

TABLE 11.1. NATIONAL IRRIGATION DEVELOPMENT PLAN PROJECTS - BENEFITS

No	ID	Project	Parish	FARM FAMILIES	Area (ha)	IRRIGATED CROPPED AREA WITHOUT PROJECT	IRRIGATED AND RAINFED CROPPED AREA WITH PROJECT	Construction Cost (US\$million)	Cost/ha (US\$)	O&M Cost (US\$million)	O&M Cost/ha (US\$)	EIRR %
<b>MAJOR IRRIGATION PROJECTS</b>												
1	CL2	Spring Plains / Ebony Park	Clarendon	172	690	0	690	2.20	3 188	0.52	754	39.22
2	TH1	Yallahs	St. Thomas	418	472	110	472	4.00	8 475	0.19	403	25.17
3	EL11	Pedro Plains inc. Hounslow Rehabilitation	St. Elizabeth	803	1110	165	1110	5.76	5 189	1.51	1 360	12.10
4	EL1	Essex Valley	St. Elizabeth	1067	2040	438	2040	17.10	8 382	3.20	1 569	17.11
5	MN1	New Forrest/Duff House	Manchester	400	450	135	450	2.30	5 111	0.63	1 400	16.67
6	WE5	Cabarita Irrigation (Economic)	Westmoreland	220	1000	0	1000	3.85	3 850	0.40	400	11.43
<b>MAJOR IRRIGATION TOTAL</b>				<b>3080</b>	<b>5762</b>		<b>5762</b>	<b>35.21</b>		<b>6.45</b>		
<b>N.I.C. IRRIGATION PROJECTS</b>												
7	TR1	Braco	Trelawny	83	100	0	100	0.22	2 200	0.02	200	87.49
8	CA8	St. Dorothy Rehab. (Economic)	St. Catherine	316	1569	1,272	1569	1.87	1 192	0.02	13	48.90
9	CA7	NIC Rio Cobre Lining (Partial)	St. Catherine	130	400	0	400	8.18	20 450	0.31	775	13.56
10	CA6	Rio Cobre Bik A - E (Lome)	St. Catherine	86	940	474	940	2.39	2 543	0.76	809	11.90
<b>N.I.C. IRRIGATION TOTAL</b>				<b>615</b>	<b>3009</b>		<b>3009</b>	<b>12.66</b>		<b>1.11</b>		
<b>PRIVATE IRRIGATION PROJECTS</b>												
11	CL4	Victoria Banana	Clarendon	1	354	0	354	0.71	2 006	0.05	141	52.62
12	CL3	Monymusk Night Storage (Lome)	Clarendon	1	640	480	640	1.30	2 031	0.16	250	22.61
13	CA3	Bernard Lodge Night Storage (Lome)	St. Catherine	20	376	376	376	0.83	2 207	0.06	160	18.66
14	TH5	Eastem Banana	St. Thomas	1	1000	0	1000	6.06	6 060	0.24	240	17.07
15	TR3	Long Pond (Lome)	Trelawny	1	157	0	157	0.40	2 548	0.07	446	10.92
<b>PRIVATE IRRIGATION TOTAL</b>				<b>24</b>	<b>2527</b>		<b>2527</b>	<b>9.30</b>		<b>0.58</b>		
<b>SMALL IRRIGATION PROJECTS</b>												
16	WE6	Retreat/Spring Garden	Westmoreland	40	50	0	50	0.08	1 600	0.03	600	138.23
17	MA1	Dover	St. Mary	40	134	4	134	0.21	1 567	0.06	448	100.19
18	MN2	Spring Ground	Manchester	25	62	0	62	0.29	4 677	0.06	988	73.34
19	WE4	Roaring River (Economic)	Westmoreland	110	350	0	350	0.33	943	0.05	143	65.24
20	WE2	Myersfield	Westmoreland	60	100	8	100	0.36	3 600	0.09	900	55.06
21	WE1	Silver Spring (Drainage)	Westmoreland	50	100	0	100	0.48	4 800	0.05	500	55.00
22	PO1	Shrewsbury	Portland	45	100	0	100	0.31	3 100	0.07	700	47.84
23	CA4	Colbeck	St. Catherine	140	120	0	120	0.63	5 250	0.10	833	47.23
24	AN3	John Reid	St. Ann	90	36	0	36	0.16	4 444	0.03	833	46.14
25	CA10	Hill Run Fish Ponds	St. Catherine	130	284	37	284	1.5	5 282	0.05	176	45.73
26	TH2	Mt. Ida/Coley	St. Thomas	75	60	0	60	0.34	5 667	0.05	833	45.89
27	TR4	Barnstable	Trelawny	60	164	0	164	1.03	6 280	0.20	1 220	43.89
28	AN4	Douglas Castle/Cricket River	St. Ann	65	24	0	24	0.14	5 833	0.02	833	36.93
29	MA5	Frontier	St. Mary	120	30	0	30	0.18	6 000	0.04	1 333	36.79
30	MA4	Gayle/Pembroke Hall	St. Mary	30	200	3	200	1.17	5 850	0.17	850	33.84
31	PO5	Millbank	Portland	30	80	0	80	0.24	3 000	0.06	750	32.65
32	EL9	Font Hill	St. Elizabeth	150	319	0	319	1.53	4 796	0.32	1 003	29.00
33	WE3	Leamington	Westmoreland	30	50	0	50	0.23	4 600	0.06	1 200	28.21
34	JA3	Irwin	St. James	2	107	0	107	0.68	6 355	0.14	1 308	28.90
35	EL3	Braes River	St. Elizabeth	110	200	0	200	0.74	3 700	0.09	450	25.41
36	CL5	Gimmie-a-Bit	Clarendon	40	40	0	40	0.10	2 500	0.03	750	25.41
37	WE7	Bog, Bronte	Westmoreland	60	50	0	50	0.33	6 600	0.06	1 200	25.26
38	EL8	Pepper	St. Elizabeth	150	317	0	317	1.52	4 795	0.22	694	25.02
39	MA3	Industry/Retreat	St. Mary	120	160	0	160	0.96	6 000	0.14	875	23.68
40	HA1	Hazelymph & Sevens River	Hanover & St. James	107	220	0	220	1.10	5 000	0.05	227	23.63
41	PO6	Seamans Valley	Portland	60	165	0	165	0.50	3 030	0.11	667	21.02
42	PO4	Golden Vale	Portland	55	175	0	175	0.53	3 029	0.12	686	20.48
43	MA2	Gibraltar	St. Mary	100	70	0	70	0.25	3 571	0.04	571	18.61
44	JA5	Latium/Guilsbro	St. James	220	42	0	42	0.38	9 048	0.07	1 667	17.57
45	AN5	Cave Valley	St. Ann	90	74	0	74	0.44	5 946	0.06	811	17.14
46	PO3	Comfort Castle	Portland	25	40	0	40	0.13	3 250	0.03	750	16.73
47	TH3	Friendship (Economic)	St. Thomas	70	140	0	140	0.72	5 143	0.15	1 071	13.87
48	WE8	Chesterfield	Westmoreland	60	70	0	70	0.53	7 571	0.12	1 714	13.64
49	EL2	Elim (Lome)	St. Elizabeth	150	146	0	146	0.91	6 233	0.10	685	11.04
<b>SMALL IRRIGATION TOTAL</b>				<b>2709</b>	<b>4279</b>		<b>4279</b>	<b>19.03</b>		<b>3.01</b>		
<b>STORAGE IRRIGATION PROJECTS</b>												
50	CA9	Bog Walk Off-Stream Storage(Lome)	St. Catherine	470	4940		4940	29.46	5 964	0.89	180	19.66
51	CL6	Clarendon: Micro-dam Rehab. (Lome)	Clarendon	30	185		185	0.64	3 459	0.06	324	13.26
<b>Storage Irrigation Total</b>				<b>500</b>	<b>5125</b>		<b>5125</b>	<b>30.1</b>		<b>0.95</b>		
<b>Grand Total</b>				<b>6928</b>	<b>20702</b>		<b>20702</b>	<b>106.3</b>		<b>12.10</b>		