

# WASTEWATER MASTER PLANS

LAMI-NABORO CORRIDOR AND NAUSORI/GSA

*Stakeholder Briefing  
29th July 2025*



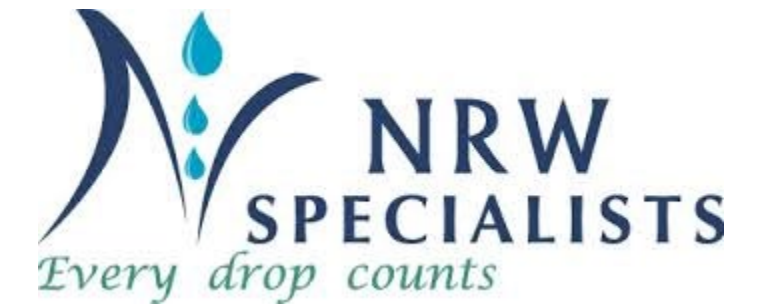


# Agenda



1. Welcome by WAF
2. Project Background
3. Lami-Naboro Master Plan
4. Proposed Lami Wastewater Treatment Plant  
Location
5. Stakeholder Discussion and Inputs
6. Nausori -Nasinu Master Plan
7. Proposed Nausori Wastewater Treatment Plant  
Location
8. Stakeholder Discussion and Inputs
9. Closure





# WASTEWATER MASTER PLANS

LAMI-NABORO CORRIDOR AND NAUSORI/GSA

*Stakeholder Briefing*  
*29th July 2025*





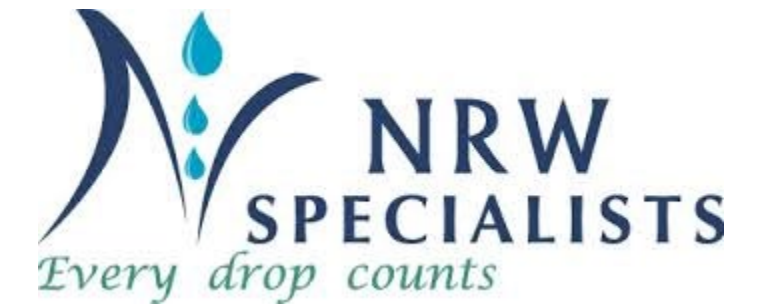


# Welcome Address

**Ratu Savenaca Seniloli**  
WAF Board Member







# WASTEWATER MASTER PLANS

LAMI-NABORO CORRIDOR AND NAUSORI/GSA

*Stakeholder Briefing  
29th July 2025*





# FORUM Objectives



- Inform stakeholders about the wastewater masterplan scope and purpose
- Gather feedback of all relevant parties to incorporate diverse perspectives .
- Build trust with stakeholders by providing clear communication and responding to stakeholder needs .
- Identify potential conflicts or ownership issues among municipalities and stakeholders early to minimize barriers
- Promote collaboration for wastewater management outcomes by involving stakeholders in decision -making and planning .
- Ensure that public health, environmental protection, and social impacts are considered



# PROJECT Background



- ✓ Suva/ Nausori wastewater system is under pressure due to increased population growth and increased development especially on the periphery of the existing sewerage area along the Lami-Naboro corridor and the Nausori -Nasinu Area

A strategic assessment by WAF concluded that it is not considered effective to maintain the current centralised wastewater treatment system .



# PROJECT Background



- Limited land availability in Kinoya for expansion of Kinoya Wastewater Treatment Plant (Kinoya WWTP) to treat past 311,000 EP limitation for conventional treatment methods .
- Available space to be used for redundancy capacity and not maximized to meet demand
- Higher capital and operational costs for higher state of the art technologies
- High pumping costs and residual management issues to be encountered if conveying all flow to Kinoya .
- Large portions of network infrastructure already aged, deteriorated and undersized .
- Backlog of sewer extensions within the GSUA is delayed . Will delay Lami-Naboro Corridor and Nausori GSUA coverage if all flow to be conveyed to Kinoya WWTP
- Upgrade to infrastructure to convey all flow to Kinoya will be extensive work with respect to land space availability and cost . Developed areas within the GSUA are already congested
- Limited space availability to upsize existing pump stations to accommodate necessary flow volume







# QUICK Question 1



How do you anticipate this will influence organizational activities?





# Master Plan Lami Naboro Corridor

- The Proposed Planning Area extends from Walu Bay (Desbro Pump Station near NFA) up to Naboro Landfill Site near the Prison Complex





# Master Plan Area Lami Naboro Corridor

➤ Lami Naboro Master Plan Area





# Master Plan Lami Naboro Corridor

- The Lami Area has a small Wastewater Treatment Plant (Wailada WWTP) servicing a small sewered area as shown below:
- In addition, the Maritime Essential Services Centre (MESCC) also has a small WWTP to service its own needs.



# Master Plan Area Lami Naboro Corridor

- The prison complex in Naboro has a Wastewater Treatment Plant to service the prison and prison staff quarters

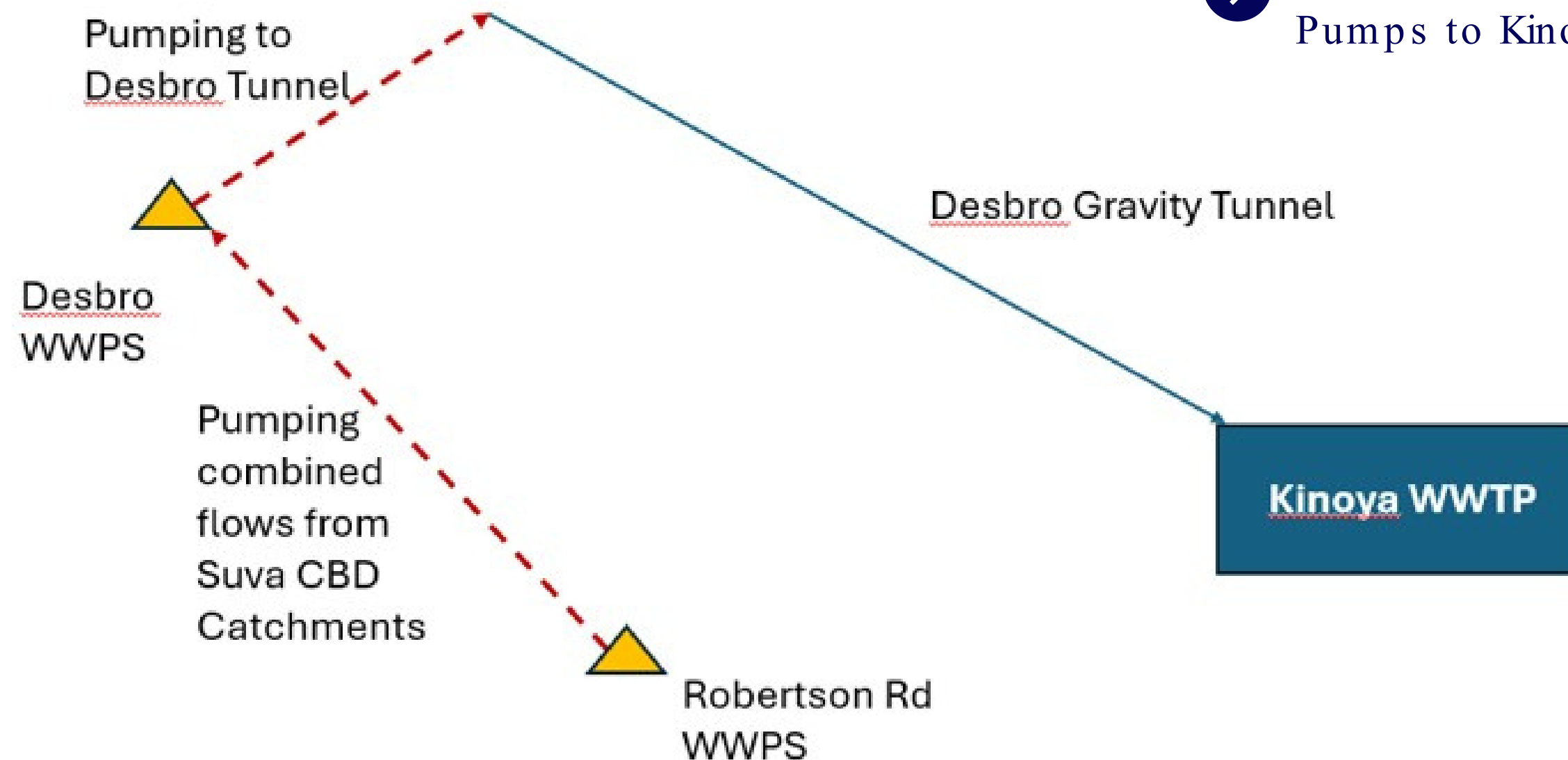




# Potential Solution Overview

## Lami Naboro Corridor

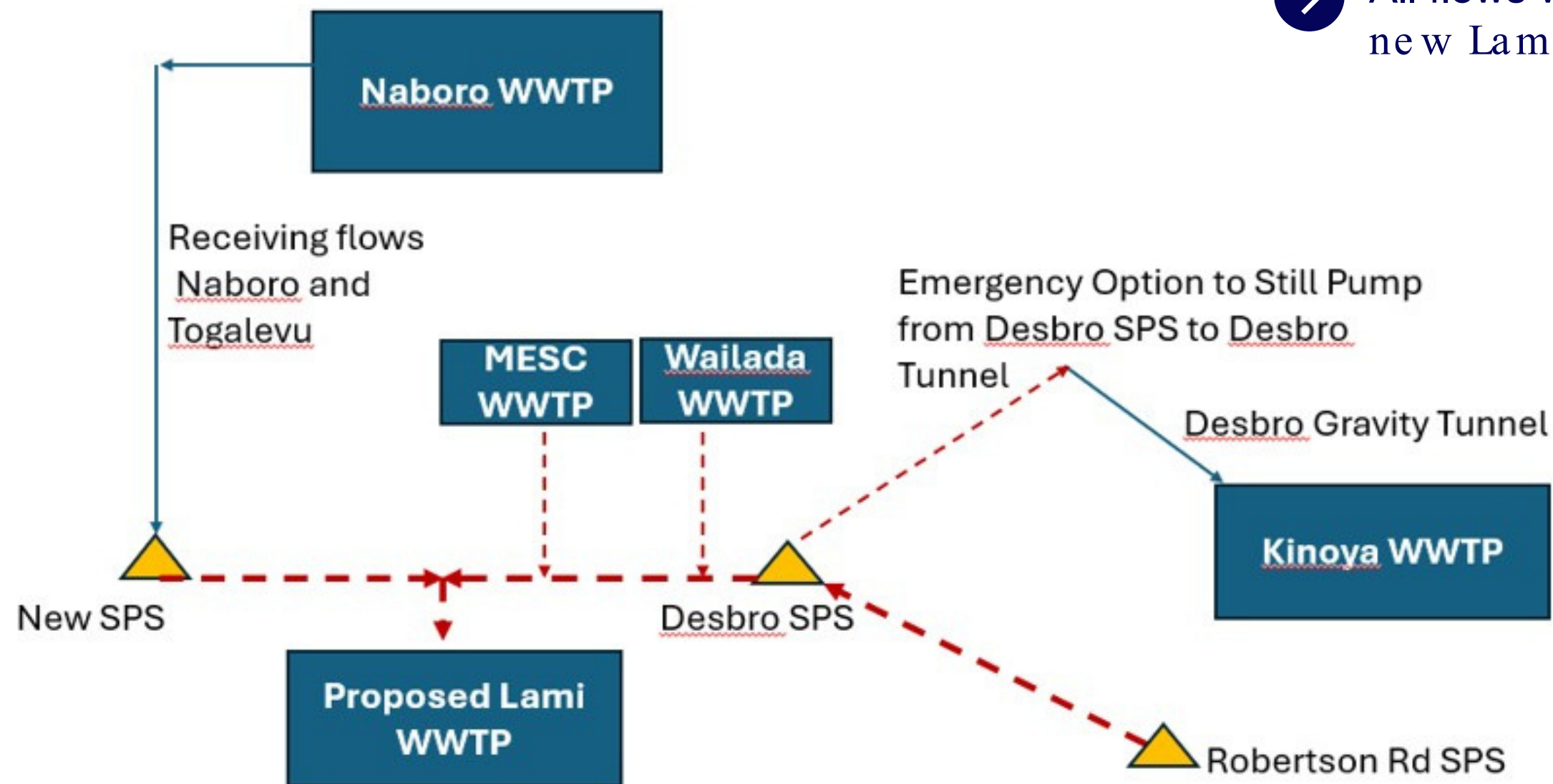
> The Current Western System  
Pumps to Kinoya WWTP



# Potential Solution Overview

## Lami Naboro Corridor

➤ All flows would be pumped to the new Lami W WTP







Supermarket and Service Station

FMF Biscuit Factory

# Proposed WWTP Site Lami Naboro Corridor



The proposed Lami WWTP is to be located in Veisari

Potential New Lami WWTP Site

# Proposed WWTP Site Lami Naboro Corridor



The proposed Lami WWTP is to be located in Veisari

Road to  
Bilo Battery

Potential additional  
land parcel

Preliminary Site  
identified for New  
STP

Queens Road





# Discussion Session 1



# Morning Tea







# WASTEWATER MASTER PLANS

LAMI-NABORO CORRIDOR AND NAUSORI/GSA

*Stakeholder Briefing  
29th July 2025*





# QUICK Question 2



What specific issues should we prioritize in the wastewater masterplan discussion?





# Proposed Lami WWTP Site Cadastral

➤ Cadastral Boundary of  
Proposed Site



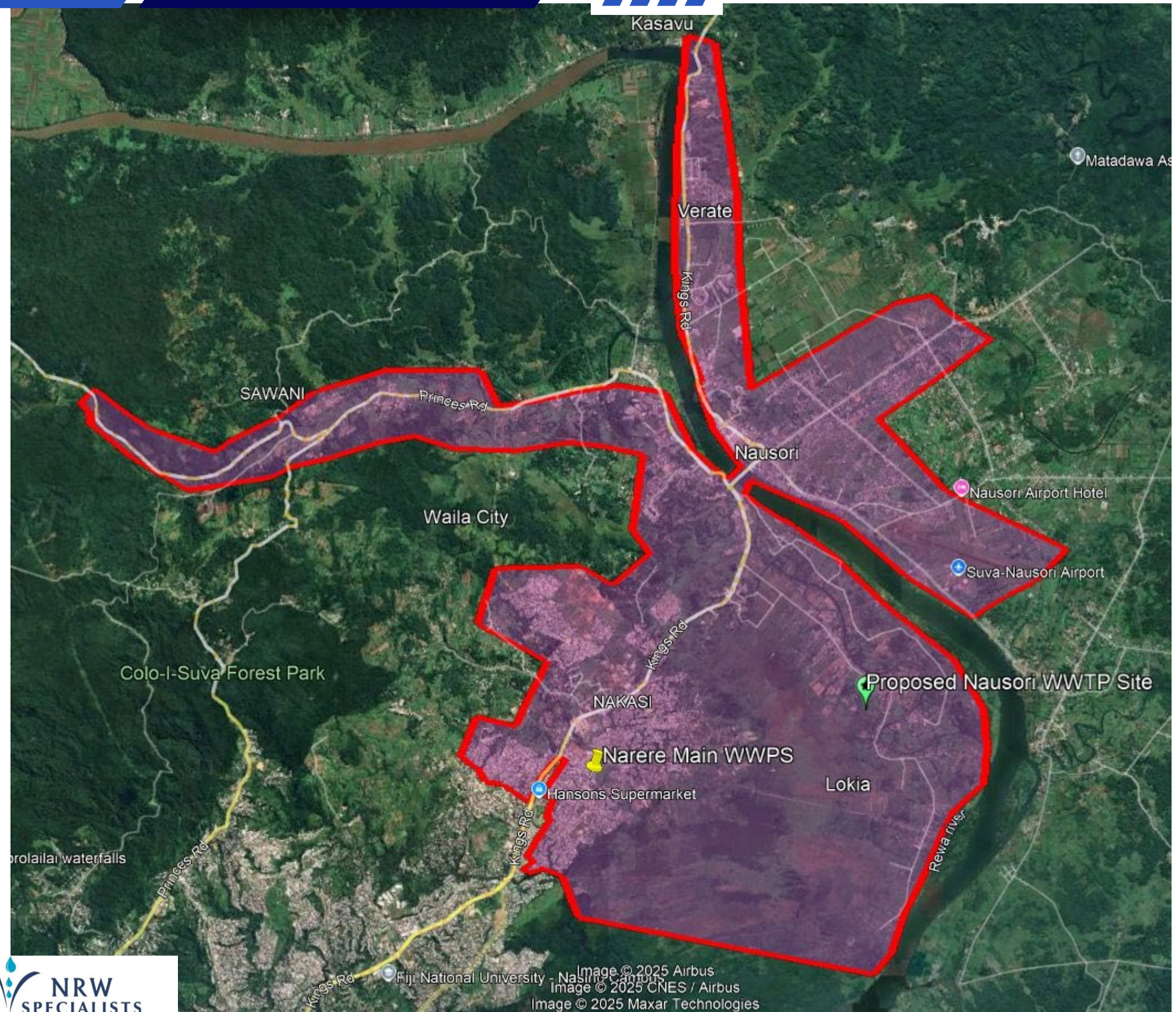
# Nausori - Nasinu Master Plan

- The Proposed Planning Area extends from Eastern Suva and includes Nausori





# Nausori - Nasinu Master Plan

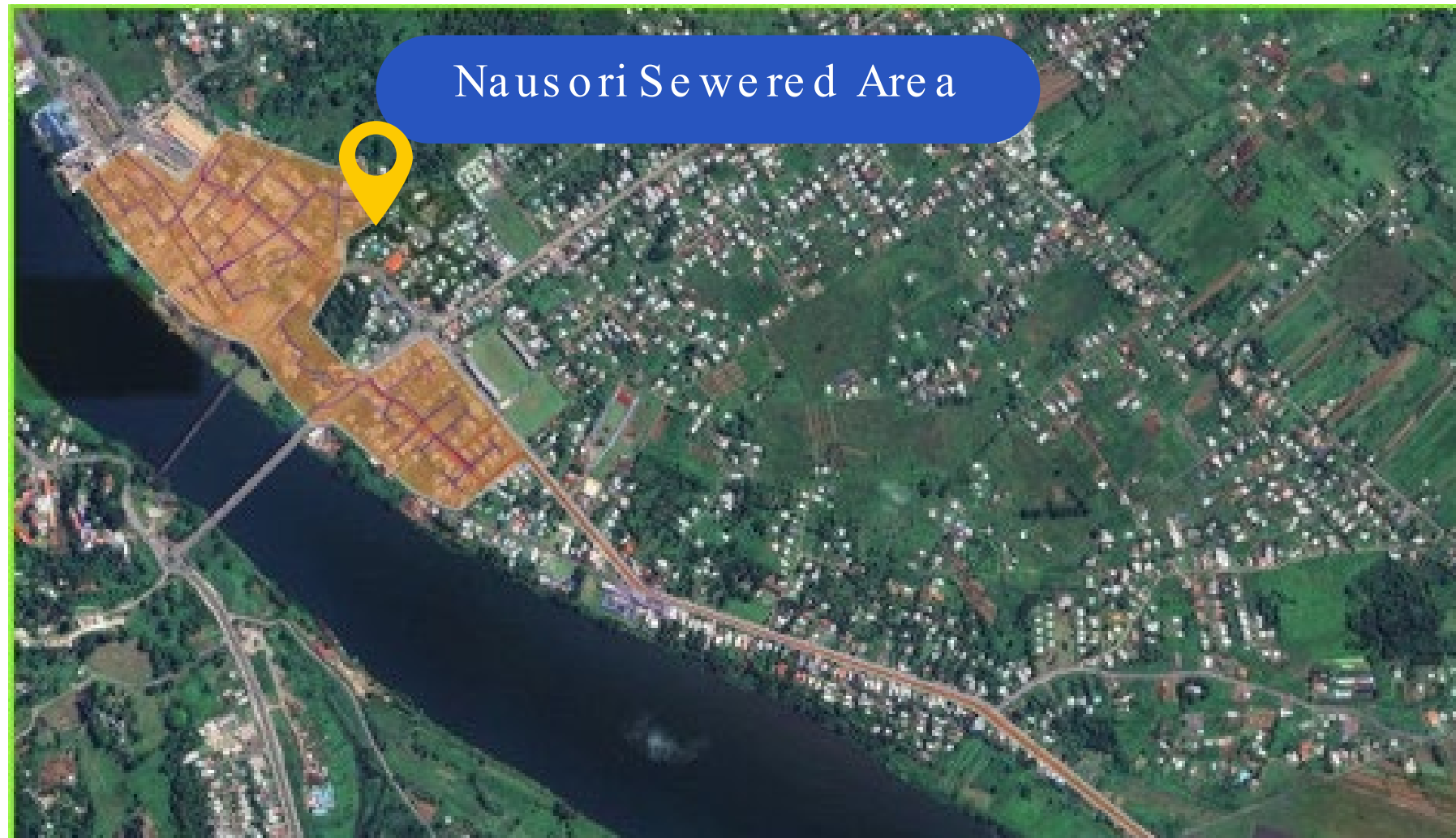




# Master Plan

## Nausori - Nasinu

- Nausori has one sewered area shown below which is serviced by Nadali W WTP.

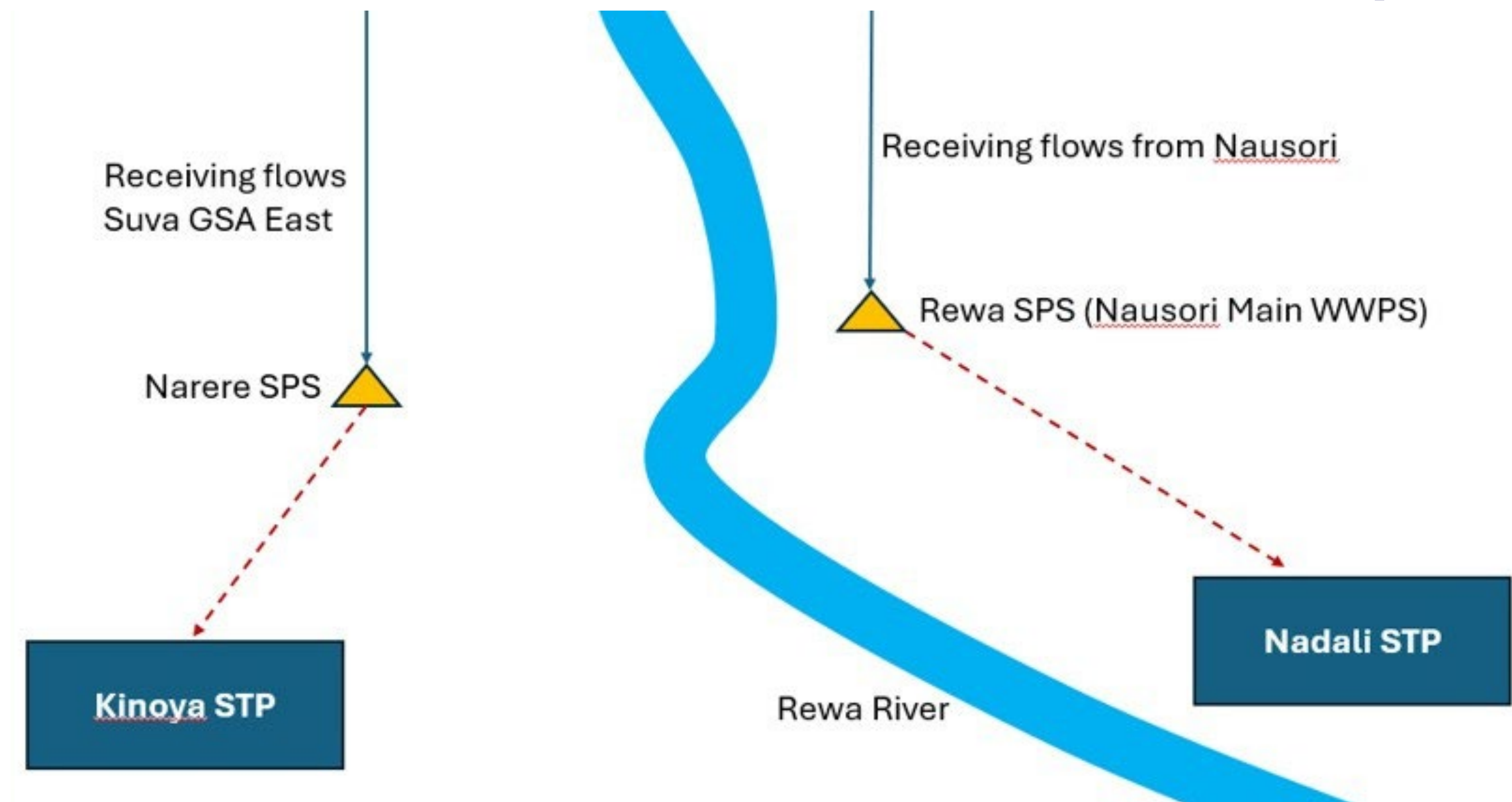




# Existing System Overview

## Nausori - Nasinu

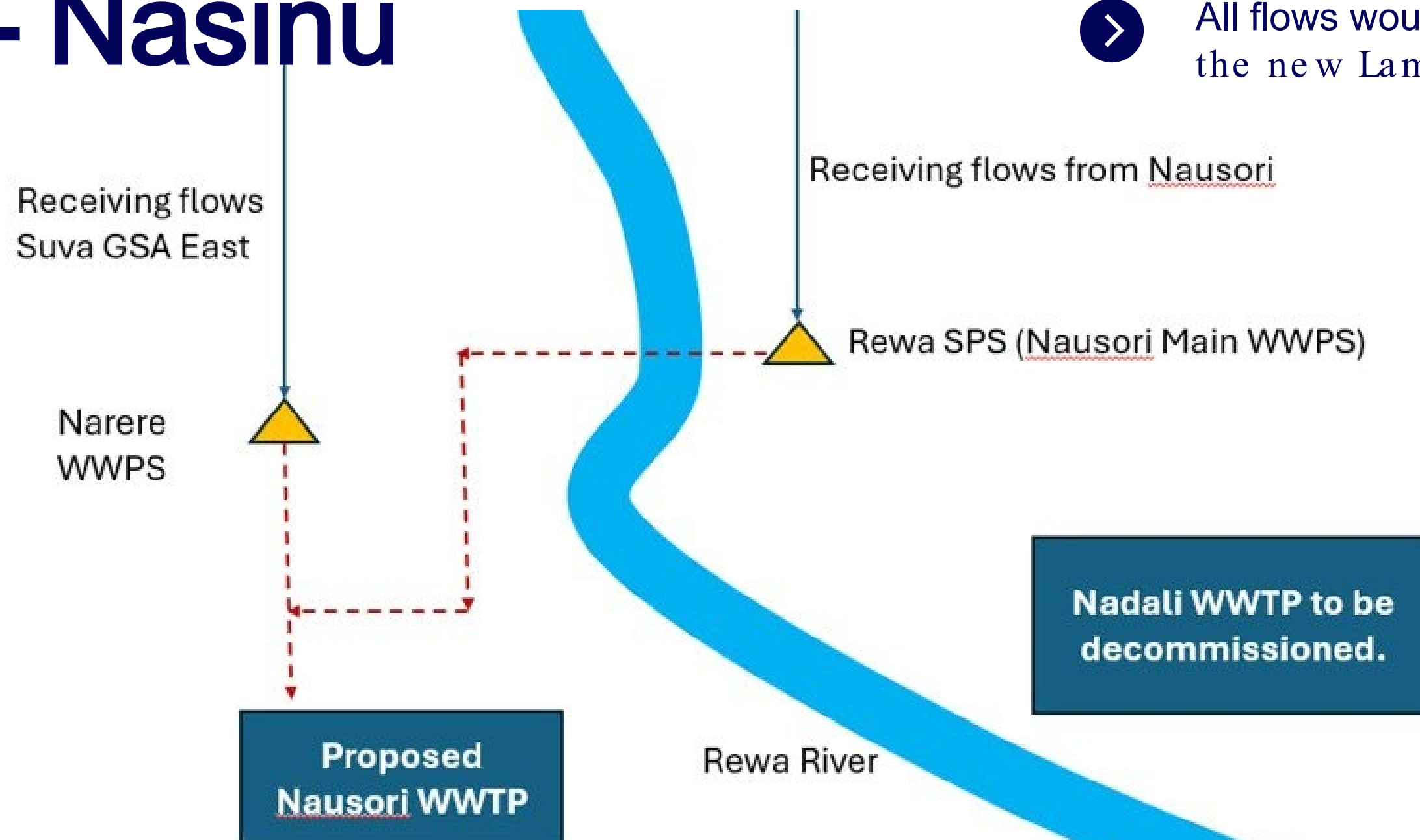
➤ The Current Western System  
Pumps to Kinoya W WTP



# Potential Solution Overview

## Nausori - Nasinu

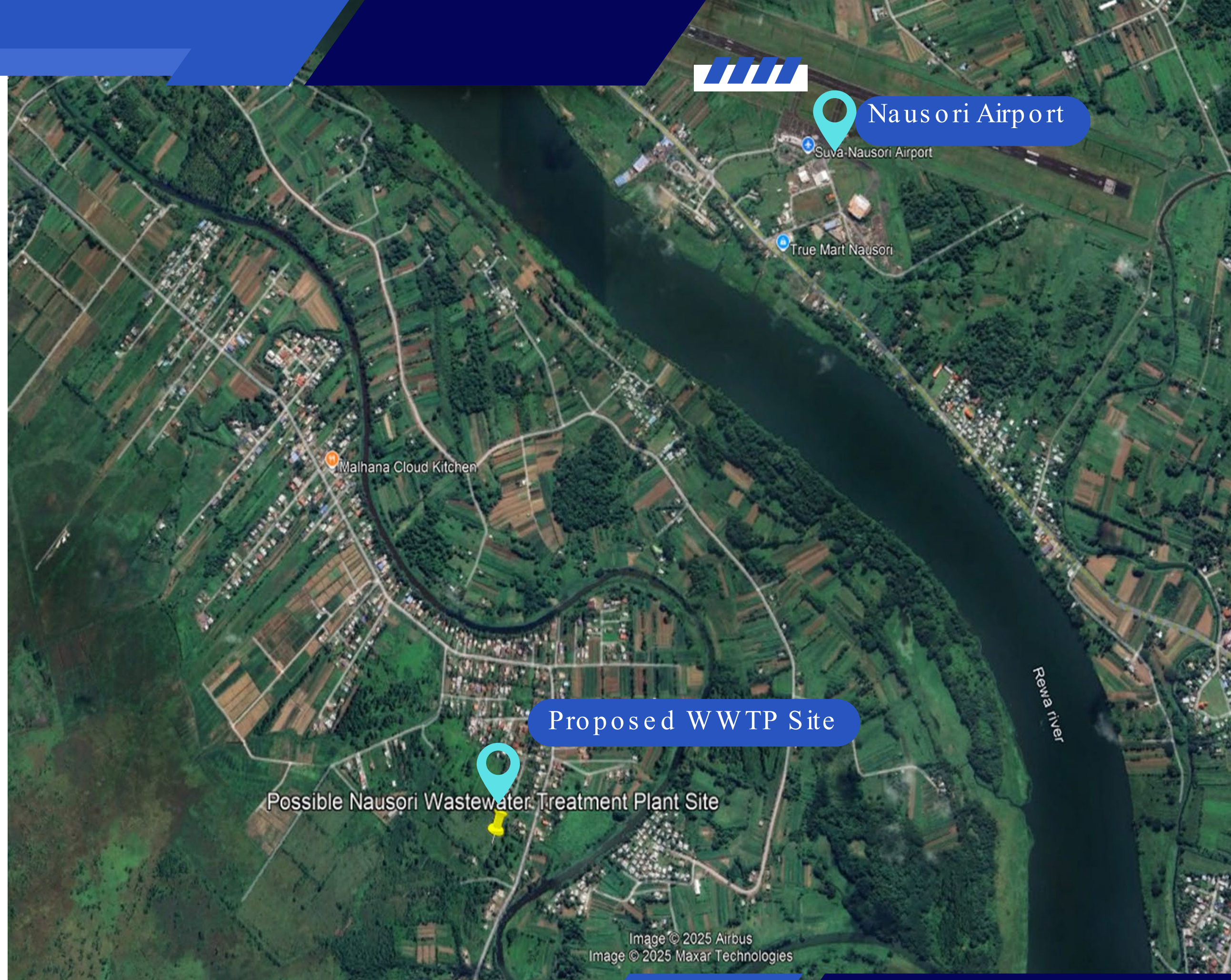
➤ All flows would be pumped to the new Lami W WTP





# Nausori - Nasinu Proposed WWTP Site

- The proposed Nausori WWTP is to be located in Lokia





# Proposed Nausori WWTP Site Cadastral

➤ Cadastral Boundary of  
Proposed Site







# Discussion Session 2



# Stakeholder Inputs and Project Timing



## Stakeholder Inputs :

- We request that all relevant information from stakeholders be submitted to the team by Friday 15th August 2025
- The data collection and literature review will be completed at the end of August
- The sewer network model will be built taking into account stakeholder submissions



## Interim Stakeholder Meetings/Discussions

- Meetings/discussions will take place with individual stakeholders as required to clarify key items



## Draft Master Plans

- The Draft Master Plans will be submitted to stakeholders (October 2025 ) for comments before they are finalised



# Final actions for Today



The following key actions are requested :

On the paperwork in front of you, we request that you list the following (they can be added to /amended later by email etc):

- Any developments that you believe are relevant to the planning
- Any concerns or limitations you think may affect the proposed planned works
- Any other key information that you believe that we should consider



# Closing Remarks

**Vula Vakacegu**  
WAF Board Member







**Thank You**  
**For Your Attention**

