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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 691 (2) Press / ~~Mis.~~

Dated 28-2- 1877.

Not to be folded or roughly handled

No. 715. Read the following letter from Captain L. CONWAY-GORDON, R.E., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Fort St. George, 13th February 1877, No. 415-W :—

In forwarding the Statement of Objectionable Items (Irrigation) for the month of November 1876, I have the honor to call the attention of Government to the fact that, up to the end of November 1876, expenditure to the amount of Rupees 85,066 had been incurred in excess of appropriations, viz. :—

	RS.
Without appropriation	47,800
Excess over appropriations made	38,066

2. I have already reported in my letter No. 379-W of 17th January 1877 that the appropriations made by District Engineers from the ordinary grant had up to the end of November exceeded by Rupees 1,21,146 the allotments placed at their disposal.

3. These circumstances taken together lead me to fear that, unless further measures are taken to restrict expenditure, there will still be at the end of the year a considerable excess over the ordinary grant.

PART I.—*Irregularities with respect to Estimate*—(Continued).

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
	I.—WITHOUT ESTIMATES—(*Continued*).	RS.	RS.	RS.	RS.		
	Godavery Western Delta.						
43	Attali canal, Komara channel head-sluice.	...	573	573	...		
44	Attali canal, Manchili channel head-sluice.	...	570	570	...		
45	River embankment from Vijesvaram to Narsapur.	...	2,378	2,378	...		
46	Narsapur canal, under tunnel to Palkol old channel No. 1.	...	672	672	11		
47	Ellur canal, compensation for land ...	...	209	209	173		
48	Narsapur canal, Atsanta new channel, compensation for land.	...	344	344	246		
49	Drain west of Narsapur canal, compensation for land.	...	753	753	74		
	Hospetta.						
50	Garagam tank, repairs	...	212	212	...	Completed and completion report awaited.	
51	Raidrug tank, do.	...	341	341	...	Estimate under preparation.	
52	Gundanhalli tank, closing breaches ...	...	1,911	1,911	...	Completed and completion report awaited.	
53	Gudikoda tank, supply channel, repairs...	...	296	296	...	Estimate under preparation.	
54	Tungabudra channel, fixing bench-marks.	...	327	327	...		
	Kurnool.						
55	Kottapalli tank, closing breaches ...	...	292	292	...	Estimate under preparation.	
56	Masavirappa tank, repairs	...	213	213	...	Do. do.	
	Madanapalli.						
57	Devalacheruvu, Thirumaladevara tank ...	...	671	671	...	Estimate has been called for from the Executive Officer.	
58	Virapalli Peddacheruvu, repairing waste weir.	...	3,506	3,506	...	Estimate submitted to the Chief Engineer for Irrigation.	

59	Obaldivara Cheruvu tank, repairing waste weir.	...	245	245	...		
60	Virapalli Peddacheruvu bank	...	391	391	391		
	Masulipatam.						
61	Masulipatam canal, closing breaches ...	...	969	969	46	Estimate will be sanctioned on receipt of the same from the Executive Officer.	
62	River embankment around the Divi Island, closing breaches.	...	1,507	1,507	1,024		
	Mount.						
63	Nimam tank, repairs	...	2,045	2,045	302		
64	Water cushion of Ponniammen waste weir.	...	2,558	2,558	...		
65	Thattan waste weir	...	990	990	...		
66	Lime, brick, kilns, and materials at site ..	...	847	847	...		
67	Chembrambakam tank bund, raising revetments.	...	775	775	...		
68	Thirmirmalai large tank	...	274	274	...		
69	Ambathur tank, repairs	...	423	423	...		
70	Surki crushing machine, Tools and Plant.	...	263	263	...		
	Nellore, Southern.						
71	Golagamudi channel, excavation ...	...	7,875	7,875	...		
72	Golagamudi channel, culvert in the 2nd mile.	...	531	531	...		
73	Golagamudi channel, culvert in the 3rd mile.	...	371	371	...		
74	Golagamudi channel, culvert in the 5th mile.	...	324	324	...		
75	Constructing a syphon near Kanuparti-pad.	...	2,699	2,699	...		
76	Vallur channel, constructing a sluice at head.	...	439	439	...		
77	Cutting a drainage channel from Puduparti swamp to Puduparti tank.	...	351	351	...		
78	Improving Pantapalam channel ...	...	639	639	...		
79	Golagamudi channel, compensation for land.	...	2,131	2,131	31		
80	Kudithipalem large tank, repairs ...	...	204	204	...		
81	Penubarti tank, irrigation sluice ...	...	366	366	...		

Part I.—Irregularities with respect to Estimate—(Continued).

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during Month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
		RS.	RS.	RS.	RS.		
	I.—WITHOUT ESTIMATES—(Continued).						
	Nellore, Southern—(Continued).						
82	Kistnapatam channel, deepening from head to first drop.	...	521	521	...		
83	South Mopur old tank	...	206	206	...		
84	Eswaranaka tank, flush escape	...	1,126	1,126	30		
85	Penner bank, cutting channel	...	425	425	425		
	Penaikonda.						
86	Gotlur tank, removing body wall ...	...	639	639	...	Estimate awaited from the Executive Officer.	
87	Huggul tank, repairs	...	565	565	...	Estimate under preparation.	
88	Malliyanur tank, repairs	...	941	941	...	Estimate will be submitted to the Chief Engineer for Irrigation for sanction.	
	Repalli.						
89	Western bank canal, closing breaches ...	...	6,563	6,563	461		
90	Western bank canal, river embankment, closing breaches.	...	1,994	1,994	66		
91	Western bank canal, flood bund near Peddaparru.	...	802	802	...		
92	Western bank canal, Iskapalli channel, closing breaches.	...	300	300	110		
93	Nizampatam canal, closing breaches below Jutur lock.	...	277	277	92		
	Shermadevi.						
94	Pay of Nanul watchers	...	254	254	30		
	Sidout.						
95	Nanul planting in Cheyaur river ...	...	278	278	...	Estimate will be called for and sanctioned.	

	Sirulur.						
96	Yenadi Nalpakam tank	...	366	366	...		
97	Kumarasiralapakam tank	...	644	644	...		
98	Kannyembakam tank, repairs	...	387	387	...		
99	Avur tank, repairs	...	250	250	...		
100	Chunambedu tank, repairs	...	702	702	...		
101	Medavoil Bommasamudram tank, repairs.	...	230	230	...		
102	Patraperumathur large tank, repairs ...	...	238	238	...		
103	Narayanavaram river embankment, repairs.	...	643	643	...		
104	Medavoil tank, repairs	...	379	379	...		
105	Vellancheri tank, repairs	...	298	298	...		
106	Chinnambedu supply channel, head sluice.	...	1,368	1,368	231		
	Tinnevelly.						
107	Pay of Nanul watchers	...	1,124	1,124	140		
	Tinnevelly, Northern.						
108	Kovaneri tank bund	...	1,324	1,324	600		
	Tirupatur.						
109	Naimampatti Fackeri tank	...	318	318	...		
	Trichinopoly.						
110	Coleroon river left flood bank, planting nanul and wild canes.	...	270	270	107		
	Velur.						
111	Mainandur tank lower sluice	...	10,514	10,514	13	Estimate will be sent to the Chief Engineer for Irrigation for sanction as soon as it is received from the Executive Officer duly returned for correction.	
	Virudachalam.						
112	Pelandorai anicut system, flood banks.	...	3,205	3,205	...		
113	Pelandorai anicut system, zinc sheets	...	1,552	1,552	...		
114	Pelandorai anicut system, branch roads.	...	420	420	...		
115	Pelandorai anicut system, tunnels on branch roads.	...	690	690	...		

Part I.—Irregularities with respect to Estimate—(Continued).

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during Month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
	II.—Excess over Estimates.	RS.	RS.	RS.	RS.		
	Bezwada.						
116	Constructing a bridge across the high level canal at Perikid.	14,170	14,466	296	252	The excess will be recovered.	
117	Kistna river embankment	1,230	1,550	320	...		
	Chingleput.						
118	Purugal tank, repairs	480	728	248	3		
	Godavery Eastern Delta.						
119	Dowlaishweram Workshop, flood embankment.	1,368	1,727	359	...		
120	Lock at 29th mile of Kovur	26,160	27,163	1,003	...		
	Godavery Western Delta.						
121	Bank canal, improvements	20,000	22,017	2,017	3		
122	Head sluice to Gunter channel	750	1,021	271	...		
123	Parallel channel above Kodir lock ...	1,320	1,576	256	...		
124	Sluice at the head of Ralinghi main branch.	1,110	1,394	284	...		
125	Tidal lock at Mogaltur	29,330	29,750	420	...		
126	Lock weir at Mogaltur	2,380	2,664	284	...		
127	Earthwork of Mogaltur extension ...	18,500	19,322	822	...		
128	Lock at head of Chillakanpad canal ...	14,510	14,924	414	...		
129	Regulating bridge and escape at 9½ miles.	2,840	3,305	465	...		
130	Ellur canal, drop at 9½ mile	700	929	229	...		
131	Ellur canal, drop at 14th mile	550	916	366	...		
132	Ellur mid level canal, earthwork ...	20,280	21,449	1,169	...		
133	Culvert and bridge approach at Alampuram.	1,100	1,352	252	...		
	Masulipatam.						
134	Ainampudi under tunnel	19,000	21,748	2,748	9	The excess will be removed.	
	Mount.						
135	Surapadu irrigation sluice	5,463	5,776	313	...		
136	Channel of communication between sluices and irrigation channels of Thirumudivakam.	1,643	2,425	782	...		
137	Experimental trial of Stoney's equilibrium valve.	220	562	342	...		
138	Chembrambakam tank, compensation for land.	9,720	30,333	20,613	...		
	Nandial.						
139	Survey establishment	300	529	229	59		
	Nellore, Southern.						
140	Drainage channel from aqueduct to old Ramireddi channel.	770	1,160	390	...		
141	Sarvepalli old drain, deepening and improving.	2,930	5,810	2,880	19		
142	Sarvepalli channel, compensation for land.	3,000	4,807	1,807	222	Revised estimate under preparation.	
143	Vallur branch, compensation for land ...	1,800	2,779	979	236	The excess will be provided in the revised estimate for Sarvepalli project.	
144	Chennur channel, compensation for land.	22,675	23,615	940	...	The excess is within 5 per cent., and completion report awaited.	
145	Sarvepalli channel, compensation for land.	12,256	17,591	5,335	70		
146	Main canal, enlarging old channel ...	820	1,334	514	...		
147	Regulating sluice at the head of Jaffer Sahib's channel.	4,720	5,081	361	...		
148	Sarvepalli channel, head sluice	7,340	8,956	1,616	...		
149	Surplus sluice adjacent to the Sarvepalli branch, head sluice.	6,470	6,781	311	...		
150	New waste weir of Sarvepalli channel ...	1,670	1,997	327	...		
151	Lengthening and improving 5 irrigation sluices in the main reservoir at Rs. 700 each.	3,500	3,891	391	...		
152	Head sluice to Idagali	4,440	5,131	691	...		

Proceedings of the Madras Government, Public Works Department, 28th February 1877. No. 691.

Part I.—Irregularities with respect to Estimate—(Continued).

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
	II.—Excess over Estimates—(*Continued*).	RS.	RS.	RS.	RS.		
	Nellore, Southern—(Continued).						
153	Fall to Idagali branch channel	970	1,218	248	...		
154	Idagali channel, earthwork	11,430	15,972	4,542	...		
155	Iparru channel, earthwork	2,843	3,046	203	...		
156	Puduparti channel, fall to Puduparti tank.	1,040	1,259	219	...		
157	Idagali channel, six irrigation sluices ...	1,560	1,863	303	...		
158	Iparru channel, four irrigation sluices ...	1,040	1,351	311	...		
159	Puduparti channel, two irrigation sluices.	520	741	221	...		
160	Vallur channel, head sluice	3,080	4,333	1,253	...		
161	Vallur channel, earthwork	11,500	13,254	1,754	...		
162	Penner anicut extension	1,12,610	1.43,087	30,477	...	Revised estimate has been submitted to the Chief Engineer for Irrigation for sanction.	
	Rajahmundry.						
163	Constructing a culvert of 15 feet span on road from Jaggampett to Kottapalli.	1,330	1,948	618	...		
	Repalli.						
164	Nizampatam canal, weir to the west bank near Nallavada.	1,080	1,594	514	...	Revised estimate will be submitted to the Chief Engineer for Irrigation on receipt of further information from the Executive Officer.	
165	Improvements to Sandol tank surplus calingulah.	920	1,809	889	...		
166	Excavating five irrigation channels from supply channel to Allur tank.	665	3,015	2,350	...		
	Tinnevelly.						
167	North head sluice	18,200	18,436	236	246		
168	South head sluice	12,300	12,550	250	246		
	Velur.						
169	Improving Thirupadi tank and supply channel.	6,130	7,374	1,244	...	Completed and completion report awaited.	

	Virudachalam.						
170	Pelandorai anicut system, head sluice ...	6,240	9,691	3,451	...		
171	Pelandorai anicut	48,634	71,098	22,464	...		
172	A culvert of two arches at station 47 ...	1,450	1,925	475	...		
173	A culvert of two arches at station 74 ..	1,450	2,087	637	...		
174	A culvert of two arches at station 29 ...	1,450	2,258	808	...		
175	A culvert of two arches at station 93 A ...	950	1,630	680	...		
176	A building at the vicinity of the work ..	350	2,240	1,890	...		
177	Main channel from the anicut	88,600	96,426	7,826	...		
178	A masonry fall and supply sluice at station 54 A in the main channel.	1,410	2,138	728	...		
179	A masonry fall and supply sluice at station 89 A in the main channel.	840	1,430	590	...		

PART II.—*Irregularities with respect to Appropriation.*

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
	I.—WITHOUT APPROPRIATION.	RS.	RS.	RS.	RS.		
	Bezwada.						
1	Iron punts, repairs, Tools and Plant ...	...	12,435	12,435	2,795		
	Chingleput.						
2	Kalkolam tank bund, repairs	...	902	902	499		
	Chikkakol.						
3	Langulia river, Dusi main channel ...	...	511	511	511		
4	Langulia river, Waddada main channel.	...	690	690	690		
	Godavery Eastern Delta.						
5	Samalkota canal, sluice No. 5. ...	...	780	780	...		
6	Samalkota canal, cattle crossings ...	...	1,234	1,234	...		
7	Injaram canal, channel from 22nd to 24th mile.	...	820	820	500		
8	Cocanada canal, lock at Kovur	...	506	506	...	Funds have been applied for in the revised budget lately submitted.	
9	Two composite punts, Tools and Plant ...	...	2,810	2,810	2,810		
10	Six wooden punts with iron ribs... ...	...	5,600	5,600	5,600		
	Godavery Western Delta.						
11	River embankment from Vyjeswaram ...	...	2,378	2,378	...		
12	Attali canal, gravelled cattle crossings ...	...	1,004	1,004	...		
	Kambam.						
13	Kambam tank channels	...	1,298	1,298	...		
	Masulipatam.						
14	Ainampudi under tunnel...	...	1,999	1,999	9		
15	Existing river enbankment around the Divi island, repairs.	...	1,507	1,507	1,024		
16	Kommamur canal, drainage channel, clearing from Seetanagaram aqueduct to tidal lock.	...	1,267	1,267	1,267		
	Mount.						
17	Nemam tank, repairs	...	1,053	1,053	302		
18	Thamarapakam anicut across Cortelliar...	...	1,189	1,189	338		
19	Masonry dam with a small irrigation sluice.	...	979	979	881		
	Nellore, Southern.						
20	Golagamudi channel, compensation for land.	...	1,772	1,772	31		
21	Sarvepalli old drain, deepening and improving.	...	1,415	1,415	19		
22	Kistnapatam channel, deepening from head to first drop.	...	521	521	...		
23	Golagamudi channel, excavation ...	...	575	575	...		
	Sirulur.						
24	Vayalur Oranambidu tank	...	832	832	...	This work was executed on the Executive Officer's own responsibility.	
25	Old Gummadipundi tank, repairs ...	...	575	575	...		
26	Head sluice, Chunambedu supply channel	...	1,280	1,280	231		
27	Thottakadu large tank	...	548	548	...		
28	Arani Nadukuppam tank...	...	519	519	...		
29	Kilanur tank	...	801	801	...		
	II.—EXCESS OVER APPROPRIATION.						
	Barampur.						
30	Rushkulia river embankment	1,975	2,718	743	226	Further appropriation will be made shortly.	
	Dindigal.						
31	Kalpati tank and channel	200	1,054	854	311	The necessary appropriation will be made on receipt of a reply from the Executive Officer.	
	Godavery Eastern Delta.						
32	Dowlaishweram under sluices	4,161	6,171	2,010	324		
33	Godavery river, sloping and revetting banks below anicut.	1,700	2,486	786	843		

Part II.—Irrigularities with respect to Appropriation—(Continued).

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
		RS.	RS.	RS.	RS.		
	Godavery Eastern Delta—(Continued).						
34	Samalkotta canal, channel from sluice No. 3.	1,000	1,807	807	...	Additional funds have been applied for in the revised budget lately submitted.	
35	Injaram canal, channel on left bank ...	32	1,634	1,602	...		
36	Main canal, clearing silt	4,670	8,629	3,959	4,629		
	Godavery, Western Delta.						
37	Voutor drain, improvements	5,500	10,686	5,186	54		
38	Gostanadi outfall sluice	1,500	2,007	507	137		
	Nandial.						
39	Mahanadi spring channel...	743	1,400	657	195		
40	Nandial tank, repairs	500	4,724	4,224	1,187		
	Nellore, Southern.						
41	Sarvepalli channel, land for main canal...	6,201	10,502	4,301	70		
42	Nellore tank, surplus weir	3,342	7,987	4,645	7,987		
	Sirulur.						
43	Panapakam tank	105	862	757	21		
44	Retembedu tank	1,100	2,957	1,815	...		
45	Arani tank...	100	1,086	986	16		
	Virudachalam.						
46	Pelandorai anicut, main channel ...	3,000	4,645	1,645	976		
	Walaja.						
47	Kaveripakam tank...	13,918	16,500	2,582	...		

Abstract of Objectionable Items under Imperial Irrigation for Madras Presidency for November 1876.

Divisions.	Officers.		Irregularities as to Estimates.					Irregularities as to Appropriations.					Miscellaneous Irregularities.
			No Estimates.		Excess over Estimates.			No Appropriations.		Excess over Appropriations.			
	Names.	Designations.	No. of Works.	Amount expended.	No. of Works.	Amount of Estimates.	Excess expended.	No. of Works.	Amount expended.	No. of Works.	Appropriations.	Excess over Appropriations.	
				RS.		RS.	RS.		RS.		RS.	RS.	
Architect—Consulting ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Bangalore	.....	....	..	..	..	..	..	..	..	..	..	..	
Bapatla	.....	....	..	..	..	..	..	..	..	1	1,975	743	
Barampur	Mr. A. J. Chancellor	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Bellari	Lieut. W. Jackson	Do. ..	2	1,266	..	..	..	..	..	..	..	..	
Beswada	Mr. C. J. Peters	Executive Engineer ..	6	9,057	2	15,400	616	1	12,435	..	..	..	
Cadalur	Conductor G. E. Wiffen ..	Assistant do. ..	1	297	..	..	..	..	..	..	..	..	
Cadapa	C. Seton	Sub do. ..	1	430	..	..	..	..	..	..	..	..	
Calicut	.....	....	..	..	..	..	..	..	..	..	..	..	
Caligal	.....	....	..	..	..	..	..	..	..	..	..	..	
Cannanur	.....	....	..	..	..	..	..	..	..	..	..	..	
Carur	.....	....	..	..	..	..	..	..	..	..	..	..	
Chingleput	Mr. W. F. Donague	Sub-Engineer ..	23	10,138	1	480	248	1	902	..	..	..	
Chikkakol	Mr. G. R. Leggatt	Executive Engineer ..	3	1,504	..	..	..	2	1,201	..	..	..	
Chittur	.....	....	..	..	..	..	..	..	..	..	..	..	
Cochin	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur, Irrigation ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Cumbaconam	.....	....	..	..	..	..	..	..	..	1	200	854	
Dindigal	Mr. A. C. Lawford	Executive Engineer ..	..	..	..	..	..	..	..	..	..	..	
Dumagudiam	.....	....	..	..	..	..	..	..	..	..	..	..	
East Coast Canal ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Ellur	Mr. C. H. B. Burlton	Assistant Engineer ..	1	1,899	..	..	..	..	..	..	..	..	
Godavari Central Delta ..	Mr. J. W. Ellis	Sub do. ..	1	259	..	..	..	..	..	..	..	..	
Do. Eastern do. ..	Lieut. D. N. Campbell ..	Executive do. ..	4	31,963	2	27,528	1,362	6	11,750	5	11,563	9,164	
Do. Western do. ..	Lieut. R. F. Dorward, R.E. ..	Assistant do. ..	7	5,499	13	1,13,370	7,249	2	3,382	2	7,000	5,693	
Golconda	.....	....	..	..	..	..	..	..	..	..	..	..	
Guntur	.....	....	..	..	..	..	..	..	..	..	..	..	
Guti	.....	....	..	..	..	..	..	..	..	..	..	..	
Hospetta	Mr. C. H. Norfor	Assistant Engineer ..	5	3,087	..	..	..	..	..	..	..	..	
Jeypur Ghat	.....	....	..	..	..	..	..	1	1,298	..	..	..	
Kambam	Mr. J. C. Johnston	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Karnul	Mr. W. H. Bond	Supervisor ..	2	505	..	..	..	..	..	..	..	..	
Madanapali	Mr. J. Traill	Assistant Engineer ..	4	4,813	..	..	..	..	..	..	..	..	
Madras Harbour ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Madura	.....	....	..	..	..	..	..	..	..	..	..	..	
Manargudi	.....	....	..	..	..	..	..	..	..	..	..	..	
Mangalur	.....	....	..	..	..	..	..	..	..	..	..	..	
Masulipatam	Mr. W. R. Norris	Executive Engineer ..	2	2,476	1	19,000	2,748	3	4,773	..	..	..	
Mayavaram	.....	....	..	..	..	..	..	..	..	..	..	..	

Part II.—Irrigularities with respect to Appropriation—(Continued).

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
		RS.	RS.	RS.	RS.		
	Godavery Eastern Delta—(Continued).						
34	Samalkotta canal, channel from sluice No. 3.	1,000	1,807	807	...	Additional funds have been applied for in the revised budget lately submitted.	
35	Injaram canal, channel on left bank ...	32	1,634	1,602	...		
36	Main canal, clearing silt	4,670	8,629	3,959	4,629		
	Godavery, Western Delta.						
37	Vouter drain, improvements	5,500	10,686	5,186	54		
38	Gostanadi outfall sluice	1,500	2,007	507	137		
	Nandial.						
39	Mahanadi spring channel...	743	1,400	657	195		
40	Nandial tank, repairs	500	4,724	4,224	1,187		
	Nellore, Southern.						
41	Sarvepalli channel, land for main canal...	6,201	10,502	4,301	70		
42	Nellore tank, surplus weir	3,342	7,987	4,645	7,987		
	Sirulur.						
43	Panapakam tank	105	862	757	21		
44	Retembedu tank	1,100	2,957	1,815	...		
45	Arani tank...	100	1,086	986	16		
	Virudachalam.						
46	Pelandorai anicut, main channel ...	3,000	4,645	1,645	976		
	Walaja.						
47	Kaveripakam tank...	13,918	16,500	2,582	...		

Abstract of Objectionable Items under Imperial Irrigation for Madras Presidency for November 1876.

Divisions.	Officers.		Irregularities as to Estimates.					Irregularities as to Appropriations.					Miscellaneous Irregularities.
			No Estimates.		Excess over Estimates.			No Appropriations.		Excess over Appropriations.			
	Names.	Designations.	No. of Works.	Amount expended.	No. of Works.	Amount of Estimates.	Excess expended.	No. of Works.	Amount expended.	No. of Works.	Appropriations.	Excess over Appropriations.	
				RS.		RS.	RS.		RS.		RS.	RS.	
Architect—Consulting ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Bangalore	.....	....	..	..	..	..	..	..	..	..	..	..	
Bapatla	.....	....	..	..	..	..	..	..	..	1	1,975	743	
Barampur	Mr. A. J. Chancellor	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Bellari	Lieut. W. Jackson	Do. ..	2	1,266	..	..	..	..	..	..	..	..	
Beswada	Mr. C. J. Peters	Executive Engineer ..	6	9,057	2	15,400	616	1	12,435	..	..	..	
Cadalur	Conductor G. E. Wiffen ..	Assistant do. ..	1	297	..	..	..	..	..	..	..	..	
Cadapa	C. Soton	Sub do. ..	1	430	..	..	..	..	..	..	..	..	
Calicut	.....	....	..	..	..	..	..	..	..	..	..	..	
Caligal	.....	....	..	..	..	..	..	..	..	..	..	..	
Cannanur	.....	....	..	..	..	..	..	..	..	..	..	..	
Carur	.....	....	..	..	..	..	..	..	..	..	..	..	
Chingleput	Mr. W. F. Donague	Sub-Engineer ..	23	10,138	1	480	248	1	902	..	..	..	
Chikkakol	Mr. G. R. Leggatt	Executive Engineer ..	3	1,504	..	..	..	2	1,201	..	..	..	
Chittur	.....	....	..	..	..	..	..	..	..	..	..	..	
Cochin	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur, Irrigation ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Cumbaconam	.....	....	..	..	..	..	..	..	..	1	200	854	
Dindigal	Mr. A. C. Lawford	Executive Engineer ..	..	..	..	..	..	..	..	..	..	..	
Dumagudiam	.....	....	..	..	..	..	..	..	..	..	..	..	
East Coast Canal ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Ellur	Mr. C. H. B. Burlton	Assistant Engineer ..	1	1,899	..	..	..	..	..	..	..	..	
Godavari Central Delta ..	Mr. J. W. Ellis	Sub do. ..	1	259	..	..	..	..	..	..	..	..	
Do. Eastern do. ..	Lieut. D. N. Campbell ..	Executive do. ..	4	31,963	2	27,528	1,362	6	11,750	5	11,563	9,164	
Do. Western do. ..	Lieut. R. F. Dorward, R.E. ..	Assistant do. ..	7	5,499	13	1,13,370	7,249	2	3,382	2	7,000	5,693	
Golconda	.....	....	..	..	..	..	..	..	..	..	..	..	
Guntur	.....	....	..	..	..	..	..	..	..	..	..	..	
Guti	.....	....	..	..	..	..	..	..	..	..	..	..	
Hospetta	Mr. C. H. Norfor	Assistant Engineer ..	5	3,087	..	..	..	..	..	..	..	..	
Jeypur Ghat	.....	....	..	..	..	..	..	1	1,298	..	..	..	
Kambam	Mr. J. C. Johnston	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Karnul	Mr. W. H. Bond	Supervisor ..	2	505	..	..	..	..	..	..	..	..	
Madanapali	Mr. J. Traill	Assistant Engineer ..	4	4,813	..	..	..	..	..	..	..	..	
Madras Harbour ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Madura	.....	....	..	..	..	..	..	..	..	..	..	..	
Manargudi	.....	....	..	..	..	..	..	..	..	..	..	..	
Mangalur	.....	....	..	..	..	..	..	..	..	..	..	..	
Masulipatam	Mr. W. R. Norris	Executive Engineer ..	2	2,476	1	19,000	2,748	3	4,773	..	..	..	
Mayavaram	.....	....	..	..	..	..	..	..	..	..	..	..	

Part II.—Irrigularities with respect to Appropriation—(Continued).

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
		RS.	RS.	RS.	RS.		
	Godavery Eastern Delta—(Continued).						
34	Samalkotta canal, channel from sluice No. 3.	1,000	1,807	807	...	Additional funds have been applied for in the revised budget lately submitted.	
35	Injaram canal, channel on left bank ...	32	1,634	1,602	...		
36	Main canal, clearing silt	4,670	8,629	3,959	4,629		
	Godavery, Western Delta.						
37	Vouter drain, improvements	5,500	10,686	5,186	54		
38	Gostanadi outfall sluice	1,500	2,007	507	137		
	Nandial.						
39	Mahanadi spring channel...	743	1,400	657	195		
40	Nandial tank, repairs	500	4,724	4,224	1,187		
	Nellore, Southern.						
41	Sarvepalli channel, land for main canal...	6,201	10,502	4,301	70		
42	Nellore tank, surplus weir	3,342	7,987	4,645	7,987		
	Sirulur.						
43	Panapakam tank	105	862	757	21		
44	Retembedu tank	1,100	2,957	1,815	...		
45	Arani tank...	100	1,086	986	16		
	Viruduchalam.						
46	Pelandorai anicut, main channel ...	3,000	4,645	1,645	976		
	Walaja.						
47	Kaveripakam tank...	13,918	16,500	2,582	...		

Proceedings of the Madras Government, Public Works Department, 28th February 1877. No. 691.

Abstract of Objectionable Items under Imperial Irrigation for Madras Presidency for November 1876.

Divisions.	Officers.		Irregularities as to Estimates.					Irregularities as to Appropriations.					Miscellaneous Irregularities.
			No Estimates.		Excess over Estimates.			No Appropriations.		Excess over Appropriations.			
	Names.	Designations.	No. of Works.	Amount expended.	No. of Works.	Amount of Estimates.	Excess expended.	No. of Works.	Amount expended.	No. of Works.	Appropriations.	Excess over Appropriations.	
				RS.		RS.	RS.		RS.		RS.	RS.	
Architect—Consulting ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Bangalore	.....	....	..	..	..	..	..	..	..	..	..	..	
Bapatla	.....	....	..	..	..	..	..	..	..	1	1,975	743	
Barampur	Mr. A. J. Chancellor	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Bellari	Lieut. W. Jackson	Do. ..	2	1,266	..	..	..	..	..	..	..	..	
Beswada	Mr. C. J. Peters	Executive Engineer ..	6	9,057	2	15,400	616	1	12,435	..	..	..	
Cadalur	Conductor G. E. Wiffen ..	Assistant do. ..	1	297	..	..	..	..	..	..	..	..	
Cadapa	C. Seton	Sub do. ..	1	430	..	..	..	..	..	..	..	..	
Calicut	.....	....	..	..	..	..	..	..	..	..	..	..	
Caligal	.....	....	..	..	..	..	..	..	..	..	..	..	
Cannanur	.....	....	..	..	..	..	..	..	..	..	..	..	
Carur	.....	....	..	..	..	..	..	..	..	..	..	..	
Chingleput	Mr. W. F. Donague	Sub-Engineer ..	23	10,138	1	480	248	1	902	..	..	..	
Chikkakol	Mr. G. R. Leggatt	Executive Engineer ..	3	1,504	..	..	..	2	1,201	..	..	..	
Chittur	.....	....	..	..	..	..	..	..	..	..	..	..	
Cochin	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur, Irrigation ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Cumbaconam	.....	....	..	..	..	..	..	..	..	1	200	854	
Dindigal	Mr. A. C. Lawford	Executive Engineer ..	..	..	..	..	..	..	..	..	..	..	
Dumagudiam	.....	....	..	..	..	..	..	..	..	..	..	..	
East Coast Canal ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Ellur	Mr. C. H. B. Burlton	Assistant Engineer ..	1	1,899	..	..	..	..	..	..	..	..	
Godavari Central Delta ..	Mr. J. W. Ellis	Sub do. ..	1	259	..	..	..	..	..	..	..	..	
Do. Eastern do. ..	Lieut. D. N. Campbell ..	Executive do. ..	4	31,963	2	27,528	1,362	6	11,750	5	11,563	9,164	
Do. Western do. ..	Lieut. R. F. Dorward, R.E. ..	Assistant do. ..	7	5,499	13	1,13,370	7,249	2	3,382	2	7,000	5,693	
Golconda	.....	....	..	..	..	..	..	..	..	..	..	..	
Guntur	.....	....	..	..	..	..	..	..	..	..	..	..	
Guti	.....	....	..	..	..	..	..	..	..	..	..	..	
Hospetta	Mr. C. H. Norfor	Assistant Engineer ..	5	3,087	..	..	..	..	..	..	..	..	
Jeypur Ghat	.....	....	..	..	..	..	..	1	1,298	..	..	..	
Kambam	Mr. J. C. Johnston	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Karnul	Mr. W. H. Bond	Supervisor ..	2	505	..	..	..	..	..	..	..	..	
Madanapali	Mr. J. Traill	Assistant Engineer ..	4	4,813	..	..	..	..	..	..	..	..	
Madras Harbour ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Madura	.....	....	..	..	..	..	..	..	..	..	..	..	
Manargudi	.....	....	..	..	..	..	..	..	..	..	..	..	
Mangalur	.....	....	..	..	..	..	..	..	..	..	..	..	
Masulipatam	Mr. W. R. Norris	Executive Engineer ..	2	2,476	1	19,000	2,748	3	4,773	..	..	..	
Mayavaram	.....	....	..	..	..	..	..	..	..	..	..	..	

Part II.—Irrigularities with respect to Appropriation—(Continued).

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
		RS.	RS.	RS.	RS.		
	Godavery Eastern Delta—(Continued).						
34	Samalkotta canal, channel from sluice No. 3.	1,000	1,807	807	...	Additional funds have been applied for in the revised budget lately submitted.	
35	Injaram canal, channel on left bank ...	32	1,634	1,602	...		
36	Main canal, clearing silt	4,670	8,629	3,959	4,629		
	Godavery, Western Delta.						
37	Voutor drain, improvements	5,500	10,686	5,186	54		
38	Gostanadi outfall sluice	1,500	2,007	507	137		
	Nandial.						
39	Mahanadi spring channel...	743	1,400	657	195		
40	Nandial tank, repairs	500	4,724	4,224	1,187		
	Nellore, Southern.						
41	Sarvepalli channel, land for main canal...	6,201	10,502	4,301	70		
42	Nellore tank, surplus weir	3,342	7,987	4,645	7,987		
	Sirulur.						
43	Panapakam tank	105	862	757	21		
44	Retembedu tank	1,100	2,957	1,815	...		
45	Arani tank...	100	1,086	986	16		
	Virudachalam.						
46	Pelandorai anicut, main channel ...	3,000	4,645	1,645	976		
	Walaja.						
47	Kaveripakam tank...	13,918	16,500	2,582	...		

Proceedings of the Madras Government, Public Works Department, 28th February 1877. No. 691.

Abstract of Objectionable Items under Imperial Irrigation for Madras Presidency for November 1876.

Divisions.	Officers.		Irregularities as to Estimates.					Irregularities as to Appropriations.					Miscellaneous Irregularities.
			No Estimates.		Excess over Estimates.			No Appropriations.		Excess over Appropriations.			
	Names.	Designations.	No. of Works.	Amount expended.	No. of Works.	Amount of Estimates.	Excess expended.	No. of Works.	Amount expended.	No. of Works.	Appropriations.	Excess over Appropriations.	
				RS.		RS.	RS.		RS.		RS.	RS.	
Architect—Consulting ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Bangalore	.....	....	..	..	..	..	..	..	..	..	..	..	
Bapatla	.....	....	..	..	..	..	..	..	..	1	1,975	743	
Barampur	Mr. A. J. Chancellor	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Bellari	Lieut. W. Jackson	Do. ..	2	1,266	..	..	..	..	..	..	..	..	
Beswada	Mr. C. J. Peters	Executive Engineer ..	6	9,057	2	15,400	616	1	12,435	..	..	..	
Cadalur	Conductor G. E. Wiffen ..	Assistant do. ..	1	297	..	..	..	..	..	..	..	..	
Cadapa	C. Seton	Sub do. ..	1	430	..	..	..	..	..	..	..	..	
Calicut	.....	....	..	..	..	..	..	..	..	..	..	..	
Caligal	.....	....	..	..	..	..	..	..	..	..	..	..	
Cannanur	.....	....	..	..	..	..	..	..	..	..	..	..	
Carur	.....	....	..	..	..	..	..	..	..	..	..	..	
Chingleput	Mr. W. F. Donague	Sub-Engineer ..	23	10,138	1	480	248	1	902	..	..	..	
Chikkakol	Mr. G. R. Loggatt	Executive Engineer ..	3	1,504	..	..	..	2	1,201	..	..	..	
Chittur	.....	....	..	..	..	..	..	..	..	..	..	..	
Cochin	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur, Irrigation ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Cumbaconam	.....	....	..	..	..	..	..	..	..	1	200	854	
Dindigal	Mr. A. C. Lawford	Executive Engineer ..	..	..	..	..	..	..	..	..	..	..	
Dumagudiam	.....	....	..	..	..	..	..	..	..	..	..	..	
East Coast Canal ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Ellur	Mr. C. H. B. Burlton	Assistant Engineer ..	1	1,899	..	..	..	..	..	..	..	..	
Godavari Central Delta ..	Mr. J. W. Ellis	Sub do. ..	1	259	..	..	..	..	..	..	..	..	
Do. Eastern do. ..	Lieut. D. N. Campbell ..	Executive do. ..	4	31,963	2	27,528	1,362	6	11,750	5	11,563	9,164	
Do. Western do. ..	Lieut. R. F. Dorward, R.E. ..	Assistant do. ..	7	5,499	13	1,13,370	7,249	2	3,382	2	7,000	5,693	
Golconda	.....	....	..	..	..	..	..	..	..	..	..	..	
Guntur	.....	....	..	..	..	..	..	..	..	..	..	..	
Guti	.....	....	..	..	..	..	..	..	..	..	..	..	
Hospetta	Mr. C. H. Norfor	Assistant Engineer ..	5	3,087	..	..	..	..	..	..	..	..	
Jeypur Ghat	.....	....	..	..	..	..	..	1	1,298	..	..	..	
Kambam	Mr. J. C. Johnston	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Karnul	Mr. W. H. Bond	Supervisor ..	2	505	..	..	..	..	..	..	..	..	
Madanapali	Mr. J. Traill	Assistant Engineer ..	4	4,813	..	..	..	..	..	..	..	..	
Madras Harbour ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Madura	.....	....	..	..	..	..	..	..	..	..	..	..	
Manargudi	.....	....	..	..	..	..	..	..	..	..	..	..	
Mangalur	.....	....	..	..	..	..	..	..	..	..	..	..	
Masulipatam	Mr. W. R. Norris	Executive Engineer ..	2	2,476	1	19,000	2,748	3	4,773	..	..	..	
Mayavaram	.....	....	..	..	..	..	..	..	..	..	..	..	

Part II.—Irrigularities with respect to Appropriation—(Continued).

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final Remarks by Examiner.	Orders by Local Government.
		RS.	RS.	RS.	RS.		
	Godavery Eastern Delta—(Continued).						
34	Samalkotta canal, channel from sluice No. 3.	1,000	1,807	807	...	Additional funds have been applied for in the revised budget lately submitted.	
35	Injaram canal, channel on left bank ...	32	1,634	1,602	...		
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	Godavery, Western Delta.						
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38	Gostanadi outfall sluice	1,500	2,007	507	137		
	Nandial.						
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41	Sarvepalli channel, land for main canal...	6,201	10,502	4,301	70		
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43	Panapakam tank	105	862	757	21		
44	Retembedu tank	1,100	2,957	1,815	...		
45	Arani tank...	100	1,086	986	16		
	Viruduchalam.						
46	Pelandorai anicut, main channel ...	3,000	4,645	1,645	976		
	Walaja.						
47	Kaveripakam tank...	13,918	16,500	2,582	...		

Proceedings of the Madras Government, Public Works Department, 28th February 1877. No. 691.

Abstract of Objectionable Items under Imperial Irrigation for Madras Presidency for November 1876.

Divisions.	Officers.		Irregularities as to Estimates.					Irregularities as to Appropriations.					Miscellaneous Irregularities.
			No Estimates.		Excess over Estimates.			No Appropriations.		Excess over Appropriations.			
	Names.	Designations.	No. of Works.	Amount expended.	No. of Works.	Amount of Estimates.	Excess expended.	No. of Works.	Amount expended.	No. of Works.	Appropriations.	Excess over Appropriations.	
				RS.		RS.	RS.		RS.		RS.	RS.	
Architect—Consulting ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Bangalore	.....	....	..	..	..	..	..	..	..	..	..	..	
Bapatla	.....	....	..	..	..	..	..	..	..	1	1,975	743	
Barampur	Mr. A. J. Chancellor	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Bellari	Lieut. W. Jackson	Do. ..	2	1,266	..	..	..	..	..	..	..	..	
Beswada	Mr. C. J. Peters	Executive Engineer ..	6	9,057	2	15,400	616	1	12,435	..	..	..	
Cadalur	Conductor G. E. Wiffen ..	Assistant do. ..	1	297	..	..	..	..	..	..	..	..	
Cadapa	C. Soton	Sub do. ..	1	430	..	..	..	..	..	..	..	..	
Calicut	.....	....	..	..	..	..	..	..	..	..	..	..	
Caligal	.....	....	..	..	..	..	..	..	..	..	..	..	
Cannanur	.....	....	..	..	..	..	..	..	..	..	..	..	
Carur	.....	....	..	..	..	..	..	..	..	..	..	..	
Chingleput	Mr. W. F. Donague	Sub-Engineer ..	23	10,138	1	480	248	1	902	..	..	..	
Chikkakol	Mr. G. R. Leggatt	Executive Engineer ..	3	1,504	..	..	..	2	1,201	..	..	..	
Chittur	.....	....	..	..	..	..	..	..	..	..	..	..	
Cochin	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur	.....	....	..	..	..	..	..	..	..	..	..	..	
Coimbatur, Irrigation ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Cumbaconam	.....	....	..	..	..	..	..	..	..	1	200	854	
Dindigal	Mr. A. C. Lawford	Executive Engineer ..	..	..	..	..	..	..	..	..	..	..	
Dumagudiam	.....	....	..	..	..	..	..	..	..	..	..	..	
East Coast Canal ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Ellur	Mr. C. H. B. Burlton	Assistant Engineer ..	1	1,899	..	..	..	..	..	..	..	..	
Godavari Central Delta ..	Mr. J. W. Ellis	Sub do. ..	1	259	..	..	..	..	..	..	..	..	
Do. Eastern do. ..	Lieut. D. N. Campbell ..	Executive do. ..	4	31,963	2	27,528	1,362	6	11,750	5	11,563	9,164	
Do. Western do. ..	Lieut. R. F. Dorward, R.E. ..	Assistant do. ..	7	5,499	13	1,13,370	7,249	2	3,382	2	7,000	5,693	
Golconda	.....	....	..	..	..	..	..	..	..	..	..	..	
Guntur	.....	....	..	..	..	..	..	..	..	..	..	..	
Guti	.....	....	..	..	..	..	..	..	..	..	..	..	
Hospetta	Mr. C. H. Norfor	Assistant Engineer ..	5	3,087	..	..	..	..	..	..	..	..	
Jeypur Ghat	.....	....	..	..	..	..	..	1	1,298	..	..	..	
Kambam	Mr. J. C. Johnston	Assistant Engineer ..	..	..	..	..	..	..	..	..	..	..	
Karnul	Mr. W. H. Bond	Supervisor ..	2	505	..	..	..	..	..	..	..	..	
Madanapali	Mr. J. Traill	Assistant Engineer ..	4	4,813	..	..	..	..	..	..	..	..	
Madras Harbour ..	.....	....	..	..	..	..	..	..	..	..	..	..	
Madura	.....	....	..	..	..	..	..	..	..	..	..	..	
Manargudi	.....	....	..	..	..	..	..	..	..	..	..	..	
Mangalur	.....	....	..	..	..	..	..	..	..	..	..	..	
Masulipatam	Mr. W. R. Norris	Executive Engineer ..	2	2,476	1	19,000	2,748	3	4,773	..	..	..	
Mayavaram	.....	....	..	..	..	..	..	..	..	..	..	..	

Abstract of Objectionable Items under Imperial Irrigation for Madras Presidency for November 1876—(Continued).

Divisions.	Officers.		Irregularities as to Estimates.						Irregularities as to Appropriations.						Miscellaneous Irregularities.
	Names.	Designations.	No Estimates.		Excess over Estimates.				No Appropriations.		Excess over Appropriations.				
			No. of Works.	Amount expended.	No. of Works.	Amount of Estimates.	Excess expended.		No. of Works.	Amount expended.	No. of Works.	Appropriations.	Excess over Appropriations.		
				Rs.		Rs.	Rs.			Rs.		Rs.	Rs.		
Mount ..	Captain A. C. Smith, R.E. ..	Executive Engineer ..	8	8,175	4*	17,046	22,050		3	3,221					
Musuri ..	..	..	..	..	..	..	..		..	..					
Nagapatam ..	..	..	..	..	1	300	229		..	..	2	1,243	4,881		
Nandial ..	Mr. G. A. Vardon ..	Sub-Engineer ..	..	..	..	..	..		..	..	..	..	..		
Nandigama ..	..	..	..	..	..	..	..		..	..	..	..	..		
Nellur, Central ..	..	..	..	..	..	..	..		..	..	..	..	..		
Do. Northern ..	..	..	..	..	23	2,18,984	56,073		4	4,283	2	9,543	8,046		
Do. Southern ..	Mr. H. Lyon ..	Assistant Engineer ..	15	18,208	..	..	..		..	..	..	..	..		
Nilgiri ..	..	..	..	..	..	..	..		..	..	..	..	..		
Palghat ..	..	..	..	..	..	..	..		..	..	..	..	..		
Palnad ..	..	..	..	..	..	..	..		..	..	..	..	..		
Penaikonda ..	Conductor J. A. Power ..	Supervisor ..	3	2,145	..	..	..		..	..	..	..	..		
Penner Anicut ..	..	..	..	..	..	..	..		..	..	..	..	..		
Pohur ..	..	..	..	..	..	..	..		..	..	..	..	..		
Presidency ..	..	..	..	..	..	..	..		..	..	..	..	..		
Putthur ..	..	..	..	..	..	..	..		..	..	..	..	..		
Rajamahindri ..	Mr. J. C. Larminie ..	Assistant Engineer ..	..	..	1	1,330	618		..	..	..	..	..		
Rejauli ..	Mr. D. Carlier ..	Sub do. ..	6	9,936	3	2,665	3,753		..	..	..	..	..		
Salem ..	..	..	..	..	..	..	..		..	..	..	..	..		
Shermadevi ..	..	..	..	..	..	..	..		..	..	..	..	..		
Sidout ..	Mr. H. C. Berlie ..	Supervisor ..	1	254	..	..	..		..	..	..	..	..		
Sirulur ..	Conductor J. Schowry ..	Do. ..	1	278	..	..	..		..	..	..	..	..		
Stores, Public Works ..	Lieutenant T. Smithers ..	Assistant Engineer ..	11	5,505	..	..	..		6	4,555	..	..	3,558		
Tanjore ..	..	..	..	..	..	..	..		..	..	..	..	..		
Tindivanam ..	..	..	..	..	..	..	..		..	..	..	..	..		
Tinnevelli ..	Mr. W Hughes ..	Assistant Engineer ..	1	1,124	..	..	..		..	..	..	..	..		
Do. Northern ..	Mr. D. McNair ..	Sub do. ..	1	1,324	..	..	486		..	..	..	..	..		
Tirupatur ..	Conductor W. C. West ..	Supervisor ..	1	318	..	..	..		..	..	..	..	..		
Trichinopoli ..	Captain R. F. Morris ..	Executive Engineer ..	1	270	..	..	..		..	..	..	..	..		
Udaiarpalam ..	..	..	..	..	..	..	..		..	..	..	..	..		
Ulsur ..	..	..	..	..	..	..	..		..	..	..	..	..		
Velur ..	Mr. C. Vincent ..	Assistant Engineer ..	1	10,514	1	6,130	1,244		..	..	1	3,000	1,645		
Virudachalam ..	S. Subraya Charryar ..	Do. ..	4	5,867	10	1,51,374	39,549		..	..	1	13,918	2,682		
Vizianagaram ..	..	..	..	..	..	..	..		..	..	..	..	..		
Walaja ..	..	..	..	..	..	..	..		..	..	..	..	..		
Wainad, North ..	Lieut. R. E. Hamilton, R.E. ..	Assistant Engineer ..	..	..	..	..	..		..	..	..	..	..		
Do. South ..	..	..	..	..	..	..	..		..	..	..	..	..		
Workshop, Public Works.	..	..	..	..	..	..	..		..	..	..	..	..		
Total ..	..	..	115	1,37,111	64	6,04,107	1,36,225		29	47,800	18	49,747	38,066		

(Signed) L. CONWAY-GORDON, Captain, R.E.,
Examiner of Public Works Accounts.

FORT ST. GEORGE,
14th February 1877.

Proceedings of the Madras Government, Public Works Department,
28th February 1877. *No.* 691.

No. 716. ORDER THEREON, 28th February 1877, No. 691.

IRRIGATION, No. 74.
Account.

THE attention of the District Engineers concerned will be called to these statements. The Government, in their Order, No. 243, dated 25th January 1877, expressed their desire to find a marked improvement as regards financial regularity in the Examiner's statement for November 1876, which desire has been partly realized by reduction of the irregular expenditure. District Engineers will make every endeavour to clear their "Objectionable Item Statements."

(True Extract.)

Lieut.-Col. R.E.,
Secretary to Government, P.W.D.

To District Engineers.
To the Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.

Exd. E. C. Shunker.
Spare Copies

[Exr. Wks. Form No. 287.] [Chap. XX., Sec. ii., Para. 30.] [P. W. D. Form No. 50, Imperial, Irrigation, Part I.]

Imperial, Irrigation. **PART II.—Irregularities with respect to Appropriation.**

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Examiner.	Orders by Local Government.
	I Without Appropriation						
	Bezwada						
1	Iron fencing, repairs, Tools and Plant Chinglepet		12435	12435	2795		
2	Kalkolam tank bunds; repairs Chikkakol		902	902	499		
3	Langulia river Diai main channel		511	511	511		
4	Langulia river Nadadar main channel Godavery Eastern Delta		690	690	690		
5	Samalkota canal; Sluice No. 5		780	780			
6	Samalkota canal; cattle crossings		1234	1234			
7	Injaram canal; channel from 22? to 24th mile		820	820			

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Examiner.	Orders by Local Government.
	I. Without Appropriation Godavery Eastern Delta (contd.)						
8	Cocanada Canal; lock at Kovur	.	506	506	.	Funds have been applied for in the revised budget lately submitted	
9	Two composite punts; Tools and Plant						
10	Six wooden punts with iron pile	.	2810	2810	2810		
	Godavery Western Delta		5600	5600	5600		
11	River embankment from Vijeswaram						
12	Attili Canal, granite ... crossings	.	2375	2375	.		
	Kambam	.	1006	1006	.		
13	Kambam tank channel						
	Masulipatam	.	1295	1295	.		
14	Ainampudi under tunnel						
15	Existing river embankment around the Dowlaishweram island, repairs	.	1799	1777	7		
16	Kommamur Canal; drainage channel; drawing from Setanagaram aqueduct to [illegible]	.	1407	1407	1024		
	Mount						
17	Nimam tank; repairs	"	1053	1053	302		
18	Thamarapatam Anicut across Cortalliar	.	1189	1189	338		
19	Masonry dam with a small irrigation sluice	.	979	979	881		
	Nellore Southern						
20	Golagamudi Channel; compensation for land	.	1772	1772	31		
21	Sarvepalli old drain; deepening and improving	.	1415	1415	19		
22	Kistnapatam Channel; deepening from head to first drop	.	521	521	.		
23	Golagamudi Channel; excavation	.	575	575	.		
	Tiruttir						
24	Nayatur oranambedu tank	.	832	832	.	This work was executed on the Executive Officer's own responsibility	
25	Old gummadipundi tank; repairs	.	575	575	.		
26	Head Sluice Chumambedu supply channel	.	1280	1280	231		
27	Thottakadu large tank	.	548	548	.		
28	Arani Nadukuppam tank	.	579	579	.		
29	Kilanur tank	.	801	801	.		

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Examiner.	Orders by Local Government.
	I Without Appropriation Godavery Eastern Delta (cont.)						
8	Cocanada Canal; lock at Kovur	..	506	506	..	Funds have been applied for in the revised budget lately submitted	
9	Two composite punts, Tools and Plant	..	2810	2810	2810		
10	Six wooden punts with iron ribs	..	5600	5600	5600		
	Godavery Western Delta						
11	River embankment from Vijeswaram	..	2378	2378	..		
12	Attali Canal; gravelled cattle crossings	..	1004	1004	..		
	Kambam						
13	Kambam tank channel	..	1298	1298	..		
	Masulipatam						
14	Ainampudi under tunnel	..	1999	1999	9		
15	Existing river embankment around the Divi island; repairs	..	1507	1507	1024		
16	Kommamur Canal; drainage channel; clearing from Seetanagaram aqueduct to Tidal lock	..	[illegible]	1267	1267		
	Mount						
17	Nemam tank; repairs	..	1053	1053	302		
18	Thamarapakam Anicut across Kortalliar	..	1189	1189	338		
19	Masonry dam with a small irrigation sluice	..	979	979	881		
	Nellore Southern						
20	Golagamudi Channel; compensation for land	..	1772	1772	31		
21	Sarvepalli old drain; deepening and improving	..	1415	1415	19		
22	Kistnapatam Channel; deepening from head to first drop	..	521	521	..		
23	Golagamudi Channel; excavation	..	575	575	..		
	Sirulur						
24	Vayalur oranambedu tank	..	832	832	..	This work was executed on the Executive Officer's own responsibility	
25	Old gummadipundi tank; repairs	..	575	575	..		
26	Head Sluice Chunambedu supply channel	..	1280	1280	231		
27	Thottakadu large tank	..	548	548	..		
28	Arani Nadukuppam tank	..	519	519	..		
29	Kilanur tank	..	801	801	..		

[P. W. D. Form No. 50, Part II. Continuation.]

[Imperial Irrigation MONTH OF Novr 1876. SHEET No 2.]

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	II Excess over Appropriation						23
	Barampur						
30	Rushikulya river embankment	1975	2718	743	226	Further appropriation will be made shortly	
	Dindigal						
31	Kalpatti tank and channel	200	1054	854	311	The necessary appropriation will be made on receipt of a reply from the Executive Officer	
	Godavery Eastern Delta						
32	Dowleswaram undersluices	4161	6171	2010	324		
33	Godavery river, sloping and revetting banks below anicut	1700	2486	786	843		
34	Samalkota canal; channel from sluice No. 3	1000	1807	807	.	Additional funds have been applied for in the revised budget lately submitted	
35	Injaram canal; channel on left bank	32	1634	1602	.		
36	Main canal clearing silt	4670	8629	3959	4629		
	Godavery Western Delta						
37	Venter drain; improvements	5500	10686	5186	54		
38	Gostanadi outfall sluice	1500	2007	507	137		
	Nandial						
39	Mahanadi Spring channel	743	1400	657	195		
40	Nandial tank; repairs	500	4724	4224	1187		
	Nellore Southern						
41	Sarvepalli channel; land for main canal	6201	10502	4301	70		
42	Nellore tank; surplus weir	3342	7987	4645	7987		
	Tirulur						
43	Panapakam tank	105	862	757	21		
44	Rettambedu tank	1100	2957	1815	.		
45	Arani tank	100	1086	986	16		
	Vriddhachalam						
46	Pelandorai Anicut; main channel	3000	4645	1645	976		
	Walaja						
47	Kaveripakam tank	13918	16500	2582	"		

6/2.

[P. W. D. Form No. 50, Part II. Continuation.]

[———— Month of ———— 187 . Sheet No .]

Item No.	Particulars.	Amount of Appropriation.	Expenditure of the year.	Excess over Appropriation	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.

[Cr. Wk Form No. 87.]

[P. W. D. Code XX, ii., 33-A, B, & C.]

Abstract of Objectionable Items under Impl. Irrign for Madras Presidency, for November 1876.

Divisions.	Officers. Names.	Officers. Designations.	Irregularities as to Estimates. No Estimates. No. of Works.	No Estimates. Amount Expended.	Excess over Estimates. No. of Works.	Excess over Estimates. Amount of Estimates.	Excess over Estimates. Excess Expended.	Irregularities as to Appropriations. No Appropriations. No. of Works.	No Appropriations. Amount Expended.	Excess over Appropriations. No. of Works.	Excess over Appropriations. Appropriations.	Excess over Appropriations. Excess over Appropriations.	Miscellaneous Irregularities.
Architect—Consulting ...													
Bangalore													
Bàpatla													
Barampùr	Mr A. J. Chancellor	Asstt. Engineer											
Bellàri	Lt. W. Jackson	Asstt. Engineer								1	1975	743	
Beswàdà	Mr C. J. Peters	Executive Engineer	2	1266									
Cadalùr	Lond. G. L. Wiffen	Asstt. Engineer	6	9057	2	15400	616	1	12435				
Cadapa	C. Seton	Sub Engineer	1	297									
Calicat			1	430									
Caligàl													
Cannanùr...													
Carùr													
Chenglepat	Mr M. F. Donague	Sub Engineer	23	10138	1	480	248	1	902				
Chikkàkòl	Mr G. R. Leggatt	Executive Engineer	3	1504				2	1201				
Chittùr													
Cochin													
Coimbatùr													
			36	22692	3	15880	864	4	14538	1	1975	743	

Ranges.	Officers.		Irregularities as to Estimates.					Irregularities as to Appropriations.					Miscellaneous Irregularities.
			No Estimates.		Excess over Estimates.			No Appropriations.		Excess over Appropriations.			
	Names.	Designations.	No. of Works.	Amount Expended.	No. of Works.	Amount of Estimates.	Excess Expended.	No. of Works.	Amount Expended.	No. of Works.	Appropriations.	Excess over Appropriations.	
Coimbatùr Irrigation ...			36	22692	3	15880	864	4	14538	1	1975	743	
Cumbacònam													
Dindigal	Mr A. L. Lawford	Executive Engineer								1	200	854	
Dùmagudiam													
East Coast Canal ...													
Ellùr	Mr L. W. B. Burlton	Sub Engineer	1	1899									
Godàvari Central Delta ...	Mr J. W. Ellis	Sub Engineer	1	259									
Do. Eastern do. ...	Lt. D. A. Campbell	Executive Engineer	4	31963	2	27525	1362	6	11750	5	11563	9164	
Do. Western do. ...	A. A. F. Dorward Esq.	Sub Engineer	7	5499	13	113370	7249	2	3382	2	7000	5693	
Golcondà													
Guntùr													
Gùti													
Hòspettà	Mr C. M. F. Storfor	Sub Engineer	5	3087									
Jeypùr Ghàt													
Kambam	Mr J. C. Johnston	Sub Engineer						1	1298				
Karnùl	Mr W. H. Bond	Supervisor	2	505									
Madanapali	Mr J. Traill	Sub Engineer	4	4813									
Madras Harbor													
Madura													
Manàrgudi													
Mangalùr													
Masùlipatam	Mr W. R. Morris	Executive Engineer	2	2476	1	19000	2748	3	4773				
Màyavaram													
Mount	Captain A. C. Smith R.E.	Executive Engineer	8	8175	4	17046	22050	3	3221				
Musuri													
Nàgapatam													
Nandiàl	Mr G. A. Nardon	Sub Engineer			1	300	229			2	1243	4881	
Nandigàmà													
Nellùr, Central													
Do. Northern ...													
Do. Southern ...	Mr A. Lyon	Sub Engineer	15	18208	23	218984	56073	4	4283	2	9543	8946	
Nìlgiri													
Pàlghàt													
Pàlnàd													
Penaikondà	Lieut. J. A. Turner	Supervisor	3	2145									
Pennèr Anicat													
Pòlùr													
			88	101721	47	412108	90575	23	43245	13	31524	30281	

[Cr. Wks. Form No. 87. Contd.]

Abstract of Objectionable Items (Inner sheet). Imperial Sprig Madras, November 1876.

Ranges.	Officers. Names.	Officers. Designations.	Irregularities as to Estimates. No Estimates. No. of Works.	No Estimates. Amount Expended.	Excess over Estimates. No. of Works.	Excess over Estimates. Amount of Estimates.	Excess over Estimates. Excess Expended	Irregularities as to Appropriations. No Appropriations. No. of Works.	No Appropriations. Amount Expended.	Excess over Appropriations. No. of Works.	Excess over Appropriations. Appropriations.	Excess over Appropriations. Excess over Appropriations.	Miscellaneous Irregularities.
			88	101721	47	412108	90575	23	43425	13	31524	30281	
Presidency			.	.	.	.	.	.	.	.	.	.	.
Putthùr			.	.	.	.	.	.	.	.	.	.	.
Ràjamahindri	Mr. J. C. Larminie	Asstt. Engineer	.	.	1	1330	618	.	.	.	.	.	.
Rèpali	Mr. D. Cashin	Sub Engineer	5	9936	3	2665	3753	.	.	.	.	.	.
Salem			.	.	.	.	.	.	.	.	.	.	.
Shèrmàdèvi	Mr. M. C. Berlin	Supervisor	1	254	.	.	.	.	.	.	.	.	.
Sidout	Condr. J. Schowry	Supervisor	1	278	.	.	.	.	.	.	.	.	.
Sirulùr	Lt. F. Smithers	Asstt. Engineer	11	5505	.	.	.	6	4555	3	1305	3558	.
Stores, P. W.			.	.	.	.	.	.	.	.	.	.	.
Tanjore			.	.	.	.	.	.	.	.	.	.	.
Tindivanam			.	.	.	.	.	.	.	.	.	.	.
Tinnevelli	Mr. W. Hughes	Asstt. Engineer	1	1124	2	30500	486	.	.	.	.	.	.
Do. Northern ...	Mr. D. McKay	Sub Engineer	1	1324	.	.	.	.	.	.	.	.	.
Tirupatùr...	Condr. M. C. West	Supervisor	1	318	.	.	.	.	.	.	.	.	.
Trichinopoli	Captain R. F. Morris	Executive Engineer	1	270	.	.	.	.	.	.	.	.	.
Udaiarpaliàm			.	.	.	.	.	.	.	.	.	.	.
Ussùr			.	.	.	.	.	.	.	.	.	.	.
Vèlùr	Mr. C. Vincent	Asstt. Engineer	1	10514	1	6130	1244	.	.	.	.	.	.
Virudàchalam	Subbaraya Sharma	Asstt. Engineer	4	5867	10	157374	39549	.	.	1	3000	1645	.
Vizianagaram			.	.	.	.	.	.	.	.	.	.	.
Wàlàjà	Lt. R. L. Hamilton R.E.	Asstt. Engineer	.	.	.	.	.	.	.	1	13918	2582	.
Wainàd, North			.	.	.	.	.	.	.	.	.	.	.
Do. South			.	.	.	.	.	.	.	.	.	.	.
Workshop, P. W... ...			.	.	.	.	.	.	.	.	.	.	.
		Total ...	115	137111	64	604107	136225	29	47800	18	49147	38066	

Fort Saint George,
11th February 1877.

Controller, Public Works Accounts.

P.W.D.
15 377
No. 1603
2.

From

The Controller of
Public Works Accounts,
Madras,

To

~~The Accountant-General,~~ Secretary to Government
Public Works Department.
Fort St George

Dated 14 } February 1877.
Received }

Enclosure.—Statement of Serious Irregularities.

MADRAS PRESIDENCY.

Abstract of Objectionable Items, under I. of I. Irrigation for November 1876.

P. 28 Feby/77 I.B. No. 715

P.W.D.
15 377
No. 1603
1

From

The Examiner,
Public Works Accounts,

To

The Secretary to Government,
Public Works Department,
Fort Saint George.

Dated 14 February } 1877.
Recd.

Forwards for the orders of the Local Government a Statement of Objectionable Items in the Accounts of Executive Officers for the month of November 1876, under Imperial, Irrigation.

L. Conway-Gordon

Examiner, P. W. Accounts.

P. 28 Feby/77 I.B. No. 715

Imperial, Irrigation.

PART I.—Irregularities with respect to Estimate.

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Examiner.	Orders by Local Government.
	I Without Estimates						
	Bellary						
1	Eradakara Tank; repairs	..	721	721	..		
2	Nagalapur Tank; repairs	..	545	545	..		
	Bezwada						
3	Kistna Anicut; repairs	..	5510	5510	217	Estimate will be sanctioned on receipt of the same from the Executive Officer	
4	Planting grass and erecting groynes in Kistna Anicut	..	1005	1005	..	Estimate awaited from the Executive Officer	
5	Repairing No. 1, 3, 4 and 5 groynes	..	611	611	..	Do. Do.	
6	Toney's head sluice valve shutters	..	1423	1423	..	Estimate submitted to the Chief Engineer for Irrigation for sanction	
7	Masulipatam Canal, tow path		233	233		Estimate will be sanctioned shortly	
8	Old Ryves canal head sluice shutters	..	272	272			
	Cuddalore						
9	Arumpattam tank; closing breaches	..	297	297	..	Estimate under preparation	
	Cuddapah						
10	Chintakommadinne tank; repairs	..	430	430	310		
	Chingleput						
11	Alapur? tank bund; filling breaches	..	302	302	..		
12	Kuvattur tank; repairs	..	731	731	..		
13	Allur? tank; repairs	..	340	340	..		
14	Kathalam tank; repairs	..	1793	1793	..		
15	Uramallur tank; supply channel	..	393	393	..		
16	Pallipattu tank; repairs	..	231	231	..		
17	Ayalur tank; emergent repairs	..	284	284	..		
18	Periya Irumbedu Vilpoor? tank	..	212	212	..		
19	Sedanti? tank; repairs	..	250	250	..		
20	Adimanam tank; repairs	..	387	387	..		
21	Magaral tank; repairs	..	261	261	..		
22	Pallambakkam tank; repairs	..	302	302	..		
23	Parayankolattur tank; repairs	..	1154	1154	..		
24	Pernagar? tank; supply channel	..	573	573	..		

[P. W. D. Form No. 50, Part I. continuation.]

[Imperial Irrigation MONTH OF November 1876, SHEET NO. 2]

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	1 Without Estimates, Chingleput (continued)						
25	Koumagaracheri tangal	.	317	317	.		
26	Vaigavur Velli tank, repairs	.	200	200	.		
27	Oralli Small tank	.	221	221	.		
28	Periya Irumbedu kavan Mangal	.	249	249	.		
29	Kalhulam tank sluice	.	315	315	.		
30	Pel pur river channel	.	386	386	.		
31	Govindavadi Chitti tank	.	405	405	405		
32	Govindavadi large tank bund	.	552	552	552		
33	Irunachilly tank bund	.	340	340	340		
	Chikkakol						
34	Vamsadara river, Purushottapur main channel	.	303	303	303		
35	Languliya river, diversion main channel	.	511	511	511		
36	Languliya river, Madada main channel	.	690	690	690		
	Ellore						
37	Godavery Delta system; Irrigation channels	.	1599	1599	.		
	Godavery Central						
38	Pelaram irrigation channel, [illegible]		257	257	.		
	Godavery Eastern Delta						
39	Two composite Punts	.	4810	4810	2810		
40	Six wooden punts with iron rib	.	16500	16500	5600		
41	Bank canal, improving head of canal and part of present salingula channel	.	6250	6250	6250		
42	Samalkota canal, over Bhimavaram aqueduct	.	4075	4075	130		
	Godavery Western Delta						
43	Attali canal, Kavarada channel head sluice	.	573	573	.		
44	Attali canal, Manchili channel head sluice	.	570	570	.		
45	River embankment from Vijeswaram to Narsapur	.	2375	2375	.		
46	Narsapur canal under tunnel to Palkol old channel No 13	.	672	672	11		
47	Ellore canal, compensation for land	.	209	209	173		
48	Narsapur canal, Attanta new channel; compensation for land	.	344	344	246		
49	Drain west of Narsapur canal; compensation for land	.	753	753	74		
	Mospetta						
50	Garagam tank, repairs	.	212	212	.	Completed and completion report awaited	
51	Ramdrug tank, repairs	.	341	341	.	Estimate under preparation	

[P. W. D. Form No. 50, Part I. continuation.]

[Imperial Irrigation MONTH OF November 1876, SHEET No. 3.]

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	I Without Estimates, Hospetta (continued)						
52	Gundanhalli tank, closing breaches	..	1911	1911	..	Completed and completion report awaited	
53	Gudikoda tank supply channel, repairs		296	296	..	Estimate under preparation	
54	Tungabadra channel, fixing benchmarks		327	327	..		
	Kurnool						
55	Kottapalli tank, closing breaches		292	292		Estimate under preparation	
56	Masavirappa tank, repairs	..	213	213	..	Do. Do.	
	Madanapalli						
57	Devala cheruvu, thirumaladevara tank	..	671	671	..	Estimate has been called for from the Executive Officer	
58	Virapalli pedda cheruvu, repairing waste weir	..	3506	3506	..	Estimate submitted to the Chief Engineer for Irrigation	
59	Valdivara cheruvu tank, repairing waste weir		245	245			
60	Virapalli Pedda cheruvu tank		391	391	391		
	Masulipatam						
61	Masulipatam canal, closing breaches	..	969	969	46	Estimate will be sanctioned on receipt of the same from the Executive Officer	
62	River embankment around the Divi island closing breaches	..	1507	1507	1024		
	Mount						
63	Ainam tank, repairs	..	2045	2045	302		
64	Waterwashing of Ponniammen waste weir	..	2555	2555	..		
65	Thallam waste weir	..	990	990	..		
66	Lime, brick, tiles and materials at site	..	547	547	..		
67	Chembrambakam tank bund, raising revetment	..	775	775	..		
68	Thyrumurmalai large tank	..	274	274	..		
69	Ambattur tank, repairs	..	423	423	..		
70	Earth crushing machine Tools and Plant	..	263	263			
	Nellore Southern						
71	Gologamudi channel, excavation	..	7875	7875			
72	Gologamudi channel, culvert in the 2nd mile	..	531	531			
73	Gologamudi channel, culvert in the 3rd mile	..	371	371			
74	Gologamudi channel, culvert in the 5th mile	..	324	324			

[P. W. D. Form No. 50, Part I. continuation]

[Imperial Irrigation MONTH OF November 1876, SHEET No. 4]

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	I Without Estimates Nellore Southern (contd.)						
75	Constructing a syphon near Kanupartipad	..	2699	2699	..		
76	Valtur Channel; constructing a dam at head	..	439	439	..		
77	Cutting a drainage channel from Pudiparti swamp to Pudiparti tank	..	351	351	..		
78	Improving Pantapalam channel	..	639	639	..		
79	Golagamudi channel, compensation for land	..	2131	2131	31		
80	Kadittipalem large tank, repairs	..	204	204	..		
81	Penbarti tank, irrigation sluice	..	366	366	..		
82	Kistnapatam channel, deepening from head to first drop	..	521	521	..		
83	South Mopur old tank	..	206	206	..		
84	Eswaranata tank, flush escape	..	1126	1126	30		
85	Penner bank; cutting channel	..	425	425	425		
	Penaikonda						
86	Gottur tank, removing body wall	..	639	639	..	Estimate awaited from the Executive Officer	
87	[illegible] tank, repairs		565	565		Estimate under [illegible]	
88	Malleyamir tank, repairs	..	941	941	..	Estimate will be submitted to the Chief Engineer for Irrigation for sanction	
	Repalli						
89	Western Bank Canal, closing breaches	..	6563	6563	66		
90	Western Bank Canal; [illegible] embankment, closing breaches	..	1994	1994	66		
91	Western Bank Canal, flood bund near Pedda Ganjam	..	802	802	..		
92	Western Bank Canal; Itakapalli channel, closing breaches	..	300	300	110		
93	Nizampatam Canal, closing breaches below [illegible] lock	..	277	277	92		
	Chirmadiri						
94	Pay of Canal watchers	..	254	254	30		
	Sidout						
95	Canal planting in Cheyair river	..	278	278	..	Estimate will be called for and sanctioned	
	Sirukir						
96	Yinadi Atlapatam tank	..	266	266			
97	Kumaravirala patam tank	..	644	644			
98	Kanyempatam tank, repairs	..	387	387			

[P. W. D. Form No. 50, Part I. continuation.]

[Imperial Irrigation MONTH OF Nov. 1876, SHEET No. 5.]

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	I Without Estimates, Tinnevelly (continued)						11
99	Arur tank, repairs	.	250	250	.		
100	Chinnambidu tank, repairs	.	702	702	.		
101	Melavail & Bommasamudram tank, repairs	.	230	230	.		
102	Patraperumallur large tank, repairs	.	238	238	.		
103	Narrayanavaram river embankment, repairs	.	643	643	.		
104	Meddavil tank, repairs	.	379	379	.		
105	Villanthur tank, repairs	.	298	298	.		
106	Chinnambidu supply channel, head sluice	.	1368	1368	231		
	Tinnevelly						
107	Pay of canal watchers	.	1124	1124	110		
	Tinnevelly Northern						
108	Kuvanur tank bund	.	1324	1324	600		
	Tirupatur						
109	Nariampatti factory tank	.	318	318	.		
	Trichinopoly						
110	Koleroon river left flood bank; planting nanal and wild cane		270	270	107		
	Vellur						
111	Mainandur tank lower sluice					Estimate will be sent to the Chief Engineer for Irrigation for sanction as soon as it is received from the Executive Officer duly returned for correction	12
	Vriddachalam						
112	Pelandorai Anicut system, flood banks	.	3205	3205	.		
113	Pelandorai Anicut system, [illegible] sluice	.	1552	1552	.		
114	Pelandorai Anicut system, [illegible] roads	.	420	420	.		
115	Pelandorai Anicut system; tunnels on branch roads 3	.	690	690	.		
	II Excess over Estimates						
	Bezwada						
116	Constructing a bridge across the high level canal at Peritol	14170	14466	296		The excess will be recovered	
117	Kistna river embankment	1230	1550	320	.		

[P. W. D. Form No. 50, Part I. continuation.]

[Imperial Irrigation MONTH OF Nov 1876, SHEET No. 6.]

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	II Excess over Estimates (contd.)						13
	Chingleput						
118	Purungal tank; repairs	480	728	248	3		
	Godavery Eastern Delta						
119	Dowleswaram Workshop, flood embankment	1368	1727	359	.		
120	Lock at 29th mile of [illegible] River	2660	2763	1003	.		
	Godavery Western Delta						
121	[illegible] Bank bund; improvements	20000	22017	2017	3		
122	Head Sluice to Gontie channel	750	1021	271	.		
123	Parallel channel above Poder lock	1320	1576	256	.		
124	Sluice at the head of Ralinghi main branch	1110	1394	284	.		
125	Tidal lock at Mogaltur	29330	29750	420	.		
126	Lock weir at Mogaltur	2380	2664	284	.		
127	Earthwork of Mogaltur Extension	18500	19322	822	.		
128	Lock at head of Chullakanpád Canal	14510	14924	414	.		
129	Regulating bridge and escape at 9½ miles	2840	3305	465	.		
130	Ellore Canal; drop at 9½ mile	700	929	229	.		
131	Ellore Canal; drop at 14th mile	550	916	366			
132	Ellore mid level canal, earthwork	20280	21449	1169	.		X 14
133	Culvert and bridge approach at Alampuram	1100	1352	252	.		
	Masulipatam						
134	Annampudi under tunnel	19000	21745	2745	9	The Excess will be provided	
	Mount						
135	Surapádu irrigation Sluice	5463	5776	313	.		
136	Channel of communication between sluices and irrigation channels of Thirumudivakam	1643	2425	782	.		
137	Experimental trial of Tivey's equilibrium valve	220	562	342	.		
138	Chembrambakam tank; compensation for land	9720	30333	20613	.		
	Nandial						
139	Survey Establishment	300	529	229	59		
	Nellore Southern						
140	Drainage channel from aqueduct to old Rami [illegible] channel	770	1160	390	.		
141	Sanepalli old drain; deepening and improving	2930	5810	2880	19	Revised estimate under preparation	
142	Sanepalli channel; compensation for land	3000	4807	1807	222		
143	Vallur Branch; compensation for land	1800	2779	979	236	The Excess will be provided in the revised estimate for Sanepalli Project 18	
	15	5	5	5	5		7

[P. W. D. Form No. 50, Part I. continuation.]

[Imperial Irrigation MONTH OF Nov. 1876, SHEET No. 7 .]

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.
	II. Recapitulation Estimates, Nellore Southern (continued)						
144	Chennur channel; compensation for land.	22675	23615	940	.	The excess is within 5 per cent and completion report awaited	
145	Sannipalli channel, compensation for land	12256	17591	5335	70		
146	Main canal; enlarging old channel	820	1334	514	.		
147	Regulating sluices at the head of Jaffarpalli channel	4720	5081	361	.		
148	Sannipalli channel; head sluice	7340	8956	1616	.		
149	Surplus sluice adjacent to the Sannipalli branch head sluice	6470	6781	311	.		
150	New waste weir of Sannipalli channel	1670	1997	327	.		
151	Lengthening and improving 5 irrigation sluices in the main reservoir at Rs 100 each	3500	3891	391	.		
152	Head sluice to Idagalu	4440	5131	691	.		
153	Fall to Idagalu branch channel	970	1218	248	.		
154	Idagalu channel; earthwork	11430	15972	4542			
155	Iparum channel; earthwork	2843	3046	203			
156	Pudupalli channel; fall to Pudupalli tank	1040	1259	219			

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Examiner.	Orders by Local Government.
	II. Recapitulation Estimates, Nellore (continued)						
165	Improvements to Sandil tank surplus calingulah	920	1809	889	.		
166	Excavating 5 irrigation channels from supply channel to Allur tank	665	3015	2350			
	Tirunevelly						
167	North head sluice	18200	18436	236	246		
168	South head sluice	12300	12550	250	246		
	Nellur						
169	Improving Shrinpadu tank and supply ch.	6130	7374	1244	.	completed and completion report awaited	
	Nundachalam						
170	Pelandorai Anicut system; head sluice	6240	9691	3451	.		
171	Pelandorai Anicut	48634	71098	22464	.		
172	Aculent of two arches at Station 47	1450	1925	475	.		
173	Aculent of two arches at Station 74	1450	2087	637	.		
174	Aculent of two arches at Station 29	1450	2258	808	.		
175	Aculent of two arches at Station 93 A	950	1630	680	.		
176	A building at the vicinity of the work	350	2240	1890	.		

16

157	Idagali channel; six irrigation sluices	1560	1863	303	.	
158	Sparvu channel; four irrigation sluices	1040	1351	311	"	
159	Pudiparti channel; two irrigation sluices	520	741	221	"	
160	Vallur channel, head sluice	3050	4333	1253	"	
161	Vallur channel; earthwork	11500	13254	1754	"	
162	Sanjiv Anicut extension	112610	143087	30477	"	Revised estimate has been submitted to the Chief Engineer for Irrigation for sanction
	Rajamahendri					
163	Constructing a culvert of 15' span on road from Jaggampett to Kottapalli	1330	1948	618	.	
	Repalli					
164	Nizampatam Canal; revets the west bank near Nattavada	1030	1594	514	.	Revised estimate will be submitted to the Chief Engineer for Irrigation on receipt of further information from the Executive Officer

177	Main channel from the Anicut	88600	96426	7826		
178	A masonry fall and supply sluice at Station 54 A in the main channel	1410	2138	728		
179	A masonry fall and supply sluice at Station 59 A in the main channel	840	1430	590		

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[P. W. D. Form No. 50, Part I. continuation.]

MONTH OF ______ 187 , SHEET No.

Item No.	Particulars.	Amount of Estimate.	Expenditure up to date.	Excess over Estimate.	Expenditure during month.	Opinion of the District Engineer, with final remarks by Controller.	Orders by Local Government.

FROM L. CONWAY-GORDON,

EXAMINER, P. W. ACCOUNTS.

TO THE SECRETARY TO GOVERNMENT,

PUBLIC WORKS DEPARTMENT.

NO. 418.W. FORT ST. GEORGE, 10TH. FEBY. 1877.

SIR,

IN FORWARDING THE STATEMENT OF OBJECTIONABLE ITEMS (IRRIGATION) FOR THE MONTH OF NOVEMBER 1876, I HAVE THE HONOR TO CALL THE ATTENTION OF GOVERNMENT TO THE FACT THAT UP TO THE END OF NOVEMBER 1876 EXPENDITURE TO THE AMOUNT OF RS.85,866 HAD BEEN INCURRED IN EXCESS OF APPROPRIATIONS VIZ:-

WITHOUT APPROPRIATION..............RS.47,800
EXCESS OVER APPROPRIATIONS MADE.... 38,066.

2. I HAVE ALREADY REPORTED IN MY LETTER NO.379.W. OF 17TH.JANUARY 1877, THAT THE APPROPRIATIONS MADE BY DISTRICT ENGINEERS FROM THE ORDINARY GRANT HAD UP TO THE END OF NOVEMBER EXCEEDED BY RS.1,21,146 THE ALLOTMENTS PLACED AT THEIR DISPOSAL.

3. THESE CIRCUMSTANCES TAKEN TOGETHER LEAD ME TO FEAR THAT UNLESS FURTHER MEASURES ARE TAKEN TO RESTRICT EXPENDITURE THERE WILL STILL BE AT THE END OF THE YEAR A

CONSIDERABLE EXCESS OVER THE ORDINARY GRANT.

I HAVE THE HONOR TO BE

SIR,

YOUR MOST OBEDT. SERVT;

C. Conway-Gordon

EXAMINER, P.W. ACCOUNTS.

COPD. &EXE. A.F.

P.W.D.
15FE377
No. 1603

25.1.77. No 243
10.11.76 " 3020

FROM THE EXAMINER, P.W. ACCTS.

MADRAS.

TO THE SECRETARY TO GOVT.

P.W. DEPT.

No. 415. W.

DATED, 10TH. FEBY, 1877.

RECD.

FORWARDS THE STATEMENT OF OBJECTIONABLE ITEMS, IRRIGATION, FOR THE MONTH OF NOVEMBER 1876, WITH OBSERVATIONS.

Ar 25.2.77.

E. I. Form No. 22.

No 691

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 28 Feb/77

Read the following;—

From the Examiner of Pr Accts (H.E. No 415 W d/ 10th Feb/77)

The attention of the District Engineers concerned will be called to these statements. The Government, in their Order No 243 dated 25th January 1877 expressed their desire to find a marked improvement as regards Financial regularity in the Examiner's statement for November 1876 which desire has been partly realized by reduction of the irregular expenditure. District Engineers will make every

Endeavour to clear their "Objection-
-able item Statements."

[signature]

May. 24/2

O.L. ✓
C.S. fn I. ✓
E.P.W.R. ✓
Despd 22.3.77

No. 1606

Govt. of {1877} Madras.

PUBLIC WORKS.

To

District Engineers.

Dated

Issued

Recd.

Encl.

G. O., 25th Feby. 1877, No. 691

Nos. 715-718

Statement of objections to items in the accounts of Executive Officers under "Internal Inspection." The attention of District Engineers called to the ... submitted by the Examiner for ... of ... 1876.

.1.77