

Environmental and Social Monitoring Report

Project Number: 48141-001
Semi-Annual Report
July - December 2020
March 2021

FIJI: Transport Infrastructure Investment Sector Project

Prepared by Fiji Roads Authority for the Ministry of Economy and the Asian Development Bank.

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Semi-Annual Safeguards Monitoring Report: Environment and Social

ADB Project Number: 48141
ADB Loan Number: 3210-FIJ
WB Project Number: 150028
Reporting period: July - December 2020

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Prepared by
Fiji Roads Authority

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ABBREVIATIONS

ADB	Asian Development Bank
CESMP	Construction Environmental and Social Management Plan
CPP	Consultation and Participation Plan (for the project)
CRC5	China Rail Company No. 5 (SARUP 1 contractor)
CSS	Country Safeguard System
DOE	Department of Environment
DSC	Design and Supervision Consultant
EIA	Environmental Impact Assessment
EMU	Environment Management Unit
ESMF	Environmental and Social Management Framework
ESMP	Environmental and Social Management Plan
FTIIP	Fiji Transport Infrastructure Investment Project
FRA	Fiji Roads Authority
GOF	Government of Fiji
GRM	Grievance Redress Mechanism
HIV/AIDS	Human Immunodeficiency virus / acquired immunodeficiency syndrome
LARF	Land Acquisition and Resettlement Framework
LARP	Land Acquisition and Resettlement Plan
MOE	Ministry of Economy
MOWE	Ministry of Waterways and Environment
MOU	Memorandum of Understanding
MWTPU	Ministry of Works, Transport and Public Utilities
NTC	Notice to Contractor
PST	Project Supervision Team (in FRA)
Qoliqoli	Traditional beach, lagoon and reef areas
SARUP	Suva Arterial Roads Upgrading Project
SPS	Safeguards Policy Statement 2009 (of ADB)
WB	World Bank

1 INTRODUCTION

1.1 Description of the Project

Background. The Transport Infrastructure Investment Sector Project (the project) is financed under joint Asian Development Bank (ADB) and World Bank (WB) loans with counterpart funding from the Government of Fiji (GOF). On behalf of the GOF the executing entity is the Ministry of Economy (MOE) and the project is being implemented by Fiji Roads Authority (FRA). The Project supports the GOF Roadmap for Democracy and Sustainable Socio-Economic Development, which emphasizes the lack of transport as a constraint for Fiji's economic and social development. It also responds to the requirements of the new 2013 Constitution of Fiji, which states that: "The state must take reasonable measures within its available resources to achieve the progressive realization of the right of every person to have reasonable access to transportation." (34(1)). As approximately 55% (412,425) of Fiji's population lives in the rural areas, and approximately 44% of rural people live in poverty, improving service delivery and income opportunities for the rural population is a key priority.

Table 1-1: Basic Project Information

Parameters	Information
Contract No	FRA TIISP 16-01
ADB – Project No Loan No	48141 – 001 3210-FIJ
WB – Project No Loan No	P150028 8482-FJ
Description of works	Drainage associated with road re-construction (e.g. clearing water channel, associated extension or possible replacement of substandard culverts and headwalls); Minor earthworks; Road sealing and re-sealing; Street-lighting, guard rails, traffic signals; Kerb, channel and footpath improvements; Existing pavement upgrade and asphalt concrete finish; and Repair and improvements of crossings
Engineer	Dr. Charles Ward
Title of report	Semi-Annual Environmental and Social Safeguard Monitoring Report
Period covered by report	July 2020 – December 2020

Project impact and outcome. The impact of the Project will be improved access to markets, employment opportunities and social services. The outcome will be safer, efficient, resilient land and maritime transport infrastructure in the project area. There are two main outputs: (a) rehabilitated and climate resilient land and maritime transport infrastructure; and (b) efficient project management support and institutional strengthening. The second output is to ensure the capacity of Fiji transport agencies and related departments to manage bridge, road, and jetty assets is improved and strengthened to provide higher levels of accountability, improved levels of service and increased transparency in project implementation and delivery.

Project activities comprise physical works including new infrastructure and/or the upgrading, renewal, rehabilitation and/or repair of public roads, designing bridges and/or rural maritime infrastructure in Fiji and non-physical activities such as institutional strengthening and capacity

building within the transport sector. The project is being implemented following a sector loan modality. The nature of a sector project is that all types of subprojects to be undertaken are known in general terms but only a small number of sub-projects are identified at the project preparation stage. A sector project provides for subprojects to be identified and prepared during implementation. Subprojects will be identified and prioritized following the agreed selection process which includes each subproject meeting a set of criteria. The Project Steering Committee will approve subprojects and the approved list will be forwarded to ADB and WB for no objection.

Purpose of the report. This semi-annual environmental and social monitoring report covers the period 01 July to 30 December 2020. It is prepared by the Environment Management Unit (EMU) under the Project Supervision Team (PST) in FRA. The report is prepared in accordance with the project's Environmental and Social Management Framework (ESMF) and the environmental monitoring and reporting requirements set out in the Project Administration Manual, Project Loan Agreement and Project Agreement as well as the ADB Safeguard Policy Statement 2009 (SPS) and World Bank Operational Policy (OP). On 14 August 2019 FRA submitted a proposal for the merging of the safeguard reports (i.e. environmental and social) into one as it was being both reported by the EMU. This was agreed to on the 28 August 2019 when the Semi-Annual Report for the period of 01 July to 31 December 2018 was accepted by ADB and WB.

Currently there is no Social Safeguard officer to undertake reporting on social safeguards compliance. The role has been temporarily delegated to the internal Environment and Lands team who inspect and report ongoing ADB/WB projects whereas the Gender safeguard is currently looked after the Communications Officer. The Social Safeguards Specialist role was advertised by FRA in December of 2020, recruitment of this specialist is ongoing. The position has now been vacant for about one and a half years. FRA understands this is a breach of the Project Loan Agreement and continues to work towards filling the role.

1.2 Process for Safeguards Compliance

The ESMF and the Land Acquisition and Resettlement Framework (LARF) covering land access, establish the process and procedures to be followed by each subproject to ensure they comply with the Fiji country safeguards system (CSS) and the requirements of SPS and OP. The LARF was updated during the November 2017 mid-term review.

The ESMF applies to all subprojects implemented by the project in transport sub-sectors of: (i) rural maritime infrastructure (including wharves and jetties), but excluding the main port infrastructure (which is under Fiji Ports Corporation Ltd) (ii) roads (including national main roads, municipal and rural roads), and (iii) bridges.¹ The objective of the ESMF is to ensure that the project follows the requirements as set out in national law² in order that environmental and social impacts within these transport sub-sectors are appropriately identified and mitigated to acceptable levels. The ESMF approved during project appraisal was updated in 2016 to

¹ Note that following the project restructuring during this reporting period, the bridge and wharf construction will no longer form part of this project. Instead, detailed designs will be completed for the identified bridges and wharfs, construction of these infrastructure may be funded under a separate and future project.

² The ESMF follows the requirements of Fiji laws supplemented as necessary to ensure that the objectives and principles of SPS and OP 4.01 are complied with.

reflect some matters that were not anticipated during project preparation but which have come to light through the screening of subprojects since the project has been under implementation. Based on experience with other similar projects, it is anticipated that most impacts will be site-specific and can be readily mitigated, as the roads, bridges and jetties/wharfs are already present and most works will be repair and/or reconstruction at their existing location, i.e., existing corridors and structural footprints.

The first stage in the safeguards due diligence is screening of subproject impacts to determine the potential risks and required level of assessment as well as the type of safeguards documents/instruments required, these has been undertaken by the previous reporting period.

The significance of the project's environmental impacts determines the environmental categorization of the project. As most sub-projects relate to existing structures, it is likely that each sub-project will be Category B or C.³ The PST completes the screening forms and determine the appropriate categorization based on the definitions above and the detailed screening forms included in the ESMF. The PST has further developed and adapted the screening forms. ADB and WB will jointly review the FRA determination and provide a no objection to commencement of the required level of due diligence. The screening and project descriptions prepared will be submitted by the FRA as part of the screening application to Ministry of Waterways and Environment (MOWE).

For subprojects with low level impacts and risks that do not require additional data and analysis—category C—an environmental and social management plan (ESMP) may be prepared to address construction-related and site-specific environment and social issues rather than a full EIA study (for example installation of street lights, guard rails or traffic signals or straight forward road re-sealing). An outline of a simple ESMP, based on Fiji's Environmental Code of Practice (COEP), has been prepared and will be adapted by the PST to add any subproject specific risks and required mitigations as relevant. The ESMP will be included in the bid and contract documents.

An environmental and social impact assessment (ESIA) will be prepared for subprojects that will require additional specific data/information and further analysis to determine the full extent of environmental and social impacts, which cannot be supplied only by an ESMP and/or an COEP; these projects are category B. The ESIA will include an ESMP that will address impacts and identify mitigations measures during pre-construction, construction and operations stages. The ESMP will also include measures to mitigate the impacts of temporary use of land (and associated impacts). Examples of sub-projects requiring an ESIA would include bridge works involving civil works, major rehabilitation works, installation of new culverts, minor realignment of a road, and new or relocated jetties/wharves.

The ESMP and ESIA will be reviewed and cleared by ADB/WB prior to submission to MOWE for clearance under the country system. Additional permits may be required for some project i.e. permit from Department of Lands under the Rivers and Streams Act for crossings and bridge subprojects.

As per the screening form to be prepared following the LARF, any subprojects requiring

³ Category A projects are not eligible for financing under the project.

temporary use of land (and associated impacts) will be addressed through measures to be included in the ESMP.⁴ Based on the ESMP from the ESIA, the contractor has prepared their construction CESMP which will set out their construction methodology and include site-specific plans as required.

Table 2-1: LARF Form Social Safeguard

Screening Form				
Project Title: Subproject:		Loan No: Date:		
Location and impact area:				
Answer below with tick or cross in yes, no or not known column, do not place NA in the columns.				
Probable Land Acquisition/Resettlement Effects	Yes	No	Not Known	Remarks
Temporary Use of Land				
Will the subproject need land for a diversion, camp, work yard or other requirement during construction period?				
Will the temporary use of land require removal of crops and/or trees?				
Will the temporary use of land create partial or full impacts on a main structure (house or commercial building)?				
Will the temporary use of land create impacts on livelihoods or income generating assets?				
Acquisition of Land				
1. Will there be land acquisition?				
2. Is the site for land acquisition known?				
3. Is the ownership status and current usage of land to be acquired known?				
4. Will easement be utilized within an existing Right of Way (ROW)?				
5. Will there be loss of shelter and residential land due to land acquisition?				
6. Will there be loss of agricultural and other productive assets due to land acquisition?				
7. Will there be losses of crops, trees, and fixed assets due to land acquisition?				
8. Will there be loss of businesses or enterprises due to land acquisition?				
9. Will there be loss of income sources and means of livelihoods due to land acquisition?				
Restrictions on land use or on access				
10. Will people lose access to natural resources, communal facilities and services?				
11. If land use is changed, will it have an adverse impact on social and economic activities?				
12. Will access to land and resources owned communally or by the state be restricted?				
Information on Displaced Persons:				
Any estimate of the likely number of persons that will be affected by temporary use of land during construction period? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				
If yes, approximately how many? _____				
Any estimate of the likely number of persons that will be displaced by the Project? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				
If yes, approximately how many? _____				
Category for resettlement impacts ¹ : A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>				
Are any of them poor, female-heads of households, or vulnerable to poverty risks? <input type="checkbox"/> No <input type="checkbox"/> Yes				
Are any displaced persons from indigenous or ethnic minority groups? <input type="checkbox"/> No <input type="checkbox"/> Yes				

⁴ The mitigation measures will be as per the entitlements set out in the LARF.

2 IMPLEMENTATION OF THE ESMF

1. Roles and Responsibilities for ESMF Implementation and Monitoring

Overall roles and responsibilities for environmental and social risk management as per the ESMF are outlined in Table 2-1. These have not changed during the monitoring period.

Table 3-1: Roles and Responsibility for Environmental and Social Management

Party	Roles and Responsibility
GOF-MOE	<p>Guide the development of the project and institutional arrangements for the lifetime of the project</p> <p>Ensure FRA has budget and resources to implement the project</p> <p>Ensure that GOF complies with loan covenants and project agreements</p>
FRA	<p>Ensure that the PST is fully staffed and functional during the entire period of project implementation</p> <p>Recruit, administer and supervise project management and technical consultants as required to assist the PST deliver the project</p> <p>Maintain website to facilitate disclosure of project information</p>
PST	<p>Ensure compliance with grant covenants, project agreements, ADB's guidelines, procedures, and policies</p> <p>Provide day-to-day support for project preparation and implementation activities</p> <p>Review consultants' reports and ensure the outputs are suitable to the project objectives and government policies and regulations</p> <p>Undertake screening of each subproject and submit to ADB/WB for no objection</p> <p>Submit safeguards due diligence reports and documents to ADB/WB for review and clearance</p> <p>Submit reports and documents for clearance under GOF systems (laws and regulations)</p> <p>Provide support as required to contractor as they prepare their construction ESMP (CESMP)</p> <p>Review and clear CESMP (including ADB review) prior to contractor commencing any activities on site</p> <p>Provide information to FRA for disclosure on the project page on FRA website</p> <p>Maintain the overall project grievance redress mechanism (GRM) registry/record sheet and summarize for disclosure on project webpage</p> <p>Review contractor implementation of GRM</p> <p>Inspect and audit supervision consultant's monitoring and contractor compliance with approved CESMP</p> <p>Submit periodic reports, including semi-annual safeguards monitoring reports, to ADB/WB and executing agency</p>
ADB/WB	<p>Review project implementation through missions and review of reports</p> <p>Provide clearances (no objection) to required reports/documents, bid documents and bid evaluation reports, contract awards, CESMP, monitoring reports. Disclose reports</p> <p>Provide support and assistance to FRA and PST as required</p>
Contractor	<p>Prepare and implement CESMP</p> <p>Ensure all workers are aware of CESMP provisions and requirements</p> <p>Ensure all workers are aware of project's GRM and maintain GRM registry/record sheet</p> <p>Designate an environmental, health & safety officer responsible to oversee, monitor and record implementation of CESMP</p> <p>Report on CESMP implementation on a monthly basis to PST</p>

3 MONITORING RESULTS

3.1 Status of ESMF Implementation

This reporting period covers the second half of 2020 (i.e. 01 July - 30 December 2020) where reporting of the environmental and social safeguards implementation and monitoring results continue⁵ however both the environment and social elements are combined into one report (1). The process and procedures outlined in the project's ESMF are being followed. Table 3.1 shows the status of review and clearance of screening and due diligence documents prepared by PST and submitted to ADB/WB and MOWE for review and clearance.

PST continued to work closely with all relevant stakeholders in the effort to ensure that all due diligence and regulatory approvals are obtained prior to implementation of any project. Only one sub-project was active during this reporting period:

- Road Reseals Variations (Western, Central & Northern)

The other sub-projects under inception (tender phase) are:

- Kings Road Rehabilitation; and
- Queens Road Rehabilitation

The EMU continues to conduct random inspections of the subprojects and, through the Engineer, has issued several written instructions via environmental monitoring checklist to improve compliance and environmental performance. Currently there is no Social safeguard checklist. However, the Environment team will formulate a checklist which will consider all social aspects and this will implement in the next reporting period.

Suggestions for improved site monitoring and inspection checklists that was developed by ADB and FRA on 06/11/17 to better reflect the types of works and activities currently being used for this subproject. The EMU during this reporting period had used its checklist to assess if there were any environmental non-compliances. The existing Road Reseals Contractor, Higgins, has since been monitoring according to this checklist and have been submitting their progress reports to FRA Engineers. During this reporting period all divisional sub-project sites mentioned above were active. The respective divisional General Managers are tasked to overlook the project and assisted by on-site engineers. No new recruitment was undertaken for environmental staffing to undertake the monitoring and all inspection was undertaken by FRA divisional environment officers.

Contractor, in this reporting period has submitted their CEMP (Revision 7), EMU team has reviewed the plan provided their comments back (Annex 3). FRA EMU team currently have four people and may require additional staffs to ensure effective inspection and supervision of active contractors and subprojects. Existing FRA EMU Environment Officers currently cover all FRA projects and investments and not just TIISP, as the work program expands.

⁵ The first joint semi-annual environmental and social monitoring report covered the period from July 2018 – December 2018 to ease report writing due to the absence of a dedicated social safeguard officer.

The summary of due diligence status of the sub-projects is reflected in table 3.1 below, reflecting the closed and ongoing sub-projects.

Table 4.1: Status of Due Diligence of subprojects

Project	Screening			Safeguards due diligence dox prepared					Submission to MOE (under EMA)		
	Land	Environment	No Objection ADB/WB	Land	Environment	Review & comments	No Objection ADB/WB	Screening application submitted	MOE confirmation no EIA required	MOE clearance of EIA OR ESMP submitted	Project Closure Status
Streetlighting (3)	C	C	11-Sep-15	LARDD	ESMP	Minor comments addressed	11-Sep-15	NA	10-May-16	NA	Closed
Matewale Crossing	PPTA	PPTA	PPTA	PPTA	PPTA	Cleared	PPTA	13-May-16	NA	27/10/2016	Closed
SARUP 1	C	B	03-Feb-16	LARDD	EIA	Rev. requested Mar-16	12-May-16	NA	22-Feb-16	NA	Closed
Mass Action Guard Rails	C	C	09-Mar-16	LARDD	ESMP	Rev. requested 18-May-16	31-May-16	NA	10-May-16	NA	Closed
Traffic Signals Installation	C	C	09-Mar-16	LARDD	ESMP	Rev. requested 19-May-16	31-May-16	NA	10-May-16	NA	Closed
Urban Streetlights	C	C	09-Mar-16	LARDD	ESMP	Rev. requested 19-May-16	31-May-16	NA	10-May-16	NA	Closed
Rural Streetlights	C	C	09-Mar-16	LARDD	ESMP	Rev. requested 19-May-16	31-May-16	NA	10-May-16	NA	Closed
Road Reseals (West, Central & North)	C	C	26-Apr-16	LARDD	ESMP	Rev. requested 15-Jun-16	31-May-16	16-Jul-19	30-Jul-19	N/A	Ongoing with proposed variation
Unsealed Road Upgrade Programme	C	B	21-Jun-16	LARDD	ESMP	Rev. requested 02-Jan-18	TBD	13-May-16	TBD	NA	Closed
Solovi 1 & 2 and Rabaraba	B	B	20-Feb-17	LARP	EIA	Rev. requested 21/28 Mar-17	29-Aug-17	18/02/16, 19/02/16 & 04/09/2015	18/02/16, 19/02/16 & 04/09/2015	19-Apr-16 and 27-Oct-15	Closed
SARUP 2	C	B	12-Apr-18	LARDD	EIA	Minor comments addressed	29/05/2018	Feb-18	20-Apr-18	31-May-18	Contractor Terminated, in the process of re-tender
Kings Road Rehabilitation	C	B	26-Mar-19	LARDD	EIA	NA	NA	21-Dec-19	03-Jul-19	To be prepared by successful Contractor.	TBD
Queens Road Rehabilitation	C	B	19-May-20	LARDD	EIA	Rev Requested	20/07/2020	13-May-20	19-Jun-20	TBD	TBD

4 SUB-PROJECT STATUS

4.1 Site Updates

a) Road Reseals

For this reporting period, sites in all divisions were active. Works carried out revolved around enabling works, maintenance of existing infrastructure (drainage and high shoulder removal works) and road markings. Information dissemination to the communities is through village headman and community reps and vice versa.

No major environmental and social issues were recorded or noted, thus, no instruction notice to Higgins were raised to address non-compliance matters (address a non-conformity or to improve environmental performance). EMU team in this reporting period, mostly dealt with issues concerning waste management i.e. mud/muck excavated during drainage and high shoulder removal works).

In the central division, a total of five (5) locations were identified and only three (3) were approved to be utilized as dumpsites/stockpiles areas. All relevant consent from Land Owning Unit (LOU) were acquired and consultations with Landowners were undertaken. The consents in form of an NTE (Notice to Engineer) is attached in annex 4.

One of the sites is currently used as a dumping site whereas the other two sites are utilized as a stockpiling area for aggregates.

Potential environmental impact of utilizing these approved sites is quite minimum because of its existing nature, these sites were previous stockpile area for Past maintenance works that was undertaken by a former contractor, FRA has approved site with conditions and as part of the conditions of the approval is to level and compact site when it is not operational to its original state as part of their rehabilitation works.

There has only been two (2) environmental/social safeguard issues.

- Water ponding during drainages works
- Mud/silt coming onto roads

Both issues have been rectified by contractor in a timely manner (Annex 1: Central Division)

For the northern division, only one (1) site was approved for waste disposal from drainage clearing. Other waste materials have been and will continue to be discarded at DoE approved landfill site. No environmental or social issues has been identified. No issues have been recorded or noted for the western division as well.

b) Queens Road Rehabilitation

Queens Road A and B Civil Works Tender will close in Q1 2021 and commencement is expected by the end of March 2021. However, works cannot commence without the approval of the CEMP by ADB & WB.

c) Kings Road Rehabilitation

Kings Road A and B civil works tender has closed and the contracts will be awarded in January and February 2021. However, works cannot commence without the approval of the CEMP by ADB & WB.

4.2 Addressing Grievances

a) Road Reseals

The PST continues to conduct random inspections of the reseals subproject and through the FRA's Engineer have recorded no complaints regarding environmental and social safeguards non-compliance in this reporting period. However, the PST is closely working together with the contractor to ensure that all the environment and social safeguards aspect is addressed.

5. CONSULTATION, COMMUNICATION & GRIEVANCE REDRESS

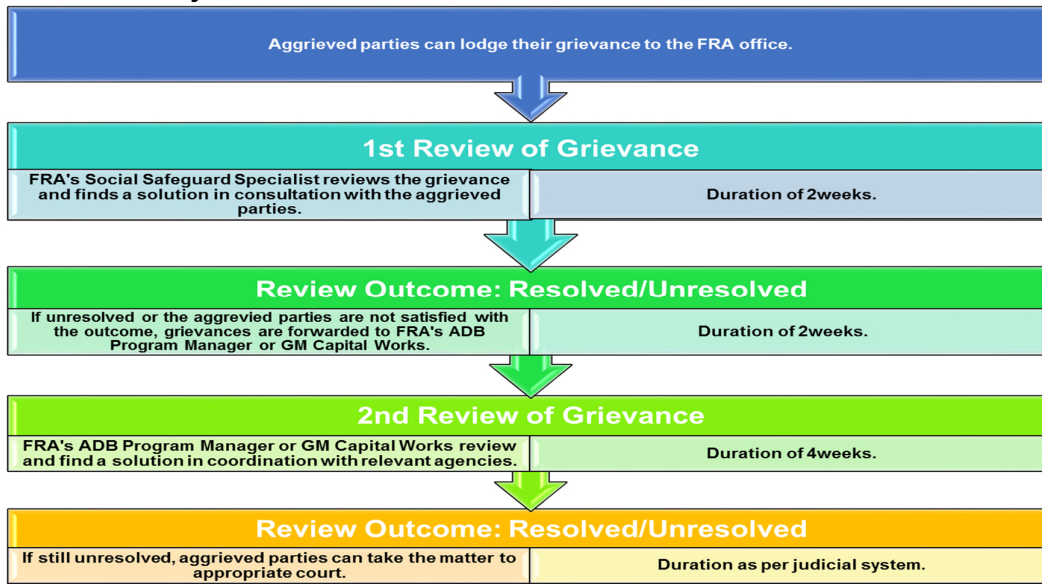
The project's consultation and communications plan (CCP) Figure 5.1 below is being implemented across project activities and is a continuous process. For this reporting period, consultation was undertaken by the contractor and FRA rep to acquire consent from landowners for temporary land acquisition in regards to stockpiling and dumping. Subproject safeguards due diligence, and media releases associated with the sub projects were done in the previous reporting period and relevant information disseminated through the Village Headman and community reps when it is required.

The project has established a grievance redress mechanism (GRM) which is being implemented by FRA and is required to be implemented by each contractor. The GRM is shown in figure 5.1. The key functions of a GRM are to:

- Record, categorize and prioritize the grievances;
- Settle the grievances in consultation with complainant(s) and other stakeholders;
- Inform the aggrieved parties about the solutions; and
- Forward the unresolved cases to higher authorities.

The PST monitors the GRM as implemented by contractors and summarizes the GRM registry/record sheet in monthly and quarterly progress reporting. In this reporting period, no grievances or complaints has been received through FRA and contractor.

Figure 5.1: The Project’s CPC/GRM



6 INSTITUTIONAL STRENGTHENING & CAPACITY BUILDING

ADB successfully conducted social safeguard training on the 16th and 17th of September 2020 on Land Acquisition and Involuntary Resettlement. FRA environment, lands, legal and communication teams were part of the training

In addition, the WB with SPREP conducted a virtual training on Environment and Social Safeguards from 11th November to 3rd December 2020. FRA, together with the safeguards staff, nominated a few technical staff to be part of the training as well.

7 SAFEGUARD ACTIVITIES IN THE NEXT QUARTER

Monitoring of ongoing Road Reseals sub-project and probable review of the Contractors CEMP for the Kings Road Rehabilitation sub project. The categories of this projects have been determined and all due diligence will be carried out accordingly

8 COMPLIANCE WITH COVENANTS & AGREEMENTS (COVID 19 HEALTH AND SAFETY PLAN)

Based on the foregoing, the project is partially complying with the loan covenants covering safeguards matters and project agreements and requirements, however more effort needs to be directed on compliance monitoring and reporting by onsite engineers and Contractors once all planned subprojects are fully operational.

A memorandum was sent on the 16/06/20 by ADB in regards to the COVID 19 outbreak that posed a significant health and safety risk that were not anticipated at the project appraisal stage. Due to this, Contracts that have been awarded (i.e. only Road Reseals sub-project) have been required to update their Health and Safety Plan and Emergency Response Plans to be aligned with any relevant government regulations and guidelines on COVID 19 prevention and control. This has also been rectified by FRA for Projects with contracts yet to be awarded such as the Kings and Queens Road Rehabilitation with an addendum to include this specific requirement and has also received no objections on 21/07/20 from ADB/WB. All

future Contracts by FRA for TIISP will from now onwards will have this reflected until such time it may be reviewed.

The next semi-annual safeguards monitoring report for environment and social elements will cover the period January – June 2021 and will be submitted before end of July 2021.

Annex 1 – Subproject Photos

1. Road Reseals (Variation) Sub-Project

Northern Division

Before	After
 A photograph showing a road surface before a reseal. The road is partially covered with a layer of green grass and weeds. The surrounding area is a grassy embankment. <p>Nabouwalu Rd RP51499 Tue, April 07, 2020 09:58AM</p>	 A photograph showing the same road after the resealing process. The road surface is now a smooth, dark asphalt. The grassy embankment has been replaced with a layer of reddish-brown soil. <p>Nabouwalu Rd Site 24 Wed, October 07, 2020 02:06pm</p>
 A photograph showing a road before a reseal. The road is partially covered with a layer of green grass and weeds. The surrounding area is a grassy embankment. <p>Nabouwalu Rd Site 21 Thu, October 29, 2020 12:19pm</p>	 A photograph showing the same road after the resealing process. The road surface is now a smooth, dark asphalt. The grassy embankment has been replaced with a layer of reddish-brown soil. <p>Nabouwalu Rd Site 21 Wed, November 04, 2020 05:01pm</p>
 A photograph showing a road before a reseal. The road is partially covered with a layer of green grass and weeds. The surrounding area is a grassy embankment. <p>Nabouwalu Rd RP53568m Wed, October 14, 2020 01:03pm</p>	 A photograph showing the same road after the resealing process. The road surface is now a smooth, dark asphalt. The grassy embankment has been replaced with a layer of reddish-brown soil. A white chalk marking 'K57' is visible on the road surface. Orange traffic cones are placed along the edge of the road. <p>Nabouwalu Rd Site 24 CH53568m Mon, October 19, 2020 11:28am</p>

Central Division

Figure 2 Matanipusi: Approved Area for Dumpsite/Stockpile Material



Figure 1 Naboutini: Approved Area Dumpsite/Stockpile Material



Before

After



Annex – 2 Breakdown of Issues extracted from Road Reseals Stakeholders Register

No.	Date	Stakeholder	General Information/Enquiry	Environmental Issue	Noise Issue	Dust Issue	Drainage Issue	Property Boundary Issue (Power/WAF/TFL)	Accessway Issues	Workers Issues	Traffic Issues	Vibrations Issues	Other Issues	Communication Issue Details	Responsibility	Action taken	Contact Person	Status	Priority	Date Resolved	Location
32	02/07/20	FRA												Sub- Contractor (S Kumar) had cones on site that were not to specification of Delanation devices. They were 700mm in height.	Higgins	Site Engineer and Supervisor to take note of the issue and ensure all site safety and on-site traffic management plan is as per the plan. Higgins to monitor and control Sub-Contractors working under this project.	Richa (Project Manager)	Complete	Medium	03/07/20	Tavarau, Kings Road
34	13/07/20	EFL												240volts EFL live cable located at the stockpile was damaged while one of the dumper trucks were dumping waste material.	Higgins	Final incident report pending	Richa (Project Manager)	Complete	High	20/07/20	Kings Road

35	27/07/20	FRA	Mud/Muck from clearing water channel on site 18 Ch.13050- Ch.13610 was dumped on the approved dump site area by Togalevu Village. However, the client had instructed Higgins to remove the unwanted material from the dump site and also the material that was dumped within 5m from the road shoulder. During the pursuit of removing the Mud/Muck higgins crew was approached by the Village Headman and was stopped from removing the waste material that was dumped on the village land. The village headman requested that the Mud/Muck material be left where it is so that the village people could make good use of it in the future and for that reason he did	Higgins	Mud/Muck within 5m of the road shoulder has been cleared on the 25/07/2020. Please refer to the photographic log.	Richa (Project Manager)	Complete	Medium	25/07/20	Queens Road (Site 18 Ch.13050- Ch.13610)
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39	18/08/20	FRA	<p>Disposal of Waste Material at Unapproved Stockpiles</p> <ul style="list-style-type: none"> • Inadequate supervision of sub-contractor truck (Driver) of transport and dumping of waste material at approved dumpsite • Inadequate monitoring of waste material removed from site and dumped at stockpile • Residents requesting for waste material for cash and kind - A subcontractor truck driver took the opportunity and accepted cash and kind for delivery of loads of waste material to residential owners adjacent to the stockpile areas. 	Higgins	<p>1. Supervisor to ensure all works are carried out in accordance with the specification</p> <p>2. Remove waste material from unapproved stockpiles and dispose at an approved dumpsite</p> <p>3. Material taken by residents for the purpose of compound extension, driveway improvement - Higgins will replace waste material with suitable backfill material</p> <p>4. Cash has been returned by the Sub-Contractor to the residents</p> <p>Ref. NCR No:272 (25/08/2020)</p>	Richa (Project Manager) Alisi Rarasea (Site Engineer)	Complete	Medium	25/08/20	Kings Road
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Annex – 3 Contractor CEMP Review Form for Queens Road Reseal



EIA/EMP REVIEW FORM

Project Details:

Project Name	FRA 16/03-Re Seal Project for Central, Western and Northern Division.
Contractor	Higgins

Review History:

Review by	Initials	Designation	Review Date
Kelekolio Felise Tominiko	KFT	AEO	09.09.20
"	"	"	30.10.20.

Review Comments

Item No.	Comments	Page/Heading
1	Environment Risk Management- Environmental Aspects. Construction activities such as Saw cutting/ drilling of concrete releasing to nearby water way. Is this activity applicable to this project?	Sub-section 5.3.1 ✓
2	Dust Control. As mentioned in sub section 5.6.2, second line "The only effective control is to ensure that soils in the construction area are kept moist at all time"-How is will the contractor keep soil moist at all times.	Sub-section 5.6.2 ✓
3	Environmental Contingency Plan- spillage. Small spills and large spill, the contractor should inform FRA before informing any other local authorities or relevant stakeholders.	Sub-section 5.7.1 ✓
4	Environment Control. What is the purpose of having this heading when the content of this section is just only a picture?	Section 3 of Environment toolkit. ✓
4	Concrete Waste- Contractor to provide a locality map for all bay wash all throughout the three divisions, this must stipulate in the EMMP.	Section 5 of Environment toolkit.
5	Wheel Washes- There should be locality map of the bay-wash as mentioned on item 5.	Section 14 of Environment toolkit.

General Comments:

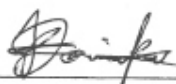
- Higgins has provided a generic EMMP of the project. Some of the report content is not applicable to the project, for instance section 17 &18. Please revise CEMP and remove unnecessary content of the report.
- For issues and mitigation measures, it we could efficient if this was to summarised in a table form. This is to make reading much easier and understand.
- To provide locality maps of all dumpsites, stockpile area and bay wash area, this must be stipulate in the CEMP.
- There is no Grievances, complaint and visitor register appended to the report.
- There is no structure of personnel provided in the CEMP. ✓


 Samuela Tawakedrau
 Environment Manager
 Fiji Roads Authority

10/09/20.

Note:

- Item 4 & 5 is missing from the EMP.
- Point 3 & 4 is missing from the EMP.

 30/10/20.

Annex – 4 Consent from Land Owners (Notice to Engineers)



NOTICE TO ENGINEER

Consecutive Notice No. 330

Date: 25 November 2020

Page 1 of 9

Fiji Roads Authority
Level 4, Fiji Development Bank
360 Victoria Parade, Suva
Fiji

Attention: Yogesh Raju


Contract FRA/TIISP – 16/03 ADB Reseals Programme

Subject: Proposed Stockpile Area for Site 7 and 8 (Central Division)

Attached to this notice is the consent form inclusive of signed agreement by the members of the Mataqali of Naboutini Village and Matanipusi Village for disposal of excavated drainage material.

- i. CH 75312 – Naboutini Village
- ii. CH 78015 – Matanipusi Village

Submitted for your review and approval.

Signed: Project Manager/ Contractors Representative  Name: Richa Vandhana Date: 25/11/2020	Signed: Engineer/ Engineer Representative Name: Date:
--	---

Copy to:
Ray Edwards – Contractors Representative

HIGGINS.

PERMISSION FOR TEMPORARY LAND USE

Contract: FRA 16/03 – ADB Reseals Contract

Date: 11/11/20

TO WHOM IT MAY CONCERN:

I, Lotima Tabivalew (property owner's name) give permission to Higgins (Fiji) Limited to use the property located at off Queens Road as a stockpile area for; CH: 75312.

- 1. Sealing chips
- 2. Excavated waste material
- 3. Laydown Area (Storage and partial assembly of the project equipment)
- 4. Refuelling Bay

For the term of _____ months beginning: _____ and ending: _____

This agreement may be renewed with the approval of both the property owner and the organization at the end of the agreement period. All questions about the proposed construction works, its nature, risks or hazards, have been discussed with the Project Supervisor/Engineer to my satisfaction.

As the property owner, I agree to notify Higgins (Fiji) of any change in land ownership, development, or use 60 days prior to the change in status.

I acknowledge that as property owner I am responsible for obtaining any land use permits or meeting any other compliance requirements required by any Fiji agency.

For questions regarding this correspondence, please feel free to contact the undersigned.

Other Agreements: (to include rehabilitation plan)

- Do damage works as per the locations highlighted by the planner.
- Exchange of HMA shoulder materials to be established & loaded at agreed location with access via the stockpile area.

Please include/provide the following supporting documents:

Land title/ ownership/ Lease Document	—	Site Plan	—
Total land area approved for use	—	Volume per stockpile	—

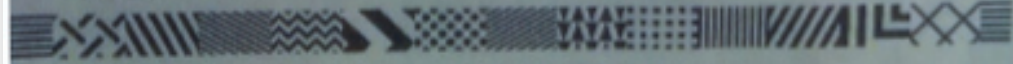
Signed: Higgins Representative		Signed: Property Owner	
Name:	<u>Kenik Kenik</u>	Name:	<u>Lotima Tabivalew</u>
Contact:	<u>440054</u>	Contact:	<u>440054</u>
Date:	<u>11/11/20</u>	Date:	<u>11/11/20</u>

HIGGINS.

Stockpiling and Disposal of Spoil Checklist and Approval Form

Project	ADB Feasibility				
Site name	Makunipusi Site				
Site address	Narugusara, off Queens Rd CH 75512				
Authorised Higgins site representative	Kamtek				
Phone		Email	k.kumar@higgins.co.uk	Mobile	987654321
Project Manager	E. V. V.				
Description of Fill/Dump/Stockpile site	High Shoulder Material Storage material Stockpile of ASP/PPGS/Sanding chips				
Estimated site capacity		Fill/Dump/Stockpile site volume			

Stockpiling and Disposal of Spoil Checklist	Yes/No	Comment
Is the proposed site		
a. In an erosion hazard zone	N	
b. Immediately adjacent to any residential or housing areas?	N	
c. Less than 10 m away from residential houses?	N	
d. Impeding public access – either vehicle or pedestrian	N	
e. Less than 30 m away from waterways?	N	
f. Is there a presence of overhead service in the stockpiling area?	Y	Controls will be used for the overheads (handy signs placed)
If you answered YES to any of these questions, then seek further guidance on the use of the fill site		
Before filling/dumping/stockpiling commences		
a. Will the site remain stable with the proposed filling activities?	Y	
b. Are all erosion and sediment controls in place?	N/A	
c. Has the landowner signed this consent form?	Y	
d. Are dust contingencies in place?	Y	
After filling/dumping/stockpiling is complete		
Has the site been fully stabilised with grass cover?		
Have the erosion and sediment controls been removed?		



Matigali Navutiqubara.
Vunani Village,
Serua.

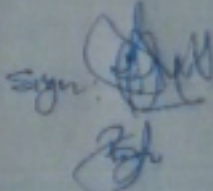
16/11/20.

RE: Consent - Stockpile On Matigali Land.

In regards to the above matter we the Matigali Navutiqubara of Vunani Village, hereby agree to give approval to Higgins Fiji Ltd to use our Land for stockpiling of these Materials.
(drainage soil / High strength materials / AP10 / AP65 Materials / sealing chips.

Vitaka.

Name: OSEA. KILIRAKI
MORRE BELLESON

Sign. 





NOTICE TO ENGINEER

Consecutive Notice No. 304

Date: 01 October 2020

Page 1 of 6

Fiji Roads Authority
 Level 4, Fiji Development Bank
 360 Victoria Parade, Suva
 Fiji

Attention: Yogesh Raju


Contract FRA/IIISP – 16/03 ADB Reseals Programme

Subject: Proposed Disposal Site (Central Division)

Attached to this notice is the consent form inclusive of signed agreement by the members of the Mataqali of Vunaniu Village for disposal of excavated drainage material.

The site has been jointly inspected by FRA Environment Manager (Samuela), Environment Officer (Namisha), Higgins Rep (Richa and Kaartik) and Mataqali member (Isimeli Radrodru) on 25th of September, 2020.

Submitted for your review and approval.

<p>Signed: Project Manager/ Contractors Representative</p>  <p>Name: Richa Vandhana Date: 01/10/2020</p>	<p>Signed: Engineer/ Engineer Representative</p> <p>Name: Date:</p>
--	--

Copy to:
 Raymond Edwards – Constructors Representative
 Amelee Duyag – Fiji Roads Authority
 Samuela Tawakedrau –Fiji Roads Authority

HIGGINS.

PERMISSION FOR TEMPORARY LAND USE

Contract: FRA 16/03 – ADB Reseals Contract

Date: 28/05/20

TO WHOM IT MAY CONCERN:

I, Isimeli Radrodoro (8578857) (property owner's name) give permission to Higgins (Fiji) Limited to use the property located at Mananila Road CH: 0.24 off Queens Road CH 71737 as a stockpile area for:-

- 1. Sealing chips /no
- 2. Excavated waste material
- 3. Laydown Area (Storage and partial assembly of the project equipment)
- 4. Refuelling Bay

For the term of 6 months beginning: June 2020 and ending: Dec 2020

This agreement may be renewed with the approval of both the property owner and the organization at the end of the agreement period. All questions about the proposed construction works, its nature, risks or hazards, have been discussed with the Project Supervisor/Engineer to my satisfaction.

As the property owner, I agree to notify Higgins (Fiji) of any change in land ownership, development, or use 60 days prior to the change in status.

I acknowledge that as property owner I am responsible for obtaining any land use permits or meeting any other compliance requirements required by any Fiji agency.

For questions regarding this correspondence, please feel free to contact the undersigned.

Other Agreements: (to include rehabilitation plan)
Area used to be cleared and leveled as the
property owner on late stage will build the
house

Please include/provide the following supporting documents:

Land title/ ownership/ Lease Document	Site Plan
Total land area approved for use	Volume per stockpile

Signed: Higgins Representative		Signed: Property Owner	
Name:	<u>Isimeli Radrodoro</u>	Name:	<u>Isimeli Radrodoro</u>
Contact:	<u>9890594</u>	Contact:	<u>8578857</u>
Date:	<u>28/5/2020</u>	Date:	<u>28/5/2020</u>

MATIBALI NAWASALE
VUNANILI VILLAGE
SECT.

26.09.20

RE: CONSENT - STOCK PILE ON MATIBALI LAND.

IN REGARDS TO THE ABOVE MATTER WE
THE MATIBALI NAWASALE OF VUNANILI VILLAGE
WE HAVE AGREE TO USE OUR PIECE OF
LAND BESIDE THE BUS STOP FOR STOCK
PILE OF GRAVEL.

VINAVAVI
Robeco
ISIMELI RABRODO PH: 8578852
MATIBALI PRESIDENT
APIMELI KIRI, KARAVOU.
Ravenia Baka Kolo
Dorothy Matanili
Tania, Mavusa
Kasanta, Adi
TENTH OROTA
Ivone MATANITOU
Sainimere Dania
Josna Viova
Cecilia Soso
SEMONE WASADAN
Matanili Tuma

Ravisoni
Sula Kolo
Dorothy
Kiri
On
Sachitoo @
Kiri
Kiri
Kiri

