



HON. Dr. Mahendra Reddy
Minister for Agriculture, Rural & Maritime Development and
Waterways & Environment

Ministerial Response to Written Question 157/2019

Question:

Hon. Ro Filipe Tuisawau to ask the Minister for Agriculture, Rural and Maritime Development, Waterways and Environment – Would the Minister inform Parliament as to how many projects are currently being undertaken in the Central Division with regard to river bank dredging, drainage, and construction of sea walls, with timelines for completion.

Response

1. I thank the Honorable member for the question.
2. First and foremost, I would like to inform the honorable member the Ministry of Waterways and Environment does not carry out **riverbank dredging**, but we rather provide infrastructural and non-infrastructural nature-based solutions to protect and stabilize river banks. However, the Ministry carries out dredging of the river bed for flood mitigation purposes.
3. The updates for the waterways services activities that had been undertaken in the central division as at 31st July 2019 are presented as below;

- a. Under the Drainage for Farms Programme, drainage works have been carried at forty-eight (46) farms for the fiscal year 2018/19 of which drainage works has been completed for forty sites and works are in progress for the other one site. The total cost for these works is **\$1,207,695.00** VEP involving approximately 309 km of drainage works (Attached annex 1).
- b. Under the Drainage for Rural Residential Programme, drainage works have been carried out in twenty (20) villages (Lawaki, Omkar Settlement, Nabua Settlement to name a few) in Central Division with a total cost of **\$314,137.00** VEP involving approximately 94 km of drainage works. The Nadawa creek drainage works are at 90% completion (Attached annex 2).
- c. Under the Maintenance of Drainage for Non-Municipal Councils Programme, the drainage works included maintenance of drainage infrastructure (floodgate, flap gate maintenance, de-silting of drains, etc.) at drainage schemes in Nausori and Navua. The total cost of the works carried out the respective schemes was **\$1,020,002** VEP respectively. (Attached annex 3)
- d. For Irrigation scheme, WSC 38/2018 and WSC 375/2018 was awarded to Yandra Viti Investment with a total cost of **\$880,894.40** VIP works has been completed for WSC 38/2018 while WSC 375/2018 is still in progress. The works comprised of de-silting of drains/creeks/canals of approximately 58,400 meters and maintenance of floodgate doors.
- e. Under the Drainage and Flood Protection Programme, 5 projects were carried out for the 2018/19 fiscal year. These are;
 - i. River Bank protection works for Vunibau, Navua, at the cost of **\$561,292.23** (Completed).
 - ii. Nadakuni and Wainawaqa protection works have been temporarily suspended due to damaged FRA Bridge. The works will recommence once the bridge is repaired by FRA and heavy trucks could use the bridge. The

total cost of these two projects is **\$975,397.40** VIP and **\$984,138.44** VIP respectively.

- iii. For Wainibuabua and Savu Village riverbank protection work should commence soon as the work order has been released.
 - iv. Rewa River maintenance dredging works have been undertaken at the Nasali river mouth and about 12,600 cubic meters of dredged materials have been removed from the river bed. The works had been constrained due to bad weather and frequent breakdown of obsolete dredging equipment as its more than 40 years old.
4. Under the Coastal Protection Programme, Nadaro Village coastal protection has been completed with a total cost of **\$431,333.17** VIP and is currently under maintenance period. The coastal protection works for Dravuni Village has been awarded to Gold Rock at cost of **\$490,974.15** VIP and the construction works will start soon. The Qelekuro village, Naisausau village, and Matanivere village coastal protection projects will have to be re-tendered soon.
5. The Central Division weather conditions is a major hindrance for completion of project works as heavy weather conditions delays the works.

Thank You...

Annex 1: Drainage for Farmlands

NO.	SCOPE	Drain De-silt (KM)	Excavate new drain (KM)	De-silt from both sides (KM)	Creek De-silt (KM)	Outlet de-silting	Culvert	Hire truck (Hours)	Other Works
1	Naduri	4	2				3		
2	Vaturua	9							
3	Tauli	10	4	0.6			5		
4	Momi	7	1						
5	Nakadi	6	9	0.8			2		
6	Vakabalea, Navua	2.4	0.4						
7	Vaiwawa, Navua	1.05	2.05						
8	Nakaulevu, Navua	0.6							
9	Tokotoko, Navua	0.4	0.9						
10	Rovadrau, Navua	3	0.4						
11	Veiwawa, Navua	0.9							
12	Nakaulevu, Navua	0.4	0.9						

NO.	SCOPE	Desilt Drains	Excavate New Drains	Creek Desilt	Outlet Desilting	Culvert	Hire truck
		Meters	Meters	Meters	Meters	crossing	Hours
1	Mr. Ram Narayan	1260					
2	Mrs. Fatima Bano	2765					
3	Mr. Pradip Chand	2765					
4	Mr. Ishwar Lal	3000					
5	Mr. Avinesh Narayan	2240					
6	Farmers of Vuci	10000					
7	Farmers of Matacaucau	3000					
		2450					
8	Farming Community of Nabilo	11000					
9	Farming Community of Upper Waidalice	12250					
10	Mr. Milan Raniga	2450					
11	Farming Community of Rokoroko	13300					

12	Farming Community of Udalia	15000					
13	Farming Community of Vulagi	12250					
14	Farming Community of Raiwaqa	6500					
15	Farming Community of Wainivideo	6500					
16	Mr. Indran Nair	1400					
17	Farming Community of Sauniwaqa	15500					
					1100		
18	Farming Community of RKS, Tailevu	12000					
19	Farming Community of Suvasuva	12000					
20	Farming Community of Suvasuva	13000	5000				
21	Farming Community of Veiwawa						
22	Farming Community of Waivaga	5300					
23	Mr. Timici	6500					
24	Farming Community of Noco, Rewa	5000		2000			
25	Farming Community of Noco, Rewa						100
	Farming Community of Nabitu, Tailevu	6500					
26	Farming Community of Waivou, Rewa			1500			
27	Waidradra Settlement, Serua	4200			300		
28	Farming Community of Waivaka Village, Namosi	4400					
29	Farming Community of Lakena East	6500					
30	Farming Community of Lakena East Tokotoko Land Purchases, Serua	2000					
							90
31	Farming Community of Muaniweni, Naitasiri	10500					
32	Farming Community of Burebasaga, Rewa	6500					
33	Farming Community of Kasavu, Naitasiri	8000					

34	Farming Community of Nakelo, Tailevu	8000					
35	Farming Community of Naduru, Tailevu	6500					

Annex 2: Drainage for Rural Residential

NO.	SCOPE	Excavate new drain (KM)	De-silt & dispose	Excavate & dispose	Creek De-silt (KM)	Outlet de-silting	Culvert	Hire truck (Hours)
1	Farm Road 9 miles							
2	Galoa, Culanuku, Naboutini	1					4	
3	Viria settlement	2					9	
4	Lokia village, Rewa	4					6	
5	New Town settlement		2					
6	Wainibuka creek				2.5			
7	Venaei Settlement, Nasinu	0.5			2		2	40

NO.	SCOPE	Drain	Desilt	Excavate New Drains	Creek Desilt	Hire truck
		Meters	Meters	Meters	Meters	Hours
1	Lawaki Village	3000		2000	3000	
2	Nabua Settlement	2000		1000		
3	Korovisilo Village	6000				
				2000		
4	Namau Village	3000		2500		
5	Omkar Settlement	250				
6	Wailoku Settlement	2800				
7	Matainoco Village					30
		10000				
8	Farming Community near Sila Central School	5000				
						20
9	Civicivi Creek	2000			5000	
10	Nadawa creek				2800	
11	Naitalasese Settlement	6500				
12	Namaqumaqua village	4000				
13	Nadaro Village, Tailevu	4500				

Annex 3: Maintenance of Drainage Non Municipal (Central Division)

Maintenance of Drainage Central Division		
No	Location	Description of works
1	Nakeli, Nakorovou	Floodgate door repairs 1 set
2	Mokani, Tailevu	Drainage maintenance
3	Lomainasau, Tailevu	Floodgate door repairs 1 set
4	Nabuli	Floodgate door repairs 1 set
5	Waikalou, Navua	Floodgate door repairs 2 set
6	Navilaca, Rewa	Floodgate door repairs 1 set
7	Suvalailia, Rewa	Floodgate door repairs 1 set
8	Waivou, Rewa	Floodgate door repairs 1 set
9	Wainikia, Naitasiri	maintenance of drainage
10	Naisogovau, Tailevu	6km desilt drain from 1 side; 3No culvert crossing
11	Saunitabu, Naitasiri	4km desilting of drains from 1 side; 2km new drains; 3km desilt creek;
12	Dreketi, Rewa	7km desilt drains from 1 side; 2km new drains; 1.5km creek desilting;
13	Kuku, tailevu	7km desilt drains from 1 side; 4km new drains; 1.5km desilt creeks
14	Draubuta, Tailevu	4km desilt from 1 side; 2km new drain; 1.5km desilt creek
15	Vanuadina, Tailevu	4km desilt drain from 1 side; 2.5km new drain
16	Korociriciri, Tailevu	7km desilt drain from 1 side; 4km new drain
17	Vuci	4km desilt drain from 1 side; 2km new drain; 2.5km desilt creek
18	Lomainasau, Tailevu	2km desilt drains; 2.5km new drains; 1.5km desilt creek
19	Taci, Rewa	1set floodgate door maintenance
20	Burebasaga, Rewa	6km desilt drain from 1 side; 2.5km new drain; 1.5km desilt outlets
21	Noco, Rewa	8km desilt drain from 1 side; 1km new drain; 1km desilt outlet;
22	Nakuruwai, Rewa	1 set floodgate door maintenance
23	Vakabalea/Nasasa	8km desilt drain from 1side; 1km new drain
24	Nadoria, Rewa	1 set floodgate door maintenance
25	Waidradra, Navua	3km desilt drain from 1 side
26	Baulevu, Naitasiri	6km desilt drain from 1 side; 3km new drain; 1.5 km desilt creek;
27	Viria, Naitasiri	12km desilt drain from 1 side; 4km new drains; 3No. Culvert crossings

28	Koronivia	15km desilt drain from 1 side; 2km desilt large drains
29	Veiwawa, Navua	6km desilt drain from 1 side
30	Waiyanitu, Navua	7km desilt drain
31	Nakaulevu creek	2km desilt creek
32	Waikalou, Navua	7km desilt drain from 1 side; 2km desilt creek
33	Nakaulevu, Navua	6km desilt drain from 1 side