



How the 2018-2019 Budget Allocation for Water Authority of Fiji Will Be Spent

The total allocation to the Water Authority of Fiji (WAF) in the 2018-2019 Budget is **\$349.3 million**, comprising of **\$102.8 million** to cover operating costs and **\$246.5** for capital expenditures.

The detailed breakdown of the programmes under the Capital Budget can be found within this informational booklet.



Water Sources and Water Treatment Plants

\$33,732,207

This project improves and upgrades water treatment plants to increase access to clean, safe and reliable water supply throughout Fiji.

Water Package Treatment Plants Implementation Works

- Nabouwalu Package Plant - \$3,383,664: procures, installs and commissions a 1.0ML/D package water treatment plant;
- Capacity upgrade and construction works for Waiwai & Deuba - \$2.0 million;
- Civil works for Levuka & Savusavu Package Plants – \$1.7 million; and
- Nagado Package Plant - \$8,313,343.

New Water System

- Vakaderebua New Water System (ongoing) - \$1,375,000: covers the cost of road upgrade works, construction of weir and intake structure for the Vakaderebua creek water source which is expected to benefit 1,630 people.



Water Treatment Plant (WTP) Upgrades

- Unplanned Power Failure Shutdown & Pump Breakdown Repairs (\$1,500,000);
- Waila Raw Water Pump Shutdown (\$1,700,000);

- Vaturu Leak Repair (\$1,343,400);
- Nagado Inlet Shutdown Repair works (\$2,686,800); and
- Nabouwalu Source Upgrade (\$350,000).

Water Treatment Plants Automation

- Automation of the Nagado (\$1,000,000) and Matovo (\$500,000) water treatment plants.

- Installation of stainless steel water tanks to improve water storage and distribution at Nadi Hospital (1ML), Lautoka Hospital (1ML), Phluggers in Lautoka (3ML), Tacirua East (1ML), Toorak (1ML), Tauvegavega in Ba (1ML) and Lolobalavu in Nadi (5ML) - \$5,730,000.



- Rollover projects (\$2,150,000): Vakaderebua new water system (\$1,350,000); Nagado (\$300,000); and Matavo (\$500,000).

Water Distribution System Project

\$51,709,279

This project increases water distribution infrastructure capacity to meet the growing demand for safe drinking water.

- Systems Reticulation Gap Feasibility Study
 - Sigatoka to Deuba - \$250,000.
- Extension of Water Mains to expand water coverage to non-metered areas and connect them to the WAF reticulation system
 - Central Division - \$358,500: Homes of Hope Mains Extension.
 - Western Division - \$8,060,772: Momi Reservoir to Uciwai Junction - Phase 1, Solovi Heights, Yako Seaside, Arolevu - Stage 2, Uciwai Settlement - Phase 1, Waiwai Header Tank – Phase 1, Matalevu, Tokoloa, Volivoli – Phase 1, Lauwaki Settlement – Phase 1, After EFL Control Centre to Bridge crossing in Lautoka, Naholo Village, Munirathnam Road, Keiyasi, Nadi Bay Road, Denarau Extension to Denarau Bypass – Phase 1 and Newtown Road in Nadi.
 - Northern Division - \$1,000,000: Navudi to Navai and Kawakawavesi to Coloci in Seaqaqa.
- Hydraulic Mains Improvement for the replacement and duplication of aged pipes to reduce head and water loss
 - Central/Eastern - \$2,431,293: Mead Road, Vuninokonoko in Navua, Ratu Kadavulevu Road, Nawame Road – Tacirua East, upgrade of galvanised pipes for the Moala Water



Supply System, Vanua Balavu Reservoir to Airport, Kedekede Water Mains and Lakeba Water Supply Scheme.

- Western Division - \$7,220,123: Vuniyasi (Koro Makawa) to Queens Highway, Jacks along Queens Highway – Phase 1, Nasoso, Vakabuli Reservoir Outlet – Phase 1, Drasa Avenue to Tavewa Avenue, Vuda Reservoir Outlet to Vuda Terminal – Phase 2, Vuda Rider Main – Phase 1, Volivoli Reservoir Inlet, Volivoli Reservoir Outlet, Bavadra Road – Phase 1, Sarju Delegate Road and Vitogo Parade.
- Northern Division - \$1,920,000: Benau to Rara Reservoir mains upgrade.



- Critical infrastructure upgrades to ensure that existing water reticulation systems meet current water demand. The following WAF assets will be upgraded in 2018-2019:
 - Central Division - \$4,078,600: Mains upgrading from Lal Singh Road to Rewa Bridge, Waimanu Raw Water Pumps & Intakes, repair of the Kalabu Reservoir structure, Construction of dam at Savura Creek, chambering of bulk supply assets, dam and pipe works for Naboro system, dam collection box & pipe works for Navua and Deuba systems and the replacement of the Tovata steel tank liner.
 - Western Division - \$9,311,640: completion of upgrade & replacement of duplicate trunk mains from Votualevu to Nasau Chamber, completion of upgrade & replacement of structurally weak mains from Lawai Reservoir to Sigatoka Town, the completion of upgrade & replacement of raw water trunk mains from Varaqe Dam to Saru WTP, a Nagado duplicate main feasibility study, pipeline river crossings from Varaqe Dam to Saru WTP, Buabua to Nalau Dam and Varaciva to Waiwai Dam, duplication of Nadi river pipe crossing, duplication of raw water trunk mains from Buabua to Nalau Dam, Vaturu Dam aerator & diffuser, standby generator sets and compressor for Vaturu Dam, standby generator for Matavo Intake, penstock valves, non-return valves and standby generator sets for Varaciva pump station, construction of housing for switchboards and generators for Rakiraki-Qalau pump station, replacement of wet well inlet penstock valve & non-return valves for Rakiraki – Qalau pump station, conditional assessment for line valves from Nagado WTP to Blackrock & Kashmir Reservoir and a feasibility study for diversion tunnel 1 and pipeline access tunnel 2 for the Nadi-Lautoka water supply system.



- Northern Division - \$3,980,000: Dogoru to Benau WTP mains replacement – Phase 1, Boubale Reservoir Inlet mains from Vaturekuka Junction, Navau upper stream development & cross connection to existing main, Benau to Rara Reservoir mains upgrade – Phase 1 and Taganikula backup source mains upgrade – Phase 1.
- Other upgrade and extension works (\$1,048,351): Lovu Seaside mains (\$450,000), Balabala, Waqadra (\$17,519), Buduka Road (\$78,536), Brewer Street main extension (\$9,062), Vunarewa (\$15,103), Nawejikuma (\$48,330), Mulomulo Police Post (\$17,398), Kerebula, Nadi (\$15,103), Vuda Piggery Road (\$66,000), Saweni (\$96,000), Lovu Seaside End (\$138,300), and mains relocation at Vunakailo Settlement (\$97,000).
- Rollover Projects (\$10,050,000): Critical infrastructure upgrades (\$5,000,000), Hydraulic mains extension (\$3,050,000) and Extension of water mains (\$2,000,000).
- Project Management Cost - \$2,000,000.

Integrated Meter Management

\$5,200,000

This project replaces defective meters nationwide to reduce billing errors and improve water meter accuracy.

Meter Replacement

- Replacement of 5,365 meters & installation of 3,000 new connections in the Central, Western & Northern Division - \$2,500,000.

Meter Purchasing

- Procurement of 285 Electromagnetic Flow Meters, 10,000 Domestic & Commercial Meters - \$2,500,000.

Project Management Cost - \$200,000.



Non-Revenue Water Reduction Project

\$8,000,000

This project is aimed at fixing water leakages throughout the WAF systems.

- Leak reduction programme - \$2,500,000: Central Division (\$1,000,000), Western Division (\$1,000,000); and Northern Division (\$500,000).
- Service pipes replacement - \$2,300,000.
- Boundary valve replacement programme - \$100,000.
- Air valve installation/replacement - \$100,000.
- Pressure management programme - PRV installation/network configuration (\$500,000) and Project Management and other costs (\$500,000).
- Geographic Information System (GIS) Programme - \$1,300,000: Project Management Cost (\$350,000); GIS Tools & equipment (\$150,000); and Aerial survey (\$800,000).
- Water Modelling Project Management Cost (\$700,000).

Water Catchment Management Programme	\$3,000,000
<p>This project undertakes surveys of all water catchments.</p> <ul style="list-style-type: none"> Catchment acquisition programme and catchment boundary cadastral survey - \$500,000: securing land leases over water catchment areas, dams, reservoirs, treatment plants and sites where WAF encroaches onto private property. Installation of gauging & telemetry equipment to send real-time water flows to the National Control Centre - \$1,250,000: telemetry sites for 2018-2019 include Vaturu Dam, Nalau Creek, Dobuilevu site, Namau Station, Seaqaqa Station and Nasealevu Station. Water source management, hydrological & environmental monitoring to capture accurate hydrological data to identify safe water sources - \$750,000: Namau, Naboro, Deuba, Buabua, Nalau and Nasealevu. Environment Investigations/Assessments - \$260,000. Water Safety Quality Programme and Project Management - \$240,000. 	
Wastewater Treatment Plant	\$18,550,000
<p>This project upgrades wastewater treatment plants (WWTP) to enable increased waste treatment capacity to match the extensive work carried out on sewer line extensions.</p> <ul style="list-style-type: none"> Consolidation works to streamline wastewater treatment plant operations at ACS, Deuba, Naboro, Wailada, Nadali, Olosara & Votua (\$800,000), septic waste treatment facility (\$500,000), effluent disinfection (\$1,000,000) and construction of consolidation works at Kinoya WWTP (\$4,500,000). Feasibility study for new treatment plant in Nabouwalu (\$250,000). Desludging works to be undertaken at Namara WWTP (\$2,200,000), Votua WWTP (\$1,100,000) and supervision works (\$1,600,000). Navakai WWTP upgrades (\$2,000,000). Procurement, supply, installation & training of staff for the operation of Distributed Temperature Sensor Long Range System (\$500,000) and Sonartrac Flow Meters (\$500,000). Procurement of health & safety equipment (\$600,000). Rollover Projects (\$3,000,000): Feasibility studies for new treatment plants at Navua, Tavua, Rakiraki, Korovou & Levuka (\$1,000,000) and consolidation works for Navakai WWTP (\$2,000,000). 	
	
Improvement and Upgrade of Wastewater Distribution System	\$20,447,763
<p>This project extends wastewater reticulation coverage to new areas.</p> <ul style="list-style-type: none"> Wastewater System Extension (\$14,447,763): Grantham Road (\$2,367,763), Soqe Place, Nadera (\$300,000), Nabukalou (\$800,000), Balawa Road (\$150,000), Natabua Government Quarters, Tabua Road - Phase 1 (\$1,250,000), Waya Street, Government 	

Quarters (\$500,000), Lautoka Methodist School (\$350,000), Tagimoucia Street (\$900,000), Vatulaulau (\$800,000), Tauvegavega (\$300,000), Varadoli (\$500,000), Ba Police Station (\$500,000), St. Trisa to Rajendra (\$300,000), Ba Prison Compound (\$30,000), FSC Quarters (\$500,000), Vunimoli Area (\$600,000), Sangam High School (\$500,000), Rara Subdivision to Amrit Sen Point - Phase 1 (\$500,000), Yahala, Sigatoka (\$300,000), System Upgrade at Dodrolagi Hart (\$750,000), System Upgrade at Pacific Harbour (\$1,250,000), and Wastewater System Verification (\$1,000,000).

- Rollover Projects (\$6,000,000): wastewater pipe network (\$3,000,000), wastewater system extensions in Whippy Street (\$500,000), Ba Industrial (\$2,000,000), Nasoso (\$350,000) and Martintar, Nadi (\$150,000).

Relocation of Existing Water and Wastewater Pipeline along FRA Road Works

\$3,100,000

- NASRUP:
 - Suva (Nakasi to Nausori bridge) - \$775,000
 - Nadi 2 1B - \$350,000
 - Nadi 2 1D - \$468,750
- Arterial roads - \$1,006,250
- Minor road rehab works - \$250,000
- Pipe realignment along bridges - \$250,000

Emergency Response Contingency

\$5,000,000

Funding for immediate repair and rehabilitation works during and after natural disasters.

Electrical Upgrading Project

\$17,566,000

This project installs new generators at WAF Depots and also upgrades the switchboard system.

- Upgrading of electrical switchboards to ensure sufficient and reliable power supply to WAF facilities (\$2,740,000):
 - Central Division - \$750,000: conditional assessment for Waila WTP switchboards, Khalsa Booster Water Pump Station (WPS), Korovou WTP, Naboro Booster WPS, Amra Wastewater Pump Station (WWPS), PTC Nasese WWPS, Davuilevu WWPS No. 2, 4 & 8, Nadawa No. 4 WWPS and Kalabu No. 3 WWPS.
 - Western Division - \$1,200,000: Keyasi WTP, Voua WPS, Navoli WPS, Varavu WPS, Yakete St WWPS, CAAF 1 WWPS, Waqadra Reservoir 2 WWPS, Enamanu Main WWPS, Kennedy 1 WWPS, Vunavau WWPS and Navutu Main WWPS.
 - Northern Division - \$790,000: Nabekavu WPS, Vunivau WPS, Qarawalu WTP and Vunicuicui WPS.



- Installation of new generators to enhance WAF reticulation system resilience during power outages and natural disasters (\$9,081,000):
 - Central Division: Deuba No. 7 & No. 9 WWPS, PTC Major WWPS, Rabuka Gym WWPS, Parade WWPS and Pratt Street WWPS.
 - Western Division: Enamanu 2 WWPS and Vaturu Dam.
 - Northern Division: Naodamu WWPS, Civic Centre WWPS, Hospital WWPS, and Covata WWPS.



- Installation of Power Factor Correction Unit to control electricity load at systems in the Central, Western and Northern Divisions - \$600,000.
- Condition monitoring of major water pump stations - \$160,000.
- Replacement and upgrades of mechanical equipment and machineries, along with civil construction and upgrades, in the Central, Western and Northern Divisions - \$4,985,000.

Information Communication Technology Infrastructure Upgrades

\$1,950,000

- Network & Wireless Core Upgrade - \$100,000.
- Copper & Fibre Cabling Upgrade - \$200,000.
- Implementation of Uninterruptible Power Supply - \$100,000.
- IT Infrastructure Consolidation - \$200,000.
- Cloud Infrastructure - \$200,000.
- System Center Configuration Manager - \$150,000.
- Windows User License addition & Sharepoint - \$200,000.
- End User Equipment Upgrade - \$500,000.
- Project Management - \$150,000.
- Data Management/Document Management System - \$150,000.

WAF Facilities Upgrade

\$2,746,000

Covers the cost of refurbishing WAF Quarters, depots and offices to improve customer service.

- Upgrade & improvement of depot and facilities (Laboratory, National Office, Depots & Treatment Plants) - \$1,526,000; and
- Ongoing renovations of WAF Quarters - \$1,220,000.

New Office Equipment

\$300,000

The following equipment will be purchased to improve efficiency and productivity of operations:

- Bull frog pump set - \$70,214
- Water Pump - \$33,714
- Petrol Jack Hammer - \$18,214
- Chainsaw (24") - \$14,043
- Generators (5PVA) - \$28,484
- LED Flood-light with stand - \$20,714

- Pipe Cutter (12") - \$29,934
- Pipe Cutter (14") - \$33,894
- Petrol Pavement Cutter (18") - \$18,769
- Petrol Road Rammer - \$13,324
- Water Blaster - \$9,114
- Brush Cutter - \$5,864
- Welding Generator - \$3,718

Rural Water Carting to Non-Metered Areas

6,000,000

The project covers water carting to rural and maritime areas.

Rainwater Harvesting Systems Subsidy

\$4,500,000

Funds cover the subsidy (70%) for rain water harvesting systems in rural areas.

Urban Water Supply and Wastewater Management Project

\$37,664,590

The project is designed to improve vital urban infrastructure and services to support the rapid growth and development in the Greater Suva Area (GSA) by increasing GSA water supply capacity by 26 per cent and wastewater treatment capacity by 164 per cent.

The project will also support the WAF's efforts to improve operational efficiency and the quality of services delivered by enhancing programmes in non-revenue water reduction, water demand management and liquid trade waste management. As part of the project, a new 40ML of treatment plant will be constructed in Viria, Rewa.

Funding is supplied by

- Asian Development Bank - \$7,584,628
- Green Climate Fund - \$2,858,051
- European Investment Bank - \$5,453,499
- Local Funding - \$21,768,412

Rural Water Supply Programme

\$27,000,000

- Rural Water Schemes - \$27.0 million. The full list of villages and settlements where rural water schemes will be undertaken can be found within this booklet.

Summary of 2018- 2019 Rural Water Projects

Division	Number of Rural Water Projects	Cost (\$)	Population to Benefit
Central	38	3,394,430	7,527
Eastern	15	4,684,919	2,235
Western	27	4,854,371	4,890
Northern	53	5,944,158	8,730
Total	133	18,877,878	23,382

- Rural unsurveyed works (292 schemes) and partial implementation – \$5,073,630.
- Project management cost - \$1,040,000.
- Pump maintenance programme & solar pump installation - \$358,492.

- Maintenance of rural boreholes - \$100,000.
- Installation of 50 ecological purification systems - \$1,444,000.
- Maintenance of the existing 56 EPS systems - \$56,000.
- Desalination plants on Viwa Island - \$12,686, Vanuavatu Island - \$14,087, Kavewa Island - \$11,914 and Kia Island - \$11,314.

2018-2019 Rural Water Schemes

No.	Scheme	Estimated Cost (\$)	Population to Benefit
Central Region			
	Tailevu		
1	Uluinavute Settlement	135,994	80
2	Naisaumua Village	148,569	377
3	Naivuruvuru Village	79,401	355
4	Savuravatu Settlement	114,320	24
5	Waitaroga Settlement & Vunibokoi District School	102,909	178
6	Namasi Settlement, Wainibuka	48,674	90
7	Nabualau Village, Dawasamu, Tailevu	88,000	97
8	Nalaganitoa Settlement Manu, Wainibuka	187,807	125
	Naitasiri		
9	Nasavu Village	21,733	210
10	Lomai Village	58,454	130
11	Taunamu Settlement	113,726	94
12	Wainua Government Station	71,707	60
13	Nasauvere Village	77,398	189
14	Matawailevu Village	77,178	154
15	Nadovu Village	71,389	130
16	Drauleba Settlement	51,364	35
17	Nabau Settlement, Navuakece	90,970	94
18	Navuniyasi Village, Nagonenicolo, Naitasiri	125,000	220
	Rewa		
19	Soliyaga Village	123,865	150
20	Nawaisomo Village	31,083	150
21	Rukua Village	90,267	355
22	Raviravi Village	56,476	250
23	Lalati Village	135,976	240
24	Dakuibeqa Village	119,586	310
25	Sawau District School	55,777	250
26	Naiseuseu Village	45,607	104
27	Kalokolevu Village	46,857	286
28	Nawaisomo Government Station, Beqa	40,046	210
	Namosi		
29	Navunidavo Village	110,759	230
30	Wainatava Village	103,533	84

No.	Scheme	Estimated Cost (\$)	Population to Benefit
31	Wainimakutu Secondary School	57,348	230
32	Nabukavesi Village	173,059	1000
33	Wailoaloa Settlement	62,556	84
34	Qilai Village	74,067	195
	Serua		
35	Naboutini Village	116,140	432
36	Vunirewa Bible School	101,940	18
37	Tubarua Village	70,113	67
38	Wainivaga Settlement, Galoa	114,780	240
	Sub Total Central	3,394,430	7,527
Eastern Region			
	Kadavu		
1	Nuku Settlement	109,989	84
2	Buliya Village, Ono	63,536	90
3	Richmond Primary & Secondary School, Yawe	130,823	120
4	Gasele Village, Yale	91,566	80
5	Nukunuku Village, Tavuki	70,187	90
6	Kabariki Village, Nabukelevu	142,256	134
7	Daku Village, Naceva	113,270	128
8	Cevai Village	152,047	105
9	Tavuki Village, Tavuki	189,803	84
	Lomaiviti		
10	Nacavanadi Village	169,219	84
11	Malawai Village, Vanuaso, Gau	72,610	89
12	Manuku Village, Batiki	62,813	85
13	Nadakeke Settlement, Mudu	97,656	82
14	Moturiki Island	3,200,000	800
15	Bureta Village, Ovalau	19,147	180
	Sub Total Eastern	4,684,919	2,235
Western Division			
	Ba		
1	Drala Village & Vatutokotoko Settlement, Tikina Savatu	145,900	216
2	Naga Village, Tikina Nadrau	128,600	164
3	Waikubukubu Village, Tikina Savatu	191,100	139
4	Nalesutale Settlement, Tikina Sabeto	201,500	192
5	Rara Village, Tikina Nalotawa	129,700	87
6	Nanuku Village, Tikina Nalotawa	200,200	86
7	Yaloku Village, Tikina Nalotawa	115,600	192
8	Nalotawa Nursing Station & School	90,000	94
9	Vatawai/Nalovo Settlement, Ba	175,200	156
10	Marou Village, Tikina Savatu	170,400	86

No.	Scheme	Estimated Cost (\$)	Population to Benefit
11	Buyabuya Village & Nadarivatu Hydro Station, Tikina Savatu	256,400	111
12	Tumotara Settlement, Vitogo, Ba	155,200	28
13	Toge Farming Community, Ba	296,500	240
14	Johnson Road No. 2	171,000	150
	Nadroga		
15	Navaga Village	183,922	400
16	Vunatovau Village	163,993	180
	Ra		
17	Batiga Settlement Water Project	129,251	75
18	Buca Settlement	196,901	135
19	Bucalevu Primary School & Village	303,931	350
20	Nabalabala Village	164,554	210
21	Nabukadra Village Water Supply Project	252,471	205
22	Nadogoloa Village	128,470	215
23	Nasavu Village, Nalawa, Ra	122,033	280
24	Nayaulevu Village & Tokaimalo District School, Tokaimalo, Ra	186,543	125
25	Nubumakita Village, Nasau, Ra	155,455	200
26	Waimari Settlement, Rakiraki, Ra	221,453	374
27	Tuvavatu Settlement, Rakiraki, Ra	218,092	200
Total Western Division		4,854,371	4,890
Northern Division			
	Cakaudrove		
1	Koroivonu Village, Tunuloa	131,200	150
2	Nadavaci Village, Natewa	96,678	210
3	Nakarabo Village, Vaturova	69,848	60
4	Naketei Village, Nasavusavu	69,217	110
5	Naweni District School	83,611	300
6	Satulaki Village, Wairiki	54,031	110
7	Nakoso Village, Wailevu East	56,027	60
8	Kasavu Settlement, Cakaudrove	53,026	310
9	Suweni Village, Cakaudrove	31,131	180
10	Tacilevu Village, Naweni	112,036	350
11	Uluivalili Secondary & Primary School, Wailevu West	133,832	300
12	Vatu Village & School, Tawake	118,918	200
13	Vatulele Village, Wailevu East	90,984	200
14	Wainika Village, Tawake	63,217	150
15	Waidamudamu Settlement, Wailevu East	55,025	50
16	Waisali Village, Wailevu East	132,201	90
17	Yasawa Village, Tawake	69,765	80
18	Uma Village, Rabi Island	140,040	170

No.	Scheme	Estimated Cost (\$)	Population to Benefit
19	Dawara Village, Wailevu West	70,956	350
20	Urata Village, Wailevu East	73,451	250
21	Drawa Village, West	65,420	100
	Macuata		
22	Buavou Village, Macuata	63,217	120
23	Dreketilailai Village, Macuata	76,867	100
24	Lagi Village, Dogotuki	131,178	150
25	Lutukina District School, Dreketi	85,249	150
26	Nacoqe Settlement, Sasa	71,171	50
27	Nakavika Village, Seaqaqa	81,273	100
28	Namama Village, Macuata	63,217	90
29	Naqumu Village, Macuata	69,765	70
30	Nasea Village, Macuata	69,765	80
31	Nubu Village, Nadogo	47,579	80
32	Valetokoni Village, Dogotuki	73,552	60
33	Vesidrua Village, Seaqaqa	131,180	140
34	Raranibulubulu Village	110,520	400
35	Vuniqalutu	65,270	180
36	Dogoru Village, Macuata	141,200	180
37	Uaqaibau Settlement	158,500	140
38	Vunicagi Settlement, Nakanacagi, Dreketi	151,200	120
	Bua		
39	Waibunabuna Settlement & School	131,178	250
40	Nagadoa Village, Dama	173,832	170
41	Galoa Island, Lekutu	133,872	150
42	Nakorotiki Village, Wainunu	57,331	120
43	Buresivo Settlement, Nadi	31,131	50
44	Waitabu & Navunievu, Bua	70,581	150
45	Nawailevu Village, Bua	60,802	200
46	Nasarawaqa Village & Settlement	69,827	250
47	Nakorovou Village, Kubulau	69,848	120
48	Driti Village, Dama	70,481	100
49	Dawara Village	70,956	110
50	Navakaruka Subdivision, Wainunu	261,000	250
51	Naverea Settlement, Nasawana, Nadi	131,000	170
52	Kubulau Combined Scheme	1,138,000	500
53	Batinivurewai Settlement, Wainunu, Bua	113,000	150
	Total Northern	5,944,158	8,730
	Total New Rural Water Projects	18,877,878	23,382