



## Project Data Sheet

Project 32200-023

Project Name	Suva-Nausori Water Supply and Sewerage Project (Supplementary Loan)	
Project Number	32200-023	
Country / Economy	Fiji	
Project Status	Closed	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	<b>Loan 2603-FIJ: Suva-Nausori Water Supply and Sewerage Project (Supplementary Loan)</b>	
	Ordinary capital resources	US\$ 23.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development	
Sector / Subsector	<b>Water and other urban infrastructure and services</b> / Urban policy, institutional and capacity development - Urban sewerage	
Gender		
Description	<p>The objective of the project is to assist human and economic development in Fiji through the development of water supply and sewerage services in the Suva and Nausori urban areas. A new water source will be developed, water treatment plants will be extended and rehabilitated, and pipelines and distribution systems will be developed; sewerage pumping stations and trunk services will be rehabilitated, and sewerage networks will be extended. The project will provide water and sewerage services of a standard that is suitable for commercialized operations, and will complement institutional developments that are being assisted by the Bank.</p>	
Project Rationale and Linkage to Country/Regional Strategy	<p>Increased economic activity and population growth in Fiji's urban centers have made current water supply and sewerage services inadequate. Extension and rehabilitation of water supply systems are required in order to provide reliable services, improve the urban environment, and assist the development of commercial enterprises including tourism.</p>	
Impact	Improved living standards in the Suva Nausori area, particularly for the urban poor	

### Project Outcome

Description of Outcome	Increased coverage and improved delivery of water supply and sewerage services to the residents of the Suva Nausori area.
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Progress Toward Outcome	<p>All physical works to be funded by ADB under the original loan were concluded as at 30 September 2012. 16 Project contracts including both water and sewerage components were completed. Implementation activities under the supplementary loan concluded on 30 June 2014. It is evident that more people are accessing both water and sewerage services as delivery networks have been enhanced and extended. Decrease in unplanned water service interruption and sewer spills have also been noted. Under the Project, work has started on rectifying frequent water loss areas and identifying and reducing unaccounted water outflows. However, it is expected that WAF will be vigorously taking this forward from here. A good measure of the impacts and outcomes achievement of the project will be possible after all components completed under the Supplementary loan are fully commissioned and the EA collates all the relevant data against the baseline figures. The component for proper disposal of Alum Solids at both the the Waila and Tamavua Water Treatment Plants was also completed under the supplementary loan.</p>
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### Implementation Progress

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Description of Project Outputs	<p>TBD</p> <ol style="list-style-type: none"> <li>1. Corporatized urban water and sewerage services</li> <li>2. Community education and awareness program implemented and community liaison officer recruited</li> <li>3. Waila and Tamavua water treatment plants upgraded</li> <li>4. Kinoya sewage treatment plant upgraded</li> <li>5. Water supply network rehabilitated and augmented, water supply loss programs implemented, and capacity for leak detection and repair improved</li> <li>6. Sewerage system expanded to new and "backlog" areas, and existing network rehabilitated</li> </ol>
Status of Implementation Progress (Outputs, Activities, and Issues)	AS ABOVE.
Geographical Location	Nation-wide, Central, Kasavu, Kinoya, Nasinu, Nausori, Suva, Tamavua, Waila, Walu Bay

### Safeguard Categories

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Environment	B
Involuntary Resettlement	B
Indigenous Peoples	C

### Summary of Environmental and Social Aspects

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Environmental Aspects	An initial environmental examination for the Project has confirmed the classification as category B. The Project's overall environmental effects are positive. It will benefit the environment through (i) a substantial reduction of sewage entering the groundwater, streams, and the sea because of inadequate treatment in septic tanks; (ii) a substantial reduction of sewage pump station failures and consequent overflows, which often seriously affect low-lying communities near coastal waters; (iii) the provision of sludge treatment facilities at the two project water treatment plants; and (iv) better performance and effluent quality from the Kinoya sewage treatment plant. The rehabilitation and augmentation of that plant will enable access to carbon credits through the Clean Development Mechanism. These improvements will help to reduce the pollution of streams, drains, and coastal waters in the project area. Environmental monitoring and management plans, incorporated into civil works contracts, are being implemented effectively and are monitored by the WSD's environment officer.
Involuntary Resettlement	Very Limited impact - Short land acquisition and resettlement plans were prepared and updated during the detailed design phase. The resettlement plans were disclosed to affected people and posted on the ADB website.
Indigenous Peoples	No Impact

### **Stakeholder Communication, Participation, and Consultation**

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During Project Design	Community leaders were consulted, consumer surveys were carried out, and beneficiary participation developed for project implementation. Public consultations during the feasibility study focused on the issues of land availability and social impact assessment of the various project components. In particular, the feasibility study team met with village leaders and a group of women fisherfolk in the Rewa River area. Such consultation with the affected communities will be an ongoing process during project implementation.
During Project Implementation	Consultations with relevant stakeholders maintained.

### **Business Opportunities**

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Consulting Services	Four separate consulting services contracts will be financed under the Supplementary Loan to assist the Government to implement (i) the water Loss reduction Program; (ii) the Leak Detection Training Program; (iii) the Environmental Monitoring Program; and (iv) PMU Technical Support Consultants. The consultants will be recruited through a firm in accordance with the Guidelines on the Use of Consultants by Asian Development Bank and its Borrowers (2007, as amended from time to time) using quality-and-cost-based selection procedures with a quality and cost ratio of 80:20.
Procurement	All procurement to be financed by ADB loan will be carried out in accordance with ADB's Procurement Guidelines (2007, as amended from time to time). Civil works contracts shall be procured following international and national competitive bidding procedures and ADB's standard bid documents.
Responsible ADB Officer	Narayan, Vijay
Responsible ADB Department	Pacific Department
Responsible ADB Division	Pacific Subregional Office in Suva, Fiji

Executing Agencies

*Min of Public Utilities (W&E), Works & Transp  
Nasilivata House, Samabula  
P.O.Box 2493, Government Buildings  
Suva, Fiji Islands*

### Timetable

Concept Clearance	20 Jul 2009
Fact Finding	04 Aug 2009 to 07 Aug 2009
MRM	09 Sep 2009
Approval	15 Dec 2009
Last Review Mission	-
PDS Creation Date	08 Jun 2010
Last PDS Update	02 Mar 2015

### Loan 2603-FIJ

#### Milestones

Approval	Signing Date	Effectivity Date	Closing	Revised	Actual
			Original		
15 Dec 2009	18 May 2010	01 Jul 2010	31 Dec 2012	30 Jun 2014	14 Apr 2015

#### Financing Plan

#### Loan Utilization

Total (Amount in US\$ million)			Date	ADB	Others	Net Percentage
Project Cost	23.00	Cumulative Contract Awards				
ADB	23.00	17 Jun 2022	22.26	0.00		100%
Counterpart	0.00	Cumulative Disbursements				
Cofinancing	0.00	17 Jun 2022	22.26	0.00		100%

#### Status of Covenants

Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	Satisfactory	Satisfactory	Satisfactory	Satisfactory	-	Satisfactory

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