



Pacific
Community
Communauté
du Pacifique

MANAGING COASTAL AQUIFERS IN SELECTED PACIFIC SIDS PROJECT UPDATES

UPDATE JAN-MAR 2025



Empowered lives.
Resilient nations.



Pacific
Community
Communauté
du Pacifique

Executive Summary

- During this reporting period, significant progress has been made across multiple procurement, contracting, and project implementation activities. Key milestones include the completion of evaluations for major procurements, the launch of critical Requests for Proposals (RFPs), and the signing of a grant agreement with the Government of Tuvalu for gallery construction.
- For the Republic of the Marshall Islands (RMI), key advancements include the endorsement of the CHPO permit for the Wotje Gallery project, completion of evaluations for the supply of water storage tanks, and ongoing procurement progress for telemetry systems. The Geodetic Survey SPC Mission to Wotje is tentatively scheduled for April-May 2025. Community-based monitoring activities are planned to commence in Q2 and continue through Q4 2025.
- In Tuvalu, preparations are underway for the Regional Steering Committee meeting in May 2025, with agenda and protocol arrangements in progress. A water engineer has been deployed to Nanumea to oversee gallery engagements, and construction is expected to commence in April. The procurement process for the Construction Environmental Management Plan (CEMP) has been completed, with a draft expected by the end of March.
- For Palau, ongoing contract reviews for water treatment plant servicing and component installation are in progress, with work scheduled to commence by the end of April 2025. Technical guidance notes and data repository reviews are being developed in collaboration with SPC, PPUC, and MAFE.
- A financial deficit exceeding \$417K USD has been identified at the overall project level, affecting project financing and requiring immediate attention. Coordination with UNDP is underway to review and adjust budget allocations accordingly.
- Overall, while substantial progress has been made, financial reconciliation issues and minor procurement delays remain key challenges. These are being addressed through targeted mitigation strategies, ongoing negotiations, and stakeholder engagement.

Key Achievements

- **RMI –**

- Evaluation for RFQ 25-7598 (Supply of water storage tanks for Majuro) is complete. Awaiting vendor information and PO to commence work.
- CHPO permit endorsed, and earth-moving permit submitted to the EPA for endorsement. Expected clearance by Easter weekend.
- RFP24-6993 for the hire of contractors for the Wotje gallery construction has been launched. The RFP closing date was set for 30/03/25, and the PC meeting is scheduled for 24/04/25.

- **Tuvalu –**

- GA24-513 Grant Agreement with the Government of Tuvalu (PWD) signed. First payment approved and will be reflected in the current quarter.
- Water engineer deployed to Nanumea on 1 April 2025 to begin gallery engagements with contractors and local labor. Supporting PWD with construction supervision.
- Dates confirmed for the Regional Steering Committee in Tuvalu (22-29 May 2025). Circular has been sent to country counterparts through MoFA.
- 100% of materials for the Gallery construction have arrived in Nanumea.

- **Palau –**

- RFQ 25-7676 for water treatment plant servicing is complete, with the contract under review. Commencement is scheduled for 30/04/25.

Challenges & Risks

- A project financial deficit of \$417K USD is affecting multiple activities, requiring budget reallocations and negotiations with UNDP to secure additional funding or optimize expenditure.
- Shipping delays for the delivery of materials to RMI are affecting the project timeline. Limited shipping availability, particularly for remote locations like Wotje, is creating constraints on meeting deadlines.
- There are logistical challenges related to the transportation of necessary staff to Nanumea to commence construction work. Changes in shipping schedules have also impacted the timely mobilization of personnel and materials to the site, further complicating the project timeline.
- Ensuring the security of materials in Nanumea is a key concern. Adequate safeguarding measures have already been put in place to protect these assets from potential theft or damage before the commencement of construction.
- The procurement process for hiring contractors has faced delays due to an extended evaluation phase and limited regional contractor availability, further impacting project timelines.
- While key permits have been approved, some additional regulatory clearances are still pending, causing time-dependent delays that are out of our control and may potentially impact project scheduling.
- The misalignment of budget allocations with project needs has created uncertainty in future work planning. Ongoing discussions with UNDP aim to rectify discrepancies and secure the necessary funds for continued operations.

Next Steps

- Engage with UNDP to finalize the budget reconciliation process, secure necessary reallocations, and ensure smooth financial operations.
- Streamline procurement evaluations and explore alternative contracting mechanisms to mitigate delays in hiring qualified contractors.
- Continue working with regulatory bodies to ensure timely approvals and avoid potential roadblocks in project execution.
- Conduct a comprehensive budget review meeting with UNDP to adjust allocations, address discrepancies, and confirm financial coverage for key project activities.
- Expedite finalization of contracts and procurement processes for gallery construction in RMI and confirm shipping arrangements for material delivery to designated sites in Wotje.
- Commence Gallery construction process in Nanumea, Tuvalu.

Legend: Complete  Delayed but minor issues  Incomplete 

Project Status Overview

Country	Status	Key Highlights
Republic of Marshall Islands		Permits approved, procurements ongoing, minor shipping delays
Tuvalu		Grant agreement signed, construction preparations in progress
Palau		Contract reviews in progress, awaiting procurement finalization

PACIFIC COMMUNITY (SPC) PALAU PROJECT UPDATE

MONTHLY STATUS UPDATE

Jan-Mar 2025



Pacific
Community
Communauté
du Pacifique



RFQ25-7676 Water Treatment Plant Servicing, Component Installation Jan-March 2025

Project Lead Peter Sinclair (PS)
In Country Officers Marson Aderiano
Project Support Raymond Schuster

Activity Details			Key Activities				Overall Project Health Indicator	
The objective of the proposed work is to assist the Palau Government and the Palau Public Utilities Corporation (PPUC) to undertake servicing and improvements of the Angaur water treatment plant to ensure the quality of the reticulated water in the long term			Activity	Date	Progress	General Remarks		Overall, Health is Green No Cost Extension (NCE) Request has been approved. In the meantime the team will continue to complete planned activities according to the 2025 workplan.
			RFQ Announcement	2/26/25	Complete			
			RFQ Closing Date	3/19/25	Complete	Evaluation underway.		
			Award of Contract	3/31/25	In Progress	SPC to draft contract.		
Start	End	Revised	Commencement of contract	4/1/25	Yet to commence	Anticipated commencement date of 30/04/25		
April 2025	October 2025		Conclusion of contract	9/30/25	Yet to commence	Anticipated conclusion date of 31/10/25		
			Completion Report	9/31/25	Yet to commence			
Accomplishment – Last Quarter (Jan-Mar)			Plan – Next month (April)		Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Meeting ☐ Monthly update with Raymond 2. Approved draft copy – PPUC ☐ Advertisement of RFQ for Anguar water treatment repairs			1. Finalisation of evaluation: ☐ 1 quotation received; S. M. Flow. 2. Award of contract ☐ Drafting and finalisation of contract (SPC) ☐ Contractor to review contract agreement ☐ Sign off process for contract ☐ Activity commencement date 30/04/25		(R) Weather Condition- Trip request is usually based on the weather condition for that week.	PPUC		• Early planning and schedule of boat trip. • Check with the weather service for updates. • Be prepared to reschedule and confirm date changes.

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator
 Incomplete  Delayed but Partially Complete  Completed on Time

Technical Guidance Notes- Groundwater Data Collection and Integrated through ESR/PPUC Datahub
Jan-March 2025

Project Lead Peter Sinclair (PS)
In Country Officers Marson Aderiano
Project Support Raymond Schuster

Activity Details			Key Activities				Overall Project Health Indicator	
The objective of this activity is to incorporate the current data collection through the ESR-PPUC Data hub for more visibility and better access for monitoring. Displaying groundwater data on an online hub is crucial for effective management in the context of climate change. It provides access to critical information, helping decision-makers monitor groundwater levels, quality, and trends. This transparency allows for timely and informed decisions regarding water conservation, policy adjustments, and infrastructure planning.			Activity	Date	Progress	General Remarks		Overall, Health is Green No Cost Extension (NCE) Request has been approved. In the meantime the team will continue to complete planned activities according to the 2025 workplan.
			Incorporating the Groundwater Tab within the Datahub	10/23/24	Complete	Data analyst from ESR requested the data for review and prepare for upload.		
			Uploading and adjusting groundwater data	11/18/24	Complete	Groundwater data was uploaded to the groundwater tab within the data hub.		
			Final Adjustments and Display	1/22/25	Complete	Additional displays and tabs for groundwater including graphs were recommended to be added to the datahub indicator.		
Start	End	Revised	Final Training and Handover of the DataHub	2/4/25	Complete	ESR Team final visit and handover of the data hub		
Oct 2024	May 2025		Server Transfer- PPUC	2/4/25	Pending	PPUC having issues with the server. Much larger server is needed to accommodate the data hub.		
Accomplishment – Last Quarter (Jan-Mar)			Plan – Next Month (April)		Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Meeting □ Monthly update with Raymond 2. Handover of the Manual of the data hub/			1. Waiting for IT update on the server. □ Need larger server		(I) Might need additional funding allocation for server upgrade	PPUC		Budget plan to show the total cost

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete  Delayed but Partially Complete  Completed on Time

DECISION & SUPPORT REQUIRED

[illegible]

MANAGING COASTAL AQUIFERS PROJECT (MCAP)

QUARTERLY STATUS UPDATE

JANUARY - MARCH 2025



Pacific
Community
Communauté
du Pacifique



WOTJE GROUNDWATER GALLERY CONSTRUCTION

MCAP

JAN-MAR, 2025

SPC Project Lead Peter Sinclair (PS) & Ray Schuster (RS)

SPC & RMIEPA In Country Officers Shaun Kies-Ryan (SKR) & RMIEPA

Activity Details			Key Activities				Activity Health Indicator		
Construction of New Groundwater Gallery on Wotje with assistance from RMIEPA, Wotje Local Government and NDMO. Gallery is to serve as a drought water source for use during extended dry periods to supplement dwindling rainwater storage reserves on the island, diversifying water sources and increasing resilience.			Activity	Date	Progress	General Remarks		 Activity Health is RED - DELAYED Need to re-advertise RFP for construction works, delaying construction start date. Shipping agencies are not supporting the movement of materials creating further risks to the project construction start. No Cost Extension (NCE) required to complete activities in 2025.	
			Material Procurement	Jul 2024 – Mar 2025	Complete	Stoarge tank RFQ evaluated.			
			Material Delivery	Jul 2024 – Mar 2025	Delayed	1 st & 2 nd load materials delivered to Majuro, awaiting shipment (all materials) to Wotje. Awaiting tank delivery to Majuro.			
			Construction	Apr 2025 - Dec 2025*	Yet to Commence	2 nd round of RFP bid advertised for Construction works. RFP evaluation in early Apr 2025. End date dependent on Contractor timelines.			
Start	End	Revised	Commissioning	Sep 2025	Yet to Commence	Based on construction activities			
Mar 2020	Dec 2025	-	Closure	Dec 2025	Yet to Commence	Based on construction activities			
Accomplishment – This Quarter (Jan-Mar)			Plan – Next Quarter (Apr-Jun)			Risk (R) Issue (I) Dependencies (D)	Owner	Priority	Action / Mitigation
1. Project update with Wotje Local Government (Mayor Rithen Lajar) – procurement status, shipment of materials, project timeline and upcoming activities. 2. Permit from Cultural Heritage and Preservation Office (CHPO) received. Submission of EPA Major Earthmoving Permit made in March. 3. Readvertise RFP for Construction Works through local vendors – 1 st round bid negotiation failed to meet project requirements forcing 2 nd round advertisement.	1. Work with Local Government and community focal points about preparing community for construction. 2. Evaluate RFP bids for Construction Works (RFP closes 30 March 2025). 3. All materials to be shipped from Majuro to Wotje. 4. SPC surveying team to undertake mission (Apr 2025) to Wotje for setup of survey points and tidal gauge for laying of pipe to expected levels and gradients, as well as future monitoring needs.			(I) MoWIU not setting ship schedule for MCAP materials since agreement reached in Oct 2024 – relationship between EPA and MoWIU currently not good due to other issues.	SKR & RMIEPA	1	• Make new agreement with Marshall Islands Shipping Company, Marshalls Energy Company, PII, to confirm schedule to ship materials on other barges to Wotje.		
				(D) Materials must be delivered to Wotje before construction of gallery begins.	SKR & RMIEPA	1	• Secure new shipping agreement with other shipping agencies in line with issue above		
				(D) EPA Major Earthmoving permit approval needed before vegetation clearance and contractor start earthworks.	SKR & RMIEPA	2	• Submit permit in March so that Contractor can start immediately.		
				(D) Survey benchmarks need to be complete before contractor start earthworks.	SKR & RS	2	• Advise all RMI stakeholders to request support (Local Govt, MoWIU, EPA). • Support mission to ensure activities are complete and ready in time for Contractors use in construction works.		

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator:



Delayed



In-progress



Completed on time

MONITORING WELL/DRILLING PROGRAM
MCAP
JAN-MAR, 2025

SPC Project Lead Peter Sinclair (PS) & Ray Schuster (RS)
SPC & RMIEPA In Country Officers Shaun Kies-Ryan (SKR) & RMIEPA

Activity Details			Key Activities				Activity Health Indicator		
Establishment of Drilling Operation in RMI for the installation of monitoring wells and investigation of aquifers and sediments of islands. Drilling to take place for the following islands: - Majuro - Wotje			Activity	Date	Progress	General Remarks		Health is RED - DELAYED Training delayed due to difficulties with trainer schedule. Progress on Laura drilling program delayed due to unresolved between EPA and Laura Traditional Leaders. Resolution needed before permits and community engagement can be undertaken.	
			Temporary Storage	Jul 2024	Complete	Use of RMIEPA truck utilised for transport and storage of drill rig.			
			Permit Approval	Aug 2024	Complete				
			Training – Delap/Laura	19-24 Aug 2024	Complete	Undertaken with trainer from PAT Drill, Thailand.			
			Permanent Storage	Jul 2025	In-progress	Procure shipping container to serve as permanent storage and workshop space of drill equipment.			
Start	End	Revised	Laura Drilling	Jul 2025*	Yet to Commence	Requires meeting with Lerooj to grant approval before further community consultation and drilling.			
Mar 2020	Dec 2025	-	Wotje Drilling	Oct 2025*	Yet to Commence	Dependent on available budget and timing of activities around Wotje Gallery Construction Activity			
Accomplishment – Last Quarter (Jan-Mar)			Plan –Next Quarter (Apr-Jun)			Risk (R) Issue (I) Dependencies (D)	Owner	Priority	Action / Mitigation
1. Briefed EPA Deputy GM on situation to-date. Gaining endorsement with Leeroj has stalled by going through MALGOV Exec. Jina David at year end 2024. Agreed for EPA to initiate contact with Lerooj directly.			1. Procure materials for permanent storage of drill rig at RMIEPA.			(I) No response from Lerooj (Traditional Leader) to date about meeting with EPA to resolve outstanding issues.	RMIEPA	1	• Needs EPA management to continue to follow up meeting request with Lerooj as part of hierarchical protocol.
2. Budget prepared for permanent storage and RFQ for storage container advertised.			2. Gain endorsement from Laura Leeroj and conduct community consultation on drilling monitoring wells. 3. Gain CHPO permit and RMIEPA earthmoving permit for Laura monitoring wells. 4. Work through making improvements to drill rig Standard Operating Procedure.			(D) Drill rig standard operating procedures to be improved following input from SPC and trainers recommendations.	SKR & RMIEPA	2	• Work with SPC on determining which recommendations are to be adopted and make action plan to complete.

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator:  Delayed  In progress  Completed on Time

LAURA GROUNDWATER MANAGEMENT MCAP

JAN - MAR, 2025

SPC Project Lead Peter Sinclair (PS) & Ray Schuster (RS)

SPC & RMIEPA In Country Officers Shaun Kies-Ryan (SKR) & RMIEPA

Activity Details			Key Activities				Activity Health Indicator			
Improve the understanding of various impacts on Laura groundwater resource including: - Drought - Ocean-induced flooding/inundation/king-tides - Sea level rise - Over-pumping - Contamination			Activity	Date	Progress	General Remarks			Activity health is ORANGE – IN PROGRESS	
			Monitoring	Ongoing	In-Progress	Download of data loggers and manual measurements every quarter.				
			Groundwater Modelling	Jun 2024	Complete	Model report finalised, plan to incorporate into Technical Guidance Notes.				
Start	End	Revised	Technical Guidance Notes	May 2025	In-Progress	To guide aquifer management and monitoring for RMIEPA and MWSC.				
Mar 2020	Dec 2025	-	Telemetry	Aug 2025*	In-Progress	Telemetry on MWSC water supply galleries only.				
Accomplishment – Last Quarter (Jan-Mar)			Plan –This Quarter (Apr - Jun)			Risk (R) Issue (I) Dependencies (D)		Owner	Priority	Action / Mitigation
1. Reviewed current draft of Technical Guidance Notes for Laura Lens. 2. Secured supporting budget for replacing failed groundwater level/salinity data loggers.			1. Finalise Technical Guidance Notes. 2. Procure new data loggers. 3. Draft TOR for Telemetry of Laura Galleries. 4. Routine monitoring of Laura Lens.			(I) Data sharing of large datasets (i.e. data loggers) is still a challenge as RMIEPA still has no office server or commercial cloud-based data storage account.		RMIEPA	2	• SPC to continue supporting data repository of raw datasets. • SPC to continue explore potential of cloud-based software (like mWater) as common data sharing/reporting platforms.
						(R) Implementing monitoring actions to inform which management decisions are critical to success of future groundwater management.		RMIEPA & SPC	1	• Continue strengthening monitoring systems and training for monitoring staff in RMIEPA and MWSC. • Work with RMIEPA & MWSC to implement straightforward management decisions that are easily communicated to groundwater users/affected people.

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator:



Delayed



In progress



Completed on Time

COMMUNITY BASED MONITORING (CBM) PROGRAM

MCAP

JAN-MAR, 2025

SPC Project Lead Peter Sinclair (PS) & Ray Schuster (RS)

SPC & RMIEPA In Country Officers Shaun Kies-Ryan (SKR) & RMIEPA

Activity Details			Key Activities				Activity Health Indicator		
Local monitoring of water assets through Community Based Monitoring assessing aspects of Water Quality that include presence of E.Coli for Rainwater Harvesting Storage Systems, Storage Volumes and Salinity limits for Groundwater Wells. Data collected through community based monitoring has the potential to assist with early drought monitoring of water storage volumes and information of contaminated sources to help advise precautionary measures that can assist with tracing of water borne disease outbreaks.			Activity	Date	Progress	General Remarks			Activity Health is RED
			Procurement of CBM equipment	Jul 2024	Complete	Aquagenx E coil tests and TPS salinity meters received.			Activity is delayed in roll-out and needs further co-ordination and resources committed for successful roll-out.
			CBM train the trainer	Aug 2024	Complete	SPC team to developed materials and worked with EPA & ACWA teams to become trainers.			
			CBM roll out in Aelonlaplap	Oct 2024	In - Progress	CBM roll out in Oct 2024. Needs follow up trip to complete works with Community Water Committees.			
Start	End	Revised	CBM roll out in Wotje	Oct 2024*	Yet to Commence	Plan to roll out CBM with Gallery Construction activities in Wotje.			
Mar 2020	Dec 2025		CBM roll out in Jaluit	Oct 2024*	Yet to Commence	Trip to Jaluit will depend on availability of EPA team and formation of water committee.			
Accomplishment – Last Month			Plan –This Month		Risk (R), Issue (I), Dependencies (D)		Owner	Priority	Action / Mitigation
1. Planning for 2025 roll out program to Aelonlaplap, Wotje and Jaluit. 2. Continue development of mWater dashboard for use in EPA.	1. Translation of CBM SOP into Marshallese language. 2. Discuss formation of water committees with ACWA Project team. 3. Scheduling for follow-up Aelonlaplap roll out mission. 4. Scheduling trips for Wotje roll out mission.		(I) Roll-out needs to be stepped out with more support on performing the activities.		SKR & RMIEPA	1	• Plan support with ACWA team to discuss ways that this can strengthen water safety activities. • Translate mWater forms & CBM guide into Marshallese. • Generate video demonstrations of CBM monitoring steps (how to guides).		
			(D) Relies on ACWA/local government to form and activate community water committees (CWCs) in each atoll.		SKR & RMIEPA	1	• Discuss with ACWA and EPA teams about method of roll out CBM in advance of formed CWCs – work with NDMO focal points or ACWA focal points.		
			(I) CWCs often include older members and so field work of monitoring is often delegated to others.		SKR & RMIEPA	1	• Discuss with ACWA and EPA teams about method of roll out CBM in advance of formed CWCs – work with NDMO focal points or ACWA focal points.		
			(I) Government, IOM & Red Cross use Humanitarian KoboToolbox accounts. Use of mWater potentially limits sharing of data and functionality for RMI agencies going forward.		SPC	2	• SPC team need to be able to improve the functionality and use of mWater within EPA to allow it to be shared amd taught more widely.		

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator:



Delayed



In-Progress



Completed/on time

AILINGLAPLAP – PRELIMINARY GROUNDWATER INVESTIGATION

MCAP

JAN-MAR, 2025

SPC Project Lead Peter Sinclair (PS) & Ray Schuster (RS)
 SPC & RMIEPA In Country Officers Shaun Kies-Ryan (SKR) & RMIEPA

Activity Details			Key Activities				Activity Health Indicator		
Technical groundwater investigation and community-cultural survey for Jeh. This is the final technical investigation and cultural survey activity for Ailinglaplap.			Activity	Date	Progress	General Remarks			Activity health is ORANGE – IN PROGRESS
			Trip Planning	Jul 2024	Complete				Work is in-progress on final activities of the report with clear plan to finalise and publish report by April 2025.
			Trip Preparation	Jul - Oct 2024	Complete				
			Equipment Delivery	Sep 2024	Complete	Worked with Ailinglaplap Local Govt and MPs to secure shipping to Jeh for all equipment. AMI changed their policy of no additional freight allowed on domestic flights to allow team to return with key survey equipment.			
Start	End	Revised	Field work	Nov 2024	Complete	Included team: Amini (SPC), Takia, Voneric & Joseph (EPA), Nicky (MWSC).			
Mar 2020	Apr 2025		Reporting	Oct - Dec 2024	In Progress	Combines all surveys completed for Ailinglaplap (Woja, Airok, Buoj & Jeh)			
Accomplishment – Last Month			Plan –This Month			Risk (R) Issue (I) Dependencies (D)	Owner	Priority	Action / Mitigation
1. Review of 1 st draft report complete. 2. Return of last equipment items from Ailinglaplap to EPA office (Majuro). 3. Attended the SPC People Centred Approach in Pohnpei, 4-7 Feb 2025 to discuss methodology for community engagement for technical investigations.			1. Make revisions and finalise report for publication. 2. Following publishing of the report, arrange meeting with key stakeholders to discuss the results and recommendations: EPA, Mayor of Ailinglaplap, MPs for Ailinglaplap, NDMO, NWSO, IOM, MIMRA. 3. Draft the Community/Cultural Survey Report. 4. Present report findings to Coastal Management Advisory Council (CMAC) as key group of govt. stakeholders responsible for guiding how Reimaanlok management is developed in RMI.			(I) Release of report needs to be presented to stakeholders with next steps/actions to be done.	PS & SKR	1	- Make sure next steps are also captured in the summary of the report. - Consider developing a 1-2 page summary sheet to go with the report as a take home message (Exec Summary). - Make a networking plan for release of report to ensure key stakeholders are engaged (helps to manage stakeholders that may not show to invited events). - Present report findings to CMAC advisory council (include major govt. stakeholders) who also discuss how Reimaanlok management goals are progressed.
						(I) Difficult to co-ordinate with Harold (Ailinglaplap Local Govt. contact) for return of remaining survey equipment.	RMIEPA	3	Work with Mayor of Ailinglaplap to ensure clear direction is able to be given.
						(I) Analysis of field data for Cultural Survey Report requires resources and time.	SKR & SPC	2	Need to break analysis and reporting into small actions – delegate actions where possible.

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator:



Delayed



In-Progress



Completed/on time

DECISION & SUPPORT REQUIRED – MCAP

PAGE 1 OF 1

Decision / Support Rendered	Related Activity	Rationale/Options	Responsible Party	Required Date
Secure shipping for Gallery Construction Materials - Majuro to Wotje.	Wotje Gallery	- Materials already on island and accruing storage fees \$1300 per month. - MoWIU not cooperating with EPA on shipping. - Initial discussion had with Director of MICS, told Ribuk Meto barge unable to land at beach or dock. - Need to be able to offload at the Wotje dock as some materials are bulky and require forklift and/or vehicles to offload. - Manual off-load would take weeks to complete.	RMIEPA	1 st April 2025
Obtain RMIEPA Earthmoving permit	Wotje Gallery	- Permit submitted to RMIEPA. - MCA Project team to work with permit approvers to address any issues/questions about the project impacts and mitigation plans.	SPC & RMIEPA	20 th April 2025
RFP bid for Gallery Construction Works – 2 nd advertisement	Wotje Gallery	RFP bid closes - 30 March 2025	SPC	30 th April 2025
Endorsement from Laura Lerooj for Laura new monitoring well program.	Drilling/Groundwater Monitoring	RMIEPA Earthmoving permit requires Lerooj signature to endorse works before commencing.	RMIEPA	20 th April 2025
Complete Laura community engagement for drilling and new monitoring well program	Drilling/Groundwater Monitoring	- Documentation of engagement process for project. - Education and awareness with community for ongoing groundwater monitoring in Laura.	RMIEPA	30 th April 2025
Confirm storage container design and procurement budget to house drill rig at EPA.	Drilling/Groundwater Monitoring	- Target to direct source 40ft shipping container - Container considered cheaper and more durable option than building a storage shed from scratch. - Area already cleared at EPA ready for storage container placement. - EPA team have capacity and equipment “in house” to build support structures to protect container (roofing) plus storage shelving, benches for workspace.	RMIEPA	20 th April 2025
Laura groundwater monitoring field trip – routine monitoring schedule	Laura Groundwater Management	- Routine field trip to Laura has not been scheduled by Water Quality Team schedule – needs to be included on a quarterly basis. - Data loggers need to be checked each time for suspected data quality issues.	RMIEPA & MWSC	ongoing
TOR development for Telemetry of MWSC galleries	Laura Groundwater Management	- MWSC are to be installing new solid state flow meters on all gallery pumps. - The telemetry system currently being considered would propose to monitor water quality (salinity & temperature), water level, pumped flow rate. - Need to tender for telemetry work/installation so confirmation of telemetry parameters required as part of scope of works.	SPC	20 th May 2025
Commitment of resources to fulfil roll out and ongoing support to Community-Based Monitoring program in Ailinglaplap, Jaluit and Wotje.	Community-Based Monitoring Program	- Train the trainer program was successful in training both RMIEPA and ACWA staff. - Interest and momentum built with NDMO community focal points and ACWA community focal points. - Program aligns with RMIEPA's policy goals for outer island communities.	RMIEPA	ongoing

PACIFIC COMMUNITY (SPC) TUV PROJECT UPDATE

MONTHLY STATUS UPDATE

December 2024 – January 2025



Pacific
Community
Communauté
du Pacifique



NANUMEA GROUNDWATER GALLERY CONSTRUCTION

MCAP

DECEMBER 2024 – JANUARY 2025

Project Lead Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL)
Project Support Raymond Schuster (RS)

Activity Details				Key Activities			Overall Project Health Indicator			
Construction of New Groundwater Gallery on Nanumea Island with assistance from Nanumea Kaupule and PWD. Gallery is to serve as a drought water source for use during extended dry periods to supplement dwindling rainwater storage reserves on the island, diversifying water sources and increasing resilience.				Activity	Date	Progress	General Remarks			Overall, Health is Orange
				Procurement	March 24	Completed	Contract Signed 17/05 – Delayed by 1 Month			No Cost Extension has been approved until April, 2026. Component activities are anticipated to be completed before the revised end date. Delays in material transfer to project site (Nanumea Island) and re-recruiting of Water Engineer may impact commencement of constructions and thus completion on revised schedule.
				Material Delivery	September, 24	In Progress	23 rd Sept 24 for completion – Delayed by 2 Month			
				Construction	October 24*	Delayed	Delays anticipated due to difficulties with interisland shipping. Re-recruitment of Water Engineer may further delay construction timeframe. Revised start in February/March.			
Start	End	Revised	Commissioning	May 25*	Yet to Commence	Updated based on preceding activities				
Mar, 20	Nov, 24	Apr, 26	Closure	Jun 25*	Yet to Commence	Updated based on preceding activities				
Accomplishment – Last 2 Months (December 2024 – January 2025)				Plan – Next Month (February 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Materials Storage - Three of the containers have been devanned into the 4 purchased containers with assistance from PWD - The rest of the material are still stored in the 6 TRANSAM containers they were shipped in. - Purchased containers can not be transported to Nanumea on Dept of Marine vessels. - Virtually met with Nanumea Secretary to discuss storage in Nanumea				1. Material Transport to Nanumea - Confirm the amount of material confirmed for transportation on the LC Moeiteava on this 6th Feb trip to Nanumea. - Travel on LC Moeiteava to oversee transportation of material to Nanumea.			(R) Changes to shipping schedule affecting material mobilization to Nanumea	LL		- Continue discussions with Hall for assistance - Develop option with Scarcity Barge further - Possible Cost sharing option with TUV Govt. to be considered to take materials up Continue to arrange with Dept of Marine for options
							(R) Pre-Construction Approvals for Gallery Construction	LL & LC		Completed
							(D) Engagement model for Nanumea Gallery Construction	LL & PS		- Sign DGA with PWD - Next steps?
1. Gallery Works Engagement Model - PWD approved DGA - DGA in signing stages with PWD				3. Environmental Compliance Finalise CEMP TOR and proceed with contracting and implementation			(I) Water Engineer position vacated and needs urgent recruitment	PS		New Water Engineer to be recruited and stationed to Funafuti at the earliest to avoid further delays to gallery construction
2. Material Transport to Nanumea Started repacking and positioning material to the Funafuti Ports according to LC. Moeiteava requirements.										
3. Environmental Compliance CEMP TOR drafted and sent to SPC team for feedback										

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

MONITORING BOREHOLE DRILLING PROGRAM
MCAP
DECEMBER 2024 – JANUARY 2025

Project Lead Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL) & Leigh Chan (LC)
Project Support Raymond Schuster (RS) & Saulo Haulagi (SH)

Activity Details			Key Activities				Overall Project Health Indicator		
Procurement and Deployment of Mobile Drill Rig to Tuvalu for the installation of monitoring and investigative boreholes. Drilling to take place for the following islands: - Funafuti - Nanumea - Vaitupu - Nui			Activity	Date	Progress	General Remarks		Overall, Health is Green Monitoring Borehole Drilling activities under MCAP maybe deferred to Phase 2 of the project.	
			Procurement	April	Completed	Completed			
			EIA consultations and approvals	April-July 24	In Progress	Delayed (community approvals from VTP and Ffuti)			
			Drill Rig Arrival	Oct - Nov 24*	In Progress	Anticipated to arrive 9 th Nov.			
			Nanumea Deployment	Nov – Dec 24*	Yet to Commence	Delayed			
Start	End	Revised	Vaitupu Mobilization	Jan – Feb 25*	Yet to Commence	Tentative, to be revised			
Mar, 20	Nov, 24	Apr, 26	Nui Mobilization	Mar - Apr 25*	Yet to Commence	Tentative, to be revised			
Accomplishment – Last 2 Months (December 2024 – January 2025)			Plan –This Month (February 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Consultation & Approvals - Formal approval from Funafuti still outstanding 2. Logistics - Completed Customs Clearance for Drill Rig container			1. Logistics - Open container and take photo evidences to send to SPC 2. Community consultations - Brief Nanumea Kaupule of situation behind deferring Boreholes activity to next phase of the project			(I) Community Approval for Monitoring Borehole Drilling	LL & LC		Community Approvals received, written approvals pending for Funafuti
						(R) Changes to shipping schedule affecting Rig Mobilization to Nanumea, Vaitupu & Nui	LL		- Early engagement with Marine to advise on project timeline and provide details of project requirements. - Explore option of charter or MLGA schedule to co-share for shipping of materials
						(D) Environmental Clearance for Drilling Works	LL & LC		Consents to be submitted upon receipt and conditional approval released

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator
 Incomplete  Delayed but Partially Complete  Completed on Time

COMMUNITY BASED MONITORING PROGRAM

MCAP

DECEMBER 2024 – JANUARY 2025

Project Lead / Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL) & Leigh Chan (LC)
Project Support Raymond Schuster (RS) & Saulo Haulagi (SH)

Activity Details			Key Activities				Overall Project Health Indicator		
Local monitoring of water assets through Community Based Monitoring assessing aspects of Water Quality that include presence of E.Coli for Rainwater Harvesting Storage Systems, Storage Volumes and Salinity limits for Groundwater Wells. Data collected through community-based monitoring has the potential to assist with early drought monitoring of water storage volumes and information of contaminated sources to help advise precautionary measures that can assist with tracing of water borne disease outbreaks.			Activity	Date	Progress	General Remarks			Overall, Health is GREEN Completed CBM Activities for the 24 Calendar Year.
			Nanumea Refresher 1	11 th March, 24	Completed	Delayed, Completed 22/04			
			Vaitupu Refresher 1	1 st April, 24	Completed	Delayed, Completed 03/04			
			Nui Refresher 1	15 th April, 24	Completed	Delayed, Completed 30/05			
			Nanumea Refresher 2	20 th May, 24	Completed	Delayed, Completed 18/7 (Supervision of CBM)			
			Start	End	Revised	Vaitupu Refresher 2	5 th August, 24		
Mar, 20	Nov, 24	Apr, 26	Nui Refresher 2	1 st September,24	Yet to Commence	Delayed, Completed 12/11			
Accomplishment – Last Month (December 2024 – January 2025)			Plan –This Month (February 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Monitoring fieldwork Completed cleaning fieldwork data for quarter 4; Nanumea (December) – results attached			1. Supervise the monitoring fieldwork for the team in Nanumea during the trip to deliver gallery material. 2. Develop a schedule of fieldwork monitoring for all participating islands in consultation with the teams. 3. Continue to monitor data received through Kobo Platform.			(I) High turnover of CBM Trained Volunteers	LL		Training to include Kaupule Staff to help drive CBM activities together with minimizing the turnover as Kaupule Staff are remunerated for services unlike Volunteers who may opt to leave the island for education or seeking jobs.
						(I) Need to Procure additional Aquagenx Kits together with other consumables	LL & RS		Order to be placed for Additional Aquagenx Kits together with locking pipes & latex gloves
						(I) Damaged Equipment requiring replacement	LL		Defective units have been repaired by supplier and currently in the process of shipping.

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

VAITUPU GROUNDWATER GALLERY CONSTRUCTION
VWSP
DECEMBER 2024 – JANUARY 2025

Project Lead Uatea Salesa (US)
In Country Officers Leigh Chan (LC)
Project Support Anna De Jong (ADJ) & Darryl Ikbal (DI)

Activity Details			Key Activities				Overall Project Health Indicator	
Vaitupu Water Scarcity Project, deliverable includes the installation of a new groundwater gallery to improve water security for the Island of Vaitupu supporting and diversifying existing sources of Rainwater and Desalination.			Activity	Date	Progress	General Remarks	Overall, Health is ORANGE The Vaitupu Water Security Project grant extension has been signed between MFAT and SPC extending the Project to December 2024 with project closure expected to Wrap up in March of 2025. The extension with TUV is currently underway and anticipated to be completed within the next two months. Procurement Activities are still underway with a tight schedule in place for the remaining construction activity which may push past the Dec window depending on material arrival.	
			Procurement	March 24	Delayed	Package 3 under evaluation		
			Material Delivery	May 24 -June 24*	Delayed	Supplier is focused on Nanumea Waste materials		
			Construction	Oct 24-Nov 24*	Partially Completed	Delayed expected to commence in 25		
Start	End	Revised	Commissioning	Apr 25*	Yet to commence	Delays anticipated		
June, 2020	Dec, 2024	Dec, 24	Closure	May 25*	Yet to commence	Delays anticipated		
Accomplishment – Last Month (November)			Plan – This Month (December)		Risk (R) / Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Gallery Materials ☐ Vendors has been contacted to facilitate the transport of Gallery Materials from Suva, PEAR, TUV			1. Environmental Approvals ☐ Collate necessary documentation for the submission of the MOU ☐ Compile TOR for PEAR negotiations.		(I) MFAT Extension	US		Follow up with MFAT for Extension and Compilation of New Country Grant Agreements
					(I) Environmental Approvals / Clearances	LC & US		Engage PEAR consultant to conduct PEAR for Vaitupu Galleries
					(D) Material Procurement	ADJ		Procurement through RFP23 – 5858 and RFP23 – 5982 to quicken procurement. Remaining materials through RFQ for quick purchase

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator

Incomplete

Delayed but Partially Complete

Completed on Time

DECISION & SUPPORT REQUIRED

Decision / Support Rendered	Related Activity	Rationale/Options	Responsible Party	Required Date
Gallery Grant Arrangements	Nanumea Gallery	- Setup Grant for Gallery Construction - Briefing of PWD for Claims Process	SPC Suva	1 st October 2024
TCAP Support for Team and Material Mobilization	Nanumea Gallery & CBM Program	- Requesting Hall to assist with mobilization of materials to Nanumea, Consignment 1 is currently enroute to Funafuti - Material are now being transported via Marine Dept vessels - MCAP empty containers (4x) still need transporting to Nanumea if possible	CCD & Hall Contracting	Continuous
Inter-Island Travel – Mobilization of Team to Nui, Vaitupu, Nanumea	Vaitupu Gallery, Nanumea Gallery, Monitoring Borehole Drilling, CBM Program	Requesting assistance from the Marine Department with Scheduling of Trips to Nui, Nanumea and Vaitupu, providing early advise to team regarding changing schedules so arrangements can be made accordingly	Marine Department	Continuous
Technical Backstopping	All	Technical backstopping is required for TUV to support the continued movement of activities ensuring that there is no loss of moment between the outgoing and incoming Water Engineer	SPC Suva	12 th December 2024
Option for Inter Island Materials Shipment	MCAP & Vaitupu	- Possible option of Barge Hire using the Scarcity Barge to run materials for Nanumea and Vaitupu Gallery. - Barge not able to enter Nanumea channel thus option not taken - Explore future barge options for empty containers (4x) transportation to Nanumea	SPC Suva	15 th November 2024
Groundwater gallery material storage at Nanumea	Nanumea Gallery	Requesting assistance from Nanumea Kaupule for safe and secure storage space for gallery material from Feb 2025 till date of construction commencement.	Nanumea Kaupule	10 th February 2025
Mobilisation of contractor team to Nanumea Island	Nanumea Gallery	Requesting assistance from PWD to mobilise team for the Nanumea Gallery ready for transportation to Nanumea Island when new Water Engineer starts work.	PWD	Feb-Mar 2025

PACIFIC COMMUNITY (SPC) TUV PROJECT UPDATE

MONTHLY STATUS UPDATE

February 2025



Pacific
Community
Communauté
du Pacifique



NANUMEA GROUNDWATER GALLERY CONSTRUCTION

MCAP

FEBRUARY 2025

Project Lead Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL)
Project Support Raymond Schuster (RS)

Activity Details			Key Activities				Overall Project Health Indicator		
Construction of New Groundwater Gallery on Nanumea Island with assistance from Nanumea Kaupule and PWD. Gallery is to serve as a drought water source for use during extended dry periods to supplement dwindling rainwater storage reserves on the island, diversifying water sources and increasing resilience.			Activity	Date	Progress	General Remarks		Overall, Health is Orange No Cost Extension has been approved until April, 2026. Component activities are anticipated to be completed before the revised end date. Delays in material transfer to project site (Nanumea Island) and re-recruiting of Water Engineer may impact commencement of constructions and thus completion on revised schedule.	
			Procurement	March 24	Completed	Contract Signed 17/05 – Delayed by 1 Month			
			Material Delivery	September, 24	Partial	70% of material delivered to site in Feb 2025			
			Construction	October 24*	Delayed	Revised commencement March/April 2025			
Start	End	Revised	Commissioning	May 25*	Yet to Commence	Updated based on preceding activities			
Mar, 20	Nov, 24	Apr, 26	Closure	Jun 25*	Yet to Commence	Updated based on preceding activities			
Accomplishment – Last Month (February 2025)			Plan – Next Month (March 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Materials Storage ❑ All TRANSAM containers have been emptied and returned. ❑ Storage of the bulk of the material (7 out of 9 containers) is at Kaupule storerooms and project site in Nanumea Island. ❑ Material, tools and equipment from the remaining 2 containers are currently stored in the purchased containers at the container yard.			1. Material Transport to Nanumea ❑ Liase with Marine Dept and also with Near Logistics Ltd for arrangements for remaining material shipping to Nanumea. ❑ Explore the potential to ship empty container to Nanumea with loading to shore using Kaupule barge.			(R) Changes to shipping schedule affecting material mobilization to Nanumea	LL		• Continue discussions with Hall for assistance • Develop option with Scarcity Barge further • Possible Cost sharing option with TUV Govt. to be considered to take materials up • Continue to arrange with Dept of Marine for options
						(R) Pre-Construction Approvals for Gallery Construction	LL & LC		• Completed
						(D) Engagement model for Nanumea Gallery Construction	LL & PS		• Sign DGA with PWD • Next steps?
1. Gallery Works Engagement Model ❑ DGA with PWD signed			2. Materials Storage ❑ Follow up on Nanumea storage arrangements for items that were yet to be shifted to agreed storage sites. ❑ Further explore the possibility of 4 empty containers to be shipped to Nanumea for equipment, tools and delicate material storage on site.						
2. Material Transport to Nanumea ❑ Material from 7 out of the 9 containers have been transported to Nanumea on LC. Moeiteava. Remaining 2 containers, will be shipped in March.									
3. Environmental Compliance ❑ CEMP consultancy advertised and finalised. To be contracted soon									
			3. Environmental Compliance ❑ CEMP contracting and implementation			(I) Water Engineer position vacated and needs urgent recruitment	PS		• New Water Engineer recruited and expected to commence late March

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

MONITORING BOREHOLE DRILLING PROGRAM

MCAP

FEBRUARY 2025

Project Lead Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL)
Project Support Raymond Schuster (RS)

Activity Details			Key Activities				Overall Project Health Indicator		
Procurement and Deployment of Mobile Drill Rig to Tuvalu for the installation of monitoring and investigative boreholes. Drilling to take place for the following islands: - Funafuti - Nanumea - Vaitupu - Nui			Activity	Date	Progress	General Remarks		Overall, Health is Orange Monitoring Borehole Drilling activities under MCAP maybe deferred to Phase 2 of the project.	
			Procurement	April	Completed	Completed			
			EIA consultations and approvals	April-July 24	In Progress	Partly granted with full approval awaiting community approval from Ffuti			
			Drill Rig Arrival	Oct - Nov 24*	Completed	Arrived November 2024			
			Nanumea Deployment	Nov – Dec 24*	Yet to Commence	Delayed			
Start	End	Revised	Vaitupu Mobilization	Jan – Feb 25*	Yet to Commence	Tentative, to be revised			
Mar, 20	Nov, 24	Apr, 26	Nui Mobilization	Mar - Apr 25*	Yet to Commence	Tentative, to be revised			
Accomplishment – Last Month (February 2025)			Plan –This Month (March 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Consultation & Approvals - Formal written approval from Funafuti still outstanding 2. Logistics - Container cleared, photographic evidence taken and shared with SPC 3. Community consultations - Briefed Nanumea Kaupule of situation behind deferring Boreholes activity to next phase of the project			1. Logistics - Check on container twice weekly to ensure it is secured. 2. Community consultations - Brief other communities of situation behind deferring Boreholes activity to next phase of the project			(I) Community Approval for Monitoring Borehole Drilling	LL & LC		Community Approvals received, written approvals pending for Funafuti
						(R) Changes to shipping schedule affecting Rig Mobilization to Nanumea, Vaitupu & Nui	LL		- Early engagement with Marine to advise on project timeline and provide details of project requirements. - Explore option of charter or MLGA schedule to co-share for shipping of materials
						(D) Environmental Clearance for Drilling Works	LL & LC		Consents to be submitted upon receipt and conditional approval released
						(I) Activity postponed due to budget and time constraints			Currently postponed for implementation in next phase of the project

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

COMMUNITY BASED MONITORING PROGRAM

MCAP

FEBRUARY 2025

Project Lead / Peter Sinclair (PS)
 In Country Officers Lono Leneuoti (LL)
 Project Support Raymond Schuster (RS)

Activity Details			Key Activities				Overall Project Health Indicator		
Local monitoring of water assets through Community Based Monitoring assessing aspects of Water Quality that include presence of E.Coli for Rainwater Harvesting Storage Systems, Storage Volumes and Salinity limits for Groundwater Wells. Data collected through community-based monitoring has the potential to assist with early drought monitoring of water storage volumes and information of contaminated sources to help advise precautionary measures that can assist with tracing of water borne disease outbreaks.			Activity	Date	Progress	General Remarks			Overall, Health is GREEN
			Nanumea Refresher 1	11 th March, 24	Completed	Delayed, Completed 22/04			Monitor CBM activities for the last year of the project and develop and exit plan for the way forward for CBM post project completion
			Vaitupu Refresher 1	1 st April, 24	Completed	Delayed, Completed 03/04			
			Nui Refresher 1	15 th April, 24	Completed	Delayed, Completed 30/05			
			Nanumea Refresher 2	20 th May, 24	Completed	Delayed, Completed 18/7 (Supervision of CBM)			
			Vaitupu Refresher 2	5 th August, 24	Delayed	Delayed, Completed. 30/09			
Start	End	Revised	Vaitupu Refresher 2	5 th August, 24	Delayed	Delayed, Completed. 30/09			
Mar, 20	Nov, 24	Apr, 26	Nui Refresher 2	1 st September,24	Yet to Commence	Delayed, Completed 12/11			
Accomplishment – Last Month (December 2024 – January 2025)			Plan –This Month (February 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Monitoring fieldwork ☐ Observed the Nanumea team conduct its CBM fieldwork for quarter 1 2025. (Results attached)			1. Workplan for 2025 ☐ Develop a schedule of fieldwork monitoring for all participating islands in consultation with the teams. ☐ CBM meeting/way forward 2. Continue to monitor data received through Kobo Platform.			(I) High turnover of CBM Trained Volunteers	LL		Training to include Kaupule Staff to help drive CBM activities together with minimizing the turnover as Kaupule Staff are remunerated for services unlike Volunteers who may opt to leave the island for education or seeking jobs.
						(I) Need to Procure additional Aquagenx Kits together with other consumables	LL & RS		Order to be placed for Additional Aquagenx Kits together with locking pipes & latex gloves
						(I) Damaged Equipment requiring replacement	LL		Defective units have been repaired by supplier and currently in the process of shipping.

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

VAITUPU GROUNDWATER GALLERY CONSTRUCTION
VWSP
FEBRUARY 2025

Project Lead Uatea Salesa (US)
In Country Officers
Project Support Anna De Jong (ADJ) & Darryl Ikbal (DI)

Activity Details			Key Activities				Overall Project Health Indicator		
Vaitupu Water Scarcity Project, deliverable includes the installation of a new groundwater gallery to improve water security for the Island of Vaitupu supporting and diversifying existing sources of Rainwater and Desalination.			Activity	Date	Progress	General Remarks	Overall Health is ORANGE The Vaitupu Water Security Project grant extension has been signed between MFAT and SPC extending the project to December 2024 with project closure expected. Wrap up in March of 2025. Extension with TUV is currently underway and anticipated to be completed within the next two months. Procurement Activities are still underway with a tight schedule in place for the remaining construction activity which may push past the Dec window depending on material arrival.		
			Procurement	March 24	Delayed	Package 3 under evaluation			
			Material Delivery	May 24 -June 24*	Delayed	Supplier is focused on Nanumea & Motje Materials			
			Construction	Oct 24-Nov 24*	Partially Completed	Delayed expected to commence in 25			
Start	End	Revised	Commissioning	Apr 25*	Yet to Commence	Delays anticipated	Overall Health is ORANGE		
June, 2020	Dec, 2024	Dec, 24	Closure	May 25*	Yet to Commence	Delays anticipated			
Accomplishment – Last Month (November)			Plan for Next Month (December)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Gallery Materials ☐ Vendors has been contracted to facilitate the transport of Gallery Materials from Suva, Fiji to Funafuti, TUV			1. Environmental Approvals ☐ Collate necessary documentation for submission of the NOC ☐ Compile TOF for PEAR preparations.			(I) MFAT Extension	US		Follow up with MFAT for Extension and Compilation of New Country Grant Agreements
						(I) Environmental Approvals / Clearances	LC & US		Engage PEAR consultant to conduct PEAR for Vaitupu Galleries
						(D) Material Procurement	ADJ		Procurement through RFP23 – 5858 and RFP23 – 5982 to quicken procurement. Remaining materials through RFQ for quick purchase

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator

Incomplete

Delayed but Partially Complete

Completed on Time

DECISION & SUPPORT REQUIRED

Decision / Support Rendered	Related Activity	Rationale/Options	Responsible Party	Required Date
TCAP Support for Team and Material Mobilization	Nanumea Gallery & CBM Program	- Requesting Hall to assist with mobilization of materials to Nanumea, Consignment 1 is currently enroute to Funafuti - Material are now being transported via Marine Dept vessels - MCAP empty containers (4x) still need transporting to Nanumea if possible	CCD & Hall Contracting	Continuous
Inter-Island Travel – Mobilization of Team to Nui, Vaitupu, Nanumea	Vaitupu Gallery, Nanumea Gallery, Monitoring Borehole Drilling, CBM Program	Requesting assistance from the Marine Department with Scheduling of Trips to Nui, Nanumea and Vaitupu, providing early advise to team regarding changing schedules so arrangements can be made accordingly	Marine Department	Continuous
Option for Inter Island Materials Shipment	MCAP & Vaitupu	- Possible option of Barge Hire using the Scarcity Barge to run materials for Nanumea and Vaitupu Gallery. - Barge not able to enter Nanumea channel thus option not taken - Explore future barge options for empty containers (4x) transportation to Nanumea	SPC Suva Marine Dept	March 2025
Groundwater gallery material storage at Nanumea	Nanumea Gallery	Requesting assistance from Nanumea Kaupule for safe and secure storage space for gallery material from Feb 2025 till date of construction commencement.	Nanumea Kaupule	10 th February 2025
Mobilisation of contractor team to Nanumea Island	Nanumea Gallery	Requesting assistance from PWD to mobilise team for the Nanumea Gallery ready for transportation to Nanumea Island when new Water Engineer starts work.	PWD	Feb-Mar 2025

PACIFIC COMMUNITY (SPC) TUV PROJECT UPDATE

MONTHLY STATUS UPDATE

March 2025



Pacific
Community
Communauté
du Pacifique



NANUMEA GROUNDWATER GALLERY CONSTRUCTION

MCAP

MARCH 2025

Project Lead Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL) & Hazdin Sadouki (HS)
Project Support Raymond Schuster (RS)

Activity Details			Key Activities				Overall Project Health Indicator		
Construction of New Groundwater Gallery on Nanumea Island with assistance from Nanumea Kaupule and PWD. Gallery is to serve as a drought water source for use during extended dry periods to supplement dwindling rainwater storage reserves on the island, diversifying water sources and increasing resilience.			Activity	Date	Progress	General Remarks		Overall, Health is Orange No Cost Extension has been approved until April, 2026. Component activities are anticipated to be completed before the revised end date.	
			Procurement	March 24	Completed	Contract Signed 17/05 – Delayed by 1 Month			
			Material Delivery	September, 24	Completed	All of the material delivered to Nanumea			
			Construction	October 24*	Delayed	Revised commencement April 2025			
Start	End	Revised	Commissioning	May 25*	Yet to Commence	Updated based on preceding activities			
Mar, 20	Nov, 24	Apr, 26	Closure	Jun 25*	Yet to Commence	Updated based on preceding activities			
Accomplishment – Last Month (March 2025)			Plan – Next Month (April 2025)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Material Transport to Nanumea ❑ All material transported to Nanumea, with the assistance and support of NEAR Logistics Ltd and the Department of Marine and Ports Services. This includes the 4 purchased storage containers. 2. Materials Storage ❑ Material are currently stored in various locations on Nanumea island; ▪ Gallery site (open and sheltered storage) ▪ Water storage site (containers and open) ▪ Kaupule storage (storeroom and workshop) 3. Gallery Works Engagement Model ❑ DGA with PWD signed ❑ Water Engineer had series of meetings with the PWD team (supervisor and plumber) to familiarise them with the logistics of the works including the construction design and plans. 4. Environmental Compliance ❑ CEMP consultancy contracted			1. Materials Storage ❑ Verify and take stock of material shipped to Nanumea island when the construction team arrives to the island. 2. Environmental Compliance ❑ Follow up with CEMP consultancy deliverables with the consultant. ❑ Provide draft CEMP to key MCAP staff for review (SPC PMU, Water Engineer & Coordinator, Director CCD) ❑ Incorporate recommendations of the CEMP report into monitoring processes for the Gallery construction works. 3. Gallery Construction Mobilisation ❑ Team to travel to Nanumea in early April ❑ Team to discuss and set up all arrangements for the gallery construction works with the Kaupule and community (Labour requirements, schedules of works, community safety awareness, GRM, weekly or fortnightly monitoring, etc) 4. Gallery Construction works ❑ Commence constructions as per schedules and plans			(R) Changes to shipping schedule affecting material mobilization to Nanumea	LL		• Continue to arrange with Dept of Marine for options. Although the schedule has been strictly followed for much of Jan-March 2025, we are experiencing delays in early April affecting gallery construction mobilisation.
						(R) Pre-Construction Approvals for Gallery Construction	LL & LC		• Completed
						(D) Engagement model for Nanumea Gallery Construction	HS & PS		• Sign DGA with PWD • There is a need to train the PWD DGA admin team on reporting and other requirements under the agreement to ensure smooth and uninterrupted flow of the gallery construction work.
						(I) Water Engineer position vacated and needs urgent recruitment	PS		• New Water Engineer joined the MCAP Tuvalu team in late March

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete  Delayed but Partially Complete  Completed on Time

MONITORING BOREHOLE DRILLING PROGRAM

MCAP

MARCH 2025

Project Lead Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL), Hazdin Sadouki (HS)
Project Support Raymond Schuster (RS)

Activity Details			Key Activities				Overall Project Health Indicator			
Procurement and Deployment of Mobile Drill Rig to Tuvalu for the installation of monitoring and investigative boreholes. Drilling to take place for the following islands: • Funafuti • Nanumea • Vaitupu • Nui			Activity	Date	Progress	General Remarks			Overall, Health is Orange Monitoring Borehole Drilling activities under MCAP maybe deferred to Phase 2 of the project.	
			Procurement	April	Completed	Completed				
			EIA consultations and approvals	April-July 24	In Progress	Partly granted with full approval awaiting community approval from Ffuti				
			Drill Rig Arrival	Oct - Nov 24*	Completed	Arrived November 2024				
			Nanumea Deployment	Nov – Dec 24*	Yet to Commence	Deferred				
Start	End	Revised	Vaitupu Mobilization	Jan – Feb 25*	Yet to Commence	Deferred				
Mar, 20	Nov, 24	Apr, 26	Nui Mobilization	Mar - Apr 25*	Yet to Commence	Deferred				
Accomplishment – Last Month (March 2025)			Plan –This Month (April 2025)			Risk (R) Issue (I) Dependencies (D)		Owner	Status	Action / Mitigation
1. Logistics ❑ Checked location of container as there have been some movements of containers at the TCAP1 reclaimed land			1. Logistics ❑ Check on container twice weekly to ensure it is secured. 2. Community consultations ❑ Brief other communities of situation behind deferring Boreholes activity to next phase of the project			(I) Community Approval for Monitoring Borehole Drilling		LL & LC		• Community Approvals received, written approvals pending for Funafuti
						(R) Changes to shipping schedule affecting Rig Mobilization to Nanumea, Vaitupu & Nui		LL		• Early engagement with Marine to advise on project timeline and provide details of project requirements. • Explore option of charter or MLGA schedule to co-share for shipping of materials
						(D) Environmental Clearance for Drilling Works		LL & LC		• Consents to be submitted upon receipt and conditional approval released
						(I) Activity postponed due to budget and time constraints				• Currently postponed for implementation in next phase of the project

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

COMMUNITY BASED MONITORING PROGRAM

MCAP

MARCH 2025

Project Lead / Peter Sinclair (PS)
In Country Officers Lono Leneuoti (LL)
Project Support Raymond Schuster (RS)

Activity Details			Key Activities				Overall Project Health Indicator		
Local monitoring of water assets through Community Based Monitoring assessing aspects of Water Quality that include presence of E.Coli for Rainwater Harvesting Storage Systems, Storage Volumes and Salinity limits for Groundwater Wells. Data collected through community-based monitoring has the potential to assist with early drought monitoring of water storage volumes and information of contaminated sources to help advise precautionary measures that can assist with tracing of water borne disease outbreaks.			Activity	Date	Progress	General Remarks		Overall, Health is GREEN	
			Nanumea Refresher 1	11 th March, 24	Completed	Delayed, Completed 22/04		Monitor CBM activities for the last year of the project and develop and exit plan for the way forward for CBM post project completion	
			Vaitupu Refresher 1	1 st April, 24	Completed	Delayed, Completed 03/04			
			Nui Refresher 1	15 th April, 24	Completed	Delayed, Completed 30/05			
			Nanumea Refresher 2	20 th May, 24	Completed	Delayed, Completed 18/7 (Supervision of CBM)			
			Start	End	Revised	Vaitupu Refresher 2			5 th August, 24
Mar, 20	Nov, 24	Apr, 26	Nui Refresher 2	1 st September,24	Completed	Delayed, Completed 12/11			
Accomplishment – Last Month (March 2025)			Plan –This Month (April 2025)		Risk (R) Issue (I) Dependencies (D)		Owner	Status	Action / Mitigation
1. Monitoring fieldwork None of the other teams (Nui and Vaitupu) have submitted CBM fieldwork data for the first quarter 2025			1. Workplan for 2025 - Develop a schedule of fieldwork monitoring for all participating islands in consultation with the teams. - CBM meeting/way forward 2. Continue to monitor data received through Kobo Platform. 3. Procure replenishment supplies of Aquagenx test kits for the CBM program and replenish outer island CBM teams' stocks as appropriate		(I) High turnover of CBM Trained Volunteers		LL		Training to include Kaupule Staff to help drive CBM activities together with minimizing the turnover as Kaupule Staff are renumerated for services unlike Volunteers who may opt to leave the island for education or seeking jobs.
					(I) Need to Procure additional Aquagenx Kits together with other consumables		LL & RS		Order to be placed for Additional Aquagenx Kits together with locking pipes & latex gloves
					(I) Damaged Equipment requiring replacement		LL		Defective units have been repaired by supplier and currently in the process of shipping.
					(I) CBM outer island teams not being able to take the lead in conducting the fieldwork as per the agreed workplan		LL		Coordinator to continue following up with outer island teams through assigned leaders and provide support when needed.

Notes:

* Tentative, subject to confirmation

Traffic Light Indicator

 Incomplete

 Delayed but Partially Complete

 Completed on Time

VAITUPU GROUNDWATER GALLERY CONSTRUCTION
VWSP
MARCH 2025

Project Lead Uatea Salesa (US)
In Country Officers Hazdine Sadouki (HS)
Project Support Anna De Jong (ADJ) & Darryl Ikbal (DI)

Activity Details			Key Activities				Overall Project Health Indicators		
Vaitupu Water Scarcity Project, deliverable includes the installation of a new groundwater gallery to improve water security for the Island of Vaitupu supporting and diversifying existing sources of Rainwater and Desalination.			Activity	Date	Progress	General Remarks	Overall, Health is ORANGE The Vaitupu Water Scarcity Project grant extension was previously signed between MFAT and SPC extending the Project to December 2024 with project closure expected to Wrap up in March of 24. Grant extension with TUV is currently underway and anticipated to be completed within the next two months. Procurement Activities are still underway with a tight schedule in place for the remaining construction activity which may push past the Dec window depending on material arrival.		
			Procurement	March 24	Delayed	Package 3 under evaluation			
			Material Delivery	May 24 -June 24*	Delayed	Supplier is focused on Nanumea & Wotje Materials			
			Construction	Oct 24-Nov 24*	Partially Completed	Delayed expected to recommence in 25			
Start	End	Revised	Commissioning	Apr 25*	Yet to Commence	Delayed anticipated			
June, 2020	Dec, 2024	Dec, 24	Closure	May 25*	Yet to Commence	Delayed anticipated			
Accomplishment – Last Month (November)			Plan –This Month (December)			Risk (R) Issue (I) Dependencies (D)	Owner	Status	Action / Mitigation
1. Gallery Materials ☐ Vendors has been contracted to facilitate the transport of Gallery Materials from Suva, FJ to Funafuti, TUV			1. Environmental Approvals ☐ Completed said documentation for the submission of the NOD ☐ Compile TOR for PEAR Preparations.			(I) MFAT Extension	US		Follow up with MFAT for Extension and Compilation of New Country Grant Agreements
						(I) Environmental Approvals / Clearances	LC & US		Engage PEAR consultant to conduct PEAR for Vaitupu Galleries
						(D) Material Procurement	ADJ		Procurement through RFP23 – 5858 and RFP23 – 5982 to quicken procurement. Remaining materials through RFQ for quick purchase

Notes:
* Tentative, subject to confirmation

Traffic Light Indicator

Incomplete

Delayed but Partially Complete

Completed on Time

DECISION & SUPPORT REQUIRED

Decision / Support Rendered	Related Activity	Rationale/Options	Responsible Party	Required Date
Inter-Island Travel – Mobilization of Team to Nui, Vaitupu, Nanumea	Vaitupu Gallery, Nanumea Gallery, Monitoring Borehole Drilling, CBM Program	Requesting assistance from the Marine Department with Scheduling of Trips to Nui, Nanumea and Vaitupu, providing early advise to team regarding changing schedules so arrangements can be made accordingly	Marine Department	Continuous
Option for Inter Island Materials Shipment	Vaitupu	Possible option of Barge Hire using the Scarcity Barge to run materials for Vaitupu Gallery.	SPC Suva Marine Dept	Second Quarter 2025
Groundwater gallery material storage at Nanumea	Nanumea Gallery	Requesting assistance from Nanumea Kaupule for safe and secure storage space for gallery material from Feb 2025 till date of construction commencement.	Nanumea Kaupule	Mar-Apr 2025
Mobilisation of contractor team to Nanumea Island	Nanumea Gallery	Requesting assistance from PWD to mobilise team for the Nanumea Gallery ready for transportation to Nanumea Island when new Water Engineer starts work.	PWD	Apr 2025