



Fiji: Suva Nausori Water Supply and Sewerage Project

Project Name	Suva Nausori Water Supply and Sewerage Project								
Project Number	32200-013								
Country / Economy	Fiji								
Project Status	Closed								
Project Type / Modality of Assistance	Loan Technical Assistance								
Source of Funding / Amount	<table><tr><td colspan="2">Loan 2055-FIJ: Suva Nausori Water Supply and Sewerage Project</td></tr><tr><td>Ordinary capital resources</td><td>US\$ 47.00 million</td></tr><tr><td colspan="2">TA 4270-FIJ: Capacity Building in Water and Sewerage Services</td></tr><tr><td>Technical Assistance Special Fund</td><td>US\$ 783,000.00</td></tr></table>	Loan 2055-FIJ: Suva Nausori Water Supply and Sewerage Project		Ordinary capital resources	US\$ 47.00 million	TA 4270-FIJ: Capacity Building in Water and Sewerage Services		Technical Assistance Special Fund	US\$ 783,000.00
Loan 2055-FIJ: Suva Nausori Water Supply and Sewerage Project									
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Technical Assistance Special Fund	US\$ 783,000.00								
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth								
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development								
Sector / Subsector	Water and other urban infrastructure and services / Urban sewerage - Urban water supply								
Gender	Some gender elements								
Description	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.								
Project Rationale and Linkage to Country/Regional Strategy	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.								
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.
Progress Toward Outcome	All physical works to be funded by ADB under the original loan have concluded as of 30 September 2012. 16 Project contracts including both water and sewerage components have been completed. Some related project activities including provision for adequate Alum Solids treatment at Waiala and Tamavua Water Plants are still continuing under the supplementary loan. 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. Work has started on rectifying water leaks/loss areas and identifying and reducing unaccounted water outflows. A good measure of the impacts and outcomes achievement of the project will be possible after the activities under the Supplementary loan are completed and the EA collates all the relevant data against the baseline figures.

Implementation Progress

Description of Project Outputs	<ol style="list-style-type: none">1. Corporatized urban water and sewerage services2. Community education and awareness program implemented and community liaison officer recruited3. Waiala and Tamavua water treatment plants upgraded4. Kinoya sewage treatment plant upgraded5. Water supply network rehabilitated and augmented, water supply loss programs implemented, and capacity for leak detection and repair improved6. Sewerage system expanded to new and "backlog" areas, and existing network rehabilitated
Status of Implementation Progress (Outputs, Activities, and Issues)	<ol style="list-style-type: none">1. WAF officially commenced operations on 1 January 2010 and its staff plan is now completed. This task is complete.2. Community education and awareness program is an ongoing task.3. The Government has reviewed the Alum Solids treatment requirements of this component and civil works has commenced from March 2013 to be financed under the supplementary loan.4. Rehabilitation and Refurbishing of Kinoya Sewage Treatment Plant has been completed with the new sludge digester and flares working well.5. Recruitment of individual consultants (Senior Water Engineer, Senior Wastewater Engineer, Senior Environmental Engineer and/or Scientist and Water Loss Engineer) is completed and all four engineers are onboard.6. i) For the Smabula and Suva Point backlog sewer component, the contracts were awarded in 2012 and work is nearing completion with commissioning now expected in October 2013.
Geographical Location	Nation-wide, Kinoya, Naitasiri Province, Nausori, Province of Rewa, Suva, Tamavua Heights, Waiala

Safeguard Categories

Environment	B
Involuntary Resettlement	
Indigenous Peoples	

Summary of Environmental and Social Aspects

Environmental Aspects	An initial environmental examination for the Project has confirmed the classification as category B. The Projects 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	
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	
Consulting Services	International consultants are required as follows: (i) Project management unit reforms (institutional development, financial management, management information system, operations management and training. (ii) Water loss reduction (iii) Inflow/infiltration study of wastewater collection system (iv) Environmental monitoring (v) Mapping and geographical information systems. Also, subproject design and construction supervision services will be procured and funded by the Government.
Procurement	International procurement of civil works and supply of equipment will be required; contract packages are to be determined.

Responsible ADB Officer	Masih, Evaron Doris
Responsible ADB Department	Pacific Department
Responsible ADB Division	Pacific Subregional Office in Suva, Fiji
Executing Agencies	Ministry of Works and Energy Mr Sereicokoko yanuyanuraa s.yanu@fijiwater.gov.fj nasilivata House, Ratu Mara Rd. Samabula, Suva Fiji

Timetable	
Concept Clearance	08 Mar 1999
Fact Finding	26 Mar 2000 to 16 Apr 2000
MRM	16 Nov 2001
Approval	18 Dec 2003
Last Review Mission	-
PDS Creation Date	26 Nov 2006
Last PDS Update	25 Sep 2013

Loan 2055-FIj

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
18 Dec 2003	05 Aug 2004	08 Dec 2004	30 Jun 2009	30 Sep 2012	03 Sep 2013

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	72.40	Cumulative Contract Awards			
ADB	47.00	17 Jun 2022	46.43	0.00	100%
Counterpart	25.40	Cumulative Disbursements			
Cofinancing	0.00	17 Jun 2022	46.43	0.00	100%

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

TA 4270-FIJ

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
18 Dec 2003	23 Jan 2004	23 Jan 2004	31 Jul 2005	15 Dec 2007	22 Apr 2008

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
783,000.00	0.00	0.00	0.00	0.00	0.00	783,000.00	17 Jun 2022	647,426.68

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

Project Page	https://www.adb.org/projects/32200-013/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=32200-013
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