

Semi-Annual Safeguards Monitoring Report
July– December 2024

Solomon Islands: Urban Water Supply and Sanitation Sector Project

Semi-Annual Safeguards Monitoring Report July– December 2024

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Honiara
Solomon Islands**

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Prepared by Solomon Water for the Asian Development Bank and World Bank.

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ABBREVIATIONS

ADB	Asian Development Bank
AP	Affected persons
CAR	Corrective action request
CCP	Communication and consultation plan (for the project)
CSS	Country Safeguards System
CESMP	Construction environmental and social management plan (prepared by the contractor)
DBO	Design Build Operate
DCA	Development Consent Agreement
DDR	Due Diligence Report
DFAT	Australian Department of Foreign Affairs & Trade
EARF	Environmental and Review Framework
ECD	Environment Conservation Department (within MECDM)
EHS	Environmental, Health, and Safety Guidelines (of the World Bank Group)
EIS	Environmental Impact Statement
EMP	Environmental management plan
ESMP	Environmental and Social Management Plan
EUB	European Union Bank
FGD	Focus group discussion
GRM	Grievance redress mechanism
HAEP	Hygiene awareness and education program
HNWS	Honiara Network Water Supply project
HWMP	Honiara Watershed Management Project (GEF financed component of UWSSSP)
IEE	Initial Environmental Examination
IES	International environment specialist (of the DSC)
LARP	Land Acquisition and Resettlement Plan
MECDM	Ministry of Environment, Climate Change, Disaster Management and Meteorology
MMERE	Ministry of Mines, Energy and Rural Electrification
MID	Ministry of Infrastructure Development
MOFT	Ministry of Finance and Treasury
NRH	National Referral Hospital
PA	Proposal application
PER	Public environment report
PMU	Project Management Unit (in SW)
PSC	Project Steering Committee
PPA	Project Preparation Assistance
PRF	Project Readiness Financing
ROW	Right of Way
RF	Resettlement Framework
RSA	World Bank Regional Safeguard Advisor
SBD	Solomon Islands Dollar
SEAH	Sexual exploitation, abuse, and harassment
SIG	Solomon Island Government

SMR	Semi-annual safeguards monitoring report
SP	Solomon Power
SPS	Safeguard Policy Statement 2009 (of ADB)
SW	Solomon Islands Water Authority trading as Solomon Water
ToR	Terms of Reference
USD	United States Dollar
WB	World Bank
WASH	Water, Sanitation and Hygiene
WinS	WASH in Schools
WS	Water Supply
UWSSSP	Urban Water Supply and Sanitation Sector Project
WTP	Water Treatment Plant
WBSP	World Bank Safeguard Policies

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EXECUTIVE SUMMARY

This is the semi-annual Social and Environmental Safeguards Monitoring Report (SMR) for the period July to December 2024, compiled by the Solomon Islands Water Authority for the Solomon Islands Urban Water Supply and Sanitation Sector Project (UWSSSP).

The aim of the project is to improve access to safe water and improved sanitation across the Solomon Islands focusing on five components: (i) Output 1: secure and safe urban water supplies; (ii) Output 2: effective, efficient and safe urban sanitation services; (iii) Output 3: enhanced awareness of good hygiene and water issues and sustained improved hygiene behaviour; (iv) Output 4: ensure SW is financially and technically sustainable, and (v) Output 5: Watershed protection – management of Honiara's watershed areas strengthened to build resilience to climate change.

This report describes the social and environmental safeguard activities undertaken during the period, with a focus on planning, pre-construction approvals, and construction/implementation. Whilst project outcomes have been delayed, implementation of environmental and social safeguards for UWSSSP projects continues to comply with both the country safeguards system and ADB/WB policies and instruments as set out in the Project's environmental assessment and review framework (EARF) and resettlement framework (RF).

All PERs required for UWSSSP Phase 1 have been completed and approved except the PER for Gizo water supply which is delayed awaiting approval for more hydrogeological investigations at Mile 6 lake and other surface water sources. The Honiara Water Main Replacement Subproject was finalized in this reporting period.. Comments from donors have been included in the final draft. External specialists reviewed and updated the PER in this reporting period. The updated version of the PER is expected to be submitted in Q1 2025 to donor partners for final review and no objection.

The proposal application for Auki project have been finalized and submitted to MECDM on 13th June 2024. No response from MECDM was received in this reporting period.

Monitoring of current UWSSSP phase 1 projects is ongoing during this reporting period. An environmental audit of all subprojects was carried out in this reporting period. Non-compliances were identified and communicated to contractors via site inspections report and site instructions. Generally, all sites were in compliance with Environmental conditions. Improvements in the use of MSDS and storage of hazardous materials were observed. Safe practices were observed across all sites.

For the Honiara Wastewater Project, land acquisition and resettlement plans (LARPs) are being prepared in sections covering western (National Referral Hospital (NRH)), eastern (Ranadi), and Ranadi Rd to Goodwood Outfall (a component of the eastern Ranadi section). For the western (NRH) section, currently the main concern is regarding a section of pipe which needs to be installed under land owned by the South Seas Evangelical Church (SSEC) who initially would not agree to the installation. However, they have now agreed. The MOU was signed on 4th April 2024.

There were seven (7) grievances registered during this reporting period. All of these grievances were resolved in this reporting period. The outstanding grievance at Kongulai to White river trunk main section was resolved during this reporting period.

Community Advisory Committees (CACs) have been established for Tasahe to Kongulai area, and the PMU is assisting contractors to establish a CAC for Titige and other sites. While SW is aware that it is important that the CAC are established before construction starts, this is proving a challenge, because in some commercial areas, where the majority of the properties are businesses and working people, there is no socially cohesive “community”, and people do not want to join any committees. In the absence of an effective community structure, the CLO for SW is experiencing difficulties in establishing the CACs in the trunk mains sites of Panatina – Burns Creek, East Kola – Kukum, and White River – Town Ground.

1. INTRODUCTION

1.1. Background

1. Solomon Islands has around 19.8% (or 102,030) of its estimated present total population of 669,823 (World Bank 2019)¹ living in urban and peri-urban areas. The country is divided into nine provinces: Central, Choiseul, Guadalcanal, Isabel, Makira-Ulawa, Malaita, Rennell and Bellona, Temotu, and Western. The country's capital, Honiara City, is situated on the north-western coast of Guadalcanal. Malaita has the largest population of 160,583 people, followed by Guadalcanal (155,605), Western (98,820), Honiara city (90,441) and Central (32,603) based on the Solomon Islands National Statistics Office projected population by province.² The population growth rate is the highest in Guadalcanal (4.4%) followed by Honiara (2.7%), Western (2%), Central (1.9%) and Malaita (1.2%).³ According to the last available Household Income and Expenditure Survey, 12.7% of the population lived under the national basic needs poverty line in 2013 (9.1% in urban areas).

2. It is known that temporary and informal settlers are often not captured in the Census and at any one time the population of Guadalcanal can be closer to 200,000. Informal residential areas are characterized by uncertain or illegal land tenure, minimal or no access to public services (such as water supply, sanitation, electricity and roads) and a high presence of informal employment in the low income population. This presents challenges in providing potable water supply and sanitation services to the urban and peri-urban areas. To address the challenges, the Solomon Islands Water Authority Act of 1992 created the Solomon Islands Water Authority, trading as Solomon Water (SW), a state-owned enterprise, and mandated to provide for the proper management and development of urban water resources and wastewater services in Solomon Islands. SW has been guided by its Five-year Action Plan and 30-Year Strategic Plan since 2017. These plans outline the strategy to meet the demand for water and wastewater services up to 2047 for Honiara, including peri-urban areas, as well as meeting the needs of the provincial capitals and other major urban centres in Solomon Islands.

1.2. Project Description

3. The Urban Water Supply and Sanitation Sector Project (UWSSSP), in line with SW's plans, with funding from the Asian Development Bank (ADB), World Bank (WB), European Development Fund and the Solomon Islands Government (SIG), is implementing the Project to help improve access to safe water and improved sanitation. The UWSSSP outputs include: (i) Output 1: secure and safe urban water supplies; (ii) Output 2: effective, efficient and safe urban sanitation services; (iii) Output 3: enhanced awareness of hygiene and water issues and sustained improved hygiene behaviour; (iv) Output 4: ensure SW is financially and technically sustainable, and (v) Output 5: management of Honiara's watershed area strengthened to build resilience to climate change.

4. The UWSSSP has adopted a sector approach for developing sustainable, inclusive and climate resilient water supplies and improved sanitation, and for enhancing hygiene awareness, water conservation, and faecal sludge management. However, during early implementation it became apparent that some problems with

¹ World Bank, <https://data.worldbank.org/indicator/SP.POP.TOTL?locations=SB>

² <https://www.statistics.gov.sb/statistics/social-statistics/population>

³ National Statistics Office, 2009 census

the water supply system are caused by lack of catchment protection, and in the context of the climate crisis, without watershed protection, the existing and future sources of water will not be reliable and will remain highly vulnerable to climate change. To be sustainable, output 5, the Honiara Watershed Management Project (HWMP) will focus on improving the management of watershed areas that are vital to a climate resilient water supply. The participatory-driven initiatives will include erosion and sedimentation control to reduce risks from flooding and landslides, and improvement of the ecosystem services provided by Honiara's catchment areas, including enhancement of water quality and regulation of water flow.

5. **Output 1** is intended to secure reliable and safe freshwater supplies by (i) increasing the number of urban households in Honiara with access to climate and disaster resilient water supplies; (ii) reducing non-revenue water from its 2017 level of 62% to 30% or less by 2027; and (iii) increasing SW water production capacity in Honiara by up to 5 million litres per day (ML/d) and improving SW water treatment capacity through the rehabilitation, replacement, or expansion of current sources and water treatment facilities, to meet water demand and ensure full compliance with drinking guidelines across the city by 2027. Investments will include: (a) in Honiara, (i) rehabilitation of existing water supply sources, and expansion of production and treatment systems, (ii) installation of water supply mains to expand and rehabilitate the water supply system, (iv) additional water storage capacity, (v) leak detection and pipeline repairs, (vi) installing bulk supply metering and expansion of SW's customer meter replacement program to install pre-payment meters, and (vii) expanding SW's water supply networks to an additional 5,700 connections in unserved areas, including in informal settlements; (b) in Auki, Gizo, Noro and Tulagi, rehabilitation and expansion of the existing water supply systems; and (c) in Munda, development of a new water supply system.

6. **Output 2** is intended for effective and efficient sewerage services by: (i) preparing septime management regulations, (ii) constructing a septage treatment facility under a five-year design-build-operate (DBO) contract to service the greater Honiara area, (iii) replacing existing wastewater outfalls in a state of disrepair with new ones, (iv) installing sewer mains to expand and rehabilitate the Honiara trunk sewer system, and (v) construction of new sewage pumping stations and rehabilitation of existing ones.

7. **Output 3** is intended to develop enhanced awareness of hygiene and water issues and sustained improved hygiene behaviour. This includes a hygiene awareness and promotion program to complement other ongoing hygiene awareness and promotion activities in urban areas.

8. **Output 4** involves implementing a program to assist SW strengthen its financial, technical, and operational sustainability. This includes developing policies, asset planning, data management, financial and technical systems monitoring, and reporting.

9. **Output 5**, the HWMP, involves: (i) strengthening capacity for planning (watershed data, mapping, hydrological modelling, and information sharing) ;(ii) empowering communities to implement solutions for effective management protection, and restoration of the forest and riparian habitats – through partnerships; and (iii) facilitating interagency and inter-sectoral coordination and governance to develop long-term integrated catchment plans.

1.3. Purpose of this Report

10. The SMR is a requirement under the ADB Safeguard Policy Statement 2009 (SPS), WB policies and instruments (formerly Operational Policies and Bank Policies OP/BP 4.01, 4.04, 4.0, and 4.12 but since 2018, replaced by WB Environmental and Social Framework), and the project/loan agreements. The safeguards categories for this project are B for environment and B for involuntary resettlement.

11. This SMR covering the period from July to December 2024 and presents the undertakings during the reporting period, of both the social and environmental safeguards supporting the UWSSSP outputs as outlined above.

2. PROJECT PROGRESS

2.1. Project Overview

12. Implementation of environmental and social safeguards for UWSSSP projects continues to comply with both the country safeguards system and ADB/WB policies and instruments as set out in the Project's environmental assessment and review framework (EARF) and resettlement framework (RF).

13. As always, uncertainties over land ownership (and occasionally, delays on the final selection of engineering design alternatives, which are essential to ascertain the affected persons) initially meant that safeguards staff often could not initiate community consultations over land tenure until designs were finalised. Most designs were finalised, but delays still continued in sites where, landowners (LOs) were reluctant to agree to some plans affecting their lands. Delays in producing Land Acquisition and Resettlement Plans (LARPs) were particularly pronounced in Honiara, where many people are reluctant to sell or lease land at current valuations, but have also affected the provincial water supply subprojects. At Noro, discussion with land claimants have progressed positively with commencement of works now agreed. Two consultations were held with the land owning groups in Honiara and Noro, with all generally in support of the project. Possession of the site was given as of 15 July, and the contractor (CCB Envico Pty Ltd of West Melbourne), is aimed for site mobilisation in October. Meanwhile the social safeguards team is continuing to work with LOs to resolve outstanding issues, and await the findings of a current appeal to COL's decision.

14. Munda and Gizo subprojects are also awaiting SMEC's finalised designs before LARP's can be drafted. For Auki water supply, four new bore sites have been identified, and drilling was undertaken in this reporting period.

15. Following the termination of REAN-PCS because of repeated delays and non-performance, the contractor sought and gained an injunction and the Court ordered a 'stay' on the termination, which has still not been resolved. Works continue to be discussed for the Kongulai WTP whilst construction of the Honiara Water Supply Service Reservoir (Panatina, Tasahe, and Titige reservoirs) and Honiara Water Supply-Trunk Mains is ongoing, with PMU safeguards staff monitoring implementation.

2.2. Safeguards Implementation Arrangements

16. SW has a Project Management Unit (PMU) delivering the Project. Recently SW received confirmation from World Bank that the oversight of World Bank safeguard policies for UWSSSP has been transferred to the task team safeguards specialists. SW will no longer need to seek Regional Safeguard Advisor approval for safeguards instruments. This change made as a result PMU safeguard team's strong commitment to manage safeguard risk and to pro-actively organise training for contractors to improve the quality of their documentation.

17. At the beginning of the Project, the PMU recruited specialists to provide intermittent inputs to ensure compliance with development partner safeguards requirements including provision of support to the PMU and conduct of due diligence. The National Social Safeguard Consultant position has not been filled since the incumbent left last year and the role is vacant to date. **Table 1** provides an overview

on the engagement of the international specialists and the proportion of their time used to 30th June 2024.

Table 1: Engagement of International Specialists

Role	Contract Started	% of Time Used to 31 st December 2024
International Environmental Specialist	Q4 2019	~80 %
International Water, Sanitation and Hygiene (WASH)	Q4 2019	~100
International Communication Specialist	Q4 2019	~100%
International Social Safeguards and Gender Specialist	Q2 2020	~80%
International Monitoring and Evaluation Specialist	Q2 2020	~75%

18. The project's RF, approved in 2018, lays out the approach to complying with objectives of involuntary resettlement safeguards. Land acquisition is to be avoided where possible and involuntary settlement impacts minimised, or at least restored for the livelihoods of affected persons (APs). The RF in this context provides guidance on the assessment and mitigation of resettlement impacts, the preparation of land acquisition and resettlement plans (LARP) and/or due diligence reports (DDR), and the implementation and monitoring of compensation and income restoration measures for APs.

19. Based on the project RF, an initial LARP was finalised on 8th March 2019 for the six subprojects based in Honiara including:

- Water reservoirs at (a) Tasahe, (b) Titinge Ridge, and (c) Panatina
- Rehabilitation and building the new water treatment plant at Kongulai
- Augmenting the trunk mains from (a) Kongulai to White River and Rove Trunk Main; (b) East Kola to Naha Trunk Main, and (c) Panatina SR to Burns Creek Trunk Main – to expand the existing network
- Upgrades of sewer outfalls
- Construction of additional sewage pump stations and refurbishment of King George VI and Point Cruz wastewater pump stations
- Construction of a septage treatment facility to service the Greater Honiara area.

20. It was estimated that a total of 20,648m² of land would be impacted by the project. Of this land, 15,706m² would require negotiation of agreements with private landowners. SW's priority in all land negotiations is to pursue outright purchase of land, and only resort to lease arrangements when outright purchase negotiations are unsuccessful. The Kongulai WTP subproject required purchase of land for resettlement of 41 APs (eight families), as did Titinge Ridge reservoir site which has six APs (one family). The overall LARP has now been superseded by a number of LARPs prepared for each subproject.

21. A summary of the status of the various LARP and DDR can be found in **Table 5** under the Social Safeguards Monitoring Section 4.

22. The Honiara Watershed Management Project (HWMP) began in 2023. It will develop effective partnerships and build institutional, financial and technical capacity

to protect water catchments. An EARF and LARF, based on the documents prepared for the main project, have been separately prepared for the HWMP.

23. There has been ongoing review and updating of the Initial Environmental Examination (IEE) /Public Environmental Reports (PERs), Construction Environmental, and Social Management Plans (CESMPs) required for the UWSSSP projects within this reporting period. Details are provided in the next section.

3. ENVIRONMENTAL MONITORING

3.1. Environmental Safeguard Documentation and Instruments

24. Progress has been made on the various IEE/PER and Development Consents (DCs) during this reporting period. All PERs required for UWSSSP Phase 1 have been completed and approved except the PER for Gizo water supply which is pending ongoing hydrogeological investigations at Mile 2, 3 and 6. The expected timeline for Gizo PER submission is by the end of Q4 2025.

25. The Noro Water Supply Project and Munda Water Supply Project DC applications were approved in the last reporting period. There were no written objections received from any individual or organisation in this reporting period. Contract has been awarded to CCB Envico Pty Ltd. Contractor is expected to mobilize on site in Q1 2025.

26. The Gizo water supply project IEE/PER revision and finalization is further delayed awaiting approval for more hydrogeological investigations at Mile 6 lake and surface water sources.

27. UWSSSP Phase 2 PERs, Honiara Water Main Replacement and Honiara Water Pipeline Expansion PERs, have been reviewed. Comments from donors have been included in the final draft in this reporting period. Draft (V2) of the PER was submitted to ADB on 23rd September 2024. External specialists reviewed and updated the PERs in this reporting period. The PER is expected to be finalized and submitted to WB for approval in Q1 2025.

28. Auki Water Network Expansion subproject proposal application (PA) has been received, finalized and submitted to MECDM on 13th June 2024. MECDM will review the PA to determine the type of instrument to be prepared for the Auki subproject. No response received from MECDM in this reporting period. A response from MECDM is expected to be received in the next reporting period.

29. The preparation, review and approval status of IEE/PERs is summarised in **Table 2** below.

Table 2: Status of IEE/PER for UWSSSP subprojects as of end of 31st December 2024

Sub-Project		ENV Category	IEE/PER Prepared	Development consent application	CESMP Approved by SW	Status of subproject implementation
No	Name					
1	Kongulai WTP	B	Yes	Yes (12/03/20) Development consent received 01/05/20.	Yes (cleared on 11/7/23)	Site clearance completed. Earthworks halted due to contract termination by SW.
2	Honiara Water Supply Service Reservoir (Panatina, Tasahe, and Titige reservoirs)	B	Yes	Yes (21/01/21). Development consent received on 17/03/21.	Yes (cleared on 24/04/23)	Construction of new reservoirs at Panatina, Tasahe and Titige is underway. Tank walling for the 3 reservoirs completed in this reporting period. Roof is expected to be completed in Q1 2025.
3	Honiara Water Supply-Trunk Mains	B	Yes	Yes (21/01/21). Development consent received on 17/03/21.	Yes (cleared on 25/5/23)	Construction works underway at Panatina to Burns creek section, East Kola to Kukum, White River to Townground and Kongulai to White River.

4	Auki Water Supply Improvement	B	Yes	Yes (10/08/18). Development consent received on 24/09/18.	Yes (25/06/2019)	Subproject completed and now in operational phase. Works involves trenching, pipe laying and installation of fire hydrants.
5	Tulagi Water Supply Project	B	Yes	Yes (25/01/21). Development consent received on 7/03/21.	Not yet due (no construction)	Preconstruction phase. Project on hold.
6	Gizo Water Supply	B	Draft completed (awaiting additional hydrogeological investigations).	No	Not yet due (no construction)	Awaiting additional hydrogeological studies.
7	Noro Water Supply Improvement	B	Yes	Yes (6/12/22) Development consent received on 29/03/23.	Draft (R1) under review by CCB Envico based on ADB comments.	Contract awarded to CCB Envico. Contractor is expected to mobilize on site in the next reporting period.
8	Munda Water Supply	B	Yes	Yes (6/12/22) Development consent received on 10/04/23.	Not yet due (no construction)	Preconstruction phase
9	Honiara Network Wastewater-Outfalls	B	Yes	Yes (03/02/23) Development consent application	Not yet due (no construction)	Preconstruction phase

				received on 3/05/23.		
10	Honiara Network Wastewater- (Pump station and collector mains)	B	Yes	Yes (03/02/23) Development consent application received on 3/05/23.	Not yet due (no construction)	Preconstruction phase
11	Honiara Wastewater: Goodwood Section		Subproject exempted by MECDM. No IEE/PER required.	Subproject exempted by MECDM. Exemption received on 7/06/22.	Yes	Construction works underway. All pipe has been laid in this reporting period. Manhole installation works will commence in Q1 2025.

3.2. Construction environmental and social management plans (CESMPs)

30. All CESMPs for current Phase 1 projects have been approved by SW.
31. Review and updating of the Noro CESMP based on ADB's comments was completed in this reporting period. SW have approved the final draft of the CESMP in Q4 2024. The final draft of the CESMP will be submitted to WB in Q1 2025 for final review and approval.

3.3. Environmental Monitoring and Inspections

32. There were routine weekly site visits to Panatina, Titige and Tasahe reservoir sites, White River trunk main site, Kukum, and the Ranadi-Goodwood sewer and outfall construction site during this reporting period. Works undertaken by the contractors were mainly associated with trenching and excavations works, and pipe laying. In situ reinforced concrete (RC) works, form works and concrete pouring for tank walls continued at Panatina, Tasahe and Titige reservoirs in this reporting period. Two environmental inspections were carried out by SW's National Environmental Office in Q3 2024 for the reservoir and trunk main projects. The key issue raised and addressed by the contractor was effectively managing the traffic. PEP were again reminded to also comply with all requirements of the CESMP and on proper dewatering of ground water into existing drains.
33. An environmental audit of all project sites was carried out by SW's National Environmental Officer and the International Environmental Safeguard Specialist in Q4 for the reservoir and trunk main projects. Identified issues and non-compliances were provided to PEP via site instructions and site inspection reports.

In addition, a joint site inspections with WB/ADB safeguard specialists were conducted on 11th December 2024 at the HNWS reservoir sites. The site inspection report, which include corrective actions and recommendations, was issued to the contractor for rectification of identified issues. To date, some of the corrective actions and recommendations are still outstanding and yet to be closed. Summaries of corrective actions and recommendations for each current subprojects in this reporting period are provided in Appendix 1.

34. Implementation of CESMP at the reservoir sites have shown significant improvement in this reporting period. However, there were several issues observed and recorded at the trunk main construction sites. Improved implementation of CESMP, TMP and SMP is required of PEP. Deficiencies included:

- No traffic signage's installed when undertaking works along roadsides;
- Absence of safety barricades and signage;
- Poor waste management practices;
- Lack of reporting and documentation of incidents and grievances;
- The need to improve erosion and sediment control; and,
- Non-compliance with PPE requirements.

35. There were two (2) stop work notices (NTC 148 and 157) issued by relevant SW PM for trunk mains during this reporting period. The stop work NTCs was related to non-compliance with CESMP, SMP and TMP requirements on construction works along the Kongulai to White river section, and night works at East Kola to Kukum Section. However, SW PMU have assisted the contractor to rectify all non-compliances on site while they continue to undertake their construction activities.

3.4. Due Diligence for UWSSSP Phase 2

36. SMEC was appointed to undertake the detailed engineering design for UWSSSP Phase 2 subprojects. The following subprojects are financed under the UWSSSP (Phase 2):

- Auki Water Network Expansion
- Honiara Water Pipeline Rehabilitation and Expansion, and
- Honiara Water Network Expansion

37. Review and updating of Phase 2 PER is ongoing in this reporting period. The final draft of the Honiara Water Pipeline Rehabilitation PER has been finalized and submitted to ADB/WB for review and approval on 11th June 2024. Draft (V2) of the PER was submitted to ADB on 23rd September 2024. External specialists reviewed and updated the PER in this reporting period. The PER is expected to be finalized and submitted to WB for approval in Q1 2025.

38. The following Phase 2 projects require development consents from MECDM (see Table 3).

Table 3 Status of IEE/PERs for UWSSSP Sub-projects delivered by SMEC as of 31st December 2024

Sub-Project		ENV Category	IEE/PER Prepared	Development consent application	CESMP cleared	Status of subproject implementation
No	Name					
1	Auki Water Network Expansion	B	No	No	No	Approval phase
2	Honiara Water Pipeline Rehabilitation	B	Yes	No	No	Final draft of PER submitted to ADB/WB on 11 th June 2024 for review and approval. This document is was updated to address donors' comments. Draft (V2) of the PER was submitted to ADB on 23 rd September 2024. External specialists reviewed and updated the PER in this reporting period. The PER is expected to be finalized and submitted to WB for approval in Q1 2025.
3	Honiara Water Network Expansion	B	Yes, draft completed and undergoing review	No	No	Approval phase

4	Honiara Wastewater Pipeline Rehabilitation	B	No	No	No	Approval phase
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3.5 Workers' Health and safety

39. There were several health and safety issues recorded in this reporting period. The key H&S issues observed were:

- A small number of workers not complying with PPE requirements;
- JSA were not reviewed and updated;
- The potential for a metal object to strike the power line from the scaffolding in place at the batching plant at Titige reservoir project site. Refer to Appendix 3 for close out report;
- A working at height breach was observed at the Tasahe reservoir sites. The subcontractor staff were working without safety harness at an altitude of >2m. The non-compliance was resolved immediately on site by SW management and the contractor. Similar breaches were identified at Panatina reservoir site during the joint site visit, and PEP was instructed to undertake appropriate measures to improve scaffolding at all reservoir sites.
- Poor scaffolding standard and safety at all reservoir project site. There was evidence of no regular safety check system.

40. The issues were communicated to PEP via site instructions and inspection reports. The importance of complying with PPE and TMP requirements in the approved CESMPs was highlighted to the contractor when doing the routine weekly site visits.

3.6 Training

41. In October, SW facilitated a half-day refresher workshop with contractor safeguard officers. The workshop was also attended by SW project engineers and CLO. The environmental audit outcomes were discussed with PEP health and safety officers with an emphasis on:

- Record keeping and documentation of incidences and grievances;
- Signage;
- Calibration of monitoring instruments; and,
- Spill control.

42. The training was delivered by [REDACTED] (SW International Environmental Safeguard Specialist) and [REDACTED] (SW National Environmental Officer).

4. SOCIAL SAFEGUARDS MONITORING

4.1. Status of Implementation of LARPs

45. The social safeguards team has continued to provide oversight on the implementation of four CESMPs of subprojects that are being constructed simultaneously in Honiara as well as undertaking ongoing negotiations with land owners to complete the LARPs for subprojects that are still undergoing final detailed designs. Part of the work also includes the ongoing monitoring of LARPs that have been fully implemented. The only subproject which has been completed and is now in operation in the Auki Water Supply Improvement project. The oversight work on the CESMPs is performed through conducting visits to construction sites, reviewing contractor's monthly monitoring reports, supporting contractors in their consultation requirements and assisting in resolution of grievances.

46. During the last two quarters the social safeguards time was divided between ongoing negotiations with land owners to complete the subproject LARPs for subprojects that are still undergoing final detailed designs, and providing oversight on the implementation of four CESMPs of subprojects that are being constructed simultaneously in Honiara.

47. The summary of the status of the different subproject LARPs for both Phase 1 and Phase 2 is shown below in **Table 5** with some activities continuing from the previous reporting period. Under Phase 1 of UWSSSP, 13 LARPS are required. Six LARPs have been completed and received a No Objection (NO) from ADB/WB, while five of them are still being worked on. For the second phase of the project, it is likely that due diligence reports will be required for the water and wastewater pipeline rehabilitation projects, since construction works will be within existing easements. The water supply expansion projects, on the other hand, are likely to trigger the involuntary resettlement policy of ADB/WB, as new land may need to be acquired if trunk mains are installed within private land, and/or if works will cause economic displacement. The detailed designs for the Honiara water supply rehabilitation and expansion showing the pipeline alignment have now been completed and a DDR will be drafted in the next reporting period.

Table 4: Status of LARPs / DDRs for UWSSSP subprojects as at 31st December 2024

	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
Phase 1 Subprojects designed by Suez				
<i>Honiara Water Supply</i>				
1	Kongulai Water Treatment Plant	LARP B	Yes. Completed, approved (9 th April 2021) and implemented.	No outstanding resettlement to be resolved. No construction work. The contract awarded to REAN-PCS Joint Venture started on 5 th May 2022, and was supposed to be completed by 29 th June 2023. SW gave notice of termination because of repeated breaches of contract, poor quality of work, and little progress made. Issue now before the courts.
2	Honiara Water Supply - Service Reservoirs (Panatina, Tasahe, and Titinge)	LARP B	Yes. Final LARP approved by WB/ADB 31/12/21. Implementation of it is completed.	All the APs have been compensated. Works started at Titinge, Panatina and Tasahe reservoirs, with demolition of old reservoirs. Construction of new reservoirs are underway. Construction of tank walling completed in this reporting period. Roofs to be completed in next quarter.
3	Honiara Water Supply - Trunk Mains	LARP B	Yes. LARP approved by WB/ADB 31/12/21	All agreements were signed and compensation of APs paid and completed. Construction works underway at Kongulai to White River section, White River to Town Ground section, East Kola to Kukum, and KGVI to Burns Creek section.
<i>Provincial Water Supply Schemes</i>				
4	Auki	LARP B	Yes. Completed, approved by ADB/WB and fully implemented.	All affected parties resettled and compensated. Project now in operational phase.
5	Tulagi	LARP B	Yes. LARP approved by ADB/WB on 1 Oct 2021.	Agreements with APs were signed, and most payments were done around mid-April 2022, and a final two early in 2023 - based on the inventory of losses of crops and structures.

	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
6	Noro	LARP B	Yes. LARP has been sent to donors for a second review.	On 4 th December 2023 the Acquisition Officer of CoL made his determination of rightful land owners. There was an appeal by some [REDACTED] representatives to the Courts, This was resolved by meetings between SW and LOs. LARP was finalized and submitted to ADB/WB for review and approval on 27 th September 2024. MOU with Ziata source landowners was reviewed by Attorney General and then signed on 29 th September 2024 to allow contractor to commence work Ziata site. The LARP was updated to include the signed MOU, and was submitted to WB on 23 rd December 2024 for approval and no objection.
7	Munda	LARP B	Yes. The draft is currently in review by SW	SW is reviewing the LARP again coupled with the detailed designs to see if there are other APs that Suez did not pick up. Pending investigation works by technical groups and signing of MOU with land title holders. Since SW intends to install the pipelines within the road right of way, it has yet to be determined if MID or the provincial government own the roads especially within the Lambete area. The roads within Dunde and up to Polovesu where the proposed tank site is, are custom owned by the landowning clans. Polovesu, the proposed tank site, is customary owned and therefore needing MOL to initiate the land acquisition process. About 4 generations of the [REDACTED] family (part of the Kazakuru clan) has rights to that piece of land. However, to ensure that legal instruments are established to allow SW to have a proper lease agreement with the owners for the area of interest, the COL will have

	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
				to initiate the land acquisition process according to the Land and Titles Act. In this process, wider consultations will be held to identify/verify the rightful ownerships of the land. This is a lengthy process which can take from 6 months to more than a year depending on any pending court cases or other internal tribal issues. The COL will be asked to initiate the process as soon as SW has access to the final valuation report of the land in question which will be necessary during the acquisition process.
8	Gizo	LARP B	Yes.	Investigations of borehole feasibility in November and December 2022 at 3 sites owned by the western provincial government revealed that the yield was not sufficient. SW is opting for another bore investigation. SW therefore is not pursuing any negotiation with APs until after the next borehole investigation work by SMEC who are reviewing water source options to prove if the bores are viable. Pending negotiation and signing of MOU with land title holders and awaiting advice from subproject management team.
<i>Honiara sewer rehabilitation and expansion program</i>				
9	Honiara Wastewater - Pump Stations and Collector Mains Western Section.	LARP B	Yes. The draft is pending appropriate MOUs with affected parties	Pre-construction phase. The LARP draft is pending some land title holders giving consent through signing of MOU with SW for easement access. One of the title holders, SSEC, signed the MOU with SW on 4 th April 2024. Aim is to incorporate the remaining relevant easement

	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
				agreements with 3 LOs in the next reporting period.
10	Honiara Wastewater - Pump Stations and Collector Mains Eastern System	LARP B	Yes. Draft LARP prepared	Not yet approved. The LARP is still pending negotiations and signing of MOUs and compensation agreements between SW and 3 landowners. Negotiations with GPPOL are ongoing, but MOU not yet signed.
11	Honiara Wastewater - Outfalls	LARP B	In progress.	The outfalls do not have a separate LARP but come under the eastern and western section LARPs which are still in progress.
12	Ela Motors - Goodwood section: pump station and associated lines	LARP B	Yes. LARP approved by DP on 6 September 2022 and fully implemented.	The Goodwood section has a separate LARP developed specifically ahead of the rest of the eastern wastewater system due to the urgency to construct that section in time for the South Pacific Games in 2023. The LARP has been implemented. Construction works underway.
13	Sewer works: King George VI - Ranadi Rd intersection	LARP not required.	Yes. Due diligence completed	Construction completed under 12 months. Defect Liability Period lapses on 30 November 2023.
14	Ministry of Fisheries - Kukum Road	DDR (LARP not required)	Yes. DDR completed	Construction underway by McConnell Dowell.
15	Honiara Watershed Management Project	DDR	Yes. DDR approved.	
UWSSSP (Phase 2) Subprojects delivered by SMEC				

	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
16	Auki Water Network Expansion	LARP B	No.	Not yet developed
17	Honiara Water Pipeline Rehabilitation	LARP B	No	Not yet developed
18	Honiara Wastewater Pipeline Rehabilitation	LARP B	No	Not yet developed
19	Honiara Water Network	LARP B	No	Not yet developed



Figure 1: Participants at the Ziata Land Owners and SW MoU signing

4.2 Honiara Water Supply (HNWS)

48. The three (3) LARPs for the Honiara Water Supply Project which have already been approved by ADB/WB are: (i) Kongulai WTP; (ii) Water Mains Upgrading; and (iii) Augmenting Reservoir Capacity (Panatina, Tasahe, and Titinge reservoirs). All land required for the project, both government and privately owned, has been acquired. Implementation of the relevant LARPs has been completed except for two outstanding resettlement payments to two APs.

49. **HNWS Trunk Mains LARP:** There are only two resettlement payments that are yet to be completed under the HNWS Trunk Mains LARP as follows:

- **SDA Church:** There is one outstanding payment for SDA Church to complete the total payment for the easement access (area of 84.4 m²). Eighty percent (SBD 81,024) of the payment has been paid with the remaining 20% to be paid after the survey and easement instruments have been executed, which are still progressing. This is for water supply trunk main East Kolaridge to Kukum section. Works on this section have commenced. The survey was carried out in November 2022. Alignment was reviewed in Q4 2024 due to site constraints (existing concrete slab and vegetation located within proposed alignment).
- **Mr. K:** During the development of the HNWS Trunk Mains LARP, the alignment of the pipeline within Mr K's land at White River area, had not been finalised. At that time, an agreement was made with, Mr. K in December 2020 that after construction of the new pipeline, a survey for the subdivision for easement of approximately 2.5 m from the pipe centreline within his land will be performed and associated payments made to him immediately after. The cost will be calculated based on the rates used in the Sales Agreement in January 2020 which was \$217.00 per SQM. The survey for the subdivision for easement is yet to be carried out.

50. **Kongulai WTP LARP:** The Kongulai WTP LARP has been fully implemented. Works started on site including the setting up of a site office, workers' rest bays and sanitation facilities. Excavation works also commenced after a stop work notice was lifted by SW following the implementation of sedimentation control works on site by the contractor. However, progress was very slow, and there were so many Notices to the Contractor (NTCs), the contractor was eventually offered an extension of time (with conditions), but refused the conditions: so the contract is effectively terminated by SW. Work ceased on site on 13th December 2023, pending legal action to resolve the matter. Discussions around this are on-going.

51. **Community Advisory Committee (CAC)** (Kongulai, White River, Tasahe): The first CAC was established on 1 February 2023. CACs for other Honiara subprojects (including trunk mains, reservoirs and wastewater) are yet to be established, and are posing some difficulties, because they are commercial areas, and the businesses and working people living there are not a cohesive community. No other CACs have yet been formed, but Titinge should be next. No CAC was established during this reporting period.

52. **HNWS Reservoirs:** The LARP for HNWS reservoirs (Panatina, Titinge and Tasahe Reservoirs) has been completed and fully implemented. There are no resettlement issues relating to the sites during the reporting period. Consultations with communities were held before construction began and works are underway.

4.3 Honiara Wastewater Project (HNWW) LARP

53. The Honiara wastewater subproject is separated into 2 sections: The Eastern Section which is defined by the proposed network starting at Point Cruz and ending at NRH (also referred to as NRH section) and the Western Section which runs from the Bahai Area up to Ranadi/King George area. The LARPs for the two sections were drafted by SUEZ and reviewed by SW, while the detailed designs were being finalised in 2022. Negotiations with land title holders for easement access and land acquisition continued during the reporting period, though no new MOU was signed during this period. The SW PMU safeguards team have been working to properly complete the two LARPs, furnishing them with the relevant signed MOUs with the respective land title holders/APs as identified in those LARPs. The status of the negotiations for MoUs with the identified APs for both the Western and the Eastern HNWW are discussed in **Table 6**. To achieve consistencies across the LARPs, all negotiations and agreements have been or will be, captured in MOUs between SW and the respective APs or land title holders.

54. In the Eastern wastewater system, the Ranadi to Goodwood Outfall section had a separate LARP developed specifically ahead of the rest of the eastern wastewater system, due to the urgency to construct that section in time for the Pacific Games in November 2023. The Goodwood LARP received an all clear from the development partners on 6th September 2022 and construction was supposed to take 10 months. However, Pacific Engineering Project Limited (PEP) who was awarded the contract to construct this section of the infrastructure was so late starting, the system was not finished in time for the Pacific Games. The pump station and outfall at Goodwood Timbers has been removed from the scope, as they are no longer required to serve the Pacific Games facilities, and in any case, were to be abandoned after the Games. The project will now end at the last manhole at Goodwood Timbers, where it will interface with the permanent Ranadi Ocean Outfall. Works are continuing with nearly all sewer pipe section completed by November 2024, but construction of 16 manholes still to be completed. The likely completion date will be around mid-2025

55. **HNWW Eastern:** On 6th September 2022, the LARP was cleared by ADB/WB. Pacific Engineering Project Ltd (PEP) was awarded a contract and construction started (though late) in Q2 of 2023.

56. There are two main concerns for the HNWW Eastern LARP:

- **KCM Limited:** Although the owner of the proposed site for the Naha wastewater pumping station located along the Kukum Highway, did not object to SW constructing the pump station within his land (320m²), he could not agree to any of the numerous offers that SW has proposed. SW therefore asked the Ministry of Lands (MOL) for resumption of the land and is awaiting progress from MOL. SW will follow-up with MOL in Q1-Q2 2025.
- **Tropical Helicopters (TH):** According to the designs done by Suez, the best option for the proposed siting of the Ranadi PS is within the road reserve in front of the Silent World Compound with an overflow pipe (for emergency purposes only) designed to go through the western boundary fence of the compound owned by Tropical Helicopter Company. Despite

constant follow-up, TH has remained unresponsive to all communications. SW therefore decided to liaise with Douglas Logistics (DL), who share boundary the same boundary with TH hoping they would be happy to cooperate with SW. A letter was sent to DL towards the end of Q3 2023 regarding the SW proposal. SW has yet to receive any feedback from DL though in a brief meeting held with them in Q2 2023, they sounded eager to have further discussions with SW. SW also assessed the possibility of applying to the CoL for resumption. This will be followed up in Q1/Q2 2025. The last date to resolve this is the end of June 2025. (Outside the reporting period, in February 2025, SW managed to get a response from Tropic Helicopters through personal networks).

57. **HNWW Western:** In the LARP for HNWW Western section, there are no concerns in relation to acquiring land for easement access or sublease arrangements. The status of negotiations with the respective land title owners are presented in Table 6.

- **Solomon Islands Ports Authority (SIPA):** SW will require pipelines and a PS to be installed within the land owned by SIPA. SW engaged the services of a valuer to value all the lands required by SW for pipe installation and the PS within SIPA land SW has put together a draft MOU with offers inserted based on the valuation, but has yet to receive a response from SIPA. SW will follow this up in Q1/Q2 2025.
- **United Church of Solomon Islands (UCSI):** A draft MoU containing an offer for easement payment based on the value that UCSI have requested, was submitted to UCSI who say that they are satisfied with the content of the MOU. MOU was signed on 28th June 2024.

Seafront Trustees: SW has approved an increased offer as requested by the seafront trustees for the outfall sections (both eastern and western). However, the legality of ownership of the seafront is currently still being contested in court by the Commissioner of Land (COL). Feedback was received from CoL on 7th June 2024 saying the Registrar of Titles is to de-register the land. Whether it is customary land, depends on an assessment of any claims over the area. Therefore, SW is awaiting the determination of the court and CoL before proceeding further.

4.4 Provincial water supplies

58. **Tulagi Water Supply:** All resettlement activities have been completed. The APs have received their payments and there are no other outstanding payments or pending MoUs. SW proposed to scale back the scheme due to finance considerations, and the project is currently on hold.

59. **Noro Water Supply:** The Noro LARP was completed in September and submitted to WB/ADB for approval on 27th September. An MOU was signed on 29th September with the respective trustees for the lands where the Noro Water Supply upgrade works will take place. The LARP was updated to include the signed MOU, and was submitted to WB on 23rd December 2024 for approval and no objection.

60. The Commissioner of Lands (COL), appointed an acquisition officer (AO) to facilitate the proper processes to have the 3 parcels of Ziata land legally registered under the rightful landowners. This will enable SW to formally establish a lease agreement with them.

61. After the 11 appeals against the AO's (CoL) determination were lodged in December 2023, SW started to re-engage with the 3 land owner groups of [REDACTED], [REDACTED], and [REDACTED], who previously provided support letters to the project but were not in the newly determined land owners. Individual consultation was conducted with the [REDACTED] and [REDACTED] group in late March 2024. Further individual meetings and all landowner's stakeholder engagement and forums were planned before the actual project construction. Representatives of the LOs were flown to Honiara by SW, who had fruitful discussions and arranged for the group to meet with the newly elected Prime Minister, who listened to their views. While the details of the appeals are not yet known, support for the project remains high, and the breakaway sub-group seems to be drifting back to the main group of landowners which may simplify the negotiations.

62. Possession of the site was given as of 15 July 2024 with the Contractor to start works in January 2025. . Meanwhile SW awaits the outcome of the appeal before finalizing the land agreement.

63. **Munda Water Supply:** Suez developed a draft LARP and the majority of the design for Munda subproject in 2022, after consultations were conducted with customary and registered land owners who all supported the project, citing the need for water in Munda, but were unable to complete the hydrogeological testing required to complete the design. Owners of the customary lands also provided support/consent letters to SW, to allow SW access to the land to carry out pipeline works. The Munda water supply design includes a reservoir, as part of the Munda system. A site at Polovesu has been identified for this purpose 'owned' by the [REDACTED] family who are also residing there. Polovesu, though it is customary, has about four generations of the [REDACTED] family living on it: this family is part of the Kazakuru clan, but is recognised by them, as having primary rights in the land. The land has not yet been registered and is therefore considered customary land. The [REDACTED] family has been consulted on numerous occasions, and they have maintained their support for the project and for the siting of the reservoir within the family land. To ensure that legal instruments are established to allow SW to have a proper lease agreement with the owners for the proposed tank site, the COL will have to initiate the land acquisition process according to the Land and Titles Act similar to the one that is currently happening for Noro. SW commissioned SMEC to undertake more hydrogeological testing on customary lands and to incorporate the findings in the final design, before providing instructions to the COL for the acquisition process.

64. SW developed a draft MOU with the [REDACTED] family whom they met in Honiara on 21st November 2022. There has not yet been any response to SW regarding the draft MOU.

65. The maps of the proposed pipeline routes in Munda have been provided in the draft LARP but there is still the need to verify that the pipelines will not encroach into private properties. Suez stated that the proposed pipelines will follow the roads and

had intended to follow up with MID to ascertain whether the roads in Munda have been gazetted. It has yet to be determined if MID or the provincial government own the roads, particularly within the Lambete area. The roads within Dunde area are customary, and there has already been a letter of support and consent from the community's chiefs to have the pipeline installed along the road. The proposed airport bore, north of the runway is within the land owned by the commissioner and therefore SW is going to prepare an MOU with the COL to allow access to rehabilitate and operate the borehole. At this stage no tests have been performed on the borehole to determine its state and yield. In case it is discovered to not be adequate, SW will have to look for an alternative bore site, likely to be in the Dunde area and situated on customary land. With SW priorities focused on Honiara infrastructure and other areas, progress on the Munda LARP has been slow.

66. **Gizo Water Supply:** Detailed design works on the pipelines were completed by SMEC. The hydrogeological survey of three boreholes owned by the Western Provincial Government, was completed at the end of 2022 with results that show the yield is insufficient and that boreholes need to be re-tested and additional sources found. SW conducted another bore investigation. The preparation of the LARP and identification of APs for the complete network was undertaken by Suez in 2022 but not completed. However, it was established with Suez during the designing of the system, that all pipe routes must follow the road reserves. During the reporting period, the progress of the Gizo LARP remained unchanged as noted in Table 6. This LARP is pending the final results of the re-testing of the boreholes. SW does not want to pursue any negotiations with APs until source water issues are resolved. However, this is a priority project likely to be part funded by the Government of Australia's Department of Foreign Affairs and Trade (DFAT).

67. The list of LARPs and their approval status is shown on Table 5 (above), while the following Table 6 below, describes the progress of negotiations with land owners:

Table 5: Status of negotiations with land title holders (for easement access or purchase)

Names of Affected Parties	Type	Requirement for LARP	Status as of 31 st December 2024	Comments
HNWW – Western Section LARP (Point Cruz to NRH)				
Solomon Islands Ports Authority (SIPA)	Pump station (PS) and pipelines	MOU for easement access for pipeline and PS.	Ongoing	SW made compensation offers to SIPA for proposed easements in Q4 2023, including in a draft MOU. Once the compensation rates are agreed upon by SIPA, SW anticipates that SIPA will sign the MOU. This was expected to happen in Q4 2023, but SIPA is yet to respond to SW on the offers made to them. No official response received in this reporting period. SW will follow up in 2025.
SSEC	Pipelines	MOU for easement access.	Completed. Signed 4 th April 2024.	SW and SSEC have agreed on a compensation figure. SW issued a draft MOU to SSEC with clauses agreed with by both parties. MOU was finally signed in April 2024.
Uniting Church	Pipelines	MOU for easement access	Completed. MoU signed on 28 th June 2024	All clauses within the MOU, including compensation figures have been agreed with by both parties. MOU was finally signed on 28 th June 2024.
MID	Pipelines	MOU for easement access	Not yet	For works on roadway between Point Cruz – NRH & Tuvaruhu-NRH. This section is not amongst the priority areas. However, an MOU with MID should be established in 2025.
MHMS & COL	Pipelines within NRH and 2 x Pump Stations	MOU for easement access	Signed (18 Aug 2022)	Completed
Lord Howe Settlement (Ontong Java community)	Pipelines	MOU for easement access	Signed (6 June 23)	An MOU with OJC was signed on 6 June 2023, with first 80% payment executed on 8th June 2023. 20% payment will be done after execution of easement instrument.
Seafront Trustees	Outfall	MOU for easement access	Ongoing	COL won the court case for this contested land which is to be deregistered. Still awaiting decision on whether there are any customary ownership claims. No feedback from COL in this reporting period.
HNWW – Eastern Section LARP (Bahai to Ranadi)				
MID	Pipelines	MOU for easement access	Not yet	Anticipated MOU draft by SW will be signed in Q1 2025.

Names of Affected Parties	Type	Requirement for LARP	Status as of 31 st December 2024	Comments
	(Bahai-Ministry of Fisheries area)			
KCM	NAHA PS	FTE Payment for required land size (land acquisition)	Ongoing	SW has been following MOL progress on resumption of the land. The team is liaising with the Valuer General who is still to act on CoL directives. Anticipated resumption to be completed by COL by end of June 2025. .
MID	Pipelines (Fisheries to Ranadi Round – about)	MOU for easement access	Signed	This project has been taken over by SIG
MID	Ranadi PS and Pipelines	MOU for easement access and consent	Signed	30 November 2022
Tropical Helicopter	Overflow pipe	MOU for easement access	Ongoing	Attempts to communicate with TH have finally been successful. SW had been going to hand over the issue to MOL for their assistance, and were also liaising with Douglas Logistics which is the neighbouring property to see if they would accept SW's proposal to put pipes along their boundary. However this approach was not successful, and eventually in Feb. 2025 SW managed to make progress with TH. This will be followed up in Q1 2025.
MID	Goodwood PS and Pipelines	MOU for easement access and consent	Signed	PS (18 August 2022) Pipeline (2 September 2022)
COL &HCC	Ranadi Landfill PS	MOU for Consent	Signed	October 2022
GPPOL	Pipeline	MOU for easement access	Ongoing	GPPOL has agreed to move the easement back to the original easement along the eastern boundary of GPPOL property, with a concrete slab cover which is being designed.. Anticipating signing of the MOU in Q1-2 in 2025.
Provincial Water Supply – Munda LARP				
██████, land occupant	Pipeline and Reservoir	MOU for consent and clearance of trees and crops	Ongoing	Draft MOU already shared with the █████ family on 21 November. A response of support was provided by the █████ family in December 2023 but they requested to meet with SW to discuss compensation rates. Meeting in 2023 did not eventuate. An alternative option of relocating the new tank site to the old Munda tank site (which is on CoL

Names of Affected Parties	Type	Requirement for LARP	Status as of 31 st December 2024	Comments
				registered land) is being pursued. Must be resolved by end of June 2025.
COL	Borehole and pipeline	MOU for consent	Not Yet	Consultation has been done with MCA. SW need to draft an MOU with the COL in Q3 2024 but after the bore has been tested for viability.
Provincial Water Supply - Noro LARP				
Ziata Tribal Owners (Kazakuru)	Upgrade of existing Infrastructure	Supporting letter from newly appointed trustees for the project to proceed	LARP completed and awaiting approval of donors. MOU with LOs signed to agree start of civil works.	The MOL initiated an acquisition process in Q3 2023 for the 3 plots of land where the proposed upgrade works will be undertaken. SW finally signed an MOU with the LOs on 29 th October 2024, to allow civil works to start. Mobilisation and works on site started at the end of Jan 2025 (outside this reporting period.)
Provincial Water Supply - GIZO LARP				
Western Provincial Government (WPG)	Pipelines	MOU for easement access	Not yet	Pipeline routes will only follow road right of way. The Western Provincial Government gave consent in November 2022, for works to proceed in Gizo. The Safeguards Team need reinvestigation works on the borehole to be completed as the initial one done in 2022 suggested that the existing bore fields are not viable.
██████████ & WPG	Reservoir	MOU for land acquisition	Complete	MOU executed in Q2 2023

4.5 Outstanding Resettlement Activities

68. The Safeguards Team continues to monitor the construction works, but all current resettlement provisions have been completed for Honiara subprojects. Monitoring of site works is normally done in coordination with the National Social Safeguards Specialist, (a position which is currently being recruited for) and National Environment Safeguards Specialist in SW PMU. The contractors also submit monthly safeguards monitoring reports, which are reviewed by the PMU staff, who provide feedback through a 'Notice to Contractor' (NTC) system. There are currently four CESMPs being monitored: the Honiara Water Supply Trunk Mains, the Honiara Water Supply Reservoir subproject, Honiara Wastewater – Ranadi to Goodwood section and the Kongulai Water Treatment Plant subproject.

69. There will be future resettlement and compensation requirements for the Eastern and Western HNWW subprojects and the provincial water supply projects including Munda, Gizo and Noro for which LARPs are still progressing. During the reporting period, efforts have been made on consultations and negotiations with APs relating to the ongoing LARPs.

Matters of significant importance: There are no matters of significant importance raised in the last six months, apart from the usual construction delays.

5. COMPLIANCE WITH PROJECT SAFEGUARDS COVENANTS

70. The project is addressing project related covenants of ADB. Appendix 2: Compliance with safeguard-related project covenants provides a summary of the compliance with the covenants included in the ADB and SIG project agreement.

DRAFT

6. PUBLIC CONSULTATION, DISCLOSURE, CAPACITY BUILDING

71. Public consultations have been held to comply with plans in the IEE, the LARP and the Project's Stakeholder Engagement Plan (SEP). The consultations are guided by WB and ADB best practice as outlined in their manuals and guidance notes.⁴

6.1. Public Consultation Activities

72. Consultations, information disclosure and awareness raising activities have been ongoing during the reporting period. A summary of the consultations conducted within the reporting period are in Table 7. With construction works now proceeding, the SW PMU continues to provide support and oversight of the contractors' consultation requirements to ensure that the APs and the public are properly informed in adequate time before work proceeds and in the event that work completion is delayed. All consultation materials drafted by the contractor go through SW management for clearance before they are used to ensure messaging is correct. The PMU CLO has been instrumental in facilitating this requirement.

⁴ World Bank, 2012, *Stakeholder Consultations in Investment Operations: Guidance Note*.
ADB, 2012, *Strengthening Participation for Development Results: An ADB Guide to Participation*

Table 6: Consultations held within the reporting period

Date	Awareness Type/Project	Community	SW Action	Key Contacts	Facilitator	SW Team	Participants	Key Message
20-Jul-24	Trunk Mains Upgrade – East Kola	Kukum Community	Provide oversight to PEP	Affected Businesses, School, and Church	PEP		Male:6 Female: 5	<ol style="list-style-type: none"> 1. Inform the School, church, public and the bus drivers that construction of trunk mains (pipelines) will commence night works on Tuesday, 21st of July 2024. 2. Advise school staffs to be cautious and not to go near the construction site. 3. Awareness of public safety at construction site.
24 Jul - 24	Ranadi – Goodwood Sewer Project	Solrice Road	Assist PEP with consultation	Affected businesses, market vendors and residents	PEP & SW		Male: 15 Female: 3	<ol style="list-style-type: none"> 1. Provide update in formation to business, residents and road users on the Ranadi Road to Goodwood sewer outfall projects progress to date. 2. Inform the businesses along the Solrice road of the proposed total road closure and the Traffic Management Plan between 30 July to 20 August 2024 along the Solrice road. 3. Inform businesses about the importance of the road closure to allow contractor to carry out trench excavations and other essential works for the Ranadi Road to Goodwood sewer outfall project. 4. Continually advise road users of the risks and OHS issues as a result of the works and to respect safety signs and the works. 5. Distribute information brochures and maps to the general public about the project and the proposed road closure and TMP. 6. Ongoing support and remind business and road users of the processes and

								mechanisms in place to raise any grievances about the project.
25-Jul-24	Trunk Mains Upgrade – East Kola	Kukum Community	Provide oversight to PEP	Affected Businesses, school, and Church	PEP		Male: 3 Female: 2	<ol style="list-style-type: none"> 1. Inform the School, church, public and the bus drivers that construction of trunk mains (pipelines) will commence night works on Tuesday, 25th of July 2024. 2. Advise school staffs to be cautious and not to go near the construction site. 3. Awareness of public safety at construction site.
29-Aug-24	Honiara Water Storage Reservoir Project – Tasahe Site	Tasahe Site	Provide oversight to PEP	Affected Community	PEP		Male: 6 Female: 5	<ol style="list-style-type: none"> 1. Inform the community that concrete pouring for Tasahe Reservoir will be on Thursday, 29th August 2024 at 5pm. 2. Advise the community to be cautious and not to go near the construction site while this important work is taking place. 3. Awareness of public safety at construction site.
19 – Sept - 24	Trunk Mains Upgrade – Tanakake	Tanakake Community	Provide oversight to PEP	Affected Community	PEP		Male: 7 Female: 9	<ol style="list-style-type: none"> 1. Inform the community that reinstate for Tanakake road on Friday 20th of September 2024. Estimated duration of work will be 7-10 days depending on the weather. 2. A temporary partial road closure for the Tanakake road. The road closure will result in one-way traffic for downhill travels only and for uphill travels will be from marine school to Panatina road and alternatively, those travel through SINIS Junction will need to turn left after the

								<p>SINIS compound and follow the road to meet the Panatina road.</p> <p>3. Advise the community to be cautious and not to go near the construction site while this important work is taking place.</p> <p>4. Awareness of public safety at construction site.</p>
25 – Sept - 24	Honiara Water Storage Reservoir Project – Tasahe Site	Tasahe Community	Provide Oversight to PEP	Affected Community	PEP		Male:7 Female: 5	<p>1. Inform the community that concrete pouring for Tasahe Reservoir will be on Wednesday, 25th of September 2024 at 5pm.</p> <p>2. Advise the community to be cautious and not to go near the construction site while this important work is taking place.</p> <p>3. Awareness of public safety at construction site.</p>
30- Sept- 24	Honiara Water Storage Reservoir Project – Titinge Site	Titinge Community	Provide Oversight to PEP	Affected Community	PEP		Male: Female:	<p>1. Inform the community that concrete pouring for Titinge Reservoir will be on Sunday, 30th of September 2024 at 5pm.</p> <p>2. Advise the community to be cautious and not to go near the construction site while this important work is taking place.</p> <p>3. 3. Awareness of public safety at construction site.</p>
01-Oct-24	Trunk Mains Upgrade - White River PS	White River	Provide Oversight	Affected community	PEP		Male:4 Female: 8	<p>1. Inform the people living along the road of excavation works that will be happening.</p> <p>2. There will be noise, disruption to traffic flow and pedestrian movements.</p>
08-Oct-24	Trunk Mains Upgrade - East Kola to Kukum	Tahanue Road (Kukum Backroad)	Provide Oversight	Affected Persons	PEP		Male:18 Female: 7	<p>1. Informing communities, road users, residences and businesses of night works that will be happening along the Tanahue road (Kukum backroad).</p> <p>2. Safety of commuters</p> <p>3. Will try to minimize impacts to residents and restoration will be done if damages happen.</p>

								4. Ensure there is no risk or harm to both contractors and members of the public during works.
11-Oct-24	West Kola Tank Fencing	West Kola Residents, Gwaimaoa Community	Conduct initial consultation	Affected Persons	SW		Male:5 Female: 5	<ol style="list-style-type: none"> 1. Let people around the area and those living within SW area know of SW plans to have the area fenced. 2. Get contacts of those who will be directly affected
15-Oct-24	Kongulai - White River Trunk mains	Kongulai	Conduct consultation	Kongulai Community/Landowners	SW/PEP		Male:5 Female: 3	<ol style="list-style-type: none"> 1. Clarify that SW will not pay the 20k requested by Kongulai LOs 2. We will only give a pig and food items worth 5k
18-Oct-24	Kongulai - White River Trunk mains	Kongulai	Handing over pig and food	Kongulai Community/Landowners	SW			1. Payment of 5k in the form of a pig and food items to the landowners and Kongulai community. This then allows trunk mains works at the Kongulai graveyard to start.
29-Oct-24	MOU Signing	Ziata Landowners	Facilitate Signing		SW		Male:21 Female: 5	1. MOU Signing between SW and Ziata source landowners. This signing will allow the rehabilitation and upgrade works of the Noro water supply system.

02-Nov-24	Trunk Mains - White River Market	White River market area	Provide Oversight	Affected community	PEP		Male:2 Female:3	<ol style="list-style-type: none"> 1. Informing communities, road users, residences and businesses of night works that will be happening along the Ngaliraugha road moving towards White River market. 2. Safety of commuters 3. Will try to minimize impacts to residents and restoration will be done if damages happen. 4. Ensure there is no risk or harm to both contractors and members of the public during works.
10-Nov-24	Trunk Mains - Rove Bulkshop	Rove Bulkshop area	Provide Oversight	Affected community	PEP		Male:1 Female: 2	<ol style="list-style-type: none"> 1. Informing communities, road users, residences and businesses of night works that will be happening in front of the Rove Bulkshop area - Mendana Road/Tasahe Junction 2. Safety of commuters 3. Ensure there is no risk or harm to both contractors and members of the public during works.
12-Nov-24	Follow up Meeting	Kongulai Gaenaalu Kakauroha, Land Trust Board (KGKLTB)	Facilitate Meeting	Kongulai Community/Landowners	SW		Male:10 Female: 6	<ol style="list-style-type: none"> 1. Collaborate with Landowners being an important stakeholder. This is also part of an ongoing consultation with Kongulai landowners to foster a good relationship

6.2. Planned Consultation Activities for January-June 2025

73. There will be on-going consultations with Honiara and provincial communities and particularly with landowners where land issues are likely to be obstacles to implementation of both Honiara and provincial water supply plans. As outlined in the updated Stakeholder Engagement Plan, Community Advisory Committees, (CACs) are planned for six areas in Honiara, and one in each province. Work will continue to assist contractors to establish the CACs for Honiara sites, in order to facilitate participation of community members during construction. With the Honiara Water Supply under construction and the Goodwood section of HNWW, SW will ensure that all the CACs for Honiara are established and effectively implemented. SW will also be providing oversight on consultations that the contractor will be doing. Given the construction delays and probable contract termination for the Kongulai WTP, it will remain critically important to involve the existing CAC and keep the community well informed about the issues and delays in implementation.

74. The detailed designs for the Phase 2 subprojects are for the most part, completed, and therefore consultations with Honiara and provincial communities will be reported in the January to June reporting period.

6.3. Capacity Building and Training

75. The International Environmental and Social Safeguards specialists, and WASH advisor, have continued to provide specialist inputs, and to mentor and support SW staff in preparation of safeguards documents. There have been discussions around using and updating the GAP monitoring framework between consultants, the SW safeguards team, and ADB advisors. More training on the GRM will be required once the revised process and SOPs are completed in Q1 2025.

76. As reported in the Environment Safeguards section, (3.6) SW provided a refresher training to contractors safeguard officers and SW project engineers. SW International Environmental Specialist facilitated a half-day workshop to discuss the outcomes of the environmental audits with PEP H&S officer. The primary focus of the workshop was on effective implementation of CESMPs on the construction sites with more emphasis on: Record keeping and documentation of incidences and grievances; Signage; Calibration of monitoring instruments and Spill control.

7. GRIEVANCE REDRESS MECHANISM (GRM)

77. SW established a GRM to deal with grievances from the general public and affected persons in relation to all SW managed projects and covering all stages of SW's projects' cycle. The GRM covers both social and environmental grievances and care was been taken to ensure confidentiality for those making complaints. The focal point of contact for the GRM is the national Social Safeguards Consultant and the Community Liaison Officer (CLO). This information is continuously be relayed to the customer service front should anyone with concerns and questions approach SW regarding the project: complaints and grievances are referred to the focal point appropriately. The existence of this GRM has been communicated to communities during project consultation with the names and contacts of the focal points also made available to the communities during consultations.

78. The GRM is a three-stage process (currently under review) which allows for appeals at each stage: complaints are forwarded to the Project Manager who tries to solve the complaint. If a solution cannot be reached the complaint is referred upwards first to the Chief Executive Officer of SW and then, if no resolution is found, to a Grievance Tribunal of three people: (i) a member of the Board of SW; (ii) the Permanent Secretary (or designate) of the Ministry of Mines, Energy and Rural Electrification; (iii) an independent member jointly selected by Chief Executive Officer of SW and Board Chairman. Within five working days of the Tribunal meeting a formal response is issued to the aggrieved party outlining the Tribunal's decision on the grievance.

79. The decision is final as far as the SW grievance process is concerned but if this is still not accepted the complainant has the option of taking the complaint to the Solomon Islands judicial system. Disclosure of the GRM process and awareness of how it works has been delivered through the many community consultations.

80. The Safeguards team initially assisted contractors to ensure that their GRM is included training for staff on how the process works, that they included SEAH in their CESMP to show how they would respond to any incidents, and that they require all employment contracts to have a signed Code of Conduct for employees. However, this process was assessed to be needing improvement (by the ADB/WB Mission), and the Safeguards and Gender team are currently revising the GRM for SW, especially to ensure that there is a separate confidential reporting channel for SEAH complaints. This will make use of local service providers to ensure victim/survivors of SEAH receive confidential support from qualified experts. This will put the victim's needs and wishes at the centre of the process. A draft of the revised GRM system will be available in Q1 2025, and will confirm roles and Standard Operating Procedures (SOPs), and update documents. Training will then be provided for engineers, project managers, CLOs, and contractors, to refresh their understanding and inform them about how the revised process will work.

During Q4 2024, there were seven complaints shown in table 8 below.

GRIEVANCE REPORT						
Officer receiving grievance & date	Project	Description of grievance	Responsible Team	Action	Outcome	Status
Consultation team – PEP & SW 25 Jan 2024	Trunk Mains - Kongulai to White River Section	Works along the gravesite must be done as per requests below: 1. Excavation can only be done from the pump station to the first crossing 2. No machine is allowed after the first crossing; thus all works will be done manually 3. Community members must be hired to do the manual trenching from the first crossing to the second crossing 4. A cultural ceremony (smoking of a pig) must be done before works can state. (A common cultural practice on Guadalcanal).	PEP	SW held series of meetings with Kongulai landowners to look at possible ways to amicably resolve their grievance.	A cultural ceremony took place on 18/10/2024 where SW presented a pig, food items and cash to the LOs to resolved and close off the grievance.	Closed
██████████ August 2024	Trunk Mains – Panatina to Burnscreek Section	PEP staff member with one of their laborers. PEP officer ██████████ offered dinner to local laborers. During the dinner ██████ mentioned to ██████ jokingly a comment instructing ██████ to bring his wife, and he will impregnate her.	PEP	PEP supervisor contract was terminated and he was send back to Fiji	PEP/SW	Closed

██████████ August 2024	Trunk Mains – White River to Townground	██████████ from Solomon Motors with PEP contractor. The rectification works have been outstanding for several months. He shared his frustration with the prolonged delay by the Contractor to reinstate the driveway and how that has impacted his business as well as the pile of dirt that has not been removed for over 4 months.	PEP	SW arrange meeting with SML(██████████) to discuss the grievance	SW and PEP Contract representative met with ██████████ CCECC will do the reinstatement of Solomon Motor Limited car park.	Closed
██████████ 22 nd October 2024	Trunk Mains- White River Section	Report from customers that PEP machine operator is drinking kwaso/alcohol whilst working	PEP	PEP excavator operator has undergone drug test at Family Medical Centre. Test results show positive results for drug (Marijuana). SW advised PEP to terminate the Operator	PEP/SW	Closed
██████████ 5 th October 2024	Trunk Mains- White River Section	The night excavation works at White River has no proper lighting, messy excavation destroying driveways, unsafe actions to allow pedestrians and vehicles to pass through - the excavator bucket was lifted up to allow pedestrian's and vehicles to pass through. (Reported by ██████████)	PEP	Issues dealt with by PEP	PEP	Closed

<p>██████████</p> <p>7th November 2024</p>	<p>Trunk Mains- East Kola to Kukum Section</p>	<p>Exposure of open trenches has caused near miss incidents where student almost got in an accident when crossing the road</p> <p>(Reported by ██████████ FYCS Principal)</p>	<p>PEP</p>	<p>Project engineer advised PEP to have steel plates over the trench and secure with barricades.</p>	<p>PEP/SW</p>	<p>Ongoing</p>
<p>██████████</p> <p>7th November 2024</p>	<p>Trunk Mains-IBS Section</p>	<p>IBS team emailed and complained of damage to their ramp, beach timber houses were removed, damaged electrical wires and water line.</p> <p>(Complainant: ██████████, IBS)</p>	<p>PEP</p>	<p>SW Project Engineer advised PEP to reinstate ramp ASAP. Timber frames from houses broken down will be used to rebuild. Electrical lines to be repaired by PEP with the supervision of IBS Electrical supervisor. The water pipe has already been repaired.</p>	<p>PEP/SW</p>	<p>Closed</p>

[REDACTED]	Trunk Mains- White River Section	Road works blocked off access to driveway to Lucy's property leaving exposed trenches due to damaged service line.	PEP	SW project engineer [REDACTED] emailed CR [REDACTED] to rectify issue on 22/11. [REDACTED] WhatsApp and called [REDACTED] for rectification on 22/11/2024. Issue was rectified on Saturday 23/11/2024.		Closed
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7.1. Gender Action Plan (GAP) Implementation

81. Basic monitoring of milestones, progress, and GRM complaints on gender related issues is ongoing with SW's communication team providing support remotely to the international social safeguards and gender consultant. The communication team has overall responsibility for gender issues within SW, assisted by the safeguards team.

82. There is ongoing monitoring to ensure all consultations include women participants and that resettlement agreements are providing compensation to both men and women. All trainings on WASH and hygiene awareness aim to include at least 50 % women. However, because SW's national social safeguards and gender consultant resigned last October and has not yet been replaced, it is proving difficult to gather all the necessary data to fully report on progress. Efforts are being made to retrieve information on earlier training numbers, and other details to put together a full cumulative list of activities.

83. For the Additional Financing Agreement (2), the SW gender consultant, in consultation with the ADB Gender Officer, reviewed activities and targets in the GAP to make sure they are effective in measuring progress as well as being realistic and achievable in the next phase. In particular, the team will have tried to ensure that women in communities will have equal opportunities and will be protected from any adverse social impacts related to SW activities.

84. ADB did not agree that the GAP monitoring template, could be amended to simplify results, (since because it is presented as one huge table, rather than a more conventional report, so the structure is not easy to either write or follow.) The matrix is a standard ADB tool used in all their projects and cannot be changed. The recruitment of the national safeguards/gender specialist is in progress but has not yet been completed, so we are still awaiting this appointment, and some activities are therefore pending (such as plans to improve data collection).

8. SUMMARY AND CONCLUSIONS

85. During this reporting period the following outcomes have been achieved and challenges faced:

86. **Environmental safeguards:**

- SW facilitated a half-day workshop for contractors 'safeguard officers and SW project engineers to discuss the outcomes of the environmental audits. The primary focus of the workshop was on effective implementation of CESMPs on the construction sites with more emphasis on: Record keeping and documentation of incidences and grievances; Signage; Calibration of monitoring instruments and Spill control.
- An environmental audit of all project sites in Q4 with SW International Environmental Specialist, including an initial site visit to Noro project site.

- One (1) joint audit with WB/ADB Specialists conducted at the Honiara Network Water Supply Service reservoirs- Panatina and SSS batching plants.
- SW have finalized the IEE/PER for UWSSSP Phase 2 Honiara Water Main Replacement Projects. Draft (V2) of the PER was submitted to ADB on 23rd September 2024. External specialists reviewed and updated the PERs in this reporting period. The PER is expected to be finalized and submitted to WB for approval in Q1 2025.
- PEP's Environmental Officer and Environmental and Social Specialist have both resigned in the previous reporting period. There is no formal response from PEP regarding their replacements in this reporting period. The two (2) positions are still vacant to date.

87. **Social safeguards and Gender:**

- Areas of concern remain the same as in previous reports. There has been slow progress relating to land acquisition, which is a key reason for the delay in submission of some LARP documentation. Much of the land needed for utilities is government owned, but there are tracts of privately held land or customary land, that are yet to be acquired, and where consultations and negotiations are on-going. Getting agreements with some parties has proved very time consuming, not to say frustrating. Also there have been difficulties in acquiring necessary land for pipelines and pump stations in Honiara, as private owners are reluctant to sell or lease for the official valuation rates. Many of the HNWW and provincial water supply LARPS are awaiting the signing of MOUs to finalise agreements with landowners.
- Noro LARP was finalized and submitted to ADB/WB for review and approval on 27th September 2024. MOU with Ziata source landowners was reviewed by Attorney General and then signed on 29th September 2024 to allow contractor to commence work Ziata site. The LARP was updated to include the signed MOU, and was resubmitted to WB on 23rd December 2024 for approval and no objection.
- Completion of LARPs and submission/approval of development partners still outstanding for Munda and Gizo provincial water supplies; and HNWW NRS and Ranadi Sewer Works sub-projects. These will be the priority for the next reporting period. MoLHS is progressing with revised land tenure arrangements for SW's three operational sites in Noro, and this may impact on the proposed UWSSSP upgrade works, delaying the commencement date.
- The difficult grievances of the Kongulai community took a lot of time by the Safeguards team, but all were satisfactorily resolved, a major achievement.
- Catchment Protection: Historic disputes and conflicts with customary land owners in catchment areas continues for land issues and natural resources management. A constructive dialogue has to be continued and financially and

socially viable compensation packages determined for forthcoming land use zoning and subsequent restrictions.

- While the implementation team for Catchment Protection have made progress in engagement with stakeholders, lack of coordination and timely consultations remain weak and lead to difficulties in developing sustainable catchment management strategies.

8.1. Recommendations for Implementation and Corrective Actions

- Contractors need to improve in their implementation of their CESMPs.
- Implementation of some of the corrective actions is ongoing as construction works are still underway at Panatina, East Kola, Titige and Tasahe reservoir sites. The termination of the Kongulai WTP contract is still being discussed.
- Contractors and subcontractor staff compliance for PPE requirements needs to be improved. Non-compliance to PPE requirement was observed in all of the construction sites during routine weekly site visits.
- The resignation of the national Social Safeguards and Gender consultant left a hole in the team since October 2023. . A replacement is in the process of being recruited, but needs approval from donors, which we trust will be speedily expedited. This is an urgent requirement, as our social monitoring and reporting is affected by lack of appropriate staff expertise.
- The difficult work in establishing and operating Community Advisory Committees for HNWS needs to continue particularly for HNWS.
- During implementation of the WASH Hygiene Promotion Project, the WASH team need to identify any existing Water User Groups or WASH Committees so progress can be tracked.
- The international Social Safeguards and Gender consultant needs to meet with relevant SW staff to review data which is collected at time of water connection to households. There is a need to include more information, in order to monitor progress and social impacts of the project, (such as: age, literacy level, disability, income bands, and female headed households). A work plan is to be developed for implementation of surveys.
- Still need to set up Dropbox system for storage of gender documents relating to targets and indicators. Ensure all training materials, consultation reports, presentations, and other materials are provided to ADB/WB.
- Develop long-term plan for three surveys to help monitor the project impacts on women. These should take place in 2025, 2026, and 2028. A working

group consisting of the Gender specialist, WASH specialist, and M&E specialist to discuss with SW staff, the design of the proposed 2024 survey, in order to provide data to monitor the GAP and project indicators. A work plan yet to be developed for implementation of the survey(s).

APPENDICES

Appendix 1: Environmental Audit Findings and Corrective Actions/Recommendations

Environmental audit findings and corrective actions/recommendations for Sewer Works Ranadi to Goodwood site July-December 2024

No.	Site	Date Recorded	Description of Issue	Corrective Action	NCN/SI/NTC No.	Status	Date Closed
8	Sewer Works Ranadi Goodwood	30/09/2024	Absence of TMP on site. Inadequate barriers and traffic signages installed on site.	Provide updated TMP for current work site. Install proper barricades and traffic signages.	SI460	Closed	10/10/2024
9	Sewer Works Ranadi Goodwood	30/09/2024	No designated pedestrian passage for pedestrians is provided on site	Ensure a safe walkway is provided on site for pedestrians.	SI460	Closed	10/10/2024
10	Sewer Works Ranadi Goodwood	30/09/2024	Dust generated by passing vehicle.	Need to apply dust suppression measures to minimize level of dust on site.	SI460	Closed	10/10/2024
11	Sewer Works Ranadi Goodwood	10/10/2024	Absence of traffic and safety signages	Need to provide traffic and safety signages	SI0464	Closed	11/10/2024
12	Sewer Works Ranadi Goodwood	10/10/2024	Absence of spill tray for fuel site. Minor fuel spill observed at the Genset onsite.	Need to provide spill tray for fuel onsite	SI0464	Closed	11/10/2024
13	Sewer Works Ranadi Goodwood	10/10/2024	Absence of fire extinguisher on the Genset	Need to provide fire extinguisher on site	SI0464	Closed	11/10/2024

Environmental audit findings and corrective actions/recommendations for HNWS Service Reservoir sites July-December 2024

No.	Site	Date Recorded	Description of Issue	Corrective Action/s	NCN/NT C/SI No.	Due Date	Status	Date Closed
24	Tasahe	31/07/2024	Absence of waste bins on site. Wastes were dumped on the ground. Absence of waste disposal registry.	Ensure waste all generated wastes are collected in bins for disposal at Ranadi landfills site.	SI0451	15/08/2024	Closed	29/08/2024
25	Titige	01/08/2024	Access to the deep slope was removed. The safety barriers were not installed appropriately. Proper barriers need to be installed.	Need to block the access to the deep slope and also install proper barriers.	SI0454	31/08/2024	Closed	29/08/2024
26	Titige	01/08/2024	Concrete wastes not removed from the on-site batching plant area. Concrete dust is a hazard to the community residents and students from the nearby school.	Ensure all concrete waste are removed and disposed at the defined disposal location. Ensure no concrete wastes remain at the batching area after each concrete pouring.	SI0454	31/08/2024	Closed	29/08/2024
27	Titige	01/08/2024	Concrete wastes and empty cement bags observed on site.	Remove all concrete wastes and empty cement bags from the batching plant area and disposed it at Ranadi landfill.	SI0454	31/08/2024	Closed	29/08/2024
28	Titige	01/08/2024	Observed wastes were burned on site. Also, no proper garbage bins provided on site for temporary storage of solid and construction wastes. No records of	Provide separate bins for solid and construction wastes on site. Ensure regular disposal of wastes to Ranadi Landfill.	SI0454	31/08/2024	Closed	02/10/2024

			wastes disposed at Ranadi landfill.					
29	Titige	02/08/2024	No records of wastes disposed at Ranadi landfill.	Develop a registry to record volume and types of waste being disposed off site. Ensure burning of wastes is prohibited on site. Ensure all workers are aware of the waste management practices and requirements on site.	SI0454	31/08/2024	Closed	02/10/2024
30	Titige	01/08/2024	Construction wastes were haphazardly dumped on site along the fence line. Constructions waste and debris were also observed on the ground within the construction site.	Ensure waste storage and disposal is undertaken effectively on site. All construction waste must be collected, stockpiled at a designated area on site before disposed off site at Ranadi Landfill.	SI0454	31/08/2024	Closed	02/10/2024

31	Panatina	02/08/2024	Waste segregation is not practiced effectively on site. Solid and construction wastes were all stored in a bin. No designated storage area for construction waste is observed. Waste management on site is not carried out according to the Waste Management Plan in the approved CESMP.	Waste management on site need to comply to the requirements of the Waste Management Plan in the approved CESMP. Waste segregation must be practiced effectively on site. All bins must have labels. Wastes generated must be categorized or separated into non-hazardous and hazardous waste.	SI0455	31/08/2024	Open	
32	Titige	02/10/2024	Housekeeping-general and construction waste not collected and dispose regularly at Ranadi Landfill site.	Ensure housekeeping is carried out regularly on site.	SI0462	03/10/2024	Closed	
33	Titige	0/10/2024	Absence of waste registry/records.	Provide records of waste disposed at Ranadi landfill site.	SI0462	30/10/2024	Open	
34	Tasahe	03/10/2024	Workers not wearing safety glasses	Contractor need to provide safety glasses for workers.	SI0463	30/10/2024	Closed	03/10/2024
35	Tasahe	03/10/2024	Waste bins do not have labels	Bins need to be labelled	SI0463	30/10/2024	Closed	10/10/2024
36	Tasahe	03/10/2024	Housekeeping not undertaken regularly	Contractor need to carryout housekeeping regularly.	SI0463	30/10/2024	Ongoing	
37	Panatina	10/10/2024	Workers not wearing safety glasses	Ensure workers wear safety glasses. Provide clear safety eye glasses for workers.	SI0465	30/10/2024	Closed	10/10/2024
38	Panatina	10/10/2024	Absence of MSDS for Penetron on site	Provide MSDS at the chemical storage	SI0465	30/10/2024	Open	
39	Panatina	10/10/2024	Fuel containers not labelled	Ensure fuel containers are labelled	SI0465	30/10/2024	Closed	28/11/2024

40	Panatina	10/10/2024	No records of fire extinguisher or spill training	Provide records of fire extinguisher and spill kit training	SI0465	30/10/2024	Open	
41	Panatina	10/10/2024	Absence of toolbox meeting for W/s 7/10/24.	Need to provide records of toolbox meetings	SI0465	30/10/2024	Open	
42	Panatina	10/10/2024	Absence of waste disposal, incident and GRM registry on site	Ensure the required registry are available on site and updated.	SI0465	30/10/2024	Closed	11/12/2024
43	Tasahe	10/10/2024	Workers working at heights without safety harness.	Ensure all works at height must be stopped unless safety harness is provided.	SI0467	30/10/2024	Closed	11/10/2024
44	Tasahe	10/10/2024	Lack of safe access for workers and visitors around the tank site	Install safety access for workers and visitors around the site.	SI0467	30/10/2024	Open	
45	Panatina	28/11/2024	No separate storage for hazardous materials(fuel, oil, penetron)	Designate a separate storage area for hazardous materials.	SI0470	30/12/2024	Open	
46	Panatina	28/11/2024	Lack of regular disposal of waste. No records of waste disposed at the landfill	Ensure housekeeping and disposal of wastes are undertaken regularly.	SI0470	30/12/2024	Open	
47	Panatina	11/12/2024	The scaffolding standard and safety are poor. PEP said it is constructed according to the standard however the team spotted some key defects. There is no evidence of regular safety check system (eg. Logging in, logging out). However, PEP advised that they conduct safety checks daily. Below is some	SW team to review the standard requirements of scaffoldings and recommend required corrective actions related to the required standards, as well as related to the health and safety standards requirements.	SI0471	31/12/2024	Open	

			photo evidence of spotted defects.					
48	Panatina	11/12/2024	BMP, Provincial licence and consent not provided for material source and batching plant.	Need to provide copies of required licenses	SI0471	31/12/2024	Open	

Environmental audit findings and corrective actions/recommendations for HNWS Trunk Main sites July-December 2024

No.	Site	Date Recorded	Description of Issue	Corrective Action/s	NCN/NTC/SI No.	Status	Date Closed

16	White River to Townground Section	15/08/2024	Barriers and safety signage installed on site. Water barriers not filled with water.	Ensure all water barriers are filled with water.	SI0456	Closed	16/08/2024
17	White River to Townground Section	15/08/2024	Construction debris observed on site.	Ensure constructions wastes are collected regularly and disposed at Ranadi land fill site. Also ensure a waste bin for general wastes is provided on site.	SI0456	Closed	16/08/2024
20	Kongulai to White River Section	15/08/2024	Disposal of excess soil.	Ensure excess spoil are removed from the site after backfilling of the trenches. Soil erosion and sedimentation control measures must be in place on site as well.	SI0456	Closed	16/08/2024
18	East Kola to Kukum Section	15/08/2024	Workers working without PPEs (safety boots, Hi-vis vests, hard hats, hand gloves and safety glasses). Two (2) workers were wearing flip flops.	Ensure all workers comply with the PPE requirements when undertaking their tasks.	SI0457	Closed	16/08/2024
19	East Kola to Kukum Section	15/08/2024	Absence of traffic management plan (TMP) on site. No traffic	Ensure the approved TMP is implemented at all times when undertaking works on or along the road.	SI0457	Closed	16/08/2024

			controllers assigned to monitor vehicle movements on both ends of the road with 'GO & STOP' stick or with walkie talkie. Absence of appropriate signages (reduced lane), temporary speed restriction, and cones were observed.	Always ensure appropriate traffic signages, temporary speed restriction, and cones are installed on site.			
20	Panatina section(Tanakake)	30/09/2024	Contractor workers working without proper PPEs.	Ensure all workers comply with the PPE requirements when undertaking their tasks.	SI0461	Closed	01/09/2024
21	Kongulai to White River Section	11/10/2024	Open trench without barricades.	Ensure barricades is placed around the open trenches	SI0468	Closed	12/10/2024
22	Kongulai to White River Section	11/10/2024	Absence of GRM box and forms on site	Ensure GRM box or forms is available on site. Record any grievances from community relating to the current pipe breakage.	SI0468	Closed	12/10/2024
23	White River to Townground Section	19/11/2024	Workers working without required PPEs	Ensure all workers have the required PPE	SI0469	Closed	23/11/2024

24	White River to Townground Section	19/11/2024	Absence of barricades around open trenches	Ensure to install barricades around open trenches	SI0469	Closed	23/11/2024
25	White River to Townground Section	19/11/2024	Damaged barriers used as barricades	Remove all damaged barriers from the site.	SI0469	Closed	23/11/2024
26	White River to Townground Section	19/11/2024	Excess spoils stored on site.	Remove all excess spoils	SI0469	Closed	23/11/2024
27	East Kola to Kukum	11/12/2024	Empty Water Filled Barriers left on the roadside in slanted position. This can obstruct traffic if there is a slip or slide.	Ensure the barricade/ equipment is removed immediately upon completion of the works. Broken barriers to be checked by PEP H&S Officers and replaced with better quality ones.		Closed	31/12/2024
28	East Kola to Kukum	11/12/2024	Fire Hydrants constructed at the centre of the road. It increases the risk of damage to the hydrant and the servicing water mains from traffic movements. Also, road may become inaccessible	The location of fire hydrant at East Kola will need further clarification. Such design is neither safe nor sustainable in the long term.		Open	

			during emergency situations.				
29	East Kola to Kukum	11/12/2024	Tar sealed road not reinstated. Likely increase in dust concentration in residential areas, inconvenience to traffic and sedimentation runoffs from road degradation.	As per CESMP Traffic Management Plan (J0271-SMP-001), contractor MUST complete all permanent reinstatement works on footpaths and roads as soon as possible to prevent further road degradation, minimize environmental impacts and public inconvenience.		Open	
30	East Kola to Kukum	11/12/2024	Area not properly secured; barricades missing, absence of proper signages (e.g. "OPEN TRENCH AHEAD, DRIVE SLOW"). This poses further risk to public safety especially children who will use this section as crossing to	Area needs to be fully secured i.e. barricades need to be IMMEDIATELY reinstated to keep community away from the work area. Cover sharp ends of steel rods or isolate risk by relocating metal structure to safer location		Closed	31/12/2024

			Florence Young School and Mbua Valley School.				
31	East Kola to Kukum	11/12/2024	Absence of traffic signage's, speed limits and reflective materials placed on the barricade to help pedestrians and motorists identify the open trench. This poses risks to vehicles driving at night.	Place appropriate road signs on all active work sites.		Closed	31/12/2024
32	East Kola to Kukum	11/12/2024	Waterfilled barriers knocked over obstructing drainage, like blocking flow of stormwater also posing further risk to public safety.	Ensure all barriers are removed from the drainage. The barriers should be filled with water.		Closed	31/12/2024
33	East Kola to Kukum	11/12/2024	Sharp ends of steel rods protruding from the ground and positioned too close public access.	This is a hazard to the public especially students who will be using the road daily.		Closed	31/12/2024

34	East Kola to Kukum	11/12/2024	Untidy work area, boxes and pipe placed on uneven surfaces, waste timbers laying around construction site, excess soil from excavation not properly cased and disposed to control erosion. A poor reflection of keeping work area neat and tidy and compliance with good environmental practice.	Always keep the site clear and tidy. All construction wastes to be disposed at designated landfill		Closed	31/12/2024
35	East Kola to Kukum	11/12/2024	Signage positioned in wrong place, occupying public space and misleading general public.	Remove all signages and stored at the trunk main laydown area		Closed	31/12/2024
36	East Kola to Kukum	11/12/2024	Portable loo open for misuse and water filled barriers vandalized and knocked over posing health and safety risk to	As per CESMP Section 5.1.1, site manager to ensure portable toilet is immediately transferred back to PEP Campsite if work is halted in this area. Also, all septic wastes		Closed	31/12/2024

			the general public.	must be safely disposed at Honiara City Council (HCC) Ranadi landfill.			
37	East Kola to Kukum	11/12/2024	Trench Shield occupying public space. Excavated soil not being disposed.	Need to place caution tape around the trench shield. Remove from the site if it is not used		Closed	31/12/2024
38	East Kola to Kukum	11/12/2024	Open pit uncovered for prolonged period, no proper barriers, excavation material not cased and potential for soil to erode to nearby drainage system during heavy rainfall.	Install Silt fence/traps to control erosion and sedimentation runoff of excavation and earthworks to drainage system. Keep holes and excavations covered/protected.		Closed	31/12/2024

Appendix 2: Compliance with safeguard-related project covenants


No	Covenant	Reference	Due Date	Compliance status at 31 st December 2024
1	Procurement The Recipient shall not award any Works contract for a Subproject which involves environmental impacts until SW has: (a) obtained the final approval of the IEE from the relevant environment authority of the Borrower; and (b) incorporated the relevant provisions from the EMP into the Works contract.	Schedule 4.3	During implementation	Complying with
2	The Borrower shall not award any Works contract involving involuntary resettlement impacts for a Subproject until the Borrower has prepared and submitted to ADB the final RP for such Subproject based on the Subproject's detailed design, and obtained ADB's clearance of such RP.	Schedule 4.4	During implementation	Complying with
4	Environment The Recipient shall ensure and cause SPA to ensure that the preparation, design, construction, implementation, operation and decommissioning of each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health, and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the respective IEE and EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Schedule 4.5	During implementation	Complying with
5	Land Acquisition and Involuntary Resettlement The Borrower shall ensure or cause SW to ensure that all land and all rights-of-way required for each Subproject and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; (c) the RF; and (d) all measures and requirements set forth in the respective RP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report	Schedule 4.6	During implementation	Complying with


6	Without limiting the application of the Involuntary Resettlement Safeguards, the RF or the RP, the Borrower shall ensure or cause SW to ensure that no physical or economic displacement takes place in connection with the Subprojects until: (a) compensation and other entitlements have been provided to affected people in accordance with the RP; and (b) a comprehensive income and livelihood restoration program have been established in accordance with the RP.	Schedule 4.7	During implementation	Complying with
7	<u>Indigenous Peoples</u> The Borrower shall ensure and shall cause SW to ensure that the Project does not have any environmental, indigenous peoples or involuntary resettlement impacts, all within the meaning of ADB's Safeguard Policy Statement (2009). In the event that the Project does have any such impact, the Borrower shall take and shall cause SW to take all steps required to ensure that the Project complies with the applicable laws and regulations of the Borrower and with ADB's Safeguard Policy Statement	Schedule 4.8	During implementation	Complying with
8	<u>Human and Financial Resources to Implement Safeguards Requirements</u> The Borrower shall make available and cause SW to make available necessary budgetary and human resources to fully implement each EMP and RP.	Schedule 4.9	During implementation	Complied with
9	<u>Safeguards-Related Provisions in Bidding Documents and Works Contracts</u> The Borrower shall ensure or cause SW to ensure that all bidding documents and contracts for Works contain provisions that require contractors to: (a) comply with the measures and requirements relevant to the contractor set forth in each IEE, EMP, and RP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set out in a Safeguards Monitoring Report; (d) make available a budget for all such environmental and social measures; (c) provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in any IEE, EMP, or RP; (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and € fully reinstate pathways, other local infrastructure, and	Schedule 4.10	During implementation	Complying with

	agricultural land to at least their pre-project condition upon the completion of construction.			
10	<u>Safeguards Monitoring and Reporting</u> The Borrower shall do the following or shall cause SW to do the following: (a) submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; (b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in any IEE, EMP or RP, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and (c) report any actual or potential breach of compliance with the measure and requirements set forth in any EMP or RP promptly after becoming aware of the breach.	Schedule 4.11	During implementation	Complying with
11	<u>Prohibited List of Investments</u> The Borrower shall ensure or cause SW to ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Schedule 4.12	During implementation	Complying with
12	<u>Labor Standards, Health and Safety</u> The Borrower shall ensure or cause SW to ensure that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include or shall cause SW to include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring tha the contractors, among other things: (a) comply with the Borrower's applicable labour law and regulations and incorporate applicable workplace occupational safety norms; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; (e) allow freedom of association and effectively recognize the right to collective bargaining; and (f) disseminate, or engage appropriate service providers to disseminate, information on the risks of sexually transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project area, particularly women.	Schedule 4.13	During implementation	Complying with


13	<u>Monitoring Labor Standards, Health & Safety</u> The Borrower shall strictly monitor compliance with the requirements set forth in paragraph 12 above and provide ADB with regular reports.	Schedule 4.14	During implementation	Complying with
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Appendix 3: Workplace Health and Safety (WHS) Corrective Action Report – Titinge Reservoir

	PEP Corrective Action Report SW0662021– HONIARA WATER RESERVOIRS STORAGE PROJECT	Date of Inspection: 06-08-2024 Location: Titinge
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Photos	Corrective Action	Remarks
	<ul style="list-style-type: none"> The plastic conduit shield (Using Insulation) has been installed for power lines at Titinge reservoir batching plant as well 	Completion date 22-08-2024

		Completion date 22-08-2024
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	<ul style="list-style-type: none">• The orange para safety mesh has been installed both side of walking truck at Titinge reservoir as well	Completion date 05-09-2024
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		Completion date 05-09-2024
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Prepared by:		Reviewed by:	
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