

Semi-Annual Safeguards Monitoring Report: Environment & Social Safeguards

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ADB Loan Number: 3210-FIJ
WB Project Number: 150028
Reporting period: July – December 2022

FIJI: Transport Infrastructure Investment Sector Project

Prepared by

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ABBREVIATION

ADB	Asian Development Bank
BICL	Beca International Corporate Limited
CESMP	Construction Environmental and Social Management Plan
CPP	Consultation and Participation Plan (for the project)
COVID-19	Corona Virus
CRC5	China Rail Company No. 5 (SARUP 1 contractor)
CSS	Country Safeguard System
DOE	Department of Environment
DOL	Department of Lands
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
KRUP	Kings Road Upgrade Project
LARF	Land Acquisition and Resettlement Framework
LARP	Land Acquisition and Resettlement Plan
LOU	Land Owning Unit
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 (Engineer to Contract)
QRUP	Queens Road Upgrade Project
Qoliqoli	Traditional beach, lagoon and reef areas
SARUP	Suva Arterial Roads Upgrading Project
SPS	Safeguards Policy Statement 2009 (of ADB)
WB	World Bank

1.0 INTRODUCTION

1.1 Description of the Project

1. **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; Guard rails, traffic signals; Kerb, channel and footpath improvements; Existing pavement upgrade and asphalt concrete finish; and Repair and improvements of crossings Due Diligence and Design for the Critical 40 Bridges and 3 Jetties.
Engineer/ Consultant	Dr. Charles Ward
Title of report	Semi-Annual Environmental and Social Safeguard Monitoring Report
Period covered by report	July – December 2022

2. **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.

3. Project activities comprise physical works including new infrastructure and/or the upgrading, renewal, rehabilitation and/or repair of public roads 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 were identified at the project preparation stage. A sector project provides for subprojects to be identified and prepared during implementation. Subprojects have been identified and prioritized following the agreed selection process which includes each subproject meeting a set of criteria. The Project Steering Committee approves subprojects and the approved list is forwarded to ADB and WB for no objection.

4. **Purpose of the report.** This semi-annual environmental monitoring report covers the period 01st July to 31st December 2022. It is prepared by the Safeguard Team (ST) under the Project Supervision Team (PST) in FRA. The report is prepared in accordance with the project's Environmental and Social Management Framework (ESMF), Land Acquisition and Resettlement Framework (LARF), the environmental monitoring and reporting requirements set out in the Project Administration Manual (PAM), Project Loan Agreement and Project Agreement as well as the ADB Safeguard Policy Statement 2009 (SPS) and World Bank Operational Policy (OP).

1.2 Process for Safeguards Compliance

5. The ESMF and LARF, establish the process and procedures to be followed under each subproject to ensure compliance with the Fiji country safeguards system (CSS) and the requirements of SPS and the World Bank OP. The LARF was updated during the November 2017 mid-term review and disclosed on the FRA and donor websites late 2022.

6. The objective of the ESMF and LARF is to ensure that subprojects are screened for environmental, social and involuntary resettlement impacts prior to finalization of sub-project designs. The screening processes assist FRA to ensure that the project follows the requirements set out in national laws¹, ADB and WB safeguards policies so that environmental and social impacts are appropriately identified and mitigated to acceptable levels. The ESMF was updated in 2017 to reflect unanticipated impacts identified during screening of subprojects during implementation. The 2012 ESMF was disclosed on the FRA and donor websites late 2022.

7. The ADB and World Bank classified the project as having moderate, or 'Category B' environmental and social impacts. Project impacts are site-specific and readily mitigated, as works focus on the upgrading of existing roads, bridges and jetty infrastructure. As such, most works require repair and/or reconstruction at their existing location, i.e., existing corridors and structural footprints.

8. 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. The significance of the project's environmental & social 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

¹ The ESMF follows the requirements of Fiji laws supplemented as necessary to ensure that the objectives and principles of SPS of ADB and OP 4.01 of WB are complied with.

(no impacts) for both Environmental & Social.² The PST completes the screening forms and determine the appropriate categorization 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 are submitted by the FRA as part of the screening application to Department of Environment (DoE).

9. 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 adapted by the PST to add any subproject specific risks and required mitigations as relevant to the sub-project. The ESMP will be included in the bid and contract documents.

10. An environmental impact assessment (EIA) was prepared for each subprojects between 2017 and 2019 period that required 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 EIA included an ESMP that addressed impacts and identify mitigations measures during pre-construction, construction, and operations stages. The ESMP also included measures to mitigate the impacts of temporary use of land (and associated impacts). Examples of sub-projects requiring an EIA 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.

11. As per the screening form to be prepared following the LARF, any subprojects requiring temporary use of land (and associated impacts) will be addressed through measures to be included in the ESMP.³

12. Based on the ESMP from the EIA, the contractor will prepare their construction ESMP (CESMP) which will set out their construction methodology and include site-specific plans as required.

13. Screening process under LARF, will identify potential impacts of land acquisition and adopt necessary measures to avoid or minimize such impacts. PST will screen impacts by completing the Subproject Screening Form as provided in LARF. On the basis of the screening, PST will adopt either to further redesign of the subproject to avoid/minimize land acquisition/resettlement or preparation of the LARP if there are unavoidable land acquisition/resettlement impacts. In the event of no land acquisition/resettlement, this will be reported in the subproject report along with a due diligence report confirming that there is no need to prepare the LARP.

² Category A projects are not eligible for financing under the TIISP project, all sub-project under the TIISP Project is either Category B or C.

³ The mitigation measures will be as per the entitlements set out in the LARF.

2. IMPLEMENTATION OF THE ESMF & LARF

2.1 Roles and Responsibilities for ESMF Implementation and Monitoring

14. Overall roles and responsibilities for environmental management as per the ESMF are outlined in Table 2.1. These have not changed during the monitoring period.

Table 2.1: Roles and Responsibility for Environmental 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>
Engineer to Contract (ETC)	<p>The ETC is responsible for the approval of all contractor reports, plans, documentation and formal communication with the contractor.</p> <p>In performing this role, the ETC relies on specialist guidance from qualified and experienced staff / experts. The ETC will therefore not approve Environment and Social Safeguards documentation until the FRA environment team, Consultant Environment specialists (in the case</p>

	of KRUP and QRUP), and the FRA social safeguards and gender consultant have agreed the content. The ETC relies on site visits from specialist team members when preparing Environment and social safeguards related communication with the contractor, and closing out any related NCR's or issues.
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15. The FRA Safeguards team currently have five personnel who are currently managing and monitoring the safeguards component of the TIISP project. Earlier this reporting period ADB and WB recruited a Communication and Social Safeguards specialists to assist the team in documentation and implementation. Ms. Kasanita Vave the communication and consultation specialist joined the team in November and Miss Litiana Nagadi joined in August. FRA recruited Mr. Filipe Corerega as the Safeguards Manager who will be responsible for managing the Environment and Social Safeguards team under the TIISP project.

16. In each sub-project there is a supervision team (ETC) that manages the works on ground and ensure that all works are carried out according to ADB & WB's safeguard policy and the Nation's legislation. **Table 2.2** below is the summary of stakeholders involve in their respective sub-projects.

Sub-Project	Contractor	Supervision Team (ETC)
KRUP A	Higgins	SMEC
KRUP B		
QRUP B	China Railway Group 5 (CRG5)	Sheladia Associates/ Civil Works
SARUP 2 (Foster Road)	China Railway Group 5 (CRG5)	WAPCOS

17. In each sub-project there is safeguard personnel from the supervision team and the contractor that monitors and manages all safeguard issues on ground, they're also responsible in facilitating consultation and managing grievances and document for reporting purposes

3. SUB-PROJECT PROGRESS UPDATE

3.1 Environment, Health & Safety and Social Safeguard Update

18. This reporting period covers the environmental & social safeguards implementation and monitoring results for the four (4) active sub-projects namely Kings Road Upgrade Project (KRUP), Queens Road Upgrade Project (QRUP), Suva Arterial Road Upgrade Project 2 (SARUP 2) and the 40 Bridges and 3 Critical Jetties Project that is currently in its Technical studies and designing phase.

19. The Active sub-projects recorded a total of 50 Environmental issues, 24 Health and Safety issues with 35 social safeguards action items to be resolved. FRA in collaboration with the respective Engineer to Contract and contractors managed to resolve 48 (96%) Environmental issues, 18 (75%) Health & Safety Issues and addressed 6 (17%) Social Safeguards Action Items during the reporting period.

20. The SMR is also covering the update for pending action items under the completed Tropical Cyclones Ana and Yasa namely Ovalau Island sub project within the Eastern division and Rabi Island sub project within the Northern Division that have a few pending environmental and Health & Safety action items that were still open either remained to be addressed or for continuous monitoring.

21. Within the completed TC Ana and TC Yasa sub projects, there were initially ten (10) Environmental and Health & Safety Issues that were identified during the Jan – July 2022 SMR for both Rabi and Ovalau Island of which four (4) were resolved and closed and six (6) issues remain to be addressed by the contractor during this reporting period.

22. In addition to the various aspects of the Safeguards monitoring is the inclusion of the Addendum to MOU Action Items identified through the September 2022 ADB/WB Mission trip.

23. The Addendum to MOU identified Nine (9) Environmental and Health & Safety whilst Eleven (11) were Social Safeguards Action Items that were identified during the July – December 2022 reporting period that were to be actioned. The overall updated Addendum to the MOU is outlined as Appendix A.

24. The specific Environmental, Health & Safety and Social Safeguards updates for each sub-projects are provided below:

3.1.1 Kings Road Upgrade Project A&B:

<u>Contractor:</u>	Higgins
<u>Supervision Team (ETC):</u>	SMEC

a) Environmental, Health and Safety

1) Addendum to MOU

25. The ADB/WB mission on September 2022 mission trip identified One (1) Environmental, Health & Safety action items to be addressed. The main areas highlighted were to do with the Incident root cause analysis with the safeguards corrective action plan followed by the targeted audit items. **Table 3.1.1** below summarizes the update on the identified action items under the addendum to the MOU.

No.	Agreed Actions	Due by	Action by
5	KRUP A, KRUP B- Submit incident reports and SCAPs	07 November	FRA

Table 3.1.1 summarizes the update on the identified action items under the addendum to the MOU.

2) Application status with DOE

26. The KRUP A & B sub-project closed off 2 action item for the DOE Submissions and currently have 3 pending submission outcomes mainly for the (1) KRUP A Additional Stockpile and Laydown Areas Screening Application III, (2) KRUP A Additional Stockpile (2) and Laydown Area (3) CEMP and the (3) CEMP addendum for joining Sites 2 and 3 recorded within the reporting period. **Table 3.1.2** below summarizes the status of the submissions to DOE.

No.	Submission Date	Submission Details	DOE Response Date	Status
1	26/08/22	Screening Application KRUP A Stockpile (2) & Laydown Area (3), Ba to Tavua.	27/09/22	Closed. Determination Received and CEMP (Item 5) submitted.
2	22/09/22	KRUP A & B CEMP Approval – Condition 7 Variation	14/10/22	Closed. Approval granted.
3	15/11/22	KRUP A Additional Stockpile and Laydown Area Screening Application III.	Pending	Open Awaiting Determination
4	15/11/22	KRUP A Additional Stockpile (2) and Laydown Area (3) CEMP, Ba to Tavua	Pending	Open Awaiting CEMP Approval
5	20/12/22	CEMP addendum for joining Sites 2 and 3	Pending	Open Awaiting CEMP Approval

Table 3.1.2 summarizes the status of the submissions to DOE.

3) Environmental Incidents (Identified, Resolved & Unresolved)

27. The KRUP A & B sub-project collectively captured 30 minor environmental incidents which were all addressed within the Q3-Q4 reporting period.

28. The main concerning incidents identified and resolved within KRUP A&B were the 17 incidents involving fuel or hydraulic leak and the incident involving the illegal waste disposal at an unapproved dumpsite by a sub-contractor.

29. These incidents have been all resolved and included action items such as regular pre-start checks on the heavy machineries and vehicles for the elevated leakage incidents, stricter measures to include fines for contractor or sub-contractor on repetitive leakage from the same machinery or heavy vehicle and to include fines on the CEMP non-compliances in the case of the incident on dumping on an unapproved dumpsite.

30. These 30 incidents that were identified have all been resolved and are further detailed in **Appendix B (i)**.

4) *Health & Safety Incidents (Identified, Resolved & Unresolved)*

31. The KRUP A & B sub-project similarly captured 17 Health & Safety incidents which were all addressed within the Q3-Q4 reporting period.

32. The incidents recorded mainly involved 1 case of a Motor Vehicle Accident (MVA) due to Public non-compliance to the contractor's TMP, 12 cases of Traffic Near Misses identified through the prestart checks, 3 cases of Stolen Property and lastly 1 First Aid Injury Case.

33. These incidents are further detailed in **Appendix B (ii)** outlining the Incident Date, Summary and the close out time for the incidents.

b) Social Safeguards

34. The KRUP sub-project Land Acquisition and Resettlement Due Diligence Report (LARDD) was prepared by the Fiji Roads Authority (FRA) in 2019, FRA has since become aware of 25 cases on physical and economic displacements occurring – and yet to occur - across the KRUP A (13 cases) and KRUP B (12 cases) sites, prompting a review and verification of sites under construction, yet to be constructed and already completed. This action is in keeping with the social safeguards policy outlined within the Project's Land Acquisition and Resettlement Framework.

35. Twenty-Five road sections have been introduced across the KRUP sub-project as physical works have proceeded, these design changes have not been screened for land acquisition and resettlement impacts.

36. The addendum to the MOU identified 9 agreed action items to be addressed within the KRUP sub-project social safeguards due diligences. **Table 3.11** below outlines the 9 social safeguards action items under the addendum to the MOU.

37. The addendum to the MOU identified 9 social safeguards action items to be addressed within the KRUP sub-project. **Table 3.1.3** below outlines the 9 social safeguards action items under the addendum to the MOU.

Table 3.1.3 below outlines the 9 social safeguards action items under the addendum to the MOU.

No.	Agreed Actions	Due by	Action by
2	KURP A&B: Land Use screening and verification covering active and outstanding road section. Submit to ADB/WB	15 November	FRA
4	Submit land use screening findings to ADB/WB	18 November	FRA
5	Prepare addendums to Land Due Diligence Reports and/or Abbreviated Resettlement Plans to ADB/WB	29 November	FRA
6	Receive approval for Addendums and/or Abbreviated Resettlement Plans following approval by ADB/WB	13 December	FRA
7	Disclose and implement Addendums and/or Abbreviated Resettlement Plans	14 December onwards	FRA
8	Undertake land use screening and prepare a Corrective Actions Plan for road sections already completed under Kings Roads A&B,	30 January 2023	FRA
9	Receive approval for Land Acquisition and Resettlement Corrective Actions Plan from ADB/WB	28 February 2023	FRA
10	Disclose and implement Land Acquisition and Resettlement Corrective Actions Plan	13 March 2023	FRA
11	Reporting on implementation of Social Safeguards requirements	Fortnightly from 1 November 2022	FRA Safeguards Manager and Social Safeguards Specialist

37. FRA through the NSSS identified 25 road sections within the KRUP sub-project that would require to be addressed within the reporting period. **Table 3.1.4** below summarizes the LARP and LARDD reports status for the sub-project.

Road Projects	Total Road Sections	Completed LARP Reports	Completed LARDD Reports	Pending
KRUP A	13	0	1	12
KRUP B	12	0	1	11

38. FRA managed to submit 2 Resettlement reports to ADB/WB for review and approval during the reporting period. **Table 3.1.5** below outlines the details for the KRUP reports.

Road Projects	Completed Reports	Date Completed	Status
KRUP A	1. Section 4 –Natalacake Site 2 & 3 LARDD Report	15/11/2022	Completed. 1. Submitted for Banks approval – 16/11/2022 2. Returned Approved Report from Bank – 18/11/2022 3. Document Disclosed onto FRA Website – 18/11/2022
KRUP B	1. Section 15C (1) Navesau Drainage Works LARDD Report	09/11/2022	Completed.

			<p>1. Submitted for Banks approval – 10/11/2022 & 16/11/2022</p> <p>2. Returned Approved Report from Bank – 15/11/2022</p> <p>3. Document Disclosed onto FRA Website – 18/11/2022</p>
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39. FRA is aiming to complete the remaining safeguards due diligence reports within the next reporting period to ensure total compliance to the MOU.

c) Stakeholders Engagement/Consultation

40. The KRUP A sub-project recorded a total of 13 consultations involving 60% male and 40% female respondents throughout the consultations.

41. The 13 consultations involved 7 of one to one consultations with property owners, 4 one to one consultations with the village headman, 1 one to one consultation with a head of school and 2 house to house consultations within the Q3-Q4 2022 reporting period.

42. Similarly, the KRUP B sub-project recorded a total of 12 consultations involving 92% male and 8% female respondents excluding consultations that did not record any sex disaggregated data.

43. KRUP B recorded 2 incidents of one to one consultations with property owners, 6 one to one consultations with the village headman, 3 one to one consultations with the head of school and 1 consultation undertaken with villagers and residents of nearby settlements within the Q3-Q4 2022 reporting period.

44. The summary of the different consultations undertaken for both KRUP A & B are outlined within **Appendix B** (iii). The detailed Stakeholders Engagement/Consultation information is part of the Contractor's Monthly Report and can be provided upon request.

d) Grievances Redress Mechanism

45. Within the reported period, the KRUP sub-project raised a total of 17 Grievances. The contractor managed to resolve 14 grievances whilst 3 grievances remain to be addressed. Each sub-project sections are detailed concurrently below.

KRUP A

46. Within Q3 – Q4 2022 reporting period, KRUP A sub-project raised a total of 12 Grievances. The contractor managed to resolve 9 grievances whilst 3 grievances remain to be addressed.

KRUP B

47. Similarly, the Q3 – Q4 2022 reported KRUP B sub-project raising a total of 5 Grievances. The contractor managed to resolve all the grievances that were raised.

48. The summary of the GRM for KRUP A & B are outlined within **Appendix B** (iv). The detailed GRM information is part of the Contractor's Monthly Report and can be provided upon request.

e) Capacity Building/Trainings

49. The KRUP A & B sub-projects have only recorded daily toolbox meetings and new staff inductions as part of their Q3-Q4 trainings. No organized capacity building in terms of HIV/AIDS awareness and SEAH trainings were recorded within the reporting period.

f) Follow Up Actions, Recommendation and Disclosure

50. The KRUP Safeguards team presented a good monthly reporting structure to include the confidence in reporting incidents as they happen on a daily basis. FRA noted that there were double entries into both the environment and health and safety incident registers for the same incidents.

51. The planned TIISP Safeguards team meeting scheduled to commence in Q1 2023 will ensure reporting structures and incidents are improved to provide ease in compiling the Quarterly and SM reports.

52. Within Q3-Q4 2022, there were a lot of oil/hydraulic fluid and fuel spills that filled up most of the environment incident table. FRA is committed to addressing these incidents with ensuring effective plant and machineries pre-start checking before mobilizing onto the site. There is minimal to no capacity buildings undertaken for both Q3 and Q4 which would be addressed in Q1-Q2 2023 by presenting a request with ADB and WB for selected training areas.

3.2 Queens Roads Upgrade Project B.

<u>Contractor:</u>	China Railway Group 5 (CRG5)
<u>Supervision Team (ETC):</u>	Sheldia Associations Ltd/ Civil Works.

a) Environmental, Health and Safety

1) Addendum to MOU

53. The addendum to MOU only identified 1 agreed action item regarding the incident at QRUP B which would require addressing the RCA and SCAP for the incident. This is outlined in **Table 3.2.1** below.

No.	Agreed Actions	Due By	Action By	Remarks
5	QRUP B- Submit incident reports and SCAPs	07 November	FRA	Pending. FRA is committed to closing this within Q1 2023.

Table 3.2.1 outlines the agreed action item for QRUP as per addendum to the MOU.

2) Application status with DOE

54. The QRUP CEMP was revised to include the additional stockpile and laydown areas, extension of section 5 and the site approval from Sigatoka Town Council (STC).

55. The submission to ADB/WB remains to be closed out and will be reported accordingly within the next Quarterly Progress Report (QPR).

3) *Environmental Incidents (Identified, Resolved & Unresolved)*

56. The QRUP sub-project captured 8 environmental incidents within the Q3-Q4 reporting period and only 1 from the previous Q2 reporting period that were addressed.

57. The contractor managed to close out 7 of these incidents with only 1 yet to be resolved.

58. The incidents are further detailed in **Appendix B** (b)i.

4) *Health & Safety Incidents (Identified, Resolved & Unresolved)*

59. Similarly, the QRUP sub-project captured 5 Health and Safety incidents within the Q3-Q4 reporting period. All incidents were reported and documented whilst awaiting the RCA and SCAP reports for closure.

60. The incidents are further detailed in **Appendix B** (b)ii.

b) Social Safeguards

61. The QRUP sub-project Land Acquisition and Resettlement Due Diligence Report (LARDD) was prepared by the Fiji Roads Authority (FRA) in 2019, FRA has since become aware of 6 cases on physical and economic displacements occurring – and yet to occur - across the TIISP Project, prompting a review and verification of sites under construction, yet to be constructed and already completed. This action is in keeping with the social safeguards policy outlined within the Project's Land Acquisition and Resettlement Framework.

62. Six design changes have been introduced across the QRUP sub-project as physical works have proceeded, these design changes have not been screened for land acquisition and resettlement impacts.

63. The addendum to the MOU identified 9 agreed action items to be addressed within the QRUP sub-project social safeguards due diligences. the 9 social safeguards action items under the addendum to the MOU.

64. FRA through the NSSS identified 6 road sections within the QRUP sub-project that would require to be addressed within the reporting period.

Table 3.2.2 below outlines the 9 social safeguards action items under the addendum to the MOU.

No.	Agreed Actions	Due by	Action by
1	Queens Road B: Land Use screening and verification covering active and outstanding road section. Submit to ADB/WB	15 November	FRA
4	Submit land use screening findings to ADB/WB	18 November	FRA
5	Prepare addendums to Land Due Diligence Reports and/or Abbreviated Resettlement Plans to ADB/WB	29 November	FRA

6	Receive approval for Addendums and/or Abbreviated Resettlement Plans following approval by ADB/WB	13 December	FRA
7	Disclose and implement Addendums and/or Abbreviated Resettlement Plans	14 December onwards	FRA
8	Undertake land use screening and prepare a Corrective Actions Plan for road sections already completed under Queens Road.	30 January 2023	FRA
9	Receive approval for Land Acquisition and Resettlement Corrective Actions Plan from ADB/WB	28 February 2023	FRA
10	Disclose and implement Land Acquisition and Resettlement Corrective Actions Plan	13 March 2023	FRA
11	Reporting on implementation of Social Safeguards requirements	Fortnightly from 1 November 2022	FRA Safeguards Manager and Social Safeguards Specialist

65. FRA through the NSSS identified 6 road sections within the QRUP sub-project that would require to be addressed within the reporting period. **Table 3.2.3** below outlines the details for the QRUP reports.

Road Projects	Total Road Sections	Completed LARP Reports	Completed LARDD Reports	Pending
QRUP B	6	2	1	3

66. FRA managed to submit 2 Resettlement reports and 1 pending report to be submitted to ADB/WB for review and approval. **Table 3.2.3** below summarizes the LARP and LARDD reports status for the sub-project.

Road Projects	Completed Reports	Date Completed	Status
QRUP B	1. Vatukarasa Grave Relocation LARP Report	28/11/2022	Completed. 1. Submitted for Banks approval – 29/11/2022 2. Returned Revised Approved Report from Bank – 20/12/2022 3. Document Disclosed onto FRA Website – 21/12/2022
	2. Section 5 Extension Area LARDD Report	01/12/2022	Completed. 1. Submitted for Banks approval – 02/12/2022 2. Returned Approved Report from Bank – 15/12/2022 3. Document Disclosed onto FRA Website – 10/01/2023
	3. Vatukarasa Grave Septic Tank Relocation LARP Report.	Ongoing	Pending submission to ADB/WB for review and approval. 1. Drafting of LARP Report – 28/12/22 2. Information and supporting document request – 06/12/22

68. FRA is aiming to complete the remaining safeguards due diligence reports within the next reporting period to ensure total compliance to the MOU.

c) Stakeholders Engagement/Consultation

69. A total of 3 community consultations were undertaken during the reporting period, with women's representation being as follows in the respective villages of Navutu (58%), Vatukarasa (25%) and Yako (63%). The total number of women that participated in the community consultations during the reporting period represented fifty-five percent of total participants.

70. Information sharing activities that took place during the reporting period included 1 pamphlet drop, 2 letter drops and a house to house consultation within the Q3-Q4 2022 reporting period.

71. It was observed that there was demonstrated awareness of the need for sex disaggregated data reporting reflecting not only the participation of both men and women but also in the proactive approach by CR5G to actively engage women in employment.

72. The QRUP sub-project recorded a total of 3 community consultations, 1 pamphlet drop, 2 letter drops and a house to house consultation within the Q3-Q4 2022 reporting period.

73. The summary of the different consultations undertaken for QRUP is outlined within **Appendix B (b)iii**. The detailed Stakeholders Engagement/Consultation information is part of the Contractor's Monthly Report and can be provided upon request.

d) Grievances Redress Mechanism

74. Within Q3 – Q4 2022 reporting period, the QRUP sub-project raised a total of 10 Grievances. The contractor managed to resolve 8 grievances whilst 2 grievances remain to be addressed.

75. These issues were mainly to do with constructional impacts such as excessive dust emissions, trapped runoffs, claims of works affecting business, unsatisfied driveway works and proper housekeeping practices along the project area.

76. FRA will continue to monitor the pending grievances reported to ensure that it is being addressed correctly and efficiently within Q1 2023.

77. The summary of the GRM for QRUP is outlined within **Appendix B (b)iv**. The detailed GRM information is part of the Contractor's Monthly Report and can be provided upon request.

e) Capacity Building/Trainings

78. CR5G recorded only 1 training for the reporting period facilitated by the Maritime Safety Authority of Fiji (MSAF). **Table 3.2.4** outlines the training details below.

Date	Training Content	Training Facilitator	No. Attendees
05/10/22	Oil Spill Training	MSAF	21

f) Follow Up Actions, Recommendation and Disclosure

79. FRA notes that priority areas to address for the next reporting period should include closing out the H&S incident reports with its root cause analysis and safeguards corrective actions, communication awareness regarding consultation reporting requirements, capacity building on Gender mainstreaming and importance of sex disaggregated data on consultation reporting for the next reporting period.

3.3 Suva Arterial Road Upgrade Project 2 (Foster Road).

<u>Contractor:</u>	China Railway Group 5 (CRG5)
<u>Supervision Team (ETC):</u>	WAPCOS

a) Environmental, Health and Safety

1) Addendum to MOU

80. The ADB/WB mission September 2022 mission trip identified 5 Environmental, Health & Safety action items to be addressed within the Q4. The main areas highlighted were to do with the revised CEMP, Asbestos Clearance Certificate and DOE Approval for the stockpile site followed by the targeted audit items. **Table 3.3.1** below summarizes the update on the identified action items under the addendum to the MOU for Q4 2022.

No.	Agreed Actions	Due By	Action By	Remarks
1	SARUP 2- Submit revised CEMP that will include:	24 October	FRA	Submitted CEMP V08 on 29/12/22 to ADB for no objections. DOE submission also undertaken on 29/12/22.
	a) New stockpile site & waste management plan			
	b) The process for 'working near live cables' & 'asbestos management'	24 October	FRA	Pending. FRA requested CR5 to amend the HSMP to reflect the items raised.
2	SARUP 2- Submit Asbestos Clearance Certificate	17 October	FRA	Pending. FRA is awaiting CR5 to submit design regarding the affected area after consultation with WAF.
3	SARUP 2- Submit DOE Approval for new stockpile site	07 October	FRA	CEMP V08 addressed the new stockpile site submitted to DOE on 29/12/22.
	a) Traffic management plan compliance	18 October	FRA/CR5	Closed Out and addressed through the Environmental Action Items 3 within Table 7 below.

Table 3.3.1 summarizes the agreed action items as per the addendum to the MOU.

2) *Application status with DOE*

81. FRA currently submitted the revised CEMP V08 for ADB/WB no objections whilst simultaneously submitting to DOE for approval.

82. The revised CEMP V08 is still yet to be approved and the status of the submission will be updated in the next Quarterly report for 2023.

83. **Table 3.3.2** below summarizes the submission status of the revised CEMP.

SARUP 2- Submit revised CEMP that will include: a) New stockpile site & waste management plan	24 October	FRA	Submitted CEMP V08 on 29/12/22 to ADB for no objections. DOE submission also undertaken on 29/12/22.
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3) *Environmental Incidents (Identified, Resolved & Unresolved)*

84. In addition to the addendum to the MOU items, FRA continues to monitor and carry out close out inspections on the CEMP environmental issues highlighted by the joint site visits with ADB safeguards team.

85. Within Q3 – Q4 2022, there were a total of 12 environmental monitoring issues identified out of which 11 items were addressed during Q4 2022 with only 1 issue to be addressed.

86. The outstanding issue is the Prohibition Notice at Nabua Dumping site. The contractor identified a proposed dumping site at Nabua closer to Nabua Primary School, the locality of the dumping site is approximately 130km away north from the school with few residential houses around the vicinity. The contractor (CRG5) had to obtain approval from the relevant authority to utilize the proposed land for dumping. However, the contractor has utilized the land prior to lodging the screening application to DoE. FRA safeguards team have instructed the contractor to revise the CEMP and put dumping on hold until all necessary approvals are obtained and Prohibition Notice is lifted .

87. The contractor submitted a revised CEMP V08 to FRA in response to CTC 081 within the reporting period and has incorporated all the comments raised by ADB/WB. The SARUP 2 CEMP V08 was submitted to DOE on 28th December, 2022 for approval.

88. The incidents are further detailed in **Appendix B** (c)i. The detailed Environmental incidents is part of the Contractor's Monthly Report and can be provided upon request.

4) *Health & Safety Incidents (Identified, Resolved & Unresolved)*

89. The SARUP 2 sub-project identified 2 action items that was to be addressed within this reporting period mainly to do with the motor vehicle accident involving a private vehicle and a worker and the second item was to do with targeted audits.

90. During the September mission visit, the incident root cause analysis (RCA) and safeguards corrective action plan (SCAP) was required to be submitted by FRA for the accident whilst an engineering report was required for the second item to do with trench barricading, shoring and benching.

91. The RCA_SCAP was submitted on the 15th November, 2022 to ADB/WB for no objection whilst the second incident is still awaiting the contractor to provide an engineering report.

92. FRA is yet to receive any feedback on the submission of the RCA_SCAP at the end of the reporting period.

93. The action items are further detailed in **Appendix B (c)ii**.

b) Social Safeguards

94. FRA through the NSSS identified 4 road sections within the SARUP 2 Foster Rd sub-project that would require to be addressed within the reporting period. **Table 3.3.3** below summarizes the LARP and LARDD reports status for the sub-project.

Road Projects	Total Road Sections	Completed LARP Reports	Completed LARDD Reports	Pending
SARUP 2 Package C	4	0	1	3

Table 3.3.3 summarizing the LARP and LARDD report status for the SARUP 2 Foster Rd project.

95. Since her engagement in late August 2022, the NSSS has managed to submit a LARDD report for the newly proposed dumpsite for the sub-project with greater details outlined in **Table 3.3.4** below.

Road Projects	Completed Reports	Date Completed	Status
SARUP 2 Package C	1. Additional Dumpsite LARDD Report	28/11/2022	Pending. 1. Submitted for Banks Approval – 29/11/2022 2. Returned from bank with comments – 02/12/2022 3. Report currently under review with FRA Safeguards Team

96. FRA is aiming to complete the remaining safeguards due diligence reports within the next reporting period to ensure total compliance to the MOU.

c) Stakeholder Engagement/Consultations

97. The subproject undertook a number of Information Sharing activities by way of letter drop . Two way dialogues were conducted at 2 specific sites for discussion regarding the old dumpsite belonging to the Nabua Secondary School with Residents, and at Fiji Gas relating to the excavation works.

98. CR5 undertook 17 letter drops with 1 onsite consultation within the periods Q3 - Q4 2022 regarding various commencement of works on each section of the sub-project.

99. CR5 is expected to undertake at least one onsite public consultation with the next reporting period to gauge the business and industrial community's feedback on the current work along the SARUP 2 project sites.

100. The summary of the different consultations undertaken for SARUP 2 is outlined within **Appendix B (c)iii**. The detailed Stakeholders Engagement/Consultation information is part of the Contractor's Monthly Report and can be provided upon request.

d) Grievances Redress Mechanism (GRM)

101. Within Q3 – Q4 2022 reporting period, the SARUP 2 sub-project raised a total of 5 Grievances. The contractor managed to resolve 4 grievances whilst 1 grievance remain to be addressed.

102. FRA recognizes that 2 of the grievances raised and registered have been directly lodged with FRA's SR platform. This is an indication that the awareness on FRA's GRM through its 5720 Toll Free number has been slowly received by the communities within SARUP 2. The extend of the effectiveness of the GRM awareness can still be gauged within the next reporting period.

103. FRA will continue to monitor the pending grievances reported to ensure that it is being addressed correctly and efficiently within Q1 2023.

104. The summary of the GRM for SARUP 2 is outlined within **Appendix B (c)iv**. The detailed GRM information is part of the Contractor's Monthly Report and can be provided upon request.

e) Capacity Building/Trainings

105. The contractor recorded no capacity building/trainings from the month of July to December 2022.

f) Follow Up Actions, Recommendation and Disclosure

106. Q4 2022 has seen the closure of a lot of environmental and social issues regarding the sub-project and that the focus was mainly centered around clearing the pending action items and report.

107. Lessons learnt have played a great role in ensuring that the next reporting period will address weaknesses in project consultation, setting up of the Grievances Redress Committee (GRC) to include the closing out of pending grievance and the provision of sex disaggregated information during any forms of consultation with Capacity Building/Training as a priority within Q1-Q2 2023.

3.4 40 Bridges & 3 Jetties.

<u>Consultants:</u>	Erasito & BECA International and Planit
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a) Environmental and Social Safeguards

108. The sub-project is currently in the design phase and FRA team was involved in 6 environmental and social documentation review through Q3-Q4 2022 in collaboration with the consultant (BECA) and funding partners. Table 3.4.1 below outlines the documentation review undertaken during the reporting period.

NO.	DATE	ENVIRONMENT DUE DILIGENCE DETAILS	STATUS	REMARKS
1.	30/09/22	Environment and Social Management Plan – Volume 1 (Nabouwlau, Natovi and Savusavu Maritime Infrastructures) submitted to the contractor (BECA).	Submitted to Consultant to address comments by FRA and funding partners (NTC281A).	Comments addressed and FRA sent a response to the consultant via NTC332 (16/11/22).
2.	20/10/22	TIISP Results Framework and GAP Indicators for 40 critical bridges and 3 Jetties sub-project Table.	Submitted to Consultant to address comments by FRA and funding partners (NTC300).	Awaiting update from Consultant.
3.	27/10/22	EIA Screening Application for Narata Bridge Geotech Investigation.	Approved by FRA for Consultant's submission to DOE (NTC 306).	Submitted to DOE on 28/10/22. No further update as of 31.12.22.
4.	09/11/22	Maritime Structures Geotech Investigation Site Specific EMP Screening Application submitted by consultant for FRA review and no objection.	Approved by FRA for Consultant's submission to DOE (NTC 344).	Awaiting update from Consultant
5.	29/11/22	Site Specific EMPs for the Vanua Levu Bridges	Approved by FRA for Consultant's submission to DOE (NTC 349).	Awaiting update from Consultant
6.	19/12/22	Environment and Social Screening Forms for the priority 1(9 critical bridges)	Submitted to contractor to address comments by FRA and funding partners (NTC358).	Awaiting update from Consultant

b) Stakeholders Engagement/Consultation

109. The consultant undertook a total of 8 Community Consultations for the sub-project within the reporting period. Table 32 below summarizes the Consultations that were held for the sub-project.

110. FRA engaged Erasito & Beca to undertake the design of the 40 Bridges & 3 Jetties. The 40 Bridges are grouped into four priorities based upon the significance of the damages, the structure reaching its life span and when it is beyond repair. Erasito & Planit initiated public consultations with stakeholders on the design works in 2021.

111. Erasito is leading the Environment safeguards whereas Planit is leading the Social and Gender component of the consultation. The consultations were scheduled late in 2021 upon the uplift of the COVID restrictions. They targeted the Central and Western Division in 2021 and 2022 Northern Division and outer Islands.

112. The consultation minutes were not released in the previous reporting periods as the consultants were in the progress of facilitating consultations and compiling consultation minutes as per their contracted schedule with FRA.

113. The summary of the different consultations undertaken for the 40 Bridges and 3 Jetties is outlined within **Appendix B** (d)i. The detailed Stakeholders Engagement/Consultation information is part of the Contractor's Monthly Report and can be provided upon request.

c) Grievances Redress Mechanism

114. No grievance was reported for the Geotech investigation activities that have been undertaken during the reporting period.

d) Follow Up Actions, Recommendation and Disclosure

115. The FRA safeguards team do recognize the need to be part of the ongoing consultation for the sub-project to ensure whatever information is required for reporting purposes are well captured during the consultation phases. Furthermore, it is noted that there is a lack in reporting of sex aggregated information in the consultation minutes although the availability of names can determine the attendee's gender (if a local is the end user of the information).

3.5 Tropical Cyclone Ana & Yasa Remediation Works:

Contractor	Lomanitoba Company Limited
Supervising Team	Fiji Roads Authority

a) Environmental, Health & Safety

116. All sub projects under the emergency remediation works have been reported to be completed within the previous 2021-2022 SMRs except for Rabi and Ovalau Island that have a few safeguards issues to be resolved and closed off. **Table 3.5.1** below summarizes the pending issues to be resolved by the respective contractors and closed off by FRA.

117. Most of the pending environmental action items from the Ovalau remediation works are mainly to do with the Nukutocia Rock Source identified during the March 2022 Mission Visit. **Table 3.5.1** summarizes the pending environmental, Health & Safety issues to be resolved by the respective contractors and FRA.

Date Issue Raised	Sub Project	Issue Details	Action Taken	Actioned By	Actioned Date	Status
28/03/2022	Ovalau Island Emergency Remediation Work's Rock Source – Nukutocia Quarry	1. Provision of the EIA/DOE Approval	EIA/DOE Approval submitted to ADB/WB	FRA	18/05/22	Closed
		2. Fencing off the site	Partially Fenced	Contractor (Lomanitoba)	TBC	Awaiting verification visit.
		3. Materials Tallyman (LOU Rep) Details	NTC 037 sent to contractor by FRA	FRA	TBC	Contractor yet to address.
		4. Submit details of quarryman and license details	FRA submitted details to ADB	Contractor (Lomanitoba)	08/09/2022	Closed
		5. Provide details of Quarry Pit Operational Hours	NTC 037 sent to contractor by FRA	Contractor (Lomanitoba)	TBC	Contractor yet to address.
		6. Submit daily records of extraction and crushed volume of rocks	NTC 037 sent to contractor by FRA	Contractor (Lomanitoba)	TBC	Contractor yet to address.
		7. Submit reports required by DOL, TLTB and MRD	NTC 037 sent to contractor by FRA	Contractor (Lomanitoba)	TBC	Contractor yet to address.

		8. Submit a Site specific Quarry Operation Environment Management Plan (QOEMP)	FRA submitted details to ADB	Contractor (Lomanitoba)	8/09/2022	Closed
		9. Submit a Health and Safety Management Plan (HSMP).	NTC 037 sent to contractor by FRA	Contractor (Lomanitoba)	TBC	Contractor yet to address.
10/10/2022	Rabi Island Emergency Remediation Work's Fatal Incident	Complete and submit Incident Report with Root Cause Analysis (RCA) and Safeguards Corrective Action Plan (SCAP).	Completed and Submitted to ADB and WB with continuous monitoring on approved action items.	FRA	24/10/22	Monitoring still in process.

b) Social Safeguards

118. Since the engagement of the National Social Safeguards Specialist (NSSS), ADB/WB through the last mission visit in September 2022 identified 11 social safeguards items to be addressed of which 5 had been identified to be directly related to the TC Ana and Yasa remediation works.

119. As previously reported under both SMR (Sept – Dec 2021) and SMR (Jan –Jun 2022) that all physical works have been completed with the contractor having to be demobilized from the site. The NSSS has since then prioritized the different sub-project's social safeguards requirements into Priority A and Priority B categories. Priority A sites are those sub project site(s) that have yet to be constructed and will require a screening or addendum to the initial LARDD/LARP whilst Priority B sites are those sites that have been constructed and yet to be screened or would require an addendum to the initial LARDD/LARP.

120. Below is the summary of the social safeguards action items for the TC Ana & Yasa Remediation Works as per the addendum to the MOU. **Table 3.5.2** summarizes the social safeguards action items as per addendum to the MOU.

No.	Agreed Actions	Due By	Action By	Remarks
3	TC Yasa & Ana Recovery Works Land Use screening and verification covering active and outstanding road section. Submit to ADB/WB	15 November	FRA	The FRA safeguards team recognized the need to address the Priority A Sites first during the Q3-Q4 2022 period mostly for KRUP and QRUP sub-project sites. FRA is committed to completing the social safeguards action items for TC Ana and TC Yasa within Q1 of 2023 once the team completes Q4 QPR and SMR.
4	Submit land use screening findings to ADB/WB	18 November	FRA	
5	Prepare addendums to Land Due Diligence Reports and/or Abbreviated Resettlement Plans to ADB/WB	29 November	FRA	
6	Receive approval for Addendums and/or Abbreviated Resettlement	13 December	FRA	

	Plans following approval by ADB/WB			
7	Disclose and implement Addendums and/or Abbreviated Resettlement Plans	14 December onwards	FRA	

c) Follow Up Actions, Recommendation and Disclosure

121. Though the remediation sub-project has been completed, FRA is still committed to closing off all the pending action items reported to ensure that all due diligence have been respectfully undertaken and completed within Q1 2023.

4.0 COMMUNICATION & CONSULTATION

4.1 Communications

122. A National Communications and Consultation Consultant was engaged by ADB/WB on 11 November 2022, to continue the communications and consultation role of the project - following international consultant, Ester Felix's departure in 2021. The national consultant is based at the FRA headquarters and will work closely with the TIISP project team to update and finalise both the project Communication Strategy and the Community Consultation Plan (CSCCP) and guide its implementation. Table 4.1 shows the timeline for the review and updating process of the CSCCP within the next 6 months.

123. During the reporting period attempts have been made to ensure compliance on disclosure of project reports on the FRA website, and to mirror the disclosed reports on both the ADB and WB websites. A total of four reports were uploaded on the FRA website in the reporting period.

Table 4.1: Six-monthly plan to update and finalize the TIISP Stakeholder CSCCP

Expected Deliverable	Activities	Specific Actions	Due Date & Status
Updated & Finalized Communications Strategy & Community Consultation Plan	Communications Consultant 6-monthly Work plan	Preparation of work plan as guided by FRA Environmental & Social Safeguards Manager	Completed & approved by FRA on 16 December 2022
	Stakeholder analysis (profiling & mapping) review	Review and assess interactions with stakeholders already undertaken	Currently being undertaken
	Develop/review Stakeholder Perception & Possible Responses Matrix	Review and assess initial and changing position of stakeholders	By 28 February 2023

Expected Deliverable	Activities	Specific Actions	Due Date & Status
	Develop core messages and customized messages + Review of Community Consultation Plan	Review current message and update according to current stage of project implementation	By 31 March 2023
	Identify appropriate medium for message	Review mediums utilised	By 30 April 2023
	Internal Workshop with TIISP project team – final draft strategy	Obtain feedback from TIISP Safeguards team feedback & ready for circulation to stakeholders for comments	By 5 May 2023
	Finalize updated Communications Strategy	TIISP management approval of Strategy	By 31 May 2023
	Updated Communications Strategy & Community Consultation Plan final approval & disclosed	Disclosure on FRA website upon ADB/WB approval	June 2023

4.2 Consultations and Information Sharing

124. The consultations that took place during the reporting period by sub-projects are as follows: SARUP: 0; QRUP: 3, KRUP A & B: 3 Consultations & 127 door to door*, 40 Bridges and 3 jetties: 8.

5.0 OVERALL RECOMMENDATIONS & LESSONS LEARNT

125. A few lessons were learnt during the course of the project implementation in this reporting period. These include:

Lessons Learnt:

- In order to meet the reporting requirements of ADB/WB it would be pertinent that the Safeguards Manager receives the monthly progress management reports for each subproject on a timely basis;
- Strengthening of dialogue and overall relationship with contractors and the project team (ETC) to improve coordination through increased participation in progressive meetings, and planned monitoring site visits.

Recommendations:

- Future projects will need to ensure that prior identification of stockpile areas is thoroughly conducted to avoid project delays due to the DoE review process. As a way forward for ongoing projects FRA to consider an MOU arrangement to waiver screening applications for new stockpiles and laydown areas.
- Providing feedback to FRA consultants & contractors to incorporate sex-disaggregated data in their reporting. A few contractors have demonstrated awareness by reflecting this already in their reporting;
- Addressing the transportation constraint for the Environment and Social Safeguards team through better coordination within FRA during monitoring site visits to maximise effectiveness of engagement with stakeholders and future GRC onsite engagements.
- Re-strengthening the monthly safeguards meeting across TIISP project.

4. APPENDICES

- **APPENDIX A: ADDENDUM TO MOU**
- **APPENDIX B ENVIRONMENTAL, HEALTH & SAFETY & SOCIAL INCIDENTS REGISTER**
 - a) **Kings Road Upgrade Project (KRUP)**
 - b) **Queens Road Upgrade Project (QRUP)**
 - c) **Suva Arterial Roads Upgrade Project (SARUP 2)**
 - d) **40 Bridges & 3 Jetties**
- **APPENDIX C: QRUP CONSULTATIONS**
- **APPENDIX D: KRUP CONSULTATIONS**
- **APPENDIX E: 40 BRIDGES & 3 JETTIES CONSULTATIONS SUMMARY**
 - **SESE BRIDGE CONSULTATION MINUTES SUMMARY**
 - **WAINALOKA BRIDGE E CONSULTATION MINUTES SUMMARY**
 - **WAI BRIDGE CONSULTATION MINUTES SUMMARY**
 - **NAVACA BRIDGE CONSULTATION MINUTES SUMMARY**
 - **QACAVULO BRIDGE CONSULTATION MINUTES SUMMARY**
 - **OINAFI BRIDGE AND JETTY CONSULTATION MINUTES SUMMARY**
 - **OINAFI BRIDGE CONSULTATION MINUTES 2 SUMMARY**

APPENDIX A: Addendum to the MOU

No.	Agreed Actions	Due by	Action by
Environment Safeguards & Health and Safety			
1	SARUP 2- Submit revised CEMP that will include: a) New stockpile site & waste management plan	24 October	FRA/CR5
	b) The process for 'working near live cables' & 'asbestos management'	24 October	FRA/CR5
2	SARUP 2- Submit Asbestos Clearance Certificate	17 October	FRA/CR5
3	SARUP 2- Submit DOE Approval for new stockpile site	07 October	FRA/CR5
4	TC Yasa & Ana Recovery Works- Submit incident Reports & SCAPs	17 October	FRA
	SARUP 2- Submit incident Reports & SCAPs		
5	QRUP B, KRUP A, KRUP B- Submit incident reports and SCAPs	07 November	FRA
6	SARUP 2- Complete and submit targeted audits on the following: a) Trenching to confirm (i) compliance with HSP (barricading, shoring and benching etc);	18 October	FRA/CR5
	b) Traffic management plan compliance	18 October	FRA/CR5

7	TC Yasa & Ana Recovery Works- Submit Rehabilitation Plan for the Nukutocia Pit	07 November	FRA
Social Safeguards			
1	Queens Road B: Land Use screening and verification covering active and outstanding road section. Submit to ADB/WB	15 November	FRA
2	KURP A&B: Land Use screening and verification covering active and outstanding road section. Submit to ADB/WB	15 November	FRA
3	TC Yasa & Ana Recovery Works & SARUP 2: Land Use screening and verification covering active and outstanding road section. Submit to ADB/WB	15 November	FRA
4	Submit land use screening findings to ADB/WB	18 November	FRA
5	Prepare addendums to Land Due Diligence Reports and/or Abbreviated Resettlement Plans to ADB/WB	29 November	FRA
6	Receive approval for Addendums and/or Abbreviated Resettlement Plans following approval by ADB/WB	13 December	FRA
7	Disclose and implement Addendums and/or Abbreviated Resettlement Plans	14 December onwards	FRA
8	Undertake land use screening and prepare a Corrective Actions Plan for road sections already completed under Kings Roads A&B, Queens Road and SARUP2	30 January 2023	FRA
9	Receive approval for Land Acquisition and Resettlement Corrective Actions Plan from ADB/WB	28 February 2023	FRA

10	Disclose and implement Land Acquisition and Resettlement Corrective Actions Plan	13 March 2023	FRA
11	Reporting on implementation of Social Safeguards requirements	Fortnightly from 1 November 2022	FRA Safeguards Manager and Social Safeguards Specialist

APPENDIX B: ENVIRONMENT HEALTH & SAFETY AND SOCIAL INCIDENT REGISTER**a) Kings Road Upgrade Project (KRUP A&B)****i. KRUP - Environmental Incidents (Identified, Resolved & Unresolved)**

No.	Incident Date	Incident Summary	Risk Rating (Minor/ Moderate /Major)	Responsibility	Action Undertaken	Actioned Date	Status
ENVIRONMENTAL ISSUES – KRUP A							
1.	26/07/22	Improper Waste disposal.	Minor	Higgins	Litter removed	27/07/2022	Closed
		No portable loo			Contractor to provide a portable loo at site 12 laydown area. On the date of the inspection physical works had finished and the next day, crew were only on site briefly to pick up litter and remove spilled asphalt so the toilet was no longer required.		
		Spilled Asphalt.			Spilled asphalt removed		
4.	27/07/22	Hydraulic Oil spill through a roller's loose hydraulic hose joint whilst refueling by the operator at Site 5 Stockpile Site.	Minor	Higgins	Refueling stopped and spill kit mobilized onsite and contaminated area cleaned and waste cleared as per Spill procedures.	01/07/22	Closed Out.
5.	31/08/22	Illegal Dumping of waste materials by Dayals at an unapproved area at Wailailai, Ba. As per the Dayals Project Manager, there was limited space at the Dayals Stockpile Yard therefore the Dayals management made a decision to dump the waste material on the unapproved area belonging to one of the truck drivers who was employed by Dayals on human grounds.	Minor	Higgins	Dayals have been instructed to remove all waste materials from the unapproved area and take it back to the Dayals Stockpile Yard in Ba (approved site). Dayals was strictly advised to comply with the ADB Fraud and Corruption Policy. The materials were removed by Dayals from the unapproved site on 20/09/2022. The granular waste materials were taken back to the Dayals Yard in Ba whereas the concrete waste material was taken to the site 7 stockpile site.	20/09/22	Closed Out.
6.	23/10/22	Dust Emission	Minor	Higgins	Water carts were on site. Dust generation was exacerbated by the hot weather and speeding vehicles.	23/10/22	Closed Out

7.	04/11/22	Oil Spillage on the pavement at Site 6 due to an accident involving a private vehicle and Higgins STMS Truck.	Minor	Higgins	Spill contained and contaminated waste removed and disposed as per Spill procedures.	04/11/22	Closed Out.
8.	01/12/22	Fuel Spillage on the pavement caused by the G Raj crew carrying out the asphaltting of the concrete edges at Site 2. As per the site supervisor, one of the crew members proceeded to refuel the plate compactor on the pavement resulting in the spillage.	Minor	Higgins	The spill kit was used to clean up the fuel spill on the pavement. Site supervisor advised to carry out refueling of the plate compactor off-site to avoid such incidents.	01/12/22	Closed Out.
ENVIRONMENTAL ISSUES – KRUP B							
9.	01/07/22	Water pipe damage by the concrete team at Tobu Village.	Minor	Higgins	Work was immediately stopped and supervisor onsite was informed. Materials to be used was onsite and damage was repaired immediately	01/07/22	Closed Out.
10.	07/07/22	Water pipe damaged during marker pegs installations at Rokovuaka Village.	Minor	Higgins	Supervisor and village turaga ni koro were informed of the incident and work was stopped. Water pipe repaired immediately.	07/07/22	Closed Out.
11.	12/07/22	Rear drive shaft loader leaking hydraulic oil at the Nayavu Stockpile.	Minor	Higgins	Mechanic from the workshop were then contacted to repair the loader before it is allowed to continue onsite.	14/07/22	Closed Out.
12.	16/07/22	Hydraulic hose burst for the Excavator while working onsite.	Minor	Higgins	Oil spill contained immediately with the use of absorption pads and absorption socks within the spill kit. Work was stopped immediately and plant was inspected as the supervisor was informed.	18/07/22	Closed Out.

13.	19/07/22	The Palas excavator whilst clearing and levelling the new stockpile site at Navesau had a hydraulic hose burst at the Navesau Stockpile Site.	Minor	Higgins	Work was stopped and spill kit was used contain the spill.	20/07/22	Closed Out.
14.	27/07/22	Diesel Fuel dripping from Metromix company concrete mixer truck that was transporting concrete to the Nabau District School site.	Minor	Higgins	Spill contained and drip tray provided to the driver for the drip.	27/07/22	Closed Out.
		Ponded Water.			Depressions with ponded water filled in	29/07/22	
		Poor Maintenance of Silt Fence			Silt fence cleared		
		Compaction of surface			Ground surface cleared		
		Poor Maintenance of Drainage System			Drains cleared		
		Lack of signage			Signage with contractor contact detail installed		
		Damaged Silt fence			Silt fence replaced	05/08/22	
21.	09/08/22	The Graj excavator whilst undertaking drainage and shoulder clearing works had a hydraulic hose burst.	Minor	Higgins	Onsite supervisor notified and leak contained and spill cleaned with spill kit.	12/08/22	Closed Out.
22.	02/9/22	Graj tipper truck hydraulic leak onsite at Naibita Village.	Minor	Higgins	Onsite supervisor notified and leak contained and spill cleaned with spill kit.	02/09/22	Closed Out.
23.	09/09/22	Truck IS802 hydraulic pipe burst during subsoil works at Naibita Village.	Minor	Higgins	Onsite supervisor notified and leak contained and spill cleaned with spill kit.	09/09/22	Closed Out.
24.	24/09/22	Loader conducting levelling and compacting works hydraulic pipe burst at Nasaibitu Village.	Minor	Higgins	Onsite supervisor notified and leak contained and spill cleaned with spill kit.	24/09/22	Closed Out.

25.	20/10/22	Fuel spillage from parked plants and machineries due to illegal activities (theft) at the Navesau Stockpile Site.	Minor	Higgins	Works Superintendent, Supervisor and Police were informed. Contaminated area stripped and contaminated waste cleared as per Environment Spill Procedures.	20/10/22	Closed Out.
26.	28/10/22	Sub-Contractor truck leaking oil at the Naibita Village Site.	Minor	Higgins	Works Superintendent, Supervisor were informed. Contaminated area stripped and contaminated waste cleared as per Environment Spill Procedures.	28/10/22	Closed Out.
27.	01/11/22	Oil drip from loader noticed by the driver at the Nasaibitu Stockpile Site.	Minor	Higgins	Works Superintendent, Supervisor were informed. Contaminated area stripped and contaminated waste cleared as per Environment Spill Procedures.	01/11/22	Closed Out.
28.	02/11/22	Sub-contractor's excavator hydraulic pipe burst whilst working at the Balekinaga Village site.	Minor	Higgins	HSE Team was informed together with the Superintendent and Supervisor. Contaminated area cleared and contractor advised to repair the machinery.	02/11/22	Closed Out.
29.	02/12/22	Sub-contractor's excavator hydraulic pipe burst whilst working at the Wailevu Village site.	Minor	Higgins	HSE Team was informed together with the Superintendent and Supervisor. Contaminated area cleared and contractor advised to repair the machinery.	02/12/22	Closed Out.
30.	10/12/22	Sub-contractor's excavator hydraulic pipe burst whilst working at the Naqia Village site.	Minor	Higgins	HSE Team was informed together with the Superintendent and Supervisor. Contaminated area cleared and contractor advised to repair the machinery.	12/12/22	Closed Out.

ii) *KRUP - Health & Safety Incidents (Identified, Resolved & Unresolved)*

No.	Incident Date	Incident Rating	Incident Summary	Incident Status	Closing Date
1.	29/11/22	Traffic Incident	A bus and a car were involved in an Motor Vehicle Accident (MVA) on site. 1. Both drivers were stopped in the stop/go area when they tried to jump the queue. No one was injured.	Closed	29/11/22

2.	10/12/22	First Aid Injury	A worker was helping a surveyor load his equipment's in the minivan. After all the equipment's were loaded, the worker was standing and using his mobile phone while resting his hand on the latch of the door. The surveyor had failed to see the workers hand and pushed the door to close it. The worker's fingers got jammed in the door injuring it. First Aid was applied on site by the surveyor and the worker was taken to the hospital for further examination. The workers finger was x- rayed and any chance of a fracture was ruled out. The worker was given a first aid treatment and sent home.	Closed	10/12/22
3.	6/12/22	Observation\ Near Miss	Was operating the PTR in the Live traffic and driven towards oncoming traffic without notifying the traffic controllers.	Closed	7/12/22
4.	7/12/22	Observation /Near Miss	A Higgins employee was found to be not wearing seatbelts while on a moving crew cab.	Closed	8/12/22
5.	12/12/22	Traffic Incident \Near Miss	On the 02/12/2022 at about 12.10pm a vehicle registration: HE.466 drove through the Stop sign on site where it was directed into the tapper by the crew after being notified by the T.C and let go once traffic is clear.	Closed	13/12/22
6.	12/12/22	Observation/ Stolen Property	On 12/12/22 at about 8.30am while the operator was carrying out prestart on the excavator registration KW.069 at Naiqia Village, he noticed there was less fuel from the previous day when he had parked and finished for the day he notified the supervisor and lodged a police report.	Closed	13/12/22
7.	12/12/22	Near Miss	On 12/12/22 at about 8.30am while the operator was carrying out prestart on the excavator registration KW.069 at Naiqia Village, he noticed there was sparks on the battery terminal as a result of loose connection. Plant was parked out and Pala's was notified.	Closed	12/12/22

8.	12/12/22	Near Miss	While driving through site noticed that the STMS and crew was packing down TMP from a moving STMS truck with no harness used.	Closed	13/12/22
9.	13/12/22	Observation /Near Miss	While driving through site noticed that the STMS and crew was packing down TMP from a moving STMS truck with no harness used.	Closed	13/12/22
10.	15/12/22	Observation/ Stolen Property	Fuel from the Watercart(HT.235) was stolen in the night, it is unclear on how as everything looked untampered with on the side of the plant while parked at the Navesau School Front.	Closed	15/12/22
11.	15/12/22	Observation/ Near Miss	Roller operator was carrying out compaction works when the Traffic controllers opened up site for traffic to enter.	Closed	16/12/22
12.	16/12/22	Observation /Near Miss	A G Raj Tipper Truck Reg:KT.545 was carting to site and in an attempt to turn around almost hit a vehicle in the live lane while working at Navesau School front.	Closed	16/12/22
13.	16/12/22	Observation /Near Miss	While driving through site a Traffic controller was seen on the back of the STMS truck while moving and he had the harness on but was not attached to the anchor points provided.	Closed	16/12/22
14.	16/12/22	Traffic Incident \Near Miss	A Taxi Reg: LT.7026 was travelling towards Suva when the driver slept behind the wheel while driving causing the vehicle to veer off the road and into the Navesau School farm.	Closed	16/12/22
15.	17/12/22	Observation/ Stolen Property	Fuel from the Watercart(MA.675) was stolen in the night, the lid was tampered with on the side of the plant while parked at the Navesau School Front.	Closed	17/12/22
16.	19/12/22	Traffic Incident \Near Miss	A Truck was passing site 15C in the early hours of the morning on Monday when the driver saw a horse running towards him and while trying to avoid contact went on the side but went too far and with the loose gravel he ended up with tail stuck in the drain. site was made safe for traffic flow and the vehicle was later removed of site by midday.	Closed	19/12/22

17.	21/12/22	Traffic Incident Near Misses	When the crew had arrived on to site at the Nasebitu Stockpile the crew had noticed a vehicle belonging to a member of public being driven into the drain and abandoned.	Closed	23/12/2022
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iii) KRUP - Stakeholders Engagement/Consultation

Date	Consultation Method	Purpose of Consultation	Location	Gender Disaggregate Information	Total Attendance
Stakeholders Engagement/Consultation – KRUP A					
07/07/22	One to One Consultation (at individual property owner's residence)	Consultation with 8 property owners to seek Consent for EFL to Work within their properties (increase EFL power line overhead clearance height).	[REDACTED]	M M F M F F F M	M – 4 F - 4
21/07/22	One to One Consultation (at individual property owner's residence)	Consultation with 2 property owners to seek Consent for EFL to Work within their properties (increase EFL power line overhead clearance height).	2. [REDACTED]	F F	M – 0 F - 2
25/07/22	One to One Consultation with Village Headman	Consultation with Village Headman to seek Consent for EFL to Work within village boundary (increase EFL power line overhead clearance height).	[REDACTED]	M	M – 1 F - 0
02/08/22	One to One Consultation with Head of School	Consultation with Tagitagi Sangam School Head Teacher regarding works on School frontage.	[REDACTED]	F	M – 0 F - 1
17/08/22	One to One Consultation with Village Headman	Consultation with Village Headman to seek Consent for EFL to Work within village boundary (increase EFL	[REDACTED]	M	M – 1 F - 0

		power line overhead clearance height).			
17/08/22	House to House Consultation	House to house consultation at KRUP A Site 4 with residents living in proximity to the main road.	[REDACTED]		N/A
09/09/22	One to One Consultation (at individual property owner's residence)	Consultation with property owner to seek Consent to use his land for stockpiling.	1. [REDACTED]	M	M - 1 F - 0
03/10/22	One to One Consultation (at individual property owner's residence)	Consultation with property owner to seek Consent to use his land for laydown area.	1. [REDACTED]	M	M - 1 F - 0
06/10/22	One to One Consultation (at individual property owner's residence)	Consultation with property owner to seek Consent to use his land for laydown area.	1. [REDACTED]	M	M - 1 F - 0
01/11/22	One to One Consultation (at individual property owner's residence)	Consultation with property owner to seek Consent to enter his property for drainage works.	1. [REDACTED]	M	M - 1 F - 0
08/11/22	House to House Consultation	House to house consultation with Residents living in close proximity to proposed works on joining sites 2 & 3.	[REDACTED] 6. [REDACTED]	M M F F F M	M - 3 F - 3
08/11/22	One to One Consultation with Village Headman	Consultation with Village Headman to join sites 2 and 3 and requested to share information with the identified residents along the road section.	[REDACTED] 3. [REDACTED]	M M F	M - 2 F - 1
08/11/22	One to One Consultation with Village Headman	Consultation with Village Headman to join sites 2 and 3 and requested to share information with the identified residents along the road section.	[REDACTED] 3. [REDACTED]	M M F	M - 2 F - 1

05/12/22	One to One Consultation (at individual property owner's residence)	Consultation with property owner to seek Consent to use his land for laydown area.	1. [REDACTED]	M	M – 1 F - 0
Stakeholders Engagement/Consultation – KRUP B					
04/07/22	One to One Consultation with Village Headman	Consultation with Village Headman to seek Consent for relocating the Nabau District School's Main Water Pipe (obstruction to footpath works).	[REDACTED]	M M	M – 2 F - 0
05/07/22	One to One Consultation with Village Headman	Consultation with Village Headman regarding road safety and near miss incident and precautionary measures for villagers.	[REDACTED]	M M	M – 2 F - 0
05/07/22	One to One Consultation with 2 Village Headmen	Consultation with 2 Village Headmen regarding road safety along Rokovuaka and Nalawa Villages.	[REDACTED]	M M M	M – 3 F - 0
06/07/22	One to One Consultation with 2 Village Headmen	Consultation with 2 Village Headmen regarding roadside markets, bus bay and shelter areas and possible removal if obstruction works path and reinstatement as per construction design provisions.	[REDACTED]	M M M	M – 3 F - 0
13/07/22	One to One Consultation with Village Headman	Consultation with Village Headman regarding footpath works and concrete curing incidents (footprints on curing concrete).	2. [REDACTED]	M M	M – 2 F - 0
14/07/22	One to One Consultation (at individual property owner's	Consultation with property owner to seek Consent to use his land for	[REDACTED]	M M	M – 2 F - 0

	residence)	accessing water from the river for the project.			
15/07/22	One to One Consultation with School Heads.	Consultation with the Navesau Adventist High School's Principal and Farm Manager regarding the planned works along the school's vicinity to include access request for carting water from the river.	3.	M M M	M - 3 F - 0
18/07/22	One to One Consultation with School Head.	Consultation with the Navesau Adventist High School's Farm Manager regarding the commencing of works on the Navesau Stockpile Site.	2.	M M	M - 2 F - 0
19/07/22	One to One Consultation (at individual property owner's residence)	Consultation with property owner on proposed Higgins Crew's Camp and fees at Bucalevu Village.	2.	M M	M - 2 F - 0
20/07/22	One to One Consultation with Manu Village and Nalutukoto settlement residents	Consultation with property owners regarding on KRUP B Works and awareness information.	2.	To be provided by Contractor.	N/A
28/07/22	One to One Consultation with Village Headman	Consultation with Village Headman to on awareness pamphlets distribution at Wailevu Village		To be provided by Contractor.	N/A
26/10/22	One to One Consultation with School Head.	Consultation with the Navesau Adventist High School's Principal regarding the installation of a cross culvert and as per requirements under the LARF.	4.	M M F F	M - 2 F - 2

04/07/22	One to One Consultation with Village Headman	Consultation with Village Headman to seek Consent for relocating the Nabau District School's Main Water Pipe (obstruction to footpath works).		M M	M - 2 F - 0

iv) KRUP - Grievances Redress Mechanism

GRM Register Ref No.	TIME AND DATE OF COMPLAIN	TYPE OF COMMUNICATION	PERSON RECEIVING THE COMPLAINT	COMPLAINANTS INFORMATION (NAME, ADDRESS, CONTACT)	DETAILS OF COMPLAINT	ACTION TAKEN <i>(Indicate the action taken, status of the case as of reporting period (if case has been closed and/ or what is current status - if still pending, etc.)</i>
KRUP A – GRM REGISTER						
28.	18/07/2022	Verbal Communication	[REDACTED]	[REDACTED]	[REDACTED] lodged a complained to Higgins Fiji regarding his driveway. [REDACTED] complained that he is unhappy with the design of the headwall constructed on his driveway as the aggregates from his driveway slides into the drainage. He also complained that his driveway is lower than the current road level therefore his vehicle might get damaged while entering and exiting the driveway.	An inspection was carried out by the HSE Team on 18/07/2022 and the pictures of the driveway was taken. The matter was then relayed to the project engineer for his action. A driveway inspection was carried out by the Project Engineer and SMEC on 2/08/2022 at Site 13. SMEC has given approval to Higgins Fiji via email to top up Mr Vijay’s driveway with the stockpiled materials and merge it with the current road level. The driveway has been merged with the current road level using the stockpiled materials. The Owner is satisfied with the driveway improvement and has acknowledged Higgins Fiji for their effort in resolving the issue. Status: Closed
29	9/08/2022	Verbal Communication	[REDACTED]	[REDACTED]	[REDACTED] complained via phone call that his farm access has been removed by Higgins Fiji during drainage works. [REDACTED] stated that the sugarcane on his farm is bound to be harvested soon therefore he needs the access for the trucks to transport the harvested sugarcane to the sugar mill. [REDACTED] requested if Higgins Fiji could assist him by reinstating the access.	An inspection was carried out by the HSE Team on 9/08/2022 where it was observed that a farm access has already been provided for Mr Rama near the bus bay. During inspection Mr Rama stated that he wanted another access since his land is divided into 2 parts. Mr Rama also confirmed that although his land is divided into 2 parts, it comes under the same lease. The issue was the discussed with the project

						<p>engineer where it was confirmed that there's only provision of one access per lease/lot therefore Higgins Fiji cannot construct another farm access for Mr Rama since he already has 2 access on his property.</p> <p>The decision was thoroughly explained to Mr Rama. Mr Rama was advised that if he still wishes to have another access constructed on his land then he can raise the issue with Fiji Roads Authority. Mr Rama managed to understand the decision and he thanked the HSE Team for their effort.</p> <p>Status: Closed on 10/08/2022</p>
30	25/08/2022	Verbal Communication	[REDACTED]	[REDACTED]	<p>[REDACTED] complained regarding a water pipe damage on her property caused by a Dayals truck driver. [REDACTED] property is currently used as a stockpile site at site 6 by Dayals. With accordance to [REDACTED] statement, the truck driver drove over the spot where the water pipe was buried at a shallow depth which caused it to get damaged. [REDACTED] stated that this incident happened around three weeks ago and they received a high water bill due to the leakage. [REDACTED] requested if the damaged pipe could be fixed and if Dayals could compensate the amount they During inspection [REDACTED] was asked if she have to pay for the water bill.</p>	<p>Upon receiving the complaint, an inspection was carried out by the HSE Team and the Dayals site engineer to confirm the validity of the complaint. During inspection, it was observed that the spot where the pipe was shallowly buried, was wet and water was slowly seeping from the ground.</p> <p>Hamish (Dayals Site Engineer) confirmed that it could have been one of his truck drivers who might have caused the damage. Hamish was told to have the pipe repaired as soon as possible.</p> <p>During inspection, Mrs Narayan was asked if she could provide the Water Bill from WAF to see the amount that was due, however, Mrs Narayan did not have the invoice from WAF. Instead, Mrs Narayan provided a small piece of paper where the meter number and the due amount was written.</p> <p>The Water Pipe was repaired by Dayals on 25/08/2022 and the area was</p>

						<p>secured using cones and cone bars. Mrs Narayan was asked if she could provide the bill for the previous 3 months so that a decision on compensation could be made. The management will consider the compensation issue once [REDACTED] provides the Water Bill for the previous 3 months. Upon further discussion, [REDACTED] revealed that she does not receive any Invoice from WAF since she pays her bills via paisa. The decision for reimbursement was discussed with the management after which a decision was made to reimburse the amount to [REDACTED].</p> <p>A sum of \$111.70 was given to Mrs Narayan on 13/09/2022. The pictures were taken during the issuance of the money and Mrs Narayan's signature was taken on a form to show that Higgins Fiji has reimbursed the money to her.</p> <p>Status: Closed on 13/09/2022</p>
31	1/09/2022	Verbal Communication	[REDACTED]	[REDACTED]	<p>Mrs Narayan complained regarding a water pipe Upon inspection, it was observed that the spot damage on her property which is being used as where the pipe was buried was wet and water was a stockpile site by Dayals at site 6. The water pipe had previously been damaged by Dayals and it was fixed on 25/08/2022. The area was then coned off to alert the drivers that a water pipe was buried on the particular spot. As per the complainant, the Dayals</p>	<p>Hamish (Dayals Site Engineer) was told to have the damaged pipe repaired as soon as possible.</p> <p>The damaged pipe was repaired by Dayals on 1/09/2022 and the area was again secured by cones. The driver was told to be more cautious and be vigilant while driving within the stockpile area especially near the coned off area.</p> <p>Status: Closed on 1/09/2022</p>

					Truck Driver came on site to turn his truck and in doing so it went too close to the cone. Eventually, the truck hit the cones and it went over the spot where the water pipe was buried at a shallow depth causing the damage. The complainant requested if the pipe could be fixed.	
32	30/09/2022	Verbal Communication	[REDACTED]	[REDACTED]	Mr Prakash who runs a fruit stall at Site 5 has complained that his business is really getting affected due to the increased road level during the construction phase. As per the complainant, there was a small space in front of his stall before work commencement at Site 5 where motorists used to park their vehicles and buy the products. However, due to the increased height of the road, it has become very difficult for motorists to park in front of his stall or on the side of the road to buy his product thus is causing a negative impact on his business. The complainant requested if his issue could be resolved as fruit selling is his main source of income.	<p>A site inspection was carried out by the HSE Team on 30/09/2022 and the picture of the area of concern was taken.</p> <p>The complaint details and the pictures were then sent to SMEC by the Higgins Project Engineer for their action.</p> <p>Status: Pending</p>
33	21/10/2022	Verbal Communication	[REDACTED]	[REDACTED]	A complaint was received by Mrs Permal in regards to her driveway in Tagitagi, Tavua (Site6). As per the complainant, her driveway has become a bit narrow after construction at Site 6 therefore she is facing difficulties in entering her	An inspection was carried out by the HSE team on 24/10/2022 where it was noticed that the driveway was wide enough for vehicles to enter the property without much difficulty. The picture of the driveway was taken and the matter was discussed with the engineers.

					property. She has requested if her issue could be resolved by Higgins Fiji.	<p>Upon discussing with Sunia (SMEC) on 28/10/2022, he confirmed that the driveway is wide enough for vehicles to enter and exit the property. He also confirmed that no headwall construction is planned for the driveway belonging to the complainant.</p> <p>The complainant was informed about the decision made by SMEC and was also advised to contact Fiji Roads Authority if she wants further clarification.</p> <p>Status: Closed on 28/10/2022</p>
34	25/10/2022	Verbal Communication			A complaint was received by Mrs Prasad in regards to the dusty conditions due to the movement of vehicles on the unsealed surface at Site 6 (Tagitagi). The complainant requested the dust could be controlled on site as it was affecting the residents living in close proximity to the main road.	<p>Dayals was instructed to arrange for the water cart for dust control.</p> <p>The water cart sprayed water on the unsealed surface for dust suppression. The stakeholder was then contacted in order to get a feedback.</p> <p>The stakeholder was satisfied with the dust control and thanked the team for their effort in addressing the issue.</p> <p>Status: Closed on 25/10/2022</p>
35	27/10/2022	Verbal Communication			The stakeholder who resides in Maqere, Ba (Site 5) has requested if the drainage near his farm could be cleared in order to allow proper flow of water during the rainy season. As per Mr Rao, the drainage near his farm does not have a proper flow due to the presence of weeds and grasses in the drain which causes the drain to overflow	<p>The stakeholder has raised this issue with SMEC and is awaiting their decision.</p> <p>A site inspection was carried out by the HSE Team on 27/10/2022 and the pictures of the area of concern was taken. The matter will be discussed with the engineers in order to plan an action.</p> <p>Fiji Roads Authority have consulted with the stakeholder and confirmed that</p>

					during rainy weather and the water gets action. flooded into Mr Rao’s farm. The stakeholder mentioned that he has raised the issue with SMEC and is awaiting their decision.	drainage clearance and head wall construction is planned for his access. Status: Closed
36	22/11/2022	Verbal Communication	██████████	██████████	The stakeholder lodged a complaint via phone call to the Higgins HSE Team to express his disappointment on the state at which his land was left after being used as a laydown area by Dayals. The stakeholder has requested if works can be done to improve his land conditions, ██████████ requested if the concrete materials and the aggregates could be removed from his area as he is planning to construct a house within that area. The stakeholder also requested if his area could also be properly leveled off.	The issue was discussed with ██████████ (██████████) and the pictures of the area of concern was emailed to him. The engineer was advised to have the concrete materials removed and the area to be properly levelled off as per the landowner’s request. The rehabilitation works was carried out on the area. The landowner’s property on 29/11/2022 where the concrete materials were removed and the area was levelled up properly by the Dayals Team upon the request of the landowner. The landowner provided his signature on the rehabilitation form declaring that he is satisfied with the rehabilitation works carried out on his property. Status: Closed on 29/11/2022
37	22/11/2022	Verbal Communication	██████████	██████████	██████████ carried out rehabilitation works on 19/11/2022 on the stakeholder’s property which was used as a stockpile for Site 6. A visit was made to the stakeholder on 22/11/2022 in order of the landowner. to get his signature on the rehabilitation works, however, the stakeholder refused to sign on the form as he was unhappy	The matter was relayed and discussed with ██████████ (Dayals Site Engineer). As per the site engineer, the rehabilitation works was done in the presence of the landowner. The landowner did not have any complaints at that time and also stated that he was happy with the works.

					<p>with how the rehabilitation works was carried out by [REDACTED] did not remove the concrete materials from his land. He requested if proper works can be carried out by the team to improve his land conditions.</p>	<p>A meeting was arranged on 25/11/2022 which the site engineer, site supervisor, HSE, the landowner and his son. The meeting was arranged to discuss the conditions of the landowner which was to level the area properly and remove the concrete materials. The Site engineer confirmed that the rehabilitation works will be carried out based on the landowner's conditions.</p> <p>The rehabilitation works was carried out on the landowner's property on 29/11/2022 by the Dayals team where large blocks of concrete materials were removed and the area was levelled off properly based on the landowner's request. Two piles of waste material were left on site upon the landowner's request.</p> <p>The landowner provided his signature on the rehabilitation form declaring that he is satisfied with the rehabilitation works carried out on his property by the Dayals Team.</p> <p>Status: Closed on 29/11/2022</p>
38	24/11/2022	Verbal Communication	[REDACTED]	[REDACTED]	<p>During a site inspection at the site 5 stockpile site, [REDACTED] (landowner) approached the HSE Team and stated that the culverts that are stored on site are blocking his farm access. The stakeholder requested if the culverts could be removed to make way for his farm machineries to enter the farm. The stakeholder is planning to</p>	<p>The issue was relayed to the site supervisor and the site superintendent. The site superintendent is making plans to have the culverts removed to clear the access to the stakeholder's farm.</p> <p>Status: Pending</p>

					plough his land using a tractor, however, it is impossible to enter the area as the culverts are blocking the access. The stakeholder requested if his issue can be resolved.	
39	7/12/2022	Email	[REDACTED]	[REDACTED]	The stakeholder residing at Bilolo, Ba approached the crew at Site 4 and enquired regarding his driveway. The resident has 2 driveways on his property out of which one has been constructed and sealed by the crew. The resident questioned as to why his second driveway has not been constructed in the similar manner as his first driveway. The stakeholder was advised by the site superintendent that as per the design, his property has provision for only one proper access which has already been constructed whereas the other access has to be removed as it is an improper access. The stakeholder refused to listen and kept telling the crew to construct his second driveway.	The site superintendent emailed the issue to SMEC on 7/12/2022 for their action. SMEC confirmed that there is provision of only one driveway on the stakeholder's property. The matter has been relayed to FRA by SMEC for their decision. Status: Pending
KRUP A Total Grievances Raised:			12 Grievances (3 pending, 9 closed out)			

GRM Register Ref No.	TIME AND DATE OF COMPLAIN	TYPE OF COMMUNICATION	PERSON RECEIVING THE COMPLAINT	COMPLAINANTS INFORMATION (NAME, ADDRESS, CONTACT)	DETAILS OF COMPLAINT	ACTION TAKEN <i>(Indicate the action taken, status of the case as of reporting period (if case has been closed and/ or what is current status - if still pending, etc.)</i>
KRUP B – GRM REGISTER						
5	25/09/22	Written Communication	[REDACTED]	[REDACTED]	The subcontractor received a complaint from the [REDACTED]	The tipper truck driver has been identified and counselled by the subcontracting company.

					<p>head teacher with regards to the speeding of tipper trucks as they pass the school vicinity. Tipper Truck drivers has been cautioned on a number of occasions but have not adhered to these requests. Students and teacher's life are at risk as the trucks cart aggregate material to and from the quarry sites 3 times a day.</p>	<p>Employment of the 2 tipper truck drivers have been terminated as the incident is a safety concern whereby the drivers were warned on a number of occasion? but they have not shown any improvements</p> <p>Status: Closed on 22/11/22</p>
5	06/10/22	Verbal Communication	[REDACTED]	[REDACTED]	<p>The Turaga ni Koro informed the subsoil installation team onsite that the village street lights have not been working for the past few days. This may have been caused by the footpath removal works that is being undertaken by the team.</p>	<p>The damaged streetlight connection box has been assessed and there were yellow paint marks on the damaged box sides. FRA was also informed via 5720 Customer Service toll free about the incident. The Turaga ni Koro has been informed of the assessment results together with the reporting of the incident to the FRA team.</p> <p>The Site Superintendent has reiterated the importance of reporting incidents on time in the next prestart to ensure that remedial works is undertaken soon after. Roller operator has been questioned with regards to the incident and he</p> <p>has informed the team that he was not aware of any incident whilst working in Bucalevu village. The roller operator for the subcontracting company has been removed from site as the incident was not reported. Damaged streetlights have been repaired/operational from the 24th of October.</p> <p>Status: Closed on 24/10/22</p>

6	18/10/2022	Verbal Communication	[REDACTED]	[REDACTED]	<p>The seal removal team was approached by Mr. Sakeo Seru as his shop which is located adjacent to the bus stop was affected by the roller vibration during works. The shop owner was concerned that some of the items from his shop were damaged.</p>	<p>The Higgins team approached the shop owner and have apologized for the inconvenience caused which was a result of road construction works. The shop owner was also informed that the incident will need to be reported together with any of the remedial measures that he may suggest will need to be included in the report. The shop owner has confirmed that he is not complaining about the works that is being undertaken but he is requesting if the can be compensated for the damaged items from his shop. The team reiterated that the pamphlets handouts and prior consultation before work commences highlights the impacts of road work. As discussed, vibration and dust are some of the expected impacts during road works therefore they will need to be aware that the current road construction work and impact will be felt during the teams work within the village boundary. Mr Sakeo Seru has been compensated for the damaged items and he has not requested for any further assistance.</p> <p>Status: Closed on 21/10/22</p>
7	19/10/2022	Verbal Communication	[REDACTED]	[REDACTED]	<p>The property owner informed the STMS onsite that they had seen that a container truck and low bed trailer truck coming into contact/tipping their low overhead powerline. The property owner has suggested that this was a result of the lifting of the road level during the KRUP project.</p>	<p>He has been informed by the team that the EFL power line verification and measurements were conducted prior to project works and the team will flow up on the status of this verification works and the timeline for when this will be done. Project managements were informed of the concerns raised [REDACTED]. Assessment and pictures were taken to verify the property owner's concerns and the team has confirmed the exact height of the power line from</p>

						<p>thenewly sealed road. Low point height for the customers' service line is approximately 4.3 mtrs. Measurements was submitted to the assistant construction manager for KRUP B. Low customers service line readjustment will be carried out by a subcontracting company.</p> <p>Status: Closed (02/11/22)</p>
8	5/11/22	Verbal Communication	[REDACTED]	[REDACTED]	<p>The Assistant Head teacher's wife approached a subcontracting company onsite as she was concerned that her daughter had injured her toe from an exposed 665 mesh in the footpath/bus bay area adjacent to the school.</p>	<p>The student was immediately taken to hospital after the incident before the incident was reported to the concrete team. Safety checks and assessment by the team identified that the continuous heavy rain resulted in the washed out of aggregate material that was covering the reinforcements. Exposed mesh was unraveled, safely laid back into place and covered with aggregate material to ensure that no further incident occur.</p> <p>Idle site constant safety checks and assessments was reiterated to the concrete team and leading hand on the next prestart by the site Superintendent. Team also approached the injured student and assisted with first aid kit in treating her injury (7/11/22).</p> <p>Parents were also advised to contact the team onsite if further medical assistance is required. Follow up on the 15/11/22.</p> <p>Status: Closed (7/11/22)</p>
KRUP B Total Grievances Raised:			5 Grievances (0 pending, 5 closed out)			

b) Queens Road Upgrade Project (QRUP)**i. QRUP - Environmental Incidents (Identified, Resolved & Unresolved)**

No	Incident Date	Incident Summary	Risk Rating (Minor/ Moderate/Major)	Responsibility	Action Undertaken	Actioned Date	Status
ENVIRONMENTAL ISSUES - QUEENS ROAD UPGRADE PROJECT (QRUP)							
1	30/06/22	No Fence on the laydown and stockpile area. NTC113.	Minor	CR5G	Orange netting has been placed along the boundary of all the stockpile sites. Information board detailing contractors name, emergency and grievances contacts.	03.08.22	Closed Out. NTE 127.
2	19/07/22	Damage silt fence along the drainage	Minor	CR5G	Contractor have reinstated the damage fence	22.07.22	Closed Out
3	19/07/22	Exposed slope with no proper stabilization in place.	Minor	CR5G	Headwall installed with stabilization works undertaken. This included the planting of vertiver grass to increase bank protection.	21.12.22	Joint ADB FRA visit in Dec confirmed this. Closed Out.
4	20/07/22	Excavated soil from the culvert works placed on the road and exposed	Minor	CR5G	Excavated soil have been removed from the site.	29.07.22	Closed Out.
5	20/07/22	Open Burning and Spillage at the maintenance workshop area	Minor	CR5G	Workers have been reminded once again on No Burning policy. No Burning signage has been put up at the workshop area and a rubbish bin. Contaminated soil have been removed and exposed soil is covered with sand and gravel.	29.07.22	Closed Out.

6	09/09/22	"Korotogo stockpile-The spilled materials into the nearby drainage channel needs to be removed and ensure there is adequate setback against the nearby drain.to be removed and ensure there is adequate setback against the nearby drain. Reduce the height of stockpile to less than 2m. "	Minor	CR5G	The aggregate materials that have spilled into the drainage area has been all been cleared. New fences have been installed so it could contain the spills. Aggregate height has been reduced.	26.10.22	Closed Out. Refer to NTE156.
7	29/09/22	Korotogo Village – Planet Café area – Observed open drains and trenches without protective measures Ensure that these are adequately enclosed with appropriate barriers for safety of the public and community	Minor	CR5G	Open drains and trenches have been barricaded with caution tape and the orange safety netting.	26.10.22	Closed Out. Refer to NTE156.
8	02/11/22	The Construction Environmental Management Plan (CEMP) may have to be updated accordingly, and accepted by the DoE. NTC 158.	Minor	CR5G	CEMP revised and submitted to FRA on 04.12.22 further submission to ADB/WB on 05.12.22. Review comments by ADB/WB received on 09.12.22. Contractor addressed the comments and FRA resubmitted on 29.12.22.	29.12.22	Pending ADB/WB no objections and submission to DOE.

ii) QRUP - Health & Safety Incidents (Identified, Resolved & Unresolved)

No	Incident Date	Incident Summary	Risk Rating (Minor/ Moderate/Major)	Responsibility	Action Undertaken	Actioned Date	Status
1	04/07/22	Exposure of Streetlight Cable due to excavation works undertaken at Namada Village.	High (Near Miss)	CR5G	Incident reported to Engineering Consultant & OHS Manager. <ul style="list-style-type: none"> • Works restricted on site. • Safety Barricade installed • Reported to FRA. 	pending	Pending Incident RCA & SCAP report for closure.
2	03/08/22	Exposure of TFL Fibre Optic Cable due to excavation works at Vatukarasa Village.	High (Near Miss)	CR5G	Incident reported to TFL and Engineers. <ul style="list-style-type: none"> • Works restricted on site. • Safety Barricade installed • Reported to FRA 	pending	Pending Incident RCA & SCAP report for closure.
3	06/08/22	Vehicle Collision involving a Public Vehicle and CR5G's Dumper Truck.	High (Near Miss)	CR5G	Incident reported and both drivers were checked for injuries.	Pending	Pending Incident RCA & SCAP report for closure.
4	17/08/22	Traffic Accident involving Public Vehicle hitting CR5G's Traffic Controller.	High (Near Miss)	CR5G	Incident reported to FRA and Police. TC was taken to hospital for immediate attention.	Pending	Pending Incident RCA & SCAP report for closure.
5	02/09/22	Property Damage caused by loader machine operation.	High (Near Miss)	CR5G	Incident Reported to OHS Manager.	Pending	Pending Incident RCA & SCAP report for closure.

iii) QRUP - Stakeholders Engagement/Consultation

Date	Consultation Method	Purpose of Consultation	Location	Gender Disaggregate Information	Total Attendance/Registered
05/07/22	Community Consultation	Vatukarasa Grave Relocation Consultation	Vatukarasa Village	M- 6 F- 2	8
06/10/22	Pamphlet Drop	Public Holiday Works Awareness	Korotogo Village, Backroad & Crow's Nest Residents	M- F-	30 Households
18/11/22	Community Consultation	Project Background and Scope of Works	Navutu Village	M- 5 F-7	12
21/11/22	Letter Drop	QRUP Section 5 Extension	QRUP Section 5 Community	M- F-	20
28/11/22	Letter Drop	QRUP Section 5 Extension	QRUP Section 5 Community	M- F-	20
06/12/22	House to House Visitation	Vatukarasa Septic Tank Relocation	Vatukarasa Village – Mr. Tukere and Mr. Bolakoro's residence.	M- 2 F-1	3
07/12/22	Community Consultation	Project Background and Scope of Works	Yako Village	M- 8 F-14	22

iv) QRUP - Grievances Redress Mechanism

Date	Road section/Village	Type of Grievance/Concern	Responsible Person	Key Concerns/Comments	Status of Grievance
31.08.22	Vatukarasa Village	Dumping of milled materials and road shoulder at disposal site	EM	<ul style="list-style-type: none"> Materials are not being leveled but are being dumped in heaps Levelling of the heaps needs to be carried out. Awaiting availability of the digger. The area has been levelled. 	Closed out on 19.12.2022.
29.09.22	Korotogo – Section 4A	Current road construction work has slowed down the business at Coffee Planet by Mr. Adrienne	EM	<ul style="list-style-type: none"> Mr. Adrienne has been advised to send an email to try and verify the claim. No email has been received so far. 	Pending.
		An EFL/TFL post in front of [REDACTED] property is posing as safety risk.	EM	<ul style="list-style-type: none"> [REDACTED] has been advised that the pole will be taken down. [REDACTED] then requested if he could be informed when the pole removal works starts. 	Pending.

Date	Road section/Village	Type of Grievance/Concern	Responsible Person	Key Concerns/Comments	Status of Grievance
27.10.22	Section 4A – Korotogo Village – Mr. Railau.	Levelling of dumped materials	EM	<ul style="list-style-type: none"> Dumped materials has not been levelled. All the areas have been levelled properly. 	Closed out on 19.12.2022.
06.12.22	Section 4B – Malevu Village	Damaging of the water pipe channel	EM and Traffic Team Driver (Esala)	<ul style="list-style-type: none"> WAF came to the site to fix the broken pipe. Water was restored. 	Closed out on 07/12/2022.
09.12.22	Section 4A – Korotogo	Trapped surface runoff.	EM	<ul style="list-style-type: none"> Mr. Gounder reported that surface runoff is trapped in his compound and there is no outlet for the water to be recede too. A drain was initially there but has now been backfilled hence no outlet for the water to recede to. Mr. Goundar has been advised that once kerb and channel and pavement is completed, a dish drain will be constructed to mitigate this issue. 	Closed out on 22.12.2022.
12.12.22	Section 4A – Korotogo	Design of the private driveway is too narrow.	EM & CWS/Sheladia Inspectors	<ul style="list-style-type: none"> Mr. Adriaan stated that the approved design for the driveway is too narrow. Vehicles turning in or coming out from property (Coffee Shop) will cause either cause traffic congestion. Big vehicles like a Hilux will not fit in that driveway. Inspectors have inspected and drive designs has been amended to address the above issue. 	Closed Out on 15.12.2022.
13.12.22	Section 4A – Korotogo	Private driveway works	OHSM	<ul style="list-style-type: none"> A lady from Korotogo raised her disappointment as she was not informed prior to the work on her driveway which prevented her from doing her activities for the day. 	Closed out on 15.12.2022.

Date	Road section/Village	Type of Grievance/Concern	Responsible Person	Key Concerns/Comments	Status of Grievance
				<ul style="list-style-type: none"> The CR5 team apologized to the lady, the drive way was then constructed properly. 	
15.12.22	Section 4A – Korotogo	Trapped surface runoffs at the Korotogo Shop.	EM & OHSM	<ul style="list-style-type: none"> Mr. Gounder again voiced his concern about the road surface runoff which was trapped at their compound causing a pool of water. He then requested if a temporary outlet could be constructed to drain all those waters. He has been advised that the temporary drain will be constructed on Monday. 	Closed out on 22.12.2022.
16.12.22	Section 4A - Korotogo	Excessive dust emission	EM	<ul style="list-style-type: none"> Mr. Sharma complained that the Korotogo roundabout works are usually dusty and requested for a water spray around the area. The water truck was sent to spray the area. 	Closed out on 16.12.2022.
TOTAL		10 Grievances (2 pending, 8 closed out)			

c) Suva Arterial Road Upgrade Project (SARUP 2)

i. SARUP 2 - Environmental Incidents (Identified, Resolved & Unresolved).

No	Incident Date	Incident Summary	Risk Rating (Minor/ Moderate/Major)	Responsibility	Action Undertaken	Actioned Date	Status
ENVIRONMENTAL INCIDENTS - SARUP 2 - FOSTER ROAD							
1	06.10.22	a) The silt fence needs to be maintained and fixed regularly. Some of the areas have got gaps and have collapsed.	Minor	EM	ADB Inspected and confirmed on the site visit on 04.11.2022 and email dated 07.11.2022 "We appreciate the efforts by CR5 in addressing the concerns we raised. We confirmed that the mini sediment pond has been cleaned and the sediment fence has been fixed".	08.10.22	Closed Out
2	06.10.22	b) The mini silt fence pool/pond needs to be cleaned with a clean fabric replacing the torn one.	Minor	EM	ADB Inspected and confirmed on the site visit on 04.11.2022 and email dated 07.11.2022 "We appreciate the efforts by CR5 in addressing the concerns we raised. We confirmed that the mini sediment pond has been cleaned and the sediment fence has been fixed".	08.10.22	Closed Out
3	06.10.22	d) Traffic management plan compliance. We noted that there are no safety measures installed (as agreed) to address the live lane where one of the workers was injured previously. This is clearly a non-compliance with the TMP. Please provide alternatives and continue to follow up with the contractor on when the action will be implemented to address this. The Contractor committed to the use of hard or water filled barriers in their tender documents. Please ensure these are	Minor	EM	ADB Inspected and confirmed on the site visit on 04.11.2022 and email dated 07.11.2022 "...We confirm that water-filled barriers have been installed at the live lane and we understand that CR5 have ordered more of these".	04.11.22	Closed Out

		used finding alternate procurement options as needed.					
4	04.11.22	a) We confirm that the development application has been approved by Suva City Council on 31 Oct 2022 and this had been shared with us. An application for a waste permit will be lodged with DOE and the approval will be shared with ADB/WB including the revised CEMP.	Minor	EM	CEMP V08 has been submitted to ADB/WB for their review on 29/11/2022. Acknowledged by ADB in the corresponding email. Waste Permit has been submitted to DOE on 10/11/2022.	29.11.22	Closed Out
5	04.11.22	<u>Nabua School Dumpsite</u> There is an existing drainage to the front of the site with sediment fence already being installed. We advised CR5 to consider the setback of stockpiles against the existing drainage including the heights of these stockpiles.	Minor	EM	Height and distance of stockpile against drainage has been addressed. Setback from drainage by 2m and height reduced to less than 2m.	06.12.22	Closed Out by incident report dated 12/12/22.
6	04.11.22	c) The site shall also be appropriately fenced off with a signage detailing the contact person's name and a telephone number.	Minor	EM	Signage installed with necessary information.	06.12.22	Closed Out by incident report dated 12/12/22.
7	04.11.22	d) CR5/FRA will confirm the volume of waste that will be dumped at the Nabua site.	Minor	EM	FRA confirmed Volume of 400m ³ /month.	06.12.22	Closed Out
8	04.11.22	e) We confirmed from CR5 that most of the waste materials will be subsoil and cement waste.	Minor	EM	Confirmed by Ms. Ferila ADB on the 07/11/22 email correspondence	07.11.22	Closed Out

9	04.11.22	f) We informed the CR5 and the reps of the school committee to consult adjacent property owners and provide records of these consultations	Minor	EM	CR5 yet to dispatch consultation letters.		Pending
10	04.11.22	g) Copies of the lease agreement and certified survey plan will be shared with ADB/WB.	Minor	EM	Submitted within the LARRD Report SARUP 2 Additional Laydown on 29/11/2022 to ADB/WB.	29.11.22	Closed Out
11	04.11.22	h) As the site will be elevated against most of the adjacent properties (specifically those to the rear), consider proper drainages to manage runoff and ensure that the fill is adequately engineered to avoid any slips to nearby properties.	Minor	EM	Existing cutoff drains within the site will be used to manage runoff. Department of Environment has also undertaken their inspection of the site.	06.12.22	Closed Out
12	04.11.22	j) We noticed that some of the holes and trenches are not being barricaded appropriately. This was raised with CR5 who will be addressing these.	Minor	EM	Trenches and holes within the project site have been barricaded with the orange safety net. Inspected by ADB/FRA joint monitoring on 20/12/22.	06.12.22	Closed Out

ii. SARUP 2 - Health & Safety Incidents (Identified, Resolved & Unresolved)

No.	Agreed Actions	Due By	Action By	Remarks
4	SARUP 2- Submit incident Reports & SCAPs	17 October	FRA	SARUP 2 RCA_SCAP submitted to ADB/WB on 15/11/22 for no objection for review.
6	SARUP 2- Complete and submit targeted audits on the following: Trenching to confirm (i) compliance with HSP (barricading, shoring and benching etc);	18 October	FRA/CR5	Closed Out and addressed through the Environmental Action Items 12 above.

iii. SARUP 2 - Stakeholders Engagement/Consultation

Date	Consultation Method	Purpose of Consultation	Location	Gender Disaggregate Information	Total Attendance/Registered
21/07/22	Meeting	Acquisition of a new Dumpsite at the Old Nabua Secondary School Grounds and request for meeting with Nabua Secondary School Management.	Sawau Rd Residents	M- F-	
02/07/22	Letter Drop	Commencement of works at CH380 - CH500 Carpenters Motors Frontage (Opp. Mobil Service Station).	Foster Rd CH380 –CH500	M- F-	
05/08/22	Letter Drop	Commencement of works at 680-760RHS Paradise Beverage (Fiji) Ltd Frontage.	Foster Rd CH680 –CH760	M- F-	
05/08/22	Letter Drop	Commencement of works at 580LHS Foster Court Frontage.	Foster Rd CH580 LHS	M- F-	
05/08/22	Letter Drop	Commencement of works at 800LHS Faló's Tyre Service	Foster Rd CH800 LHS	M- F-	
05/08/22	Letter Drop	Commencement of works at 590-630LHS Total Service	Foster Rd CH590 –CH630	M- F-	
04/09/22	Letter Drop	Commencement of works at FCS Frontage.	Foster Rd Fiji Corrections Services	M- F-	
04/09/22	Letter Drop	Commencement of works at IMOJ-FIJI-BSC Frontage.	Foster Rd IMOJ-FIJI-BSC Frontage.	M- F-	
04/09/22	Letter Drop	Commencement of works at PACIFIC TRANSPORT frontage	Foster Rd Pacific Transport	M- F-	
04/09/22	Letter Drop	Commencement of works at BAINIMARAMA SEAFARER SERVICES frontage	Foster Rd CH180 –CH200	M- F-	
04/09/22	Letter Drop	Commencement of works at TOTAL frontage	Foster Rd TOTAL frontage	M- F-	
04/09/22	Letter Drop	Commencement of works at MOBIL frontage	Foster Rd MOBIL frontage	M- F-	
06/12/22	Letter Drop	Commencement of works at Quality Print.	Foster Rd Quality Print.	M- F-	
06/12/22	Site Visit and on sight consultation	Commencement of excavation work in front of Fiji Gas	Foster Rd Fiji Gas	M- F-	

iv. SARUP 2 - Grievances Redress Mechanism

GRM Register Ref No.	COMPLAIN DATE	DETAILS OF COMPLAINT	SR REF NO. (If Any)	INFORMANT DETAILS	ACTION TAKEN	GRIEVANCE STATUS
02/22-GRM	06/07/2022	A Complaint was lodged with CR5G's E&SS Manager regarding limitations and constrictions on parking	N/A	Managing Director Processing Valves	<ul style="list-style-type: none"> E&SS Manager visited the site and met with the MD to show the area of 	Grievance closed out on 07/07/2022.

		spaces on Processing Valves Shop frontage (CH640) at the corner of Matua St and Foster Rd. The request was for the temporary hoarding to be removed and allow more parking and loading space until the construction activities are actually near their business.		Foster Rd Mobile No. 9929240	<p>concern.</p> <ul style="list-style-type: none"> E&SS raised the issue within the management internal forum (Wechat) requesting temporary removal of those hoarding limiting parking and ATM machine access. CR5G Traffic team acted on request allowed more room for convenient parking and access. Daily Visitation to all businesses by E&SS Manager to ensure no issues arises during the actual construction activities on their building frontage. 	
03/22-GRM	20/07/2022	Issue raised by Ministry of Economy (MOE) regarding the affected tiled pavement and overhanging cantilever and whether any reimbursement will be made by the contractor or Project Principal regarding its removal cost.	N/A	Mr. Saverio Sakimi Ministry of Economy Suva ssaverio@economy.gov.fj Mobile No. 9146792	<ul style="list-style-type: none"> CR5 undertook the works under day works. Works were closely supervised with the MOE staff in consultation with the tenant. MOE staff signed the acknowledgement letter to commence works on the site mid-August. 	Grievance closed out on August 2022.
04/22-GRM	02/09/2022	A complaint was logged with FRA's Service Request (SR) Platform raised by the Yacht Club management regarding the reinstatement of the silt fence to keep CR5G workers away from the boundary of the said premises.	SR29893	Ms. Raziya Nisha Royal Suva Yacht Club gm@rsyc.org.fj Mobile No. 9922921	<ul style="list-style-type: none"> Yacht club manager visited the site to show the area of concern. Yacht club manager raised the issue requesting the reinstatement of the silt fence. CR5G environment team acted on the request setting up the netting and notified worker to mind their behavior and no surpassing is accepted. Daily visitation to the said area to ensure no issues arises during the actual construction activities through whole time. 	Grievance closed out on 23/09/2022.
05/22-GRM	15/09/2022	Issue raised by Pacific transport regarding their septic tank breakdown claiming that it's CR5G's error construction activity and sewage water running out to the ground surface.	N/A	Navneel Kumar Pacific Transport Accountant@pacifictransport.com.fj Mobile No.9994369	<ul style="list-style-type: none"> The accountant of Pacific Transport raised an oral complaint to Jessi Chen regarding their sewage issue which has been existing for over one month and claimed it is cause by CR5G's error 	Grievance closed out on 24/09/2022.

					<p>construction activity.</p> <ul style="list-style-type: none"> • A site visit was paid by the accountant and Jessi Chen on the 15th of Sep. • A site visit was paid by Mr. Paula from WAF on the 16th of Sep. and suggested a bailing-out at Pacific transport's own cost should be actioned thereafter and CR5G assisted to excavating the top soil with a gesture of goodwill since it is within the premises of Pacific Transport and beyond CR5G's construction area. • It is at last found out the Pacific Transport's wrong conduction on connecting their sewage pipeline to the public stormwater chamber and got blocked since CR5G renewed the storm water chamber. Pacific Transport will fix their problem at their own cost. 	
06/22-GRM	09/11/2022	<p>FRA was copied in an email to DOE by a concerned Lami resident who frequented the SARUP 2 Foster Rd project site for occasional walks. Concern raised was regarding a broken sewer pipe on the frontage of Korovou Prison that may be channeled into the existing culvert and towards the yacht club. The complainant also raised the issue of foul smell still experienced along the road alignment even after the broken pipe was repaired.</p>	SR31610	<p>Ms. Monica Patel Lami Resident patelmonica163@gmail.com</p>	<ul style="list-style-type: none"> • FRA logged the grievance into the SR portal. • responded to the complainant and acknowledged the complaint raised. • Referred the complaint to the delivery team who has addressed this with the Contractor. • FRA and CR5 held a meeting with the Corrections Office regarding their greyish and blackish water discharge into the new drainage system. 	<p>Grievance is still pending. Awaiting closure report from CR5.</p>
TOTAL				5 Grievances (1 pending, 4 closed out).		

d) 40 Bridges and 3 Jetties Project**i. 40 Bridges & 3 Jetties - Stakeholders Engagement/Consultation**

Date	Consultation Method	Purpose of Consultation	Location	Gender Disaggregate Information	Total Attendance
01/07/22	Community Consultation	Community Consultation for the Sese Bridge (P4)	Sese Village Hall,	Not provided	49
09/09/22	Community Consultation	Community Consultation for the Wainaloka Bridge (P4).	Wainaloka Village Hall, Levuka	Not provided	46
12/09/22	Community Consultation	Community Consultation for the Wai Bridge (P4).	Wai Village Hall, Taveuni	Not provided	46
13/09/22	Community Consultation	Community Consultation for the Navaca Bridge (P4).	South Taveuni Primary & Secondary School, Taveuni	Not provided	17
13/09/22	Community Consultation	Community Consultation for the Qacavulo Bridge (P4).	Mr. Rex and Aqela Cochane's Residence	Not provided	12
13/09/22	Community Consultation	Community Consultation for the Waica Bridge (P4).	Minutes to be provided.		
23/09/22	Community Consultation	Community Consultation for the Oinafa Bridge (P4) and Jetty	Rotuma Island Council Meeting Room, Rotuma	Not provided	21
26/09/22	Community Consultation	Community Consultation for the Oinafa Bridge (P4) and Jetty	Oinafa Village, Rotuma	Not provided	30

APPENDIX C: QRUP CONSULTATIONS SUMMARY

Date	Stakeholders	Community Name	Items of Discussion
18/11/22	<ul style="list-style-type: none"> • Civil Work Solution/Sheladia • CR5G 	Navutu Village(Section 5)	<ul style="list-style-type: none"> • Employment opportunities enquired about. • Request for speed humps at village entrance after fatal experience. • Women's village group interested in rehabilitation works of planting flowers and plants. The proposal will be considered. • Environmental concern for potential oil spill, mentioned during consultation, affecting access to freshwater prawns and mussels. Reassurance provided for mitigation measure and minimizing impacts. • Request for the use of the side of the bridge for sidewalks and safe walking zone.
07/12/22	<ul style="list-style-type: none"> • Ministry of i Taukei Affairs - Absent • Civil Work Solution (CWS)/Sheladia • China Railway No.5 Engineering Group (CR5G) 	Yako Village (Section 8)	<ul style="list-style-type: none"> • Request for additional speed humps to address speeding from Sigatoka to Nadi-consultant engineer will identify need for hump & amend road upgrade design if required. • Inspection to be carried out after consultation on the blocked culverts - causing flooding. • need for a bus shelter to be erected mainly for school children and the villagers as well to wait for transportation in especially during rainy days. As it is they usually use the shopping center across the village but sometimes the shop owner sometimes restricts them from using the place as it disrupts customers • Four of the village streetlights set up by FRA not working. FRA will look into it.

NB: Actual Consultations Minutes available upon request

APPENDIX D: KRUP CONSULTATIONS SUMMARY

Date	Stakeholders	Location Name	Items of Discussion
26/10/22	<ul style="list-style-type: none"> • Navesau Adventist High School • KRUP B /Higgins • SMEC 	Navesau Adventist High School	<p>No objection to plan – the principal will inform the School Board of the proposed works. The minutes of the meeting would suffice for information.</p> <p>Consent granted by the Chairman of the Navesau School Board for access of drainage works along the boundary of the existing school.</p>
08/11/22	<ul style="list-style-type: none"> • Turaga ni Koro Nataaicake • Higgins Fiji • SMEC 	Nataaicake Village	<ul style="list-style-type: none"> • Request for temporary road humps before and after school hours. • Request to notify neighboring village Sorokoba as land boundary is covered by proposed roadworks.
08/11/22	<ul style="list-style-type: none"> • Turaga ni Koro Sorokoba • Higgins Fiji • SMEC 	Sorokoba Village	<ul style="list-style-type: none"> • Response to be relayed back to Turaga ni Koro following consideration by consultant engineers on the approved road design- to address the narrow road with at Nataaicake village.

NB: Actual Consultations Minutes available upon request

APPENDIX E: 40 BRIDGES & 3 JETTIES CONSULTATIONS SUMMARY*

Date	Stakeholders	Bridge Name	Items of Discussion
01/07/22	<ul style="list-style-type: none"> • FRA • Planit • Beca International • Erasito • Village Community Reps and participants. • Commissioner's Office. 	<ul style="list-style-type: none"> • Sese Bridge (P4) 	<ul style="list-style-type: none"> • The continuous occurrence of landslide next to the school that is within the vicinity of the proposed project due to the poor drainage system. However, FRA advised the community members that is a separate discussion, the purpose of this consultation is to focus on Sese Bridge. • The villagers advised that they fish at the nearby river and their common catch from the river is the red snapper, trevally, freshwater nerite and freshwater barnacles etc. • The existing structure is 30meters long and the new proposed bridge will be 52meters long which will require piers compare to the existing structure. • They have experienced flood issue in the past, the most recent one was during cyclone Yasa in December, 2020. The water level receded as soon as the rain stopped advised by the community reps. • Villagers tie their boats next to bamboo tress located downstream of the bridge for easy access to their boats when they go for fishing. • Parents from other villages and settlements dock 5-6 boats at the same time. Hence, the importance to have steps and proper access beside the bridge. • Villagers prefer boat as a mode of transportation because it reaches their destination faster compare to public transport. • Preferred to have the footpath towards the sea side. • The Design team is to consider that the proposed bridge to be more accessible to everyone including cattle and other animals, as raised by the villagers that farms are on the other side of the bridge. • Currently there are no logging activities but they have mahogany plants currently planted for future logging activities. • No burial or graveyard within the vicinity of the proposed project. • The name of the river is Qereqere which is known by the locals but will have to be verified by the consultants with the Lands Department. • Communities raised concern regarding the existing bridge structure experience movement when vehicles cross over the bridge.

Date	Stakeholders	Bridge Name	Items of Discussion
			<ul style="list-style-type: none"> • Crop compensation will be undertaken by FRA accordingly; these are plants with Market value that will be affected by the construction of the bridge. • The other side of the bridge belongs to Mataqali Naturuku and the other side belongs to Vatukaroa estate. • There's 28 households in the village. • Villagers requested for street light or solar lights installed by the side of the bridge for safety purposes, as advised by FRA that this will be taken into consideration by the design team. • The nearest Health center is in the Lakeba street which is \$30 for a private vehicle charge and there is no public transportation. • Job employment will be an agreement between the successful contractor and the villagers.
09/09/22	<ul style="list-style-type: none"> • FRA • Planit • Erasito • Beca International • Lomanitoba Co Ltd • Police Force • Commissioner's Office. • Village Community reps and participants. 	<ul style="list-style-type: none"> • Wainaloka Bridge (P4) 	<ul style="list-style-type: none"> • Village is prone to flooding due to the river flowing downstream meandering close to their village access road causing the flood water gush into the village, another contributing factor is when debris blocks the waterway is causing the water to backflow back to the village. • Flooding occurs on heavy downpour together with high tide since river is tidal. The proposed bridge will be 1.4meter high to the existing bridge to ensure proper flow, there will be a hydrological carried out as part of the assessment for this bridge. However, the 1.4meter high will be dependent on the results of the hydrological assessment. • Debris such as tree trunk are the contributing factor to the blockage. • They preferred to have the footpath on both side of the bridge for safety reasons especially those that cross to their farm on the other side of the bridge. • Plantation is on the side of the bridge. • They have advised that the landing site downstream is deep for boats compared closer to the bridge. However, they raised their concern of sediment built-up causing the area to be shallow which then exacerbates the flooding to the village, they requested to have this area be dredged during and after the construction of the bridge. • The bridge alignment is 18m long that would allow for river widening and free flow of water, rocks will be piled at the approach on either side of the bridge to prevent soil erosion and protect the structure itself. • It usually takes half an hour or more for water level to recede to the normal level. • They requested if the project team could straighten up or divert the river instead of the river water from upstream having to meander through the river curves as it is a contributing factor to flooding in the village.

Date	Stakeholders	Bridge Name	Items of Discussion
			<ul style="list-style-type: none"> • The community uses the river for fishing, they confirmed that women catch prawn upstream of the bridge and go crab catching further downstream of the bridge in the mangrove area. • Water pipeline connected to the existing bridge structure caters for the villages and other communities nearby. • There are there LOU that may be affected from the construction; the land on upstream on the both side of the bridge belongs to the Wainaloka Anglican Church and the land on the downstream Davetalevu Legacy Pte. The land located further downstream belongs to the Patterson Family. • They confirmed that the waterway which runs under the subject bridge is known as the Wainaloka River which will be verified with the Lands Department. • The community fully supports the proposed project and are willing to assist the successful contractor if works progressed. • The community also advised that their land is freehold land which is approximately 444 acres of area and are willing to give a piece of the land for the contractor’s laydown and site office. In addition, they have requested to have fencing for safety reasons if works are to commenced. • The playground that they are willing to give it to the contractor for their laydown area is used for church bazaar and other sports events specifically rugby sevens. • The identified Pandanus tree that will be affected is used by the women in the community to weave mats. • They have raised their concerns regarding heavy trucks damaging the existing bridge structure. • They advised the best place for the barge to upload is the Buresala Jetty which is adjacent to the airport side. • Potential employment is a negotiation between the contractor and the communities. • They queried if railings will be installed on the proposed bridge and confirmed by the Engineer that railings will be installed on the downstream side whereas on the upstream side will be on the upstream. • Their common crops for selling is cassava, kava and green vegetables. • The population of the village is around 300+, with a total of 67 households and 3 individuals with disabilities. • Villagers have raised the internet connection as an issue thus communication will be

Date	Stakeholders	Bridge Name	Items of Discussion
			<p>hindered.</p> <ul style="list-style-type: none"> The community have EFL connection and sewage is collected via septic tank. In addition, the community suggested for the contractor to have their own portable loo of the duration of the project. They advised that they have water problems and recommended for the contractors to have their own water tanks.
12/09/22	<ul style="list-style-type: none"> FRA Planit Erasito Beca International Lomanitoba Co Ltd Police Force Commissioner's Office. Ministry of Justice Peace. District office of Taveuni. Village community reps and participants. 	<ul style="list-style-type: none"> Wai Bridge (P4) 	<ul style="list-style-type: none"> Suggestion from Mata ni Tikina to have the new bridge placed parallel to the existing bridge. He added that the temporary bus stops and the health center dispensary located within the village reserve on the upstream side is in the debilitating state and can be easily removed to make for the new bridge. This alternative option will be considered by FRA and the Engineer team. Discussion on Option 1 & 2 of the proposed project. Option 1 is building a temporary bridge upstream which will affect a nearby church which is a major concern for the community. Advised by the engineer that option 1 will result in the river meanders and curves which is a worst location as it is likely to have soft ground where the bridge can potentially sink. However, this is subject to the geotechnical assessment. Reclaimed land, engineer raised a concern of placing a load of traffic on reclaimed land (man-made land) in the middle of the river, this could cause the bridge to collapse. The Mata ni Tikina raised his concern about Option 2 as having a temporary bypass road going into the village as it could damage some trees that the communities rely on for livelihood such as the breadfruit tree. The method of raising the bridge and road approach will ensure that storm water discharged into the river system. FRA advised the communities that in every construction, temporary/ permanent land acquisition is required and a written consent is required to be obtained from the Landowners, given that is followed through diligently and a legal process. In regards to crop compensation, FRA will undertake crop compensation in accordance to the relevant legislation. Crop compensation will be undertaken by FRA prior to the commencement of the project. In regards to the temporary access, FRA advised that whether to remove it or retain after the construction, FRA Lands will have to will have to undertake their inspection to see if the

Date	Stakeholders	Bridge Name	Items of Discussion
			<p>temporary access can be used permanently for the community development. However, during construction FRA and the LOU will have to have a rental agreement.</p> <ul style="list-style-type: none"> • FRA advised participants that the FRA internal team will carry out their assessments, consultation and due diligence once a final alignment is finalized. • The participants confirmed that the name of the river is Wai river. • The most recent experience of the flooding issue was in 2021, the bridge was not full submerged and vehicle was able to cross the bridge. • FRA asked the participants what is their preferred option, the Mata ni Tikina replied if FRA could give them time to discuss on their preference and advise accordingly. • The LOU for both side belongs to Mataqali Veiniu and Wasoki respectively, they can be contacted to the contact details that's been provided by the Mata ni Tikina. • Further discussion on the preferred options and which is viable.
13/09/22	<ul style="list-style-type: none"> • FRA • Planit • Erasito • Beca International • ITaukei Affairs Board • Wainiyako Estate • Taveuni Secondary and Primary School • South Taveuni Primary School. • District's Office. • Turaga ni Koro (Village Headman) Korovou. 	<ul style="list-style-type: none"> • Navaca Bridge (P4) 	<ul style="list-style-type: none"> • Enquire if dredging is part of the river part of the scope of works for the proposed bridge, advised by the Engineer that there will be a coastal assessment that would include wave action and the flow of sediments. In addition, if it is necessary then they will deepen the mouth of the creek. He added that, in his experience, dredging is not an effective option as sediment build up will take place within 6 months. • Sedimentation and Flooding is their main concern, as heavy downpour would definitely affect the school premises and after that heavy downpour there will be a lot of sediment build up at the school. • Advised by the principal that Mangroves grow on the opposite side of the school and less trees on the river bank side of the school, most have fallen from the abrupt impacts of cyclones, he then added once the river mouth is closed there is a heavy flow of water, it would then burst the river banks leading to erosion. • Advised by the participants that many trucks go pass the bridge, most of these trucks transport farm produce along the main road and bridge, they have also noticed that there are trucks transporting aggregate for road works. • One of the participants advised the Engineer that there's a quarry operating on his land. • Wainiyako Estate rep informed the Team that he has noticed a frequent erosion on roads specifically on coastal sections, considering that Option 3 is a way of sweeping this problem away. • There were three options presented to the stakeholders 1.) Offline-replacement downstream,

Date	Stakeholders	Bridge Name	Items of Discussion
			<p>2.) On-line replacement with partial stage construction and 3.) New inland road (bypass). The Option 1 & 2 bridges at the coastal side will be raised and be 2m or more above the current level to allow for sea level rise and increased wave actions. However, the inland route may not be raised by that much because it's away from the coastline and will not be susceptible to coastal elements and sea level rise. All the proposed new bridges will be 8.2m wide (1 lane each way plus the footpath), each lane are 3m wide with a 1.3m wide footpath and some narrow shoulders in place and a crash barrier.</p> <ul style="list-style-type: none"> • Waiyako estate rep enquire about the existing road if FRA opt for the 3rd option, will FRA still maintain the existing road, FRA responded that will be no decommissioning taking place as it is under FRA's mandate to keep all existing road, whether it is used or not. Though it is unlikely to be maintained by FRA. • Waiyako estate rep then raised that the most preferred option is option 1 which is the completely change in alignment. However, the concern is over speeding of vehicles approaching schools. • Waiyako Estate rep confirmed to the project team that the Land belongs to different members of the family which mostly has farm on their lands. • Project team asked if the locals used the beach area in front of the existing bridge often, one of the participants responded that they had lost about 30-40 meters of the foreshore of their lands, about 30 years ago as his titles extends to the foreshore and up to 30 meters over the sea. • One of the participants raised his concerns about the existing road that are in poor conditions, this should be also considered. The engineer then responded that all roads and coastal protection works will forecasted in future projects but this project will only focus on the bridge. • Enquired by the participants as to when the project is expected to commence, advised by the Engineer that the project at this stage (preliminary design) takes up to 2-4 years with the feasibility study that also looks at the cost. Planning and getting funds from donor is another process of prior to the actual works taking place. • The preferred side of where the footpath should be being on the seaward side. • The loading capacity of the bridge factored in the design which is HN-HO-72 which is the New Zealand and Australian building code that allows 12 tons per axel and 2 axels per vehicle. • Confirmed by the communities that when it floods the water level reaches the bottom of the

Date	Stakeholders	Bridge Name	Items of Discussion
			<p>bridge and does not reach the top of the bridge.</p> <ul style="list-style-type: none"> • Advised by the community members that there used to be a seawall along the coast but then after the TC Winston in 2016 the seawall been completely washed off leaving its foundation as the remains. • Advised by the consultant that the coastal process have changed over the years, there used to be a mouth of the river to the foreshore but now it has all been filled up with sand, which has led to the change of the beach profile which has become so high and steep. • Advised by the participants that there is debris found at the existing bridge following a heavy downpour. • The Pacific Transport services the areas 3 times a day. The bus goes past Vuna all the way to Navakawau Village. • The participants advised the project team that the contractor can use the beach area or the landing area around the corner for laydown to assemble the bridge parts. However, FRA would need to rehabilitate the place prior to utilizing the area. • Advised by the members of the community advised FRA that in order for the contractor to bring in the barge for heavy equipment and materials, FRA has to repair the jetty as the Navaca jetty is not in a good condition to cater for barges and the land owners belongs to a couple that are currently residing in Australia. However, their trustees are here in Fiji. • FRA advised the stakeholders that option 3 which is the in-land bypass is specifically designed for Climate Change resilience and for future generation. He then advised that option 3 is beneficial for the people in the next 100 years. • FRA advised that the current condition of the road will be considered by FRA as part of their maintenance works and that includes coastal works protection along coastal sections.
13/09/22	<ul style="list-style-type: none"> • FRA • Planit • Erasito • Beca International. • District Office • District Rep • Roko's Office 	<ul style="list-style-type: none"> • Qacavulo Bridge (P4) 	<ul style="list-style-type: none"> • Advised by the couple that owns the land that their son's workshop and storage shed is located within the vicinity of the proposed project, it can be affected if the road widening and slop cutting is proposed. • Advised by the participants that slippages are common especially during a heavy downpour, rocks and materials slip down the road. • The couple also advised that they will communicate with their son and granddaughter as they are involved in managing their property, a need to consult them as well. • The project team asked in regards to the inclusion of footpath in the construction of the

Date	Stakeholders	Bridge Name	Items of Discussion
	<ul style="list-style-type: none"> LOU Reps 		<p>bridge. However, they do not see the need to include the footpath as this would result in the locals converging along the footpath at night to drink. The engineer advised the stakeholders that they will include the footpath as a safety measure depending on high pedestrian traffic for pedestrian safety, also considering the future traffic volume.</p> <ul style="list-style-type: none"> The participants enquired if the construction will still go ahead if they do not give their consent. Advised by the consultant that the project at this stage is still in preliminary consultation and design stage where information is gathered and give the design team the consideration with information that's been gathered. If the concerns raised by the land owners is valid then that will be taken into consideration and amend the design accordingly but the bridge was identified that it has reached its critical stage and requires immediate replacement, a compromise would be made to ensure it benefits all in the area. The type of vehicle that usually crosses the bridge are heavy trucks with heavy loads, mostly trucks that carries water to local resorts and communities. The participant raised her concern regarding previous road/bridge works had slightly widening the road which results in the increase of traffics and over speeding in the area which is also a concern of this bridge as well which requires widening and they've emphasized again that there's no need of including footpaths. Advised that their farming is mostly livestock and some vegetables that depend on for livelihoods, during the COVID their demand dropped so they supplied to local resorts. The participants have raised that they've had drainage issues over the years. Participants confirmed that there are no services pipes that is connected to the existing structure and their electricity power source is the solar panel. Engineer advised the stakeholder that team will conduct a hydrological study to allow them to understand the flow and flooding of the valley, and what is the product over the next 100 years, also taken into consideration climate change and the increase of heavy rainfall. The Engineer asked the Landowners if they're willing to make arrangements with the contractor to avail a piece of their land for laydown area, the Landowners have advised the project team them that they will have to consult their son and if the consent is given then the contractor will have to rehabilitate the land into its existing condition once construction is done. The Landowners will inform the adjacent landowners if they're willing to temporarily rent out their land.

Date	Stakeholders	Bridge Name	Items of Discussion
13/09/22	<ul style="list-style-type: none"> • FRA • Planit • Erasito • Beca International. • District Office • District Rep • Roko's Office • LOU Reps 	<ul style="list-style-type: none"> • Waica Bridge (P4) 	<ul style="list-style-type: none"> • Two options were presented to the stakeholders; Option 1.) Off-line bridge replacement downstream, will be 30m long compared to the 19m for the existing bridge and Option 2.) Online replacement with temporary crossing downstream. The existing alignment will remain the same. • The new bridge will be raised by 1.5m to get clearance during flooding events and rise of sea level. The current bridge is 3.7m wide. However, the new bridge is proposed to have at least 8.2m, the footpath will be on one side. • The Engineer asked as to what option do they prefer, the Village headman advised that the most preferred option is option 2. • One of the participants asked if the existing bridge structure will be remained once construction is complete. The engineer then responded that if the existing structure is remained then it would interfere with the flow of water from upstream and would further cause flooding in and around the new bridge and its existing lands. • A community member advised the it is preferable to have the new bridge downstream which is safer than the existing structure that has a bend which is dangerous for pedestrians crossing in the night. • The community members are excited about the proposed of installation of footpaths on the new bridge. • Debris causes the flooding of the bridge during a heavy downpour. The community members advised the project team that flash flooding events, the floodwaters went over the bridge which has happened quite a few times. • Graveyard adjacent to the proposed site which is most likely won't be affected from the construction of the bridge. The land as to where the graveyard belongs a family of Mataqali (clan) Welitoa. • The community uses the water both upstream and downstream for washing and bathing when there's water disruption, advised by the community that the creek is ephemeral (seasonal) with multiple spring water within the creek. During low tide, these spring waters are visible and that's when the community uses it. Further downstream from the bridge in the sea area, the children use it for swimming. • The coconut plantation that is adjacent to the proposed project site belongs to a deceased woman. • As raised by the community members that for years they have been wanting their bridge to

Date	Stakeholders	Bridge Name	Items of Discussion
			<p>be upgraded as few people have fallen off the bridge a few times and it is very dangerous for the community.</p> <ul style="list-style-type: none"> • Some members of the community have advised the project team that previous road works, the contractor usually parked their machines on the side of the road close to Natokula, they have given contact detail of the Landowner to liaise with in regards to renting their land for laydown area. • Over speeding is one of their major concerns which also generates a lot of dust and affecting the nearby residents given the condition of the road. • FRA have advised the community members that any roads that is under the mataqali (<i>clan</i>), FRA will not manage it. • FRA have advised that road signs are placed for safety purposes. However, it the responsibility of the driver to take heed of warnings and signs.
26/09/22	<ul style="list-style-type: none"> • FRA • Planit • Erasito • Beca International. • District Office • District Rep • LOU Reps 	<ul style="list-style-type: none"> • Oinafa Bridge (P4) and Jetty. 	<ul style="list-style-type: none"> • One of the participants spoke on the Environmental anomalies, i.e. Natural Process of the littoral drift and shared experiences before the causeway & bridge were built. • Location of causeway and easterly winds and waves (from April-Dec), sand drifts from east to west. From Jan-March comes strong westerly winds and waves. Passage helps the wind bring in waves and returns via eastern side. After the causeway (act as a groyne) when the bridge was built, it causes the accumulation of the western side of causeway-sand does not drift anymore. From Mal'ea to Paptea, there is hardly any sand whereas the Eastern side of the bridge, the passage is filled with sand that almost blocks the exit. Mentioned by this participant that the ideal to pile drive to the wharf-end so both sides of the wharf so that both sides of the wharf end can open up for the sand drift, instead of ending at the causeway. • The bridge structure does not experience flooding. However, if someone is to cross underneath the bridge, a person must crawl due to restricted space from the accumulation of sand over the years. Only during high tide, the water can cross over the accumulated sand back to the eastern side. • The eastern side used to be a beachfront but now boulders have been put into place as barrier/ breakwater. • The sand drift visibly stretches from the Oinafa Wharf to Paptea. • Sand accumulating in the nearby reef has started to affect fishing for local communities, this is a concern for the people as fishing is their source of income. • Advised by one of the participants that the erosion stopped when built the causeway.

Date	Stakeholders	Bridge Name	Items of Discussion
			<ul style="list-style-type: none"> <li data-bbox="792 284 2020 448">Advised by one of the participants that on the western side of the bridge, the coral is buried by the accumulation of sand in the corals and have affected the quantity of fish. He then further explained that a specific type of seaweed has been sighted along the shoreline (its growth resulting from still/stagnant waters) gives an unpleasant appearance and kills the coral.

**NB: Actual Consultations Minutes available upon request*

