rural infrastructure in Dak La subproject	Prepared during PPTA (ADB)
2	Upgrade Dak S'Nghe irrigation system and rural road in Tan Lap commune subproject	28 December 2015 (CPMU)
3	Repair and upgrade Dak Dam irrigation system and rural road in Kon Vang commune subproject	26 November 2015 (ADB)
4	Repairing, upgrading irrigation works in Dak Kit commune and rural infrastructure in Dak Mon commune, Dak Glei district, Kon Tum province	9 Jan 2018 (ADB)
5	Repairing, upgrading Lung Lau irrigation system and rural infrastructure in Sa Son commune, Sa Thay district, Kon Tum province	7 August 2018 (CPMU)
6	Repair and upgrade an irrigation system in Kon Trang KLa/ Dak Trit and rural infrastructure in Dak La subproject – Extension	25 Feb 2020 (ADB)
GIA LAI		
1	Upgrade irrigation infrastructure in Ia M'La Irrigation System in Krong Pa district	8 Feb 2017 (ADB)
2	Upgrade/complete Nghia Hung irrigation system); rural roads in Tan Son & Chu Jo Communes subproject	Prepared during PPTA
3	Upgrade A Dok /Dak Doa irrigation system; associated rural roads in Adok commune and Dak Doa town, Dak Doa district	28 October 2016 (CPMU)
4	Repairing irrigation system of Tan Hoi and An Quy electric pumping stations and Ha Tam reservoir, Dak Po district, Gia Lai province	19 April 2018 (CPMU)
DAK LAK		
1	Repair and upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system	6 March 2017 (ADB)
2	Repair/upgrade Ea Kao I.S. for the product. area in 3 communes and two wards of Buon Me Thuat City + access road in Ea Kao	Prepared during PPTA
3	Repair /upgrade productive rural infrastructure in Krong Nang district	1 July 2016 (ADB)
4	Repairing, Upgrading Productive Rural Infrastructure in Buon Tria Reservoir, Lak District, Dak Lak Province	2 April 2018 (ADB)
5	Repairment, upgrading irrigation system for coffee in the public-private partnership in Tien Cuong village, Quang Tien commune, Cu M'Gar district	28 January 2019 (CPMU)
6	Repair and upgrade branch canal system of East main canal and West main canal of Ea Soup irrigation system - Extension	9 Mar 2020 (ADB)
7	Repair/upgrade Ea Kao I.S. for the product. area in 3 communes and two wards of Buon Me Thuat City and access road in Ea Kao- Extension	20 Mar 2020 (ADB)
8	Repair /upgrade productive rural infrastructure in Krong Nang district – Extension	26 Feb 2020 (ADB)
DAK NONG		
1	Repair and upgrade irrigation system in Krong No	12 December 2016 (ADB)
2	Upgrade Irrigation system in Cu Jut and 10 sections of roads	11 April 2016 (ADB)
3	Repair and upgrade irrigation system in Quang Loc, hamlet 2 in Dak Sin in Dak Lap	20 December 2016 (CPMU)
4	Repairing, Upgrading Irrigation Works of Gia Nghia Town,	18 January 2018 (ADB)

	Subproject	Approved IEEs
	Dak Nong province	
5	Investment and upgrading infrastructure for the aquaculture variety center in Dak Mil District	15 October 2018 (CPMU)
6	Upgrading, Improving Dak Dro Irrigation Canal System, Dak Nong Province	20 May 2019 (CPMU)
7	Repair and upgrade irrigation system in Quang Loc, hamlet 2 in Dak Sin in Dak Lap (Extension)	26 Mar 2020 (CPMU)
LAM DONG		
1	Repair /upgrade Da Teh irrigation system	6 October 2016 (ADB)
2	Upgrade East and West Li Linh irrigation systems and flood bypass road in Ka La reservoir and productive infrastructure in Di Linh district	2 August 2016 (ADB)
3	Repair & upgrade productive rural infrastructure in Lac Xuan and Tu Tra communes in Don Duong district	28 November 2016 (CPMU)
4	Reinforcing Da Don irrigation works, Lam Ha district, Lam Dong province	23 May 2018 (CPMU)
5	Repair /upgrade Da Teh irrigation system- additional works	19 Dec 2018 (u EMP) (ADB)

V. PUBLIC CONSULTATION, GRIEVANCE REDRESS MECHANISM

25. During the deployment of the sub-project, local people are informed on environmental protection activities such as EMP. Negative impacts on the environment may occur during the construction and operational phases. Any comments/ suggestions of local people are to be solved quickly, transparently and in compliance with laws, particularly for people affected by the sub-project. Complaint handling mechanism will be classified by level and responsibilities of involved parties.

26. There are 03 steps to redress complaints as described below:

- **Stage 1:** If a household has any complaint, he/she can submit a complaint to the CPC-community monitoring board. CPC will work with CSC and CC to solve complaints.
- **Stage 2:** If the complaint is not resolved, the complainant will submit an application to the subproject DPC to resolve the complaints.
- **Stage 3:** If more than 15 days pass without response from the subproject DPC, the complainant may submit a complaint to the subproject PPC (through the subproject DONRE); then, the PPC will require the DPC to solve the complaint. In case the complaint is still not resolved, the PPC will require environmental Police to investigate and requested stakeholders to resolve the complaint

27. Concerns of the community are monitored and attended to through the community-based monitoring system. Proximity of construction to settlements requires more attention to environmental performance on community matters by a contractor. The incidence of complaints during the reporting period per province is shown in Table 6 (Incidence of Complaints by Province). The construction contractor is required to address all reasonable complaints voiced by the community.

28. There was no public consultation carried out by LIC & PPMUs during July –December 2017.

Table 7: Incidence of Complaints by Province

Province	Number of Complaints
Kon Tum	None
Dak Lak	None
Dak Nong	None
Gia Lai	None
Lam Dong	None

Remark:

The table is based on data from tables of the same title found in the provincial quarterly reports.

29. During this period (from January to June 2020), PPMUs/CPMU have not received any official complaints for all packages in the five provinces (Kon Tum, Lam Dong, Gia Lai, Dak Lak and Dak Nong)

VI. CONCLUSIONS AND RECOMMENDATIONS

a. Conclusions

30. In general, all contractors of 42 construction packages of 25 subprojects and 5 Additional Works (15 subprojects of phase 1& 2 and 10 subproject of phase 3 and 5 Additional Works) of 05 Project Provinces complied with proposed mitigation measures as described in the Environmental Performance Specifications, which are detailed in the Monitoring Check list with 50 variables and grouped in 5 performance indicators (Annex 1).

31. The overall environmental performance on PRICHP subprojects currently underway is good.

32. Aside from substantial compliance of mitigation measures, some of the main most common performance shortfalls of province' contractors during this period are those listed below:

- Contractors of most road packages of subprojects need to install enough limited loading capacity along the roads
- Contractors of most irrigation canals' packages of subprojects need to install sign board indicating regulation of canals to warn people do not violating and dumping solid waste to the canal
- Install some bridge over the canal to provide access to the farmland in Buon Triet subproject and some stairs in the trapezoid canal in Da Don subproject to avoid local people accidents
- Contractors are required to storage of empty oil drums on safe places (Cu MGar Subproject in Dak Lak Nong Province and Dak RLap – Extension Subproject in Dak Nong Province)
- Contractors need to clean up sites and ensure environment recovery at Da Don headwork in Da Don Subproject in Lam Dong Province and at Aquaculture centre in Dak Mil Subproject in Dak Lak Province
- Contractors are required to clean up roads (canal embankment roads) of Ea Kao - Extension, Ea Soup -Extension subproject in Dak Lak
- Worker camp should be cleaner and tidier and equipped with adequate water supply, sanitary toilets, washing facilities and facilities for waste collection and storage (Ea

Soup Subproject- extension in Dak Lak, Dak Rlap subproject - extension in Dak Nong Province)

- Contractors of most subprojects need to provide First aid kits at the job site along with instructions for use, only have medicine box in worker camps .
 - Roads should be regularly watered during dry days to reduce dust and protect traffic participants' health. (Ea Kao , Krong Nang , Ea Soup -extension Subproject, Buon Triet subproject in Dak Lak Province, Dak Rlap -extension subproject in Dak Nong Province)
 - Warning signs, fence and traffic regulators to ensure community safety in bridge construction site (the bridge No. 2 in Buon Triet, Buon Triet Subproject, Dak Lak Province)
33. *In Covid-19 disease in provinces of "Productive Rural Infrastructure Development Project in the Central Highlands"*
- Up to the end of June 2020 , there has been no Covid-19 case reported in the five project provinces including Kon Tum, Gia Lai , Dak Lak, Dak Nong, and Lam Dong
 - Contractors on going construction have been applied strictly measures following The Government request to avoid risk caused by Covid 19 at site, guaranteeing health and absolute safety for laborers as described in Appendix 2 : “ Supplementing measures to avoid risks caused by Covid-19 for on-going civil work packages “

b. Recommendations

34. In addition to field monitoring, other field activities should include:

To PPMUs

35. PPMUs of all 5 Provinces: Dak Lak, Dak Nong, Kon Tum, Gia Lai, Lam Dong to work with contractors to install enough limited loading capacity along the roads of all subproject and install sign board indicating regulation of irrigation canal to warn people do not violating and dumping soild waste to the canal
36. Lam Dong PPMU to work with contractor to install warning signs and fence in Da Don canal construction site
37. Dak Nong PPMU to work with contractor to consider climate resilient measures for the land slide vulnerable areas
38. Dak Lak PPMU to work with contractor to Install some bridge over the canal to provide access to the farmland and improve safety for worker camp with installation of concrete plates crossing the canal in Buon Triet subproject
39. PPMUs of all 5 Provinces Dak Lak, Dak Nong, Kon Tum, Gia Lai, Lam Dong to work with contractors to ensure environmental recovery of subproject's all packages before handing over to The Operation and Management Units to ensure sustainability and safety

To CSCs

40. CSCs with the support from environment consultant to improve supervision of contractor's EMP implementation and submit fully last monthly report (June 2020) on Environmental Compliance Monitoring to PPMUs for PPMUs preparing EMP Quarterly Report

41. CSCs with the support from environment consultant to supervise of contractor's environmental recovery implementation before handing over to The Operation and Management Units

APPENDICES

APPENDIX 1: The format and indicators for environmental monitoring

Annex 1- Checklist and Environmental Compliance Monitoring Form

Environmental Compliance Monitoring Form

Instructions for use:

- I. The monitoring form consists of three parts:
 - a. Part A: General Project Information
 - b. Part B: Monitoring checklist
 - c. Part C: Performance Tracking
- II. Part A is for recording general information on the subproject construction package as well as names, responsible persons and contact phone numbers for the design and construction supervision consultant, the construction contractor and the Environmental Management Officer (EMO) for the PPMU.
- III. Part B: The Monitoring Checklist, consists of three sections:
 - a. A section to be completed one-time-only during the period when the design is being finalized, the project tendered, and construction activities started. This section provides monitoring of four performance indicators: Design and Preparations, Worker Provisions, Biodiversity and Community Based Monitoring. The section also contains fields for entering information regarding the public consultation, comments and follow-up.
 - b. A section to be completed quarterly during the construction period. This section provides monitoring of two performance indicators: Community Values and Safety, and Hydrology/Water Pollution. A separate copy of this section (page 3 of the monitoring checklist) will be completed for each period quarter of the construction duration.
 - c. A section to be completed one-time-only during the period when construction work is nearing completion. This section provides monitoring of Project Completion indicators of performance.

Though the monitoring checklist is filled in one-time-only or quarterly, the variables are inspected continuously by the site supervisor along with other aspects of construction performance. The contractor is responsible for fulfilling the environmental mitigation requirements and is subject to notification concerning any deficiency on a continuous, ongoing basis.

- IV. Part C: Performance Tracking consists of three sections:
 - a. Performance Follow-up, where performance shortfalls noted in prior monitoring are listed and checked against current monitoring results.
 - b. Community Complaints, where issues raised by the affected community are registered, tracked and outcomes recorded.
 - c. Performance Indicator Results, where environmental performance against indicators are recorded.
- V. Sections of the checklist to be completed initially, at or around the beginning of construction, include:

- a. Performance Indicator 1: Design and Preparations: to be completed in two parts (see checklist) at the time the design is being finalized and project tendered (by the PPMU), and at the time construction begins (by the Construction Supervision Consultant (CSC) in conjunction with the PPMU).
- b. Performance Indicator 2: Worker Provisions: to be completed at the time construction gets underway by the CSC.
- c. Performance Indicator 3: Biodiversity: to be completed at the time construction gets underway by the PPMU in conjunction with the CSC.
- d. Performance Indicator 4: Community Based Monitoring: to be completed at the time construction gets underway by the PPMU in conjunction with the CSC.

While the parts of the checklist reflecting these performance indicators are in general completed one-time-only, the variables may require more frequent inspection to assure continued compliance over the life of the construction project.

- VI. Sections of the checklist to be completed quarterly by field monitoring at the construction site and surrounding affected area include:

- a. Performance Indicator 5: Community Values and Safety: results entered into this section of the checklist should be based on visual monitoring of affected areas and discussions with community members and affected people.
- b. Performance Indicator 6: Hydrology/Water Pollution: results entered into this section of the checklist should be based on visual monitoring of the construction area and surrounding water bodies (rivers, streams, canals and lakes).

- VII. In addition to field monitoring, other quarterly field activities include:

- a. Record and review complaints from the community, inform the PPMU and resolve issues with the construction contractor.
- b. Review performance deficiencies noted during previous monitoring, update performance tracking forms and resolve issues with the construction contractor.

- VIII. The Performance Indicator 7: Project Completion section of the checklist should be filled out when construction is over. The results are based on field monitoring of the site and surrounding community areas. Issues should be resolved before final payment is made to the contractor.

- IX. A “yes” answer to a question in the checklist indicates substantial compliance with the mitigation measure. “Substantial compliance” means that the mitigation measure is being implemented in most instances, with only a few isolated exceptions.

- X. In all cases (for all performance indicators), once monitoring is nearing completion and the appropriate section of the checklist has been completed, the inspector needs to tally the score and calculate the percent compliance, as provided for in the last row under each of the performance indicators, done by counting the total number of “yes” answers and dividing by the number of questions contributing to the score for the performance indicator (shown on the form), expressed as percent.

- XI. Performance Follow-up involves the following actions:

- a. As a final action of monitoring at the site or in an office (design consultant or PPMU) the inspector or monitoring officer must notify the agency responsible for implementing mitigation actions (usually the construction contractor) of any shortcoming in performance and discuss with its responsible individual means for correcting the deficiency.
- b. Using the Performance Follow-up form (Part C, Section 1), the inspector or monitoring officer will enter the relevant information in Columns 1 – 3 concerning the performance shortfalls observed during monitoring: performance variable number (1-50) and date observed (column 1), reason behind negative rating (column 2), and whether or not the responsible agency was notified and date of notification (column 3).
- c. During the next/follow-up monitoring tour, the inspector will indicate in column 4 of Part C, Section 1 whether the problem has been corrected by entering “Yes” or “No” as appropriate if “Substantial Compliance” (see Item IX above) is/is not achieved.
- d. For Performance Indicators 1 – 4, Indicator scores (see Item XII below) should be adjusted accordingly if the performance shortfall has been corrected within the next three months (quarter). It should be noted in Column 5 of Part C Section 1 if the indicator score has been adjusted.
- e. For Performance Indicators 5 and 6, there is no need to adjust indicator scores, since improved performance will be reflected in the results from the next quarterly monitoring.
- f. For Performance Indicator 7, a post-completion monitoring tour will need to be conducted to determine whether performance shortfalls have been corrected. The indicator score should be adjusted accordingly. It should be noted in Column 5 of Part C Section 1 if the indicator score has been adjusted.
- g. Performance shortfalls should be registered consecutively up through the end of the construction activity using the Performance Follow-up form. Additional copies of the blank form can be made and attached to the Environmental Compliance Monitoring Form file.

XII. Community Complaints are recorded and resolved using the form in Part C, Section 2. This involves the following actions:

- a. The inspector or monitoring officer will receive any complaints from members of the affected community and work with the construction contractor to resolve the deficiency.
- b. Using the Community Complaints form (Part C, Section 2), the inspector or monitoring officer will enter the relevant information in Columns 1 – 3 concerning the complaint: name of person bringing the complaint and date (column 1), summary of complaint (column 2), and whether or not the responsible agency was notified and date of notification (column 3).
- c. The inspector will indicate in column 4 of Part C, Section 1 whether the problem has been corrected by entering “Yes” or “No” as appropriate.
- d. The inspector will contact the person registering the complaint, explain the corrective actions taken, provide any other justifications, and determine whether the person is satisfied with the action taken. It should be noted in Column 5 of Part C Section 2 if the person is satisfied with the corrective action.
- e. Community complaints should be registered consecutively up through the end of the construction activity using the Community Complaints form. Additional copies of the blank form can be made and attached to the Environmental Compliance Monitoring Form file.

XIII. Performance Indicator Results are recorded using the form shown in Part C Section 3 using the following procedure:

- a. Complete the general information at the top of the form. This assures that the data in the form are identified and associated with the correct subproject and reporting period.
- b. In respect to the form, cells that are darkened are not to be filled in; only those cells that are un-shaded receive data entries.
- c. Enter the score as a percent taken from the checklist (see item X in the instructions) opposite the appropriate performance indicator. This will be done consecutively as the project progresses, from left to right in the form. Enter the date when the score is recorded.
- d. Performance indicators 1 – 4 are evaluated only once, around the time of project startup, though performance follow-up may result in a revision of the score (see item XI in the instructions). The form accommodates both initial and revised scores for these indicators. This is the case with Indicator 7 as well, recorded near the end of the project.
- e. Indicators 5 and 6 are recorded for each quarter of the project construction period. Four quarters are shown on the form; however, the project may run for shorter or longer than four quarters. The form can be adjusted accordingly to accommodate the actual duration for a given project. Regardless of how many quarters of data are taken, after the final round of monitoring the data are averaged across all quarters, and the value entered in the form.
- f. Following completion of the subproject, it is “closed out” from the standpoint of environmental monitoring by entering the final scores in the right-hand column, consisting of the revised values for indicators 1 – 4 and 7, and the average scores for indicators 5 and 6.

XIV. Note on alignment of project quarters and calendar quarters: In order to support the need for reports timed to coincide with calendar quarters, the monitoring should be conducted and reports submitted to the PPMU near the end of a given calendar quarter.

Environmental Compliance Monitoring Form for Construction Package

Part A: General Project Information

Subproject Name: _____

SIR Code: _____ Subproject Package #: _____ Activity Sector: _____

Province: _____ Districts: _____

Design and Supervision Consultant Firm: _____

Construction Company Name: _____ Contract Date: _____

Contract Amount: _____ Contract Duration (days) _____

Person Responsible: _____ Phone _____

PPMU EMO: _____ Phone _____

Part B: Monitoring checklist

Performance Indicator 1. Design and Preparations

The PPMU to complete 1-4 in conjunction with the subproject design consultant at the time the project is tendered. Date of Monitoring: __

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
1. Have all UXO been cleared prior to commencement of construction?			
2. Does the subproject design meet applicable engineering safety and public health standards?			
3. Have the resettlement provisions been disclosed to the affected communities and compensation made to affected persons or households?			
4. For the applicable subproject type:			
a. Roads, embankments, irrigation works and coastal protection: does the design provide cross drainage to prevent flooding?			
b. Markets: does the design provide washing facilities and toilets in the market area?			

The construction Supervision consultant (CSC) to complete 5-10 with the PPMU and construction contractor at the time of start-up. Date of Monitoring: __

5. Has the contractor prepared a Site EMP?			
6. Has the contractor posted a public notice regarding the nature, extent and cost of the project?			
7. Are locations for mixing plants sufficiently distant from houses, schools and hospitals?			
8. Are agreements in place with owners for temporary use of land for worker camps and construction yards?			
9. Have spoil disposal sites been selected in consultation with local authorities?			
10. Are official permits on record for quarry sites and borrow pits?			
Score (1-10; 10 total)			(%)

Performance Indicator 2. Worker Provisions

The CSC to complete 11-16 in conjunction with the PPMU and construction contractor following commencement of construction. Date of Monitoring: __

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
11. Were local authorities consulted in the planning for the location of construction worker housing?			
12. Are supervisors or other site personnel trained in basic first aid emergency response measures?			
13. Are first aid kits readily available to workers at the job site along with instructions for use?			
14. Has the contractor or Inspector from the Department of Health undertaken an awareness program for communicable diseases/HIV-AIDS?			
15. Has the contractor provided safety equipment (hard hats, ear plugs, dust masks, safety boots and glasses) to workers and training in use?			
16. Are construction camps equipped with adequate water supply, sanitary toilets, washing facilities and facilities for waste collection and storage?			
Score (11-16; 6 total)			(%)

Performance Indicator 3. Biodiversity

The CSC should complete 17-21 in conjunction with the PPMU and construction contractor following commencement of construction. Date of Monitoring: _

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
17. Does the project avoid encroaching on natural forests or wetlands?			
18. Does the project avoid adverse effects on flow of natural streams and water quality?			
19. Are worker camps located outside of forested areas and has the contractor restricted access of workers to forests, fishing and hunting?			
20. Does the contractor obtain fill materials only from pre-existing quarries, or from borrow pits within the strict limits of the construction zone?			
21. For irrigation sector projects, are effects on agricultural biodiversity limited through use of integrated pest management?			
Score (17-21; 5 total)			(%)

Performance Indicator 4. Community Based Monitoring

The CSC to complete 22 and 23 in conjunction with the PPMU and construction contractor following commencement of construction. Date of Monitoring:

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
22. Has the contractor posted a public notice regarding complaints from the community?			
23. Has there been a public consultation regarding construction, environmental impact, and the community complaints system?			
Score (22-23; 2 total)			(%)

Outcome of Public Consultation:

Date: _____ Location: _____

Topics covered in presentation: _____

Comments from Attendees:

Performance Indicator 5. Community Values and Safety

Items 24 – 35 should be inspected quarterly. Date of Monitoring: _____

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
24. Is temporary access provided to adjacent properties as needed?			
25. Is permanent access to adjacent properties reinstated on completion of a segment of work?			
26. Are construction hours adjusted around houses, hospitals and schools to minimize disturbance?			
27. Does the contractor limit the scope of construction in progress to minimize community impacts?			
28. Are physical impacts on public infrastructure and service disruption minimized?			
29. Are materials transported on approved haul routes?			
30. Are construction equipment maintained in good condition?			
31. Do vehicles operate within legal speed limits?			
32. Are material loads traveling on public routes covered?			
33. Is dust suppressed by watering exposed surfaces?			
34. Has the contractor installed signs and lighting in vicinity of works on public roads?			
35. Is access to the construction site restricted to the public?			
Score (24-35; 12 total)			(%)

Performance Indicator 6. Hydrology/Water Pollution

Items 36 – 43 should be inspected quarterly. Date of Monitoring: _____

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
36. Are construction camps maintained in a clean and hygienic condition?			
37. Are oil, fuel and chemicals stored in enclosed areas (dyked or covered)?			
38. Is discharge of wastewater into water bodies used for water supply avoided?			
39. Is clearing activity suspended during rains?			
40. Does the contractor prevent discharge of concrete trucks to waterways?			
41. Have existing drainage patterns been maintained during construction?			
42. Are areas of standing water in the construction area drained and backfilled?			
43. Are sediment controls installed upslope of waterways?			
Score (36-43; 8 total)			(%)

Performance Indicator 7. Project Completion

Items 44 – 50 should be inspected prior to finalizing the construction works.

Date of Monitoring: _____

	<u>Yes</u>	<u>No</u>	<u>Remarks</u>
44. Have drainage fixtures, curbs, road shoulders and ditch slopes been finished out to prevent hazard to the public during use?			
45. Are ground surfaces in the project area graded to prevent water from collecting?			
46. Have all construction debris, tree cuttings, excess dirt, rubble and scrap been removed from the construction zone?			
47. Have all pits been filled in and graded to drain, underground tanks (including septic tanks) removed and holes backfilled?			
48. Are all waste products removed from the construction site, equipment yards and worker camps, including oil waste, scrap materials and equipment, building materials and domestic waste?			
49. Have all points of access (drives, walks) and utilities (water supply, power, communications) to public and private property been restored to original condition?			
50. Have all complaints by the local community and individuals been resolved by the Contractor?			
Score (44-50; 7 total)			(%)

Part C: Performance Tracking

Part C: Performance Tracking consists of three sections:

- a. Performance Follow-up, where performance shortfalls noted in prior monitoring are listed and checked against current monitoring results.
- b. Community Complaints, where issues raised by the affected community are registered, tracked and outcomes recorded.
- c. Performance Indicator Results, where environmental performance against indicators are recorded.

Section 1: Performance Follow-up

[illegible]

Section 2: Community Complaints

Column 1 Person Registering Complaint / Date	Column 2 Summary of Complaint	Column 3 Was agency responsible notified? / Date	Column 4 Was problem corrected before next monitoring?	Column 5 Was Person satisfied with Action?

Section 3: Performance Indicator Results

Project Name: _____ SIR No.: _____
 Package #: _____ Province: _____
 Project Start Date: _____

	Startup	Rev.	Q1	Q2	Q3	Q4	Average	Completion	Rev.	Final
Recording Date:										
8. Design and Preparations										
9. Worker Provisions										
10. Biodiversity										
11. Community Based Monitoring										
12. Community Values / Safety										
13. Hydrology/Water Pollution										
14. Project Completion										

Submittal Date: _____ For Calendar Quarter: _____

Inspector: _____

(Signature)

Annex 2- Reporting Procedures and Templates.

Reporting Procedures and Templates

Procedures

A series of reports are needed for environmental reporting on the IRDPCP – Additional financing

1. . These are summarized in the following table:

Type Of Report	Frequency	Responsibility	Submitted To Whom
Quarterly Subproject Compliance Report	Quarterly for each ongoing subproject construction package ¹	CSC	PPMU
Quarterly Provincial Compliance Report	Quarterly consolidating results for all subprojects underway in the province.	PPMU	CPMU/LIC
Semi-annual Environmental Performance Review	Every 6 months presenting results for all provinces	CPMU/LIC	ADB, AFD, DONRE, MONRE
Subproject Completion Report	At completion of subproject construction package	CSC	PPMU, forwarded to CPMU
Project Completion Report	At completion of Project	CPMU/LIC	ADB, AFD, DONRE, MONRE

2. Reporting is cumulative for subproject construction packages, provinces and in respect to elapsed time for subprojects and the overall project. For this reason, and because of the way the forms are set up, some data will be repeated in subsequent reports.
3. The Quarterly Subproject Compliance Report is prepared by the Construction Supervision Consultant (CSC). It consists of photocopies of Part C of the Environmental Compliance Monitoring Form once it is completed for the quarter: the Performance Follow-up Form, the Community Complaints Form, and the Performance Indicator Results. These are submitted by CSCs to the PPMU for every active subproject package within the province. A transmittal letter that itemizes the contents of the transmittal should accompany the photocopied forms. Electronic copies of the forms should also be sent by email attachment; the electronic versions should faithfully reproduce the contents of the forms completed in hard copy (ink). The hard copy is the official version and should be filed accordingly among the project records in the PPMU.
4. The Quarterly Provincial Compliance Report is prepared by the PPMU to summarize the Subproject Quarterly Compliance Reports. The report template is shown in the file <Quarterly Provincial Compliance Report.doc>. Use of the forms/tables found in the report template is described below.
- a. Table 1: Subproject Status is mostly self-explanatory. Enter the subproject name, its SIR number, the construction package number, the total contract duration, elapsed time to the end of the quarter, and percent complete, calculated as

¹ A subproject construction package refers to an individual, stand-alone construction contract. The subprojects are commonly divided into multiple construction contract packages; each package, or contract, has to be inspected, monitored and reported on separately. The distinction between “subproject” and “subproject construction package” is sometimes not made in the following description, but the latter is referred to whenever the construction phase of the subproject is underway.

$(\text{elapsed time}/\text{total time}) \times 100 = \text{percent complete}$

- b. Table 2: Quarterly Subproject Performance Indicator Results: For each subproject construction packages, the date and SIR # / package # for the contract is entered on the form. Subproject packages are entered chronologically from top to bottom on the form (columns 1 and 2). Quarterly data for a particular subproject package from the Quarterly Subproject Compliance Report, Section 3 Part C of the Environmental Compliance Monitoring Form, are entered into the form in accordance with the following:
1. If any of the five indicators that may undergo revision (1—4 and 7) has been revised during the quarter (see instructions for this form), the revised value is entered in the form. Otherwise use the original value.
 2. The values for indicators 5 and 6 for the current quarter are entered into the form.
 3. The average of all indicators for which there are recorded values is entered in the right-hand column (in other words, do not include blank fields in calculating the average).
- c. Table 3: Quarterly Provincial Performance Indicator Results: For each of the seven indicators, e.g. the columns containing indicators 1—7 in Table 2, the average of all subprojects for which there are recorded values is calculated and entered into the appropriate field. An overall average is calculated, as indicated by the table. (This number is used in the template text, preceding paragraph. Also, the text requires selection of good/ average/bad to describe provincial performance in environmental mitigation: this is based on the average value, bottom right, Table 3, with “good” > 75%; “average” 25—75%; poor < 25%.)
- d. Table 4: Rank Order of 10 Most Common Performance Shortfalls: The table is based on data found in the Environmental Compliance Monitoring Form Part 3 Section 1. The instances of negative ratings for performance variables during the quarter need to be counted. The top 10 variables in terms of frequency are entered into the form and the number of instances recorded. As a check, this number cannot exceed the number of active subprojects underway during the quarter.
- e. Table 5: Rank Order of 10 Most Common Exclusions: An “exclusion” is a performance shortfall that is carried over from one quarter to the next. The system allows for correcting a shortfall within one quarter; otherwise the failure to mitigate comes under scrutiny as explained in the report template text. Following evaluation, the CPMU, in conjunction with PPMU, may decide the measure should be “excluded” from the list of mitigation requirements, hence the name. This table is intended to flag what might be considered a “persistent problem” in implementing a mitigation measure. The information is determined by reviewing the Environmental Compliance Inspection Form Part 3 Section 1 for repeated instances of a mitigation measure not being complied with. These are tallied (counted) across all active subprojects and the top 10 variables in terms of frequency are entered into the form and the number of instances recorded.

Note there can be no instance of an exclusion until a subproject has been underway for at least six months, in time for two reporting periods to elapse.

If there are no exclusions on any subproject for the period, the sentence in the previous paragraph “*Exclusions for the current quarter (e.g. performance shortfalls from the previous quarter that have gone uncorrected) are listed in Table 5 (Rank Order of 10 Most Common Exclusions)*” should be deleted from the text along with the table itself and the following statement entered in its place:

“There are no exclusions for the current quarter.”

- f. Table 6: Incidence of Complaints on Subprojects: This table tallies for each active subproject package the number of complaints recorded during the quarter on the Environmental Compliance Inspection Form Part 3 Section 2. No further analysis of data is expected.
5. The Semiannual Environmental Performance Review may be either a section of the overall semi-annual report or a separate (stand-alone) document. The template is set up as a separate document; if treated as a section in a larger report, cover and contents list should be omitted. The report is prepared by the CPMU/LIC to summarize the Quarterly Provincial Compliance Reports. The report template is shown in the file <Semiannual Environmental Performance Review.doc>. Use of the forms/tables found in the report template is described below.
- a. Table 1: Subproject Status by Province is mostly self-explanatory. Enter for each province the number construction packages started, the number completed and the number currently active at the end of the reporting period. The information is derived from the most recent provincial quarterly reports, Table 1, Subproject Status.
 - b. Table 2: Performance Indicator Results by Province: For each province, enter the number of active subproject construction packages and the averages for each performance indicator across all active subprojects. These data are taken from the most recent provincial quarterly reports, Table 3, Quarterly Provincial Performance Indicator Results. Calculate and enter overall performance to date (average of all indicators for a particular province).
 - c. Table 3: Performance Indicator Results for the IRDSPCP– Additional financing: For each of the seven indicators, e.g. the columns containing indicators 1—7 in Table 2, the average of all provinces is calculated and entered into the appropriate field. An overall average is calculated, as indicated by the table. (This number is used in the template text, preceding paragraph. Also, the text requires selection of good/ average/bad to describe performance in mitigation: this is based on the average value, bottom right, Table 3, with “good” > 75%; “average” 25—75%; poor < 25%.)
 - d. Table 4: Rank Order of 10 Most Common Performance Shortfalls: The table is based on data from tables of the same title found in the provincial quarterly reports. The number of negative ratings for specific performance variables for both quarters making up the semi-annual period need to be determined from these tables. The top 10 variables in terms of frequency are entered into the form and the number of instances recorded.
 - e. Table 5: Rank Order of 10 Most Common Exclusions: The table is based on data from tables of the same title found in the provincial quarterly reports. The number of exclusions for specific performance variables for both quarters

making up the semi-annual period need to be determined from these tables. The top 10 exclusions in terms of frequency are entered into the form and the instances recorded.

If there are no exclusions shown on any of the quarterly reports for the period, the sentence in the previous paragraph “*Exclusions for the current reporting period are listed in Table 5 (Rank Order of 10 Most Common Exclusions)*” should be deleted from the text along with the table itself and the following statement entered in its place:

“There are no exclusions for the current reporting period.”

- f. Table 6: Incidence of Complaints by Province: The table is based on data from tables found in the provincial quarterly reports. The number of complaints per province for both quarters making up the semi-annual period need to be determined from these tables.
6. Subproject Completion Report is prepared by the Construction Supervision Consultant (CSC). It consists of Part C of the Environmental Compliance Monitoring Form once the subproject package has been completed: the Performance Follow-up Form, the Community Complaints Form, and the Performance Indicator Results. These are submitted by CSCs to the PPMU for every active subproject package within the province. The PPMU will approve, certify and forward these reports to the CPMU.
7. Project Completion Report: It will likely be based on a synopsis of the semi-annual reports, perhaps with some trend analysis of data from tables therein.

APPENDIX 2: Supplementing measures to avoid risks caused by Covid-19 for on-going civil work packages

Measures to avoid risks caused by Covid-19 for on-going civil work packages

Contractors must be responsible for applying measures to prevent the Covid 19 disease at site, guaranteeing health and absolute safety for laborers, in specific as follows:

- Monitoring staff and workers' health by measuring body temperature twice a day at the beginning of work shifts. Staff, engineers and workers must wear face mask and protection equipment, and limit the distance among people of under 2 meters.
- If any staff or worker at site is infected with Covid-19, quarantine must be carried out and the case must be reported to Steering Committee of Covid-19 Prevention of the commune or ward where construction is implemented; all construction activities must be paused until there is confirmation from the Steering Committee that it is not Covid-19
- All workers must declare their health status using a software provided by the Ministry of Health and it must have records with clear details
- Crowd gathering must be avoided before, during and after work. Construction teams should be divided into small ones with not over 10 people per team.
- For workers in localities with infected cases, contractors are required to clearly identify the travel and contact itinerary to early identify risks of contagiousness, if any. For workers staying at site, their individual activities must also be closely monitored.
- Right at the entrance and exit of the workers' camp, a barrier must be set up to prevent workers going out for entertainment in residential areas at night. Antiseptic solution must be placed in various positions in the camps. The construction site must be protected and people from outside must not enter the site.
- Ensuring food safety for workers. Equipping helmets with splash glasses to support cooks when going to the market to buy food and cooking for workers.
- Workers who have been working since Tet holiday would not be allowed to go home except in urgent cases, and company's workers from other places would not be mobilized to enter the site, local workers would be limited for hiring. This is not only to stabilize the workforce on schedule, but also to protect the health of workers and the community.
- Organizing to clean the whole construction site, cooperating with health agencies to disinfect the site and neighbouring areas, ensuring environmental hygiene.
- Camps need to be cleaned and equipped with medicine cabinets and thermometers to check body temperature when needed.
- Unless the construction works ensure the Covid 19 pandemic prevention, they will be penalized, even delayed construction.
- Construction supervisors need to monitor the compliance of risk prevention measures of the contractors and include this target in the monthly environment monitoring report submitted to PPMU. PPMU should include the target of implementing Covid-19 prevention measures in quarterly environment monitoring report submitted to CPMU/LIC to make a basis for preparing the semi-annual report.

APPENDIX 3: Pictures at the site of Subprojects from January to June 2020



Drainage canal of Dak Trit Subproject (Additional work) -Kon Tum Province



Pak Po Pumping Station of Dak Po Subproject - Gia Lai Province



At Bridge No 2 of Buon Tria Subproject -Dak Lak Province



Road of Aquaculture variety Centre of Dak Mil Subproject (Additional work) – Dak Nong Province



Quang Loc Weir of Dak RLap subproject (Additional work) -Dak Nong Province



Head work and Road Management of Da Don Subproject -Lam Dong Province