

**Semi-Annual Safeguards Monitoring Report  
January – June 2024**

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# **Solomon Islands: Urban Water Supply and Sanitation Sector Project**

## **Semi-Annual Safeguards Monitoring Report January – June 2024**

**Safeguards Team  
Project Management Unit  
Solomon Water  
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 January to June 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 final draft of the Honiara Water Main Replacement Subproject was submitted to donors for review and approval on 11<sup>th</sup> June 2024. Comments from donors have been received and edits will be completed to finalize the document in Q3/Q4 2024.

The proposal application for Auki project have been finalized and submitted to MECDM on 13<sup>th</sup> June 2024. A response from MECDM is expected to be received in Q3/Q4 2024.

Monitoring of current UWSSSP phase 1 projects is ongoing during this reporting period. Non-compliances were identified and communicated to contractors via site inspections report and site instructions.

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 4<sup>th</sup> April 2024.

There have been no grievances registered during this reporting period, and all past grievances were resolved in the last 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)<sup>1</sup> 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.<sup>2</sup> 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%).<sup>3</sup> 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

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

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

<sup>3</sup> 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 January to June 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 is scheduled to start in Q3 2024, but first land access agreements and UXO clearance is needed.

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 30<sup>th</sup> June 2024.

**Table 1: Engagement of International Specialists**

Role	Contract Started	% of Time Used to 30 <sup>th</sup> June 2024
International Environmental Specialist	Q4 2019	~75 %
International Water, Sanitation and Hygiene (WASH)	Q4 2019	~100
International Communication Specialist	Q4 2019	~100%
International Social Safeguards and Gender Specialist	Q2 2020	~75%
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 8<sup>th</sup> 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 20,648m<sup>2</sup> of land would be impacted by the project. Of this land, 15,706m<sup>2</sup> 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 last year. 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 delayed awaiting approval for more hydrogeological investigations at Mile 6 lake and other surface water sources.

The Noro Water Supply Project and Munda Water Supply Project DC applications were also approved by MECDM. There were no written objections received from any individual or organisation during the 30 days' appeal period in this reporting period.

25. 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.

26. UWSSSP Phase 2 PERs, Honiara Water Pipeline Rehabilitation and Honiara Water Pipeline Expansion PERs, have been reviewed. SW submitted a list of comments and recommendations to SMEC to revise and improve the quality of the PERs. The updated version of the Rehabilitation PER was received on 29<sup>th</sup> May 2024 from SMEC. The final draft was submitted to donors for review and approval on 11<sup>th</sup> June 2024. Comments from donors have been received and edits will be completed to finalize the document in Q3 2024.

27. Auki Water Network Expansion subproject proposal application (PA) has been received. The PA has been finalized and submitted to MECDM on 13<sup>th</sup> June 2024. MECDM will review the PA to determine the type of instrument to be prepared for the Auki subproject. A response from MECDM is expected to be received in Q3 2024.

28. 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 30<sup>th</sup> June 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.
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.
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.
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 received on 3/05/23.	Not yet due (no construction)	Preconstruction phase
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

### **3.2. Construction environmental and social management plans (CESMPs)**

29. All CESMPs for current Phase 1 projects have been approved by SW.
30. Review and updating of the Noro CESMP based on ADB's comments is expected to be finalized in the next reporting period.

### **3.3. Environmental Monitoring and Inspections**

31. 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 continued at Panatina, Tasahe and Titige reservoirs including form works for tank walling in this reporting period.

32. Two (2) environmental audits were conducted during this reporting period at Ranadi to Goodwood site during night works. A number of issues on submissions of JSEA and risks associated with working night shifts were identified and the contractor has since rectified and addressed the issues raised.

33. In addition, two (2) joint site inspections with WB/ADB safeguard specialists were conducted on 8<sup>th</sup> February 2024 and 6<sup>th</sup> May 2024 at the HNWS reservoir and trunk main 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 are provided in Appendix 1.

34. Issues identified were communicated to the contractor via site inspection reports and instructions for rectification. Key issues observed on site were:

- Poor implementation of traffic management plan. No traffic signages installed when undertaking works along the road;
- Absence of safety barricades and signage;
- Poor management of general wastes and construction wastes. Waste segregation not practised effectively;
- Non-compliance with PPE requirements. Workers undertaking night works without hi-vis PPEs, and;
- Inadequate lighting provided when undertaking night works.

There were no stop work notices issued by relevant SW PM during this reporting period. 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**

35. 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

36. Review and updating of the IEEs is ongoing by SMEC 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.

37. The draft proposal application for Auki Water Network Expansion was completed and finalized. The PA was submitted to MECDM on 13th June 2024 for review.

38. The Phase 2 IEE/PERs are expected to be completed and finalized in Q4 2024.

39. 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 30th June 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 <sup>th</sup> June 2024 for review and approval. This document is now being updated to address donor's comments. Donor no objection expected in next reporting period.
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

### 3.5 Workers' Health and safety

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

- Workers not complying with PPE requirements. No PPEs issued to subcontracting staff by PEP.
- Lack of documentation of JSA. Some JSA were not updated and signed by all workers on site.

41. The issues were communicated to PEP via site instructions and inspections 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.

42. On May 16, a PEP engineer on the Ranadi Road to Goodwood Outfall project was assaulted on site by some drunkards. A dumpy level was stolen. The incident was immediately reported to Police and an incident report submitted. Site security was engaged for the night shift works going forward and the dumpy level has since been returned. The culprits have also been warned to not disturb the operations.

### 3.6 Training

43. In June, ADB facilitated a 2.5-day advanced environmental safeguard training (AEST) course for PMU representatives (safeguard specialists/staff, project managers, procurement officers) from MECDM, MID, SW and Solomon Power. The primary focus of the course was on effective implementation of projects, ESM requirements during pre-construction and construction stages including:

- role of the IA/PMU ESM specialist: integration of ESM requirements into bid and contract documents;
- use of risk assessment; development and/or review of the contractor's construction ESM plan (CESMP);
- communications and information disclosure;
- Health and safety; monitoring, audits and inspections; and reporting.

The training was delivered by [REDACTED] (ADB Consultant) and [REDACTED] (Senior Safeguards Officer).

## 4. SOCIAL SAFEGUARDS MONITORING

### 4.1. Status of Implementation of LARPs

45. A summary of the status of the various LARPs and DDRs is in **Table 5**, showing some activities continuing from the previous reporting period. 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. This included conducting visits to construction sites, reviewing the contractor's monthly monitoring reports, supporting contractors in their consultation requirements and assisting in resolution of grievances. The only subproject which has been completed and is now in operation is the Auki Water Supply Improvement project.

46. The summary of the status of the different subproject LARPs for both Phase 1 and Phase 2 is shown below in **Table 5**. 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. These determinations will be made after the detailed designs are completed showing the pipeline alignment.

**Table 4: Status of LARPs / DDRs for UWSSSP subprojects as at 30<sup>th</sup> June 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 <sup>th</sup> April 2021) and implemented.	No outstanding resettlement to be resolved. No construction work. The contract awarded to REAN-PCS Joint Venture started on 5 <sup>th</sup> May 2022, and was supposed to be completed by 29 <sup>th</sup> June 2023. SW has gave notice of termination because of repeated breaches of contract, poor quality of work, and little progress made.
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.
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 Townground section, and KGV1 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.
6	Noro	LARP B	Yes. LARP has been sent to donors for a second review.	On 4 <sup>th</sup> December 2023 the Acquisition Officer of CoL made his determination of rightful land owners, However, SW has not been able to sign an MOU with trustees, because there has been

	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
				an appeal by some [REDACTED] representatives to the Courts.,. SW cannot therefore, survey or register the area of interest in the names of the LO representatives until the court decision.. SW is hopeful that the revised LARP will be approved by DPs early in the next reporting period.
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 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



	UWSSSP Subprojects	Safeguard Documents – IR Category	LARP / DDR Prepared	Status of subproject implementation Remarks
				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 <sup>th</sup> April 2024. Aim is to incorporate the remaining relevant easement agreements with LO in Q3 2024.
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.

	<b>UWSSSP Subprojects</b>	<b>Safeguard Documents – IR Category</b>	<b>LARP / DDR Prepared</b>	<b>Status of subproject implementation Remarks</b>
<b>11</b>	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.
<b>12</b>	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.
<b>13</b>	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.
<b>14</b>	Ministry of Fisheries - Kukum Road	DDR (LARP not required)	Yes. DDR completed	Construction underway by McConnell Dowell.
<b>15</b>	Honiara Watershed Management Project	DDR	Yes. DDR approved.	
<b>UWSSSP (Phase 2) Subprojects delivered by SMEC</b>				
<b>16</b>	Auki Water Network Expansion	LARP B	No.	Not yet developed
<b>17</b>	Honiara Water Pipeline Rehabilitation	LARP B	No	Not yet developed
<b>18</b>	Honiara Wastewater Pipeline Rehabilitation	LARP B	No	Not yet developed

	<b>UWSSSP Subprojects</b>	<b>Safeguard Documents – IR Category</b>	<b>LARP / DDR Prepared</b>	<b>Status of subproject implementation Remarks</b>
<b>19</b>	Honiara Water Network	LARP B	No	Not yet developed

## 4.2 Honiara Water Supply (HNWS)

47. 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.

48. **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 m<sup>2</sup>). 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 has been carried out in November 2022, awaiting final confirmation of final 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.

49. **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. Work ceased on site on 13<sup>th</sup> December 2023, pending legal action to resolve the matter. Discussions around this are on-going.

50. **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.

51. **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 site during the reporting period. Consultations with communities were held before construction began and works are underway.

### 4.3 Honiara Wastewater Project (HNWW) LARP

52. 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 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.

53. 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 6<sup>th</sup> September 2022. 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. Works are continuing.

54. **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.

55. 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 (320m<sup>2</sup>), 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 Q3 2024.
- **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. This will be followed up in Q3 2024.

56. **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 Q3 2024.
- **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 28<sup>th</sup> 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). Therefore, SW is awaiting the determination of the court before proceeding further. There has been no feedback from COL during the reporting period.

#### 4.4 Provincial water supplies

57. **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 consideration, and the project is currently on hold.

58. **Noro Water Supply:** The Noro LARP is still awaiting a signed MOU with the respective trustees for the lands where the Noro Water Supply Upgrade works will take place. 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. The AO made his determination on 4<sup>th</sup> December 2024, However, the a sub group of [REDACTED] LOs claimed separate rights apart from the main group, who have objected to this, , and took an appeal to court. At the end of the appeal period 11 appeals were received. The appellants are [REDACTED], and [REDACTED]. The first hearing took place in May 2024. The second hearing dates are yet to be fixed pending appointment of a new magistrate to oversee the case.

59. Aside from the appeals from around December 2023 there is an application for a restraining order from the High Court by ANT Legal Services representing the [REDACTED] group. Unfortunately, the High Court set the hearing for 17 January 2024 so the activity they sought to restrain was finalised in 4<sup>th</sup> December 2023. The restraining order sought was to I) restrain SW from signing any agreement with COL and AO pending

the outcome of any appeal against the determination of 4<sup>th</sup> December 2023, ii) restrain SW from making any payments to the determined landowners from 4<sup>th</sup> December 2023 and iii) require SW to give a copy of any MOU signed between CoL, LAO and the newly determined land owners.

60. After the appeals were lodged 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 are not in the newly determined land owners. It was hoped SW could then sign an MOU with the landowners' trustees with the intention of allowing the development (proposed WS upgrade works) to proceed. However, with the appeals and application to high court for orders, support from all parties for the project is sought. 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 are 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.

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

62. **Munda Water Supply:** Suez developed a draft LARP and the majority of the design for Munda subproject after consultations were conducted with customary and registered land owners who all supported the project, citing the need for water in Munda. 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 has 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.

63. SW developed a draft MOU with the [REDACTED] family whom they met in Honiara on 21<sup>st</sup> November 2022. There has not yet been any response to SW regarding the draft MOU. SW will need to first investigate the feasibility of another site, Polovesu, proposed by the [REDACTED] family, but it is unlikely that SW will agree to that, as detailed design work has already been completed for the original site.

64. 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 Dundee 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 Dundee area and situated on customary land. With SW priorities focused on Honiara infrastructure and other areas, progress on the Munda LARP has been slow.

65. **Gizo Water Supply:** Detailed design works on the pipelines have been completed. 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 is opting for 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 re-testing of the boreholes to verify whether the investment for Gizo will proceed or not. SW does not want to pursue any negotiations with APs until after the next borehole investigation work is done, to prove if the bores are viable.

66. 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 30 <sup>th</sup> June2024	Comments
<b>HNWW – Western Section LARP (Point Cruz to NRH)</b>				
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 Q3 2024.
SSEC	Pipelines	MOU for easement access.	Completed. Signed 4 <sup>th</sup> 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	Ongoing	Anticipated MOU signing in Q1 of 2024. All clauses within the MOU, including compensation figures have been agreed with by both parties. MOU was finally signed on 28 <sup>th</sup> 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 2024.
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	Trustee's wants escrow account clause removed from MOU. However, SW cannot agree to that since the land in question (after the shoreline) is being contested in court – to confirm whether it is legally owned by COL. Court decision still pending. No feedback from CO in this reporting period.

Names of Affected Parties	Type	Requirement for LARP	Status as of 30 <sup>th</sup> June2024	Comments
<b>HNWW – Eastern Section LARP (Bahai to Ranadi)</b>				
MID	Pipelines (Bahai-Ministry of Fisheries area)	MOU for easement access	Not yet	Anticipated MOU draft by SW will be signed in Q3 2024.
KCM	NAHA PS	FTE Payment for required land size (land acquisition)	Ongoing	SW has been following MOL progress on resumption of the land. Anticipated resumption to be completed by MOL in late 2024.
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 not been successful. SW will hand over the issue to MOL for their assistance. SW in the meantime have liaised with Douglas Logistics which is the neighbouring property to see if they would accept SW's proposal to put pipes along their boundary. No response yet.
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 not yet signed the MOU because they would like to see the new detailed design drawing, including pipeline alignment, along the eastern boundary of GPPOL property. SW will engage SMEC to carry out the design work. Anticipating signing of the MOU in Q3 in 2024.
<b>Provincial Water Supply – Munda LARP</b>				
██████, 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 but they requested to meet with SW to discuss compensation rates. Meeting in 2023 did not eventuate. SW is anticipating a meeting with the family in Q3 of 2024
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.

Names of Affected Parties	Type	Requirement for LARP	Status as of 30 <sup>th</sup> June2024	Comments
<b>Provincial Water Supply - Noro LARP</b>				
Ziata Tribal Owners (Kazakuru)	Upgrade of existing Infrastructure	Supporting letter from newly appointed trustees for the project to proceed	Ongoing	<p>The MOL initiated an acquisition process within the reporting period, for the 3 plots of land where the proposed upgrade works will be undertaken. A determination of the rightful landowners was released in early December 2023 and an MOU signed. It was hoped this would allow for a conditional No Objection from DPs.</p> <p>However, SW must wait until the 3 months Appeals process is completed before going further. One appeal has been received from sub group of ■■■ LOs claiming separate rights (apart from the main group), who have objected to this and appealed the COL decision. Although, SW has signed an MOU with the LOs, it seems that no construction works can proceed until the appeal process is completed.</p>
<b>Provincial Water Supply - GIZO LARP</b>				
Western Provincial Government (WPG)	Pipelines	MOU for easement access	Not yet	<p>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.</p>
■■■ & WPG	Reservoir	MOU for land acquisition	Complete	MOU executed in Q2 2023

#### 4.5 Outstanding Resettlement Activities

67. 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 vacant 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 three 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.

68. 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.

69. **Matters of significant importance:** There are no matters of significant importance raised in the last six months, apart from the construction delays outlined facing the project. The PMU's legal officer has been providing legal advice to the safeguards team on issues relating to pending easement access and land acquisitions and also ensuring that terms of MOUs with the land title holders meet the legal requirements of SI. All necessary actions are now discussed internally within the PMU safeguards and lands team (in consultation with international environmental and social safeguards consultants) to ensure that the LARPs satisfy both the development partners and the national requirements. Although the SUEZ contract has ended, the safeguards team will continue to meet regularly to track progress and find solutions to obstacles. The resignation of the national Social Safeguards consultant, [REDACTED] has left a gap in the team, which urgently needs filling.

## **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.<sup>4</sup>

### **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.

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<sup>4</sup> 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**

<b>Date</b>	<b>Awareness Type/Project</b>	<b>Community</b>	<b>SW Action</b>	<b>Key Contacts</b>	<b>Facilitator</b>	<b>SW Team</b>	<b>Participants</b>	<b>Key Message</b>
11-Jan-24	Reservoir - Tasahe	Tasahe A	Provide Oversight	PEP	PEP Staff	PMU	Male - 6 Female - 11	1. Inform the affected residents that there will be a concrete pouring for the new reservoir on Sunday, 14 & 28 of January 2024 at 5am till 11pm. 2. Safety of community 3. Cooperation from community is needed
12-Jan-24	Trunk Mains - East Kola to Vura Roundabout	East Kola to Kukum Highway	Provide Oversight	PEP	PEP Staff		Male - 9 Female - 9 1. FYCS 2. Kukum SSEC Church 3. Kukum SSEC Kindy 4. Shops	To inform all affected school, shops, and residents at Kukum area that construction for the trunk mains (pipelines) will commence soon.
16 & 17 Jan	Trunk Mains - White River to IBS, Townground	White River - Tropics Apartment	Provide Oversight	PEP	PEP Staff		Male - 9 Female - 5	Inform the affected residents, business companies and bus drivers that work for trunk mains (pipelines) will commence soon along the end of the left carriageway (Road) from White River 01 bus stop going eastward to Tropics Apartment.

Date	Awareness Type/Project	Community	SW Action	Key Contacts	Facilitator	SW Team	Participants	Key Message
18 & 19 Jan 24	Ranadi to Goodwood Outfall Project	Telekom to Solrice, Ranadi	Assist with door to door consultation	Businesses along work area	SW Staff and PEP Staff		Male - 12 Female - 12	To inform the affected stakeholders and residences that work for construction of sewer mains (pipelines) will commence on Monday, 22nd of January 2024.
22-Jan-24	Trunk Mains - Capital Park	Capital Park	Provide Oversight	Businesses at Capital Park	PEP Staff		Male: 11 Female: 3	To inform all affected stakeholders and school along the capital park area to the east end of sports park that construction of trunk mains (pipelines) will commence soon.
24-Jan-24	Trunk Mains - KGVI	KGVI School	Assist with consultation	KGVI School	SW Staff and PEP Staff		Male: 11 Female: 11	To inform the staff and students at KGVI school that construction of trunk mains (pipeline) will commence soon and that the works will temporarily affect pedestrian routes.
25-Jan-24	Trunk Mains - Kongulai to White River	Kongulai	Assist with consultation		SW Staff and PEP Staff		Male: 12 Female: 7	To inform Kongulai landowners that construction of trunk mains (pipelines) alignment will be beside the graveyard and that it will not affect the graveyard.
31-Jan-24	Trunk Mains - East Kola to Vura Roundabout	Florence Young Christian School	Assist with consultation	Florence Young Christian School	SW Staff and PEP Staff		Male: 13 Female: 14	To inform the staff and students at Florence Young school that construction of trunk mains (pipeline) will commence soon and will affect students' and parents' access to the school.



Date	Awareness Type/Project	Community	SW Action	Key Contacts	Facilitator	SW Team	Participants	Key Message
09-Feb-24	Notice Issue	Ranadi	Send email to affected business' via email		SW			Letting business houses know of the works that will happen on Sunday 11 Feb. Indefinite closure of water mains to allow PEP to lay sewer pipes
12-Feb-24	Informal Meeting with [REDACTED]	Kongulai	Informal meeting (follow up)		SW	[REDACTED]	[REDACTED]	The follow up was to get feedback after consultation held on 25 Jan 24. The response was: 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 are hired to do the manual trenching from the first crossing to the second crossing 4. Smoking of a pig must be done before works start (cultural practice)
15-Feb-24	Door to Door	Ranadi	Assist with consultation		SW & PEP	[REDACTED]	SI Cement to Auto Master Parts	Excavation of 800mm wide trenches for the laying of sewer pipes

Date	Awareness Type/Project	Community	SW Action	Key Contacts	Facilitator	SW Team	Participants	Key Message
22-Mar-24	Consultation - Kongulai to WR Trunk Mains	Kongulai	Assist with consultation	[REDACTED]	PEP	[REDACTED]	Male: 8 Female: 8	The consultation was: - To hear whether the landowners will allow machines to pass through the first 120m of work area. - To know what is expected to be done before works commence - smoking of pig - To confirm that the community request for manually do trenching in the first 120m and that community members are to do the manual work.
03-May-24	Trunk Mains	Capital Park	Provide Oversight		PEP		Male: 9 Female: 4	Works update notice
03-May-24	Trunk Mains	East Kola to Kukum Highway	Provide Oversight		PEP		Male: 6 Female: 7	Works update notice
04-May-24	Trunk Mains	White River	Provide Oversight		PEP		Male: 2 Female: 5	Inform people/community of road crossing works
16-May-24	Face to Face	Ziata landowners - 3 Family Reps	Conduct consultation	Landowners	SW		Male: 12 Female: 2	Update landowners of the Noro Water Supply Upgrade Project
25-May-24	Trunk Mains	East Kola to Kukum Highway	Provide Oversight		PEP		Male: 9 Female: 4	Works update notice
30-May-24	Face to Face	Kwaibala Landowners and Church leaders	Conduct consultation	Auki SW Office	SW	[REDACTED]	Male: 14 Female: 6	Inform landowners and church leaders of proposed borehole drilling and testing

Date	Awareness Type/Project	Community	SW Action	Key Contacts	Facilitator	SW Team	Participants	Key Message
07-Jun-24	Site Visit	Ziata Landowners	Conduct site visit		SW			Show the landowners the working area for the Noro upgrade project - 3 sites visited were the Ziata source (intake), Treatment plant site and reservoir

## **6.2. Planned Consultation Activities for June-December 2024**

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 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 July to December 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. ADB are currently reviewing the GAP monitoring template and indicators to streamline reporting for the Additional Financing phase.

76. As reported in the Environment Safeguards section, (3.6) ADB also provided training to SW staff and government partners. ADB facilitated a 2.5-day advanced environmental safeguard training (AEST) course for PMU representatives (safeguard specialists/staff, project managers, procurement officers) from MECDM, MID, SW and SP. The primary focus of the course was on effective implementation of projects,

## **7. GRIEVANCE REDRESS MECHANISM (GRM)**

77. SW has 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 has been taken to ensure confidentiality for those making complaints. The focal point of contact for the GRM is the 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 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 has 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.

81. During this reporting period, no further grievances were raised beyond the one reported in the last SMR, and shown in table 8 below. This is still being addressed by PMU.

<b>GRIEVANCE REPORT</b>				
<b>Officer receiving grievance &amp; date</b>	<b>Project</b>	<b>Description of grievance</b>	<b>Responsible Team</b>	<b>Status</b>
Consultation team – PEP & SW  25 Jan 2024	Kongulai to White River Trunk Mains works	<p>Works along the gravesite must be done as per requests below:</p> <ol style="list-style-type: none"> <li>1. Excavation can only be done from the pump station to the first crossing</li> <li>2. No machine is allowed after the first crossing; thus all works will be done manually</li> <li>3. Community members must be hired to do the manual trenching from the first crossing to the second crossing</li> <li>4. A cultural ceremony (smoking of a pig) must be done before works can state. (A common cultural practice on Guadalcanal).</li> </ol>	PEP	Ongoing



## **7.1. Gender Action Plan (GAP) Implementation**

82. GAP monitoring reports are now being produced quarterly. 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.

83. 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.

84. As the project is in a process of developing an Additional Financing Agreement (2), the SW gender consultant, in consultation with the ADB Gender Officer, is reviewing 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.

85. In relation to the GAP monitoring template, it is hoped this can be improved at the same time, since because it is presented as one huge table, rather than a more conventional report, the structure is not easy to either write or follow. A Table of Contents, and Executive Summary of main point would aid comprehension. Currently, nesting tables within tables (as suggested by ADB advisors), splitting sub-tables across multiple pages and having large slabs of text embedded within the overall table, make it quite hard to follow. It would also help to have column titles repeated at the top of every page. During the next quarter, more work will go into confirming the revised activities and targets, as well as polishing the format to make the information more accessible, and to weed out repetition.

## **8. SUMMARY AND CONCLUSIONS**

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

87. **Environmental safeguards:**

- ADB facilitated a well received 2.5-day advanced environmental safeguard training (AEST) course for PMU representatives (safeguard specialists/staff, project managers, procurement officers) from MECDM, MID, SW and SP. The primary focus of the course was on effective implementation of projects ESM requirements during pre-construction and construction stages.

- Two (2) joint audits with WB Specialists conducted at the Honiara Network Water Supply Service reservoirs and trunk main project sites.
- A database has been established for all subprojects to track and monitor implementation of corrective actions issued to contractors.
- SMEC have completed the draft IEE/PER for UWSSSP Phase 2 Honiara Water Supply Rehabilitation Projects. The final draft of the IEE/PER has been submitted to ADB/WB on 11<sup>th</sup> June 2024. The IEE/PER is expected to be completed and submitted to ABD/WB for no objection in Q4 2024.
- PEP is struggling to implement its CESMP requirements at its project sites. Their environmental monitoring and performance is very poor. This is indicated by repeated observation and records of non-compliances at their construction sites. PEP does not seem to make any efforts to improve environmental management at their sites.
- PEP's Environmental Officer and National Safeguard Specialist have both resigned in this reporting period. There is no formal response from PEP regarding their replacements to date.

#### 88. **Social safeguards:**

- 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. Most of the HNWW and provincial water supply LARPS are awaiting the signing of MOUs to finalise agreements with landowners
- Completion of LARPs and submission/approval of development partners still outstanding for Noro, 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 leaves a hole in the team, and a priority is to finalise the ToR and schedule recruitment of a replacement for [REDACTED], who left SW in October 2023.
- Work in establishing and operating Community Advisory Committees for HNWS needs to continue particularly for HNSW.
- 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.
- 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, female headed households). A work plan is to be developed for implementation of surveys.
- 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 2024, 2025, 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 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

No.	Site	Date Recorded	Description of Issue	Corrective Action/s	NCN No.	Status	Date Closed
1	Sewer Works Ranadi Goodwood	26/03/2024	Non-compliance to PPE requirements. Workers working without reflective Hi-Vis PPE at night time	Ensure that all workers are provided with all required PPEs (Hi-Vis), and they are utilized at all time during operation hours.		Closed	27/03/2024
2	Sewer Works Ranadi Goodwood	26/03/2024	Absence of traffic and safety signage at both end of the SI Cement road.	Place traffic and safety signages at both end of the SI cement road		Closed	27/03/2024
3	Sewer Works Ranadi Goodwood	26/03/2024	JSA not revised and updated for night works and signed by all staffs.	Ensure the JSA for night works is updated and signed off by current workers on site.		Closed	27/03/2024
4	Sewer Works Ranadi Goodwood	27/03/2024	Inadequate lighting at the work site.	Need to provide more lightings at the construction site at SI Cement road.		Closed	28/03/2024

### Environmental audit findings and corrective actions/recommendations for HNWS Service Reservoir sites

No.	Site	Date Recorded	Description of Issue	Corrective Action/s	NCN No.	Status	Date Closed
1	Tasahe	08/02/2024	Contractor disposed excess cement on the road side	Need to remove all washed cement from the road side. Contractor need to identify a disposal site for excess cement after concrete pouring.		Closed	12/02/2024
2	Tasahe	08/02/2024	Barricades with no entry sign is absent at the working area (outside of the reservoir fencing). Construction debris are temporarily piled at the site.	Barricades or safety tapes with access restriction sign should be installed. Nearby houses have children who could pose hazards if they access the area. Safety tapes or barricades should be installed.		Closed	26/03/2024
3	Tasahe	08/02/2024	Construction debris are temporarily piled at the site. The piled construction debris have pointed nails which are hazardous to outsiders/visitors when accessing the site.	Remove the construction debris from site and stored at the laydown area.		Closed	28/03/2024
4	Tasahe	08/02/2024	Non-compliance to PPE requirements. Workers do not wear hand gloves.	Ensure that all workers are provided with all required PPEs, and they are utilized at all time during operation hours.		Closed	26/03/2024
5	Tasahe	08/02/2024	Exposed wire and plug without shelter. Risk of electric hazards is observed especially on rainy days.	Keep the electrical parts in proper shelter.		Closed	15/03/2024

6	Tasahe	08/02/2024	Part of public road is being damaged due to the construction work.	Repair the damage.		Closed	15/03/2024
7	Titige	08/02/2024	Non-compliance to PPE requirements. Workers do not wear gloves.	Ensure that all workers are provided with all required PPEs, and they are utilized at all time during operation hours.		Closed	15/03/2024
8	Titige	08/02/2024	The access pavement is narrow and the high/and steep is a bit high. The current barricade is not sufficient for proper safety. There is a potential hazards to the workers.	Proper barricades/rail should be installed.		Closed	15/03/2024
9	Titige	15/03/2024	Workers resting under a pile of timbers which is unsafe.	Need to remove the pile of timbers to the storage area on site.		Closed	26/03/2024
10	Titige	15/03/2024	Construction wastes not stored properly on site. No designated storage for constructions waste.	Ensure all construction wastes are stored appropriately at the designated storage area on site.		Closed	26/03/2024
11	Tasahe	15/03/2024	No safe walkway for workers. Workers can easily slip, trip and fall.	Need to construct proper walkway for workers		Closed	26/03/2024
12	Tasahe	26/03/2024	Poor implementation of waste management plan on site. There are no labels on the bins. Waste segregation not practiced effectively. No designated storage area for construction waste is observed.	Waste management on site need to comply to the requirements of the Waste Management Plan in the approved CESMP (Refer to section 6.1). Waste segregation must be practiced effectively on site (Refer to Table 10). All bins must have labels		Open	



13	Tasahe	26/03/2024	Concrete retarder Intermediate Bulk Container (IBC) not stored in a bunded area. The concrete retarder can cause skin irritation and serious eye damage. There is also no spill kit provided on site.	Need to store the IBC in a bunded area or on a spill pallet. Need to provide a spill kit (General purpose or Hazchem) on site.		Open	
14	Panatina	26/03/2024	Waste segregation is not practiced effectively on site. 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.		Open	
15	Panatina	26/03/2024	Non-compliance to PPE requirement. A SSS worker using a power tool to cut a timber without wearing a safety glass.	Ensure all workers complies to the PPE requirements when undertaking their tasks		Closed	04/04/2024
16	Panatina	26/03/2024	No safe walkway on site for workers and visitors. The stairs provided is not safe for workers and visitors.	Construct proper walkway and stairways for workers that is free of obstruction by equipment's and materials to minimize the risk of accident and injury.		Closed	04/04/2024
17	Panatina	04/04/2024	Absence of traffic signages observed at both end of the road. There was also no temporary speed restriction(30km/hr) signage installed at both end of the road. Absence of signages to	Install traffic signages on site in accordance with the Traffic Management Plan (TMP).		Closed	09/05/2024

			indicate that the road was reduced to one lane.				
18	Panatina	04/04/2024	Traffic controller observed standing in a shaded area and controlling traffic using "Go" & "Stop" signs. It was also observed that the two traffic controllers did not use walkie talkie (handheld radios) to communicate with each other. No safe walkway for pedestrian observed on site.	The traffic controllers need to use handheld radios to communicate with each other when controlling the traffic. PEP must provide handheld radios for the traffic controllers. Contractor need to provide a safe walkway for pedestrians along the roadside during concrete pouring in the future. Workers observed levelling the Lean concrete on site.		Closed	10/05/2024
19	Panatina	04/04/2024	Excess concrete from the Boom Pump truck observed being washout on site (on the road).	No concrete washout should be undertaken on site, especially on the road. All concrete waste shall be dumped at the designated disposal site. A disposal site for excessive concrete must be identified before undertaking concrete pouring.		Closed	11/05/2024
20	Panatina	04/04/2024	Excess concrete observed on top of the sealed road.	No excess concrete should be washed down on site especially on the road. All concrete waste must be removed after each concrete pouring and disposed at the designated disposal site.		Closed	12/05/2024

21	Panatina	04/04/2024	Concrete wastewater from the Boom Pump truck observed flowing into private residential area.	Ensure no concrete wastewater is wash down into private residential areas when undertaking concrete pouring in the future.		Closed	13/05/2024
22	Panatina	04/04/2024	Construction wastes not separated from general wastes. Waste segregation not practiced effectively.	Construction wastes such as cement bags must be separated from general wastes. Contractor need to implement the waste management plan (WMP) in the CESMP on site. Nonhazardous wastes must be manage separately from hazardous wastes.		Open	
23	Titige	06/05/2024	Subcontractors (The machinery operators) do not apply the PPEs and required safety measures working at height.	All subcontractor staffs must comply to the PPE requirements.		Open	

#### Environmental audit findings and corrective actions/recommendations for HNWS Trunk Main sites

No.	Site	Date Recorded	Description of Issue	Corrective Action/s	NCN No.	Status	Date Closed
1	Kongulai to White River Section	06/05/2024	Poor implementation of ESMP/CESMP requirements and construction methodology on site.	Ensure a copy of the site specific CESMP is available on site. Ensure that required HSE mitigation measures (including safety barricades, signage, proper access/temporary bridge provisions) are in place, and ESMP is properly		Closed	28/5/2024

				implemented, monitored and supervised.			
2	Kongulai to White River Section	06/05/2024	Poor management of waste soils. Stockpiling and side casting of the excavated soils observed without any proper safety barriers or sedimentation controls.	Stockpiles/excavated side casts have to be moved to the proper locations to allow wider access path to the public, and those stockpiles have to be covered properly to prevent any top soil wash off.		Closed	28/5/2024
3	Kongulai to White River Section	06/05/2024	Absence of precaution and safety signage on site. Open trench has no safety barricade.	Ensure appropriate safety signages are installed on site.		Closed	28/5/2024
4	Kongulai to White River Section	06/05/2024	Poor implementation of safety management plan. No safety signages and instructions about the construction works was installed on site.	Ensure safety management plan is implemented on site.		Closed	28/5/2024
5	Kongulai to White River Section	06/05/2024	The contractor/sub-contractor and workers working on ground is not aware of the required	Ensure that ES officer/HSE personnel is on site all time to monitor.		Open	

			mitigation measures of the site				
6	Kongulai to White River Section	06/05/2024	Lay down area has no safety barrier or signage and open to public access. Very poor housekeeping at the laydown/storage without any safety barrier to public access. No construction waste management observed.	Laydown areas need to be properly fenced and appropriate signages are in place.		Closed	28/05/2024
7	Kongulai to White River Section	06/05/2024	No proper resting bay provided for the workers.	Need to provide proper resting bay (tent) for workers.		Closed	15/08/2024
8	White River to Townground Section	06/05/2024	The site camp is not properly maintained, and there is no GRM box observed.	The site office need to be maintained. GRM box need to be provided at the site office.		Closed	28/05/2024
9	White River to Townground Section	10/05/2024	Excavation and trenching works damaged an existing fenceline	Ensure the damaged fence is repaired.		Open	
10	KGVI to Burns Creek	27/05/2024	The site was not rehabilitated properly after pipe installation and backfilling. Excess soils and rocks observed on site and inside the drainage.	Ensure the site is rehabilitated appropriately. All work areas must be rehabilitated before shifting to a new site.		Closed	28/6/2024

11	KGVI to Burns Creek	27/05/2024	Water barriers, timbers, rocks and other debris from trenching works left at the work area at KGVI. Poor housekeeping practice.	All work areas must be rehabilitated properly and cleaned up before shifting to a new site or work area.		Closed	28/06/2024
12	Kongulai to White River Section	28/05/2024	Absence of good storage practices observed at the laydown area. Pipes and fittings were observed stored directly on the ground surface. Poor housekeeping was also observed at storage/laydown area.	Ensure the fittings and other materials are stored on a pallet or bench.		Open	
13	KGVI to Burns Creek	28/05/2024	Manual excavation and trenching works at KGVI section. Poor management of waste soil observed on site. Waste soils were stockpiled on top of the existing concrete drainage.	Ensure the excavated soils are stored appropriately on site to avoid being washed by runoffs into the existing drainage.		Closed	31/05/2024
14	KGVI to Burns Creek	30/05/2024	Existing drainage blocked by excavated soil after heavy rain.	Need to remove all the waste soils inside the drainage. Avoid stockpiling excavated soils on top of the existing concrete drainage.		Closed	25/06/2024

15	KGVI to Burns Creek	26/06/2024	Waste soils and general wastes stockpiled on site. General wastes were not stored in a bin. Poor implementation of waste management plan and soil management plan.	Ensure all general wastes are collected and stored in a bin.		Closed	28/06/2024
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## Appendix 2: Compliance with safeguard-related project covenants

No	Covenant	Reference	Due Date	Compliance status at 30 <sup>th</sup> June 2024
1	<u>Procurement</u> 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	<u>Environment</u> 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	<u>Land Acquisition and Involuntary Resettlement</u> 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



No	Covenant	Reference	Due Date	Compliance status at 30 <sup>th</sup> June 2024
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	Schedule 4.10	During implementation	Complying with

No	Covenant	Reference	Due Date	Compliance status at 30 <sup>th</sup> June 2024
	infrastructure prior to starting to transport materials and construction; and € fully reinstate pathways, other local infrastructure, and 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	Schedule 4.13	During implementation	Complying with

No	Covenant	Reference	Due Date	Compliance status at 30 <sup>th</sup> June 2024
	HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project area, particularly women.			
13	<u>Monitoring Labor Standards, Health &amp; 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

