



PUBLIC WORKS DEPARTMENT.

---

**ADMINISTRATION REPORT**

OF

**IRRIGATION WORKS**

IN THE

**BOMBAY PRESIDENCY**

**1909-1910,**

WITH

**Accounts and Statistical Statements.**

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BOMBAY

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## INDEX.

	Pages
General results regarding receipts from, expenditure on and areas irrigated by irrigation works in the Bombay Presidency	i & ii
Details of expenditure	iii
General review of irrigation works in Northern Division	iii & iv
Do. do. in Central Division	v to viii
Do. do. in Southern Division	viii to x
General remarks in connection with the character of inundation in Sind	xi
General review of irrigation works in Indus Right Bank Division	xi to xiii
Do. do. Left Bank Division	xiii to xvi
Work done by the Indus River Commission	xvi to xviii
Summary of Irrigation Revenue	xix
Administrative Accounts, Public Works Department (Irrigation), for the Bombay Presidency	(1) to (128)
<b>Statistical Statements for Irrigation Works, Deccan and Gujarát :—</b>	
Statement I A—Statement showing size, command, length and cost of canals.	2 & 3
Statement II A—Statement showing details of catchment area, storage, command and cost of reservoir projects	4 & 5
Statement I B—Capital Account of Irrigation Works for and to end of 1909-10	6 to 9
Statement I C, showing financial results of irrigation works for the year ending 31st March 1910. Realizations under main heads of revenue and working expenses	10 & 11
Statement II C, showing financial results of irrigation works based on actual receipts	12
Statement III C—Demands and realizations during the year 1909-10	13
Statement IV C, showing the financial results of irrigation works for 1909-10 based on assessments	14
Statement I E, showing areas irrigated and average discharges and duty of water in regard to irrigation works during 1909-10	15 to 17
Statement II E, showing incidence of working expenses and assessed revenue on certain irrigation works during 1909-10	18 & 19
Statement III E, showing quantity and value of crops irrigated during 1909-10	20 to 28
Statement IV E—Comparative statement of irrigation and rainfall for the years 1908-09 and 1909-10	29 to 31
Statement F, showing remissions on irrigation works for the year 1909-10	32
Statement I F, showing water-rates per acre in force during 1909-10	33 & 34
Statement G, showing areas and water-rate assessments during 1909-10 according to the system of classification adopted in fixing the scale of water-rates.	35
Statement H, showing operations of the year 1909-10	36 & 37
<b>Statistical statements for Sind :—</b>	
Statement I A—Statement showing size, command, length and cost of canals.	40 to 43
Statement I B—Capital Account of Irrigation Works for and to end of 1909-10	44 & 45
Statement I C, showing the financial results of irrigation works for the year ended 31st March 1910. Realizations under main heads of revenue and working expenses	46 & 47
Statement II C, showing the financial results of irrigation works for 1909-10 based on actual receipts	48
Statement III C—Demands and realizations during the year 1909-10	49
Statement IV C, showing the financial results of irrigation works for 1909-10 based on assessments	50 & 51
General Abstract of financial results of irrigation works for and up to end of 1909-10	52 to 59
Statement I E, showing areas irrigated and discharges and duty of water in relation to certain works during 1909-10	60 & 61
Statement II E, showing incidence of working expenses and assessed revenue on certain canals during 1909-10	62
Statement III E, showing quantity and value of crops irrigated during 1909-10	63 to 70
Statement IV E—Comparative statement of irrigation and rainfall for the years 1908-09 and 1909-10	71 to 75
Map of the Northern Division.	
Do. Central Division.	
A note regarding the map of the Southern Division.	
Index map of the Indus Right and Left Bank Divisions.	





Names of Canals.	1908-1909.	1909-1910.	Difference.
	Acres.	Acres.	Acres.
<b>MINOR IRRIGATION WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.</b>			
<i>Deccan and Gujarát.</i>			
Wangroli Tank ... ..	1,921	488	-1,433
Tranza-Nagramma ... ..	242	...	-242
Savli Tank ... ..	1,401	1,569	+168
Hartála Tank ... ..	46	9	-37
Mhasva Tank ... ..	460	555	+95
Jámda Canals ... ..	2,825	1,902	-923
Parsul Tank ... ..	524	1,447	+923
Pravara River Works—Ojhar Left Bank Canal ...	8,105	6,179	-1,926
Bhátodi Tank ... ..	1,212	1,610	+298
Kásurdi do. ... ..	19	46	+27
Shirsuphal Tank ... ..	839	1,481	+642
Bhádálvádi do. ... ..	1,578	1,986	+408
Koregaon do. ... ..	494	459	-35
Ashti do. ... ..	2,960	3,759	+799
Páthri Tank ... ..	620	893	+273
Revári Canal ... ..	1,476	1,126	-350
Upper Mán River Works ... ..	1,184	687	-497
Yerla River Irrigation Works ... ..	3,865	3,784	-81
Chikhli Canal ... ..	453	814	+361
Maini Tank ... ..	1,609	1,615	+6
Muchkundi Tank ... ..	2	...	-2
Gadikeri do. ... ..	377†	377†	...
Gokák Canal, 1st Section, and Storage Works ...	8,015	8,507	+492
Dambal do. ... ..	231	178	-53
Medleri do. ... ..	144*	144*	...
Medleri do. ... ..	167	119	-48
Asnadi do. ... ..	128	146	+18
Madag do. ... ..	185*	185*	...
Madag do. ... ..	895	661	-234
Mávinkop do. ... ..	559*	585*	+26*
<b>Total, Deccan and Gujarát ...</b>	<b>542,536</b>	<b>40,661</b>	<b>-1,875</b>
<i>Sind.</i>			
Sukkur Canal ... ..	1,37,481	131,807	-5,674
Ghár Canal ... ..	3,71,681	340,842	-30,839
Satta Canal ... ..	17,713	16,764	-949
Alibhar Kacheri Canal ... ..	11,555	12,053	+498
Márák Great Canal ... ..	66,070	60,081	-5,989
Sarfrázwah ... ..	37,933	33,870	-4,063
Fuleli Canal ... ..	3,80,165	370,843	-9,322
Hassanali Canal ... ..	17,126	17,785	+659
<b>Total, Sind ...</b>	<b>1,039,724</b>	<b>984,045</b>	<b>-55,679</b>
<b>Total, Irrigation Minor Works for which Capital and Revenue Accounts are kept ...</b>	<b>1,082,260</b>	<b>1,024,706</b>	<b>-57,554</b>
<b>Total, Irrigation Major and Minor Works for which Capital and Revenue Accounts are kept...</b>	<b>2,678,088</b>	<b>2,414,259</b>	<b>-263,829</b>

3. The above table does not include works for which only Revenue Accounts are kept or "Agricultural Works"; including these, the total area irrigated in Sind was 3,304,092 acres. Details will be found in Statement IV—E.

\* Area on which consolidated assessment is levied.

† Consolidated assessment levied on 837 acres only.

§ The difference between this figure and the figure in the Administration Report for 1908-09 is due to the omission of the area irrigated by the Khári Cut Canal which, in this Report, has been shown under Major Works, owing to its amalgamation with the Háthmati Canal.

## 2. The expenditure was distributed under different heads as under :—

Heads.				Amount.	Remarks.
<i>Capital—</i>				Rs.	
<i>Major Works—</i>				Rs.	
Protective Works	...	...	...	(a) 23,71,108	
Productive Works	...	...	...	(b) 1,99,352	
<i>Minor Works and Navigation—</i>					
Works for which Capital and Revenue Accounts are kept				25,70,480	Imperial.
<i>Revenue—</i>					
<i>Major Works—</i>					
Protective Works	...	...	...	68,071	
Productive Works	...	...	...	9,61,857	
<i>Minor Works and Navigation—</i>					
Works for which Capital and Revenue Accounts are kept				10,49,428	Go. do.
Works for which only Revenue Accounts are kept				14,56,613	Do. do.
<i>Agricultural Works—</i>					
Works for which neither Capital nor Revenue Accounts are kept.				18,83,907	
Contribution Works				39,321	
<i>Construction of Protective Works—</i>					
Works for which neither Capital nor Revenue Accounts are kept.				18,75,228	Deposits contributions.
Famine Relief Outlay on Irrigation Works				1,26,986	Imperial.
Grand Total				72,78,489	

(a) Inclusive of expenditure in England ... Rs. 1,08,732

(b) Do. do. ... " 857

## 3. The total is classified as under :—

	Deccan and Gujarat.		Sind.	Total.
	Rs.	Rs.	Rs.	Rs.
Works	22,90,908	3,68,899		26,59,807
Repairs	4,38,268	24,50,678		28,88,946
Establishment	6,49,707	8,97,634		15,47,341
Tools and Plant	1,05,613	55,968		1,61,586
Refunds of Revenue	1,583	.....		1,583
Suspense Account	48,670	—24,020		24,590
Receipts on Capital Accounts	—364	.....		—364
Total	35,29,380	37,49,159		72,78,489

## DECCAN AND GUJARAT.

## NORTHERN DIVISION.

During the year, the accounts of both the canals were amalgamated with effect from Hâthmati and 1st April 1909, and the combined project has been classed under "49" Irrigation Major Khâri Cut Canals. Works, under the orders of the Government of India.

The rainfall gauged at Ahmedabad and Parântij was 31.33 and 40.33 inches, respectively, against an average of 29.29 and 31.00 inches for the past 30 years including that under report. There was a sufficient supply throughout the monsoon in the Hâthmati River for this small canal up to the 15th October. At the end of the rabi season, *i. e.*, 15th February 1910, the discharge fell to 48 cusecs and it then gradually diminished and was only 16 cusecs on the 30th April 1910. Heavy rain fell in the catchment of the Hâthmati River on the 2nd August 1909 (7" at Ahmednagar and 10" at Bhiloda in 14 hours), and there was a large flood in the river, the water rose to 12.5 feet above the weir crest.

The Sâharmati River was also in flood about the same time, but no appreciable damage was caused except in a few places in the Dholka Taluka where an overflow occurred and breached the bunds of some tanks. There were also two large floods in the Khâri River, one on the 27th and the other on the 3rd August, the depth of water being 5.25 and 10.50 feet respectively over the weir crest at Raipur.

The Chandola Tank which is a small regulating tank in the Khâri Cut system supplied from the Raipur Weir on the Khâri River was filled on the 30th July 1909, again on the 5th September, and for the third time partially on the 9th December 1909.

The Bokh Reservoir was filled to F.S. L. on the 21st September 1909 and the storage was fully utilized.

The area irrigated and the gross assessed revenue, as compared with the average of the previous 10 years, are shown in the following table:—

Name of the Canal.	1909-1910.		Average of the past 10 years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Háthmati Canal	8,866	19,994	2,144	4,977
Khári Cut Canal	12,532	80,091	2,506	18,655

#### Khári Sluices.

In the Kalambandi villages under the Khári Sluices, the water-supply was abundant both for the kharif and rabi crops. The small Goblañ and Bherai tanks constructed to protect a portion of good rice land filled and about 400 acres were irrigated over and above the area which bears the consolidated assessment including the Himayat water rate.

#### New tanks in the Kaira Collectorate.

The area irrigated and the gross assessment on the Tranja-Nagrama, Wangroli and Savli Tanks, as compared with the previous year, are as shown below:—

Name of the Tank.	1909-1910.		1908-1909.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Tranja-Nagrama	.....	330	242	853
Wangroli	438	1,230	1,921	5,842
Savli	1,569	4,790	1,400	4,851

There was no irrigation under the Tranja-Nagrama tanks as there was no water at all in them. The Wangroli Tank was filled partially up to R. L. 95'75, *i. e.*, to 5'25 feet below the F. S. L., the rainfall in that neighbourhood being less than in the previous year. The whole area commanded by the Right and Left Bank Canals is very limited, and the storage cannot therefore be utilized even in years of scanty rainfall. With a view therefore to bring more land under command a project for extending the Right Bank Canal downwards, where there is good rice land available for irrigation, has been submitted for sanction. The Savli Tank was brought into operation in 1908-1909. The highest level reached by the water in the tank was 6 feet below the F. S. L. The rainfall was fitful and less than in the previous year. The dam and the canals were completed and the construction estimate was closed on the 31st March 1910.

#### The Saiat Tank.

The Saiat Tank was in progress. The dam and the canals have been completed and will be brought into operation during the year 1910-1911, the expenditure being Rs. 50,669.

#### The Muwalia Tank.

The Muwalia Tank was filled. The area irrigated was 51 acres in the kharif and 198 acres in the rabi season. Rs. 4,724 were spent on extending the Left Bank Canal and providing irrigation pipe-outlets on the Right and Left Bank Canals, and Rs. 3,977 on special repairs. The dam and the canals were maintained in good condition at a cost of Rs. 2,500.

#### Old Tanks.

Improvements to 20 and repairs to 60 small irrigation tanks in the Gujarát Irrigation District and repairs to 41 in the Surat and Broach District were executed at a total cost of Rs. 28,800 and Rs. 65,645, respectively, on improvements and repairs.

#### Boring operations.

Government having ordered experiments to be made in deep well boring in Gujarát, a site was selected in the Irrigation Store compound at Sánand and boring commenced on 1st September 1909; when a depth of 304 feet was reached on 22nd February 1910, water rose to within 23 feet of the ground surface. Another boring was then commenced at Dholka, the total expenditure being Rs. 17,598.

#### Drainage channels.

Only one original work of this class, *viz.*, the Checkla Drainage Channel was completed, the expenditure during the year being Rs. 129. All the old drainage channels in the Surat and Broach and Gujarát Irrigation Districts worked satisfactorily and were maintained at a cost of Rs. 8,634 and Rs. 6,029, respectively, but in some cases, in the latter district, there was no flow at all in them owing to the scantiness of the rainfall.

## CENTRAL DIVISION.

(a) *Nature and scope of any large works which have been undertaken or were in progress during the year.*

*Násik and Ahmednagar Irrigation District.*

On the Girna River the Chankapur storage works and the Girna Left Bank Canal which they are to serve are approaching completion. The storage is obtained by a masonry dam across the river and earthen embankments closing low saddles on either flank. The dam is provided with a set of undersluices at a low level. The stoney gates for these undersluices were temporarily erected for the rabi season and 65 feet depth of water was stored and issued for rabi to the completed Girna Left Bank Canal. The masonry during the year was completed to the full height of the dam and the sluices permanently fixed. The passage of floods is provided for by two waste weirs, one on each side of the river, where the height of the masonry dam is low. They are to be fitted with automatic gates and the side frames of 67 of these were fixed. The Girna Left Bank Canal, including the weir or head-work across the river, was completed and opened for rabi irrigation.

At the Wághad Tank, for the Kadwa River Canals, the new waste weir and automatic gates were for the first time utilised for extra storage and 566·10 million cubic feet of water were available for irrigation.

*Godáveri Canals.*

The Godáveri Canal Project, estimated to cost Rs. 95,61,044 including indirect charges, was sanctioned by the Secretary of State for India during 1906-1907 and work was commenced in February 1907. The project consists of—

- (1) A storage reservoir on the River Darna near Iगतपुरी in the Násik District.
- (2) Head Works, comprising a pick-up-weir with head regulators and scouring sluices and protecting embankments on either bank of the River Godáveri at Nandur-Madhmeshwar near Niphád in the Násik Collectorate.
- (3) Godáveri Right and Left Bank Canals, 72 and 50 miles in length respectively, with a gross command of 239,698 acres lying in the Násik and Ahmednagar Collectorates.

The canals have been put in charge of the newly-formed Pravara Canals District since January 1910 and the Reservoir and Head-works are under the Godáveri Irrigation District.

By the end of the season the level of the major portion of the Darna Dam was over R. L. 1,838 or only 29 feet below waste weir sill level. The undersluices and the two turbine sluices with the 30" pipe were erected. The pavement of the waste weir was also laid between chainages 500 and 1,000 or for half its length.

The masonry of the pick-up-weir at Nandur-Madhmeshwar was practically completed with the exception of the length lying between chainages 4,900 and 5,200, where unsatisfactory foundations had been met with. This portion was completely founded by the 3rd of February 1910, and the masonry was then pushed on vigorously so as to complete the whole weir before the break of the monsoon. The height to be built here was from 40 to 45 feet, with a 12 feet head wall above that again, the latter being necessary to prevent floods from passing over this part of the weir. The masonry of the head regulators of the canals was almost completed, while the Right Flank Embankment was finished, that on the Left Bank being pushed on with vigorously to ensure its completion before the rains.

The acquisition of land in the area submerged in the basin of the weir was almost completed, while work in connection with the new sites for the villages which will be submerged, such as levelling and well sinking, was in progress. The combined expenditure of the year on the Darna Dam and the weir was Rs. 11,30,390.

The earth-work of the Godáveri Right Bank Canal was in progress in the first 62 miles, as well as the masonry works. Owing to a favourable season, labour was difficult to obtain but the general progress made was satisfactory.

The construction of the distributaries for the canal was not actually started, but their survey up to the 61st mile was completed, and detailed plans and estimates for the first 27 miles were prepared.

As it was proposed to open the first 27 miles of the canal during the monsoon of 1910, every effort was made to complete this length in spite of the labour difficulty. Labour had to be imported for this purpose.

The canal telegraph line, which had been constructed from the Head Works at Khangaon along the Right Bank Canal to Chitali Station on the Dhond-Manmad Railway, was opened during the year and found most useful.

Earth-work on the Godáveri Left Bank Canal was in progress up to the 40th mile, gaps being left for the masonry works, etc., where necessary. Masonry works were also started in the first 10 miles.

#### *Pravara Canals.*

The main features of this project, as sanctioned by the Secretary of State for India in 1907, are the construction of a masonry dam, 250 feet in height, on the Pravara River at Bhandardara, situated in the gháts of the Ahmednagar Collectorate; the raising of the existing low weir at Ojhar on the same river and providing sluices in it for the Right Bank Canal; and the widening and extension of the old Left Bank Canal at present fed by this weir; also the completion of the Right Bank Canal constructed originally as a famine work. The estimated cost of this project is Rs. 86,44,841 including indirect charges, while the canals are designed to irrigate an area of 49,440 acres.

The dam itself and the subsidiary works connected therewith, such as service roads, a 1st class bungalow and quarters for the establishment, were in charge of the Executive Engineer, Násik and Ahmednagar Irrigation District during the year, the expenditure incurred thereon being Rs. 52,942.

The masonry works in connection with the Ojhar Right Bank Canal, commenced in 1908-1909, were in progress under the Executive Engineer, Ahmednagar District. They were transferred to a new executive charge, called the Pravara Canals District, formed on the 4th January 1910 with its head-quarters at Kopargaon for the construction of the canals of both the Godáveri and Pravara Projects.

The cross drainage works in connection with the Ojhar Right Bank Canal were completed up to the 27th mile. The survey for the distributary system under this canal was started.

Water was admitted into the canal and issued for monsoon irrigation only in the first 6 miles, irrigating an area of 218 acres during the year.

Preliminary work for the widening and extension of the Ojhar Left Bank Canal was started.

The expenditure since the formation of this district was Rs. 2,03,775.

#### *Poona Irrigation District.*

The work of lining with mortar a portion of the Mutha Right Bank Canal above the City of Poona was in progress, a length of 700 feet being completed at an expenditure of Rs. 17,845. The canal here, at the same time, is being widened so as to give it a capacity of 1,000 cusecs with a full supply depth of 10 feet. The bed and sides are being lined with stone and mortar to reduce the percolation into the City. As the canal cannot be closed except for short periods of 4 days at a time, this work is being carried out in lengths of 500 feet, the flow being diverted through a corrugated iron flume of the same length, which is placed in a cut made alongside and above the canal. Experiments made to ascertain the amount of leakage in a length of about 500 feet before and after lining show that the lining reduced the leakage from about 7·2 to 1·8 cusecs per million square feet of wetted surface. The amount of the sanctioned estimate is Rs. 1,00,002.

The following works in connection with the Poona Cantonment Water Supply, undertaken during the previous year, were completed during the year under report:—

Work.	Expenditure during the year.	Total Expenditure on the work.
	Rs.	Rs.
(1) Providing a complete set of steam pumping machinery.	9,573	71,072
(2) Removing and replacing the mains to the Yeravda Central Prison.	5,178	43,553
(3) Enlarging the Bhamburda water-supply main ...	10,604	32,454

The construction of an overbridge across the Mutha Right Bank Canal near Parvati was in progress, the expenditure being Rs. 1,670.

#### *Sholápur District.*

The construction of the Pathri Tank Channel and distributaries was almost completed. The length of channel completed is 4 miles and 33 chains,—of distributary No. 1, 60 chains—and of No. 2, 2 miles and 10 chains.

The Wadshivne Tank Channel was in operation during the year, while a project for completing the Right Bank distributary has been sanctioned.

*Special Duty Irrigation Surveys.*

During the year detailed surveys and estimates for the Nira Right Bank Canal Project from miles 20 to the end of mile 110 were prepared and submitted to Government. The design and estimates for raising the Bhatghar dam and the Vir weir for giving supply to the Nira Right Bank Canal and an additional supply to the Nira Left Bank Canal were also completed. The maps and plans to accompany the final report on the survey for Protective Irrigation Projects in the Deccan were prepared and printed under the supervision of the Executive Engineer, Special Duty Irrigation Surveys.

*Second Class Irrigation Works.*

On repairs and extensions and improvements to the Second Class Irrigation Works situated in the Násik and Ahmednagar Irrigation District, a sum of Rs. 34,922 was expended, while in the West Khándesh District, the expenditure was Rs. 6,460 and in the East Khándesh District Rs. 4,671.

*Areas of Irrigation and Revenue.*

The following table shows the areas irrigated under, and the gross assessed revenue derived from, the irrigation works in operation in 1909-1910, as compared with the average of the last 10 years:—

Names of Works.	1909-1910.		Average of past 10 years.		
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.	
	Acres.	Rs.	Acres.	Rs.	
<i>Major Works Protective.</i>					
Nira Canal including Shetphal Tank ... ..	44,138	3,21,148	41,878	2,46,941	
Mhaswad Tank ... ..	6,658	33,967	7,640	29,118	
Pravara River Works, Ojhar Right Bank Canal... ..	218	234	.....	.....	
Chankapur Tank, Girna Left Bank Canal ... ..	3,099	5,392	.....	.....	
Total ... ..	54,113	3,60,741	49,518	2,76,059	
<i>Productive Works.</i>					
Lower Pánjhra River Works ... ..	2,516	14,255	2,467	15,990	
Kadwa River Works ... ..	Wághad Tank ... ..	.....	17	107	
	Páikhed Canal ... ..	2,161	14,392	2,094	12,117
	Ojhar Tambat ... ..	632	3,670	566	2,964
	Wadali Canal ... ..	500	3,681	445	1,329
Pravara River Works, Lakh Canal ... ..	691	1,353	737	1,233	
Mutha Canals including Matoba Tank ... ..	13,769	3,52,982	11,096	3,27,895	
Ekrak Tank ... ..	4,643	46,713	4,309	36,670	
Total ... ..	24,912	4,35,963	21,714	3,98,255	
Total, Major Works ... ..	79,025	7,96,704	71,232	6,74,314	
<i>Minor Works and Navigation.</i>					
Hariála Tank ... ..	9	1,206	35	540	
Mhaswa Tank ... ..	555	2,999	473	1,557	
Jámda Canals ... ..	1,902	5,293	2,889	7,045	
Parsul Tank ... ..	1,447	4,765	552	2,077	
Ojhar Left Bank Canal ... ..	6,179	10,566	6,046	9,091	
Bhátodi Tank ... ..	1,610	7,857	909	5,047	
Kásurdi Tank ... ..	46	488	34	569	
Shirsuphal Tank ... ..	1,481	3,624	968	2,276	
Bhádálwádi Tank ... ..	1,986	4,708	1,284	2,972	
Koregaon Tank ... ..	459	1,157	296	740	
Ashti Tank ... ..	3,759	15,532	2,434	8,458	
Páthri Tank ... ..	893	3,145	234*	971*	
Total ... ..	20,226	61,940	16,243	41,388	
Total, Major and Minor Works (Capital) ... ..	99,251	8,68,044	87,475	7,15,652	
<i>Second Class Irrigation Works.</i>					
Poona Irrigation ... ..	731	3,502†	721	3,498†	
Násik and Ahmednagar Irrigation ... ..	31,708	1,42,956†	29,054	1,42,211†	
East Khándesh ... ..	536	2,334†	609	3,615†	
West Khándesh ... ..	3,748	54,655†	3,350	57,179†	
Total ... ..	41,778	2,03,477	39,344	2,06,498	
Grand Total ... ..	141,024	10,61,521	128,819	9,22,150	

\* Average of four years.

† Irrigation Share only.

This table shows that, excluding the figures for Second Class Irrigation Works, the area irrigated and the gross assessed revenue during the year are in excess of the mean of the past 10 years by 11,776 acres and Rs. 1,42,392 respectively. The increases are partly accounted for by the introduction of irrigation for the first time under the Ojhar Right Bank and the Girna Left Bank Canals, and partly by extended irrigation under the Nira and Mutha Canals and the Ashti Tank. The other works show small increases or decreases which are accounted for by the cultivators' demand for water and the extent of the supply in the several tanks.

The increase in area under the Nira Canal was due to more monsoon crops being irrigated than usual. On the Mutha Canal the increase was entirely due to the special arrangements made for sending a larger discharge down the Mutha Right Bank Canal by temporarily lifting the Poncelet wheel at Poona, which made it possible to supply water to a much larger area of monsoon crops under the Matoba Tank and at the tail of the canal.

(b) *Important events which have occurred concerning works.*

No events of much importance occurred during the year. The rainfall was generally sufficient and timely, while there were no extraordinary floods. The Ekruk Tank overflowed for the first time for 5 years and the Mhaswad Tank was filled during June, an unusually early date.

(c) *Engineering questions, etc., which have arisen.*

The clearing and deepening of the nalla near Pandhara on the Nira Canal, carried out during the previous year, resulted in a marked improvement of the lands on its banks which were affected by salt efflorescence. Some of the fields which were formerly altogether useless for cultivation of any kind have now become quite culturable.

The work of providing an experimental pumping station for utilising the sub-soil water for irrigation in the village of Hol under the Nira Canal was in progress during the year, the expenditure incurred being Rs. 3,462. The engine and pump were purchased and erected temporarily on a wooden platform and the channel for leading water from the pump to the fields to be irrigated was partially completed. The excavation for the pond was carried down to hard murum.

At the end of the rainy season, a temporary wall 2 feet in height was built on the top of the Vir weir at a cost of Rs. 1,319 and an extra storage of about 106 M. cft., yielding a revenue of about Rs. 3,710, was thus secured.

(d) *Surveys, etc.*

The work of constructing field embankments at the village of Chandnapuri in the Sangamner Taluka of the Ahmednagar Collectorate was continued. This work was an experiment to test the usefulness of the terracing and field embankment proposals, for which estimates on a large scale have been prepared for famine purposes.

Gauging of the rivers in the Deccan and Gujarat, commenced by the Superintending Engineer on Special Duty and transferred to the respective Executive Engineers of the Districts through which the rivers flow, were continued and the discharges calculated in the office of the Superintending Engineer, Central Division.

(e) *Results of new administrative measures affecting the Department which have been tried.*

The block system of irrigation continued to work satisfactorily on the Nira Canal. The experiment regarding distribution of water by time and measurement, started two years ago on Distributary No. 29 of the canal, was continued during the year.

The telegraph line on this canal continued to prove of great help in the efficient working of the canal.

A Kennedy's gauge outlet, with a capacity of 2 cusecs, was fixed on the Mutha Left Bank Canal, but the fluctuations in the level of the water being large, it did not work well. It will be removed and re-erected at a more suitable place.

Two Grant Mitchell meters, with a capacity of 350 cubic feet per minute, were erected on the Nira Canal for trial purposes, but sufficient observations could not be made during the year to enable definite conclusions to be arrived at.

SOUTHERN DIVISION.

The area under irrigation and gross assessed revenue on all the First Class Irrigation Works in the Southern Division are shown below in two statements; in the first, they are detailed by works, and in the second, by Districts. The figures of the past year are compared with those of the average of the previous ten years:—



## AREAS OF IRRIGATION AND REVENUE.

## Statement I.—Individual Works.

Name of Work.	1909-1910.		Average of previous 10 years.		Area under consolidated assessment.
	Area irrigated.	Assessed revenue.	Area irrigated.	Assessed revenue.	
	Acres.	Rs.	Acres.	Rs.	
<i>Major Works.</i>					
Krishna Canal ... ..	5,362	53,213	6,667	44,610	
<i>Minor Works.</i>					
Rewári Canal ... ..	1,125	4,675	664	3,392	
Upper Mán River Works ... ..	686	2,569	844	2,873	
Yerla River Irrigation Works ... ..	3,684	14,703	3,082	9,977	
Chikhli Canal ... ..	813	1,655	293	1,403	
Maini Tank Canal ... ..	1,615	6,774	1,466	6,017	
Muchkundi Tank ... ..	2	.....	49	406	
Gadikeri Tank (a) ... ..	377	1,987	1,345	1,987	(a) Only 337 acres are under consolidated assessment.
Dambal Tank (b) ... ..	322	1,475	358	1,869	(b) Includes area under consolidated assessment.
Medleri Tank ... ..	119	909	106	679	
Madag Tank ... ..	661	2,863	863	2,420	
Asundi Tank (b) ... ..	331	1,234	314	1,341	
Mavinkop Tank (c) ... ..	585	2,203	556	2,004	(c) Area under consolidated assessment.
Gokak Canal, 1st Section, and Storage Works ... ..	8,507	37,137	9,968	32,202	
Total ... ..	18,327	77,734	18,903	65,570	
Grand Total ... ..	23,689	1,29,947	25,570	1,10,180	

## Statement II.—Districts.

Name of District.	Area irrigated.	Assessed revenue.	Average of previous 10 years.	Area under consolidated assessment.
	Acres.	Rs.	Acres.	Rs.
Belgaum ... ..	8,884	39,124	10,313	34,189
Dhárwár Irrigation ... ..	2,018	8,234	2,202	8,313
Śátára ... ..	12,785	82,589	13,006	67,272
Bijápúr ... ..	2	.....	49	406
Total ... ..	23,689	1,29,947	25,570	1,10,180

Although the total area irrigated was less than that of the previous year by 790 acres, the assessed revenue was about equal to that of the previous year. This was due to more demand for water for high-rated crops during the rábi season. The same reason explains the decrease in the area and increase in the assessed revenue by 1,881 acres and Rs. 19,767, as compared with the figures showing the average of the previous ten years.

## Remarks on Individual Works.

With a view to store sufficient water for rábi irrigation, the permanent weir was temporarily raised to a height of 2.50 feet at an expenditure of Rs. 1,557, and thus held an additional storage of 384 million cubic feet. This raising answered its purpose satisfactorily and proved a profitable work. Gokak Canal.

Owing to the non-occurrence of hot-weather thunder-storms on the catchment area, the supply of water in the tank fell short of requirements on the 24th April 1909, and the deficiency continued till the 26th May 1909.

The tank began to fill from the 27th May 1909, and to overflow on the 28th June 1909. The maximum flood of the year occurred on the morning of the 15th July 1909, when the water level rose to 3.56 feet above the permanent weir crest (R. L. 2003.00). This flood is estimated at 70,552 cubic feet per second, which is equal to a run-off of 0.10 inch per hour from the catchment of 1,080 square miles.

The main river under-slucices were finally closed on the 5th November 1909, and the storage was first drawn upon on the 21st December 1909.

Experiments to ascertain the saturation of high embankments were carried out and the results recorded in the Dhárwár Irrigation and Śátára Districts.

Second Class Tanks.

The expenditure on repairs to Second Class Tanks as compared with the average of the previous ten years was as follows :—

District.	1909-1910.		Average of previous 10 years.		Remarks.
	Number of tanks repaired.	Cost.	Number of tanks repaired.	Cost.	
Belgaum	42	Rs. 13,872	40	Rs. 22,567	
Dhárwár Irrigation	170	79,182	87	71,870	
Ratnágiri	2	132	2	399	
Bijápúr	.....	.....	2	1,445	
Sátára	.....	.....	76	48	
Kánara	.....	.....	76	68	
Total	214	93,186	131	96,382	

The area under irrigation and the irrigation share (four-fifths) of the assessed consolidated revenue of the year compared with the averages of the previous ten years were as follows :—

District.	1909-1910.		Average of previous ten years.		Remarks.
	Area irrigated.	Assessed irrigation revenue.	Area irrigated.	Assessed irrigation revenue.	
Belgaum	Acres. 9,910	Rs. 33,049	Acres. 9,910	Rs. 33,049	
Dhárwár Irrigation	62,013	1,70,470	55,773	1,69,869	
Ratnágiri	1,196	3,144	1,088	2,799	
Bijápúr	1,353	5,564	1,438	5,496	
Sátára	105	660	107	669	
Kánara	585	2,208	112	464	
Total	75,182	2,15,090	68,423	2,12,326	

Tank at Shedbál.

This work, which was in progress during the previous year, was completed at a cost of Rs. 2,859, the total expenditure being Rs. 63,386 against the sanctioned estimate of Rs. 65,056.

The gap left as a temporary waste weir was completely filled, and water was stored early in June 1909 to a height of 18 feet. As the owners of land to be irrigated had not prepared their fields for irrigation, the water was not used except for drinking purposes by the people and their cattle. The tank has been handed over to the villagers to regulate and distribute the water-supply when available.

Dharma Canal Improvements.

This work, which was sanctioned in Government Resolution No. W. I-2405, dated 12th October 1909, and was estimated to cost Rs. 88,912, was commenced in the month of January 1910, and the expenditure on it to end of March 1910, was as under :—

				Rs.	a.	p.
1. Works	...	...	...	3,844	12	2
2. Establishment	...	...	...	530	0	6
3. Tools and Plant	...	...	...	44	2	9
Total	...	...	...	3,918	15	5

Irrigation Rest Houses.

The Irrigation Rest Houses, one at Honkan, Táluka Hangal, and the other at Lakkikop, Táluka Bankápúr, both in the Dhárwár Irrigation District, were completed for Rs. 5,178 and Rs. 5,177, the expenditure during the year under report being Rs. 1,342 and Rs. 651 respectively. Wells in the compounds of the three Irrigation Rest Houses at Hangal, Honkan and Lakkikop were under construction; the expenditure on them during the year was Rs. 254, Rs. 576 and Rs. 763 respectively.

Residence for the Executive Engineer, Dhárwár Irrigation-Dharma and Naregal Canals.

The building was completed at a total cost of Rs. 15,873.

The Dharma Canal began to flow from the 27th June 1909, but there was not much water in it after the 31st October 1909. The crops all along the canal and under the tanks supplied by it, were good. The Naregal Canal is in need of repairs.

35.—Protective Irrigation Works.

Twenty rain and river gauges, transferred to the Belgaum, Sátára and Kánara Districts, were maintained during the year by the respective Executive Engineers.

## SIND.

The inundation of 1909 was, on the whole, good, though not so favourable as that of 1908. Character of the Inundation.

The fair irrigating level of 13 feet at Bukkur was first reached on the 28th July, and this level was maintained for the following periods during the inundation:—28th July to 4th August, 23rd August to 13th September, and, for another day, the 17th September, making in all 31 days, as compared with 59 days of the previous year, and, an average of 44 days during the previous 10 years. On the Kotri gauge, the fair irrigating level of 17 feet was first registered on the 24th June, and this level was maintained for the following periods during the season:—24th to 29th June, 8th to 10th July, 13th to 20th July, and 24th July to 24th September, a total of 80 days, as compared with 79 days in 1908, and an average of 46 days during the previous 10 years.

The highest readings for the year were 14.4 feet on the Bukkur gauge, recorded on the 28th August, and 20.8 feet on the Kotri gauge, recorded on the 30th August. The highest readings in 1908 were 16.1 feet and 22.9 feet on the Bukkur and Kotri gauges, respectively.

The rainfall during the year was 5.2" as compared with 9.46" in 1908, and an average of 4.78" during the previous 10 years. The fall in July was of some benefit to cultivation.

## INDUS RIGHT BANK DIVISION.

The canal was opened on the 1st June 1909, and worked satisfactorily. A revised estimate for improving the distribution, and giving greater facilities for communication was sanctioned during the year. The masonry outlets, that were under construction in the previous year, were completed during the year under report. Mahiwañ.

As the heavy Ghotki floods of the inundation of 1908 crossed the Nára Supply Channel at several places, between miles 7 and 12, the banks were raised 2 feet above the high flood level of 1908 and strengthened. The work was commenced during 1908-1909 and completed during the year at a total cost of Rs. 21,302. Nára Supply Channel.

The canal was opened on the 1st June 1909, and for the year under report experienced a really good season, and had a sufficient supply until the river fell, suddenly, in September. The tail of the main canal received a much better supply than in former years, owing to its clearance in the cold weather. All branches, and the Uch Rajwah especially, worked exceedingly well. A modified form of the Chenab pattern sluice was used on the Toj Rajwah and the Fall Rajwah and their branches, for the first time, and proved a success. The canal system, on the whole, received a fair rabi supply; but, the sudden fall of the river in the middle of September was responsible for less than the usual rabi area on the branch canals above the 19th and 27th miles. Desert Canal.

This canal was fed direct from the river and received an excellent supply throughout the season; in the Nasir branch only the supply was somewhat deficient. This cannot be remedied until some distributaries are constructed at mile 24. The two distributaries, the Kharirawah ex mile 8/2 and the Hazarawah ex mile 13/1, were opened for the first time. The former is most useful and relieves the Nasir branch and the Main canal of lands which formerly received a poor supply; and, at the same time, brings new land under cultivation. The Hazarawah will be a useful branch. It suffers from passing through bad soil, and, for the greater part of the Abkalani, was running below Full Supply Level owing to constant breaches. Some 10 or 12 sluices of the Chenab pattern were constructed in the Lalloi Dhoro of the Tangwani Branch to replace the large sluices which drew off an excessive supply. These sluices have worked admirably; and, the supply at the tail of the Unhárwah has been considerably improved. Unhárwah.

The Tori Stop Gates at mile 4/4 of the main canal were strengthened owing to the river threatening to erode the 2nd Mile of the Unhárwah and carry away the regulator. The Tori Stop Gates may, at any time, be called upon to hold up the flood. The pavement has, therefore, been strengthened, and the pitching on the downstream side increased.

The canal was opened on the 1st June, and had a splendid supply. On a few occasions the supply was not quite equal to the demand owing to rubbish accumulating in the Head Regulator; such a difficulty is not likely to occur again as the New Head Regulator at mile 6, with horizontal needles, has been completed. The chief point of interest was the working of the new form of Karia heads or sluices constructed from mile 38 to the tail. These sluices were remodelled on the lines approved by Government, with submerged orifices, the size of the vent being fixed in proportion to the area of holding. The result obtained was gratifying, brought about a fair distribution of water and benefited the tail portion of the canal. The Choi Branch suffered heavily from the breach in the Sukkur Begári Bund which took place on September 1st. A revised estimate for this branch is under preparation. Three distributaries have been excavated and 9 more remain to be carried out. Begári Canal.

This canal was opened on the 4th June 1909. The supply at the tail was regulated by rotation as usual. The canal ceased to flow on the 1st October 1909 owing to heavy silt deposit in its new feeder, due to the erosion of the river above the mouth. Sind Canal.

## Sukkur Canal.

The Rahuja head of the Sukkur Canal was opened on the 5th June 1909. It worked very well during the season, maintaining a good water level throughout. It was found unnecessary to open the old head, as the Rahuja Head provided a sufficient supply for all requirements.

## Ghár Canal.

This canal was opened on the 4th June 1909. The supply during the season was fair; there was a deficiency in the supply of certain branches and in the tail of the Ghár which was relieved by frequent rotations in the Nasirabad Táluka of the Kambar Sub-division. The Fordwah, which was opened on the 27th May, worked well. At the end of the season some of the "Dhands" feeding it silted owing to the rapid erosion of the river just above the "Dhands." To improve the supply of the Ghár, three works (1) a new feeder to the Dhand leading to the Fordwah, etc., called the Fordwah Feeder, (2) widening Dhoro *ex* the river to feed the Ghár Dhand, and (3) clearance of Dhoro No. 1 *ex* Ghár Dhand, leading to Fordwah, were carried out at an aggregate cost of Rs. 45,004.

## Western Nára.

The work of widening the new Akil Mouth to the Western Nára was practically completed. The bund at the mouth of the canal was removed on the 16th May 1909, and the canal worked, on the whole, fairly well aided by its two feeders (the Pritchard Canal, and the New Feeder). The total expenditure to the end of the year was Rs. 1,65,887. The work of clearing the tail of the Akil Dhand was commenced and the expenditure during the year was Rs. 15,000. The other canals in the Western Nára District, *i. e.*, Pritchard, the New Feeder and the Marvi, worked very well.

## Sattah.

This canal has its off-take from a "Kohri," which in turn is fed by a cut from the left bank of the river in the Shahbandar Sub-division of the Karáchi Canals District. The cut silted heavily in the inundation of 1908, but was cleared in the working season of 1909 at a cost of Rs. 15,014. The canal worked well, and the area cultivated was above the average, and the crop outturn exceptionally good.

## Works for which only Revenue Accounts are kept.

In the Shikárpur Canals District, the works of raising and strengthening the banks of Rajib, Chiti, and Garang Canals, commenced last year, were completed during the year under report and a Protective Bund along the southern boundary of the Garhi Halim Forest was constructed. In the Karáchi Canals, the canals worked well; a few breaches in the banks of Pinyari and Baghar were successfully closed. Special repairs to the Baghar embankments, which were commenced in the last year, were completed this year at a total cost of Rs. 16,582. New Regulators over the Mahomedwah in mile 44 of the Mulchand Shahbunder Bund, and Mirwah Nawab in mile 42/1, and the Khatian behind Panah Baghar Bund at mile 1/4, and a combined regulator over the Hajiwah and the Jamwah, were constructed during the year.

## Kashmor Bund.

The erosion of the Indus north of Sukkur was excessive during the year. On the right bank, from the northern portion of the flood embankment, termed the Kashmor Bund, erosion set in heavily at the Unbárwah mouth, and continued from mile 10 to 7 of the 1896 loop. The important works along this length during the year under report were (a) on the New Ghonspur loop, an outlay of Rs. 37,627, (b) reconstructing old Tori Bund from Tori Bungalow (Ghonspur loop) to 1896 Loop Tori Cross at an expenditure of Rs. 20,989, (c) constructing Haibat loop from Ghoraghat to Tori Stop Gates Regulator at a cost of Rs. 1,01,153, and (d) a loop from the Tori Bungalow to the junction at an outlay of Rs. 18,348. Extension of the Khunderwah to feed the Ghonspur Branch was completed, the cost being Rs. 6,146.

In the Shikárpur Canals District, on the southern part of the right embankment above Sukkur, a continuation of the Kashmor Bund, called the Sukkur Begári Bund, the important works undertaken were (a) raising the Sukkur Begári Bund, mile 19/1 to 19/64 (b) constructing seven loops to Sukkur Begári Bund, *i. e.*, (Emergency loop, 80/3 mile loop, 29/; mile loop, North loop, Tie loop, South loop, and West loop); (c) raising and strengthening the existing Abad loop of 1900. This was necessary as the Sukkur Begári Bund in front of the existing Abad loop of 1900 was threatened by river erosion at mile 23/0. Nearly 2/3 of this work was completed during the year under report; (d) Railway Diversion Bund, Rohri. Owing to rapid and extensive erosion of the river near the main line of the North-Western Railway, North of Rohri between that town and Mando Diaro, a diversion two miles long behind the threatened portion was constructed, the Irrigation Department making the river face of rammed earth and watertight. The cost of the work carried out by Irrigation Department was Rs. 32,457. Special reports have been made on the work done at these places of very severe erosion, (e) on the Sukkur Begári Bund and (d) near Rohri, and the officers concerned thanked for their successful efforts. In the Karáchi Canals District, the important works completed during the year under report were (i) raising and strengthening Marho loop at a cost of Rs. 17,990, (ii) new Muparki loop, Rs. 70,824, and (iii) new Kokawari loop Rs. 82,627.

## Surveys.

Preliminary survey of the Baghar Canal and its branches, survey for the proposed Khebat Canal and Begári Remodelling, and the preparation of the detailed plans and estimates of the Right Bank Canal Project were completed during the year under report. An outlay was incurred during the year in connection with the survey for the diversion of Ghotki and other floods from the Eastern Nára, of Rs. 11,225, and has been accounted for in the Eastern Nára District.

Tree planting in gardens and nurseries was carried on, and the trees are generally in a flourishing condition.

The Begari Canals District was visited by an earthquake on October 21st at about 5 o'clock in the morning. Some buildings were damaged, and repairs to them will cost Rs. 35,000. The banks of the Uch Rajwah were in an extraordinary state; part of the bank subsided leaving fissures from 3 inches to 2 feet in width. To repair the banks about Rs. 13,000 will be required.

#### INDUS LEFT BANK DIVISION.

The canals in the Left Bank fall into two groups: (a) the Eastern Nára System and (b) the canals taking off direct from the Indus.

Under (a) come the Nára River, the Jámráo, Mithráo, Heran, Khipro, Thar and Hiral Canals, of which the Khipro and Heran are inundation canals, the rest being perennial. But the Thar, though classed as perennial, is closed on 1st December each year to save the country round about from being water-logged.

Under (b) fall the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals, all being really inundation canals, though the Fuleli receives a certain amount of rabi supply.

#### *Eastern Nára System.*

The discharge in the Nára Supply Channel was very deficient up to end of July owing to the low state of the River Indus and also to the deposit of silt in the channel. When the river subsequently rose, the silt deposit was partially scoured out and the channel gave a fair discharge. The heavy floods of 1908 had breached both the banks of the supply channel in miles 7 to 12. The work of reconstructing these banks to two feet above the flood level of 1908 and strengthening them, commenced in 1908-1909, was completed during this year and cost Rs. 21,302.

There are 275,500 acres of culturable land which can be irrigated direct from the River Nára. The average area of cultivation is 58,000 acres, but in flood years it is much higher, reaching nearly 150,000 acres in 1906-1907.

There was no flood of importance this year. The cost of maintenance was Rs. 26,887 compared with Rs. 57,746, the average of the previous 10 years.

#### *Jámráo Canal.*

The area cultivated during the year under both kharif and rabi was about 167,400 acres compared with 224,900 acres, the average of the past 10 years. A decrease of more than 30,000 acres in the kharif season was due to shortage of water in the early part of the season and was accentuated by the scarcity of labour, while the decrease of 20,000 acres in the rabi season is reported to be due to the cultivators expecting the closure of the canal in the rabi season in order to carry out part of the remodelling scheme, and for the same reason no Egyptian cotton was grown. The crops grown, especially cotton, were exceptionally good, the yield and prices being above the average.

The rainfall, though much less than in 1908, was well above the average.

No new colonists were imported from the Punjab, but 3,718 acres were given to relatives of existing colonists, while 7,431 acres were given out as shown below:—

	Acres.
In extension of holdings ... ..	3,043
To Zamindárs specially recommended ... ..	2,945
In exchange for land acquired for Railway ... ..	35
Juniof Talpurs ... ..	223
Sold by auction ... ..	52
Military pensioners ... ..	1,101
Local Zamindárs ... ..	32
Total ... ..	7,431

The capital expenditure was Rs. 58,403 after deducting recoveries from colonists amounting to Rs. 26,995; thus the total amount spent on works was Rs. 85,398. This was mainly incurred on earthwork and collection of materials for the 17th, 46th, 56th and 65th mile projects and in excavating a drainage channel in the Dhoro Puran. The earthwork of Dalor, Pafoi, and Berani minors commenced last year was completed. The remodelling of Doso Dahraro, Lakhaki and Mirpur Minors was commenced and completed during the year. The groynes in the first seven miles of the Jámráo Canal continue to act successfully. In September 1909, a deep scour hole below the 46th mile regulator was protected by depositing 5,000 c.ft. of stone, in a layer about 2' thick as uniformly as possible over the bed for a length of 50 feet. The maintenance of the whole system for the year cost Rs. 1,37,236.

*Mithrao Canal.*

The length from mile 70 $\frac{1}{4}$  to mile 80 has been cleared to its original depth at a cost of Rs. 7,575. Single groynes have been gradually constructed and maintained wherever the canal was scouring. The result in maintaining a good canal section and avoiding heavy expenditure on silt clearance has been far more beneficial than was anticipated. The canal commands 400,100 acres of culturable land, of which 146,000 acres are irrigated annually. The kharif supply was deficient and rotation was resorted to, but this once again proved to be a mistake, and it has now been decided that, whatever the supply, there shall not be any rotation during the kharif season, as it increases the silting. The rabi irrigation on the other hand was excellent and 20,000 acres of 18 anna crops were obtained against 8,000 of the previous year.

The canal was maintained at a cost of Rs. 44,079.

*Hiral Canal.*

The canal was opened on 18th May, but all the minors were not opened till 7th June. The supply of water throughout was sufficient. The canal commands 38,300 acres and the area irrigated was about 15,000 acres, which is the figure entered in the financial forecast of the project. But a better result could be obtained if the channels could be kept clear of weeds and pan grass.

An area of 1,389 acres was given out during the year as under :—

	Acres.
In extension of holdings ... ..	909
Sindhi Zamindárs specially recommended ... ..	384
Thari colonists ... ..	96
Total ...	1,389

The canal was maintained at a cost of Rs. 8,990.

*Thar Canal.*

This canal commands 144,800 acres of culturable land, and yields on the average 58,000 acres of irrigation. Until nearly the end of July 1909 the water-supply was deficient and rotation was adopted; after that it was ample.

The cost of maintenance was Rs. 11,075.

The remaining canals in the Nára System call for no particular remarks. They suffered from the poor supply in the months of June and July, the Khipro the most, but the subsequent supply and rainfall were good.

## CANALS TAKING OFF DIRECTLY FROM THE INDUS.

*Dád Canal.*

The canal worked satisfactorily during the year with a steady river throughout the Abkalani at the head of the Dhand feeding the Dád. The cultivation was about 122,000 acres and the people are now readily taking up land on this canal.

The total amount spent on works (Capital Account) was Rs. 10,850, or Rs. 3,671 after deducting recoveries from colonists. Most of this expenditure was incurred on constructing karia Head Regulators. The total expenditure on behalf of Zamindárs to end of 1909-1910 on karias and kasis (water-courses) amounts to Rs. 1,23,798, of which Rs. 97,405 have been recovered. The recoveries during the year amounted to Rs. 7,179.

An area of 1,758 acres was allotted during the year as under :—

	Acres.
To Sindhi Zamindárs especially recommended ... ..	1,273
In extension of holdings ... ..	470
In satisfaction of barani claims ... ..	15
Total ...	1,758

The canal and its branches were maintained at a cost of Rs. 63,549.

*Nasrat Canal.*

This canal commenced to flow on the 2nd June, a month later than usual, owing to the delayed rise in the river and to erosion at the head of the Lundi Dhand which feeds this canal. This had a disheartening effect on the people in the Nasrat (Desert) Taluka where necessity for water is greatly felt for drinking purposes, specially for cattle, but the supply when it came was satisfactory. The reduction of the openings of all outlets, through which it was possible to take more than a fair share of the water, has worked very beneficially on this system. The cultivation was about 103,600 acres.

The total expenditure on works (Capital Account) was Rs. 24,349 or Rs. 9,758 after deducting recoveries from colonists. The Nasrat, which is 79 miles long was further extended by 3 miles for the irrigation of 2 new Dehs, Shah Hassan and Kubo Mir Shahdad, in the Shahdāpur Tāluka of the Hyderabad District. This involved strengthening the banks in miles 63 and 64 of the canal.

The expenditure to the end of 1909-1910 on construction of water-courses on behalf of Zamindārs amounts to Rs. 2,76,195, of which Rs. 2,30,193 have been recovered, Rs. 29,665 being this year's contribution.

Land was given as under :-

	Acres.
To Sindhi Zamindārs specially recommended	... .. 3,267
Military pensioners	... .. 270
In extension of holdings	... .. 1,723
Total	... .. 5,260

The canal was maintained at a cost of Rs. 51,471.

*Fuleli Canal.*

On this important canal the cultivation is probably a little in excess of the 10 years' average of 376,448. The inundation of 1909 was a good one and the area of rabi crops is expected to be larger than usual. A few small works amounting to Rs. 5,091 were carried out and the canal and its branches were maintained at a cost of Rs. 1,58,325.

*Hasanalī Canal.*

This small canal had an excellent supply. The new head regulator at the Katiar Loop bund commenced last year was completed this year at a total cost of Rs. 26,632. Proposals are being considered for improved control over the water in lower reaches of the canal and the low duties obtained will, it is hoped, be raised appreciably. The canal and its branches were maintained at a cost of Rs. 16,979.

*Central Hyderabad Canals.*

The rise of the river commenced on 4th June, and the supply was steady and sufficient. This aided by good rains gave a very good season and the various canals in this District for which Capital and Revenue Accounts are kept did well.

The expenditure on maintenance was Rs. 37,248.

*Works for which only Revenue Accounts are kept.*

The Mehrabwah and Bhurwah large are the only canals in the Northern Hyderabad Canals District with an indifferent supply due to the recent movements of the river. For the former, a new mouth was sanctioned and is under construction, and for the Bhurwah, it is proposed to give a cut from the Naulakhi Canal. All the other canals in the Northern and Central Hyderabad Canals and Fuleli Districts worked well.

*Surveys.*

Detailed surveys were continued in connection with the plans and estimates for the Eastern Nāra Project.

Surveys were made also for the Ghotki Canal Project and the diversion of what are termed the "Ghotki Floods" from the Eastern Nāra Supply Channel. The latter project is the first step towards the improvement of the Supply Channel, and is an urgent need.

*Protective embankments.*

In the Northern Hyderabad Canals District, there was some erosion at the 3rd mile of the Naulakhi Bhorti Bund, but it soon ceased. The construction was commenced of a new bund between the Nasrat and the Naulakhi to keep the flood water away from the Mohbat and Lundi Dhands. These Dhands feed the Naulakhi and Nasrat Canals. The estimated cost is Rs. 8,304 and Rs. 7,000 were spent on it during the year. There was a breach in the small loop bund along the Renwah in the Central Hyderabad Canals District 35 feet wide with water 3-7' deep. No damage was done as it occurred near the end of the Abkalani.

In the Fuleli Canals District, the extension of the new Jamshora Bund of 1899 and the loop behind the Gidu Bunder bund, mile 0/7 to 1/2, were completed, the year's expenditure on them being Rs. 9,198 and Rs. 5,501 respectively. The Sang Budhka loop referred to in last year's report was continued in Section II and Rs. 69,994 were spent on it. The other Sections I and III being less urgent will be carried out when funds are available. The flood water stood against all the river bunds in this district, but they were successfully protected from damage. The set of the river was very severe against the Gidu Bunder Bund. The

wind here was very strong and the wavewash undermined the stone pitching and threatened the front bund, and here and also on the Hajipur Bund and Katiar loop, additional protection by stone pitching and brushwood was necessary.

#### *Plantations.*

The existing plantations on canals and bunds were maintained in good order. Tree planting is being actively carried on on the Jámrao Canal.

#### *The Irrigation of Cotton Crops.*

No Egyptian cotton was grown in the Left Bank Division in 1909. The observations made on indigenous cotton show that, with inundation canals, the waterings are limited to the time the water flows, up to the end of September or middle of October, but with perennial canals it is customary to continue watering far longer, and on the Jámrao more than 90 per cent. of the area is watered in November, and about 25 per cent. in the first half of December after which there is very little cotton irrigation to record.

The ground should, it appears, be wetted and aerated by ploughing say in March, then wetted, ploughed and seeded in June. The subsequent irrigation consists of about 9 or 10 waterings, but varies, with the nature of the soil presumably, from 6 to 12. On the Jámrao, one case of 17 waterings is recorded, but the outturn is said to be much the same and not improved by such frequent watering. There seem to be generally a few more waterings on lift than on flow land, and this would be explained by the actual quantity delivered at a time being more in the latter case.

#### INDUS RIVER COMMISSION.

##### Works.

The works carried out during the year were charged to "43—Irrigation Minor Works and Navigation—Agricultural Works—Works for which neither Capital nor Revenue Accounts are kept."

All surveys carried out under the supervision of the Superintending and Chief Engineer, Indus River Commission, are classed under the head mentioned above. During the year the usual topographical surveys were made aggregating 703 miles in length.

The following surveys of the river were carried out during the year in a total length of 450 miles :—

- (1) Survey of the river from the tail of the Kháiriri Dhand to Sukkur, 105 miles in length.
- (2) Survey of the Gudu Dhand and its feeders in 61·5 miles length.
- (3) Survey of the river below Sukkur, from Sukkur to Puranadero, 150 miles.
- (4) Surveys of the Dhands and River Channels, 90 miles in length.
- (5) Surveys at the mouths of the old Fuleli and the Fuleli Canal, of 24 miles in length.
- (6) Surveys were made for a length of 10 miles from Kotri downstream and for 8 miles at the Pinjari Dhand, and from the upper end of the Panah Baghar Bund to the bifurcation of the river, a length of 60 miles. Two miles of the heads of each of the branches were surveyed. A hydrographic survey was also made in a length of 5 miles above and 5 miles below Sukkur.

##### Khairpur Boundary Pillars.

The usual inspection of the Khairpur boundary pillars was carried out during the season. Rails Nos. 6, 7, 8, 31 and 32 on the left bank, which were in danger of erosion by the river, were moved back and the necessary corrections have been made in the plans.

##### The borings for the proposed Sukkur Barrage. River gauges.

Borings to determine the level of the rock surface in the river-bed in connection with the project for a Barrage at Sukkur were carried on till May 1909, when they were stopped.

Gauges at the Haideri and Uchito mouths of the river are read daily at high and low tides.

The other river gauges are :—

- |                                      |                                |
|--------------------------------------|--------------------------------|
| (a) Opposite the Desert Canal Mouth. | (e) At Bagotora (near Sehwan). |
| (b) Opposite the Unhárwah Mouth.     | (f) At Kotri.                  |
| (c) Opposite the Rajibwah Mouth.     | (g) At Jerruck.                |
| (d) At Bukkur.                       |                                |

The northern gauges have given very useful information in connection with the estimation of the probable maximum flood level in the river at any point and which determines the proper level for the protective embankments. The hydrographs for each of the gauge stations will be published in the Indus River Records.

##### Discharge of the Indus.

Discharge observations were made at Sukkur and Kotri all the year round and at Deragazikhan during the cold weather. Velocity observations were also made at different depths by Haskell's current meter, type B.



The maximum discharge measured at Sukkur during the year under report, was 631,796 cusecs on 28th August 1909 with a mean velocity of 10.23 and a Bukkur gauge reading of 14.4 which was the highest reading during the abkalan season.

The minimum discharge measured at Sukkur was 30,813 cusecs on 26th March 1910 with a mean velocity of 2.18 feet and a Bukkur gauge reading of 0.6 feet. The minimum reading on the Bukkur gauge was 0.50' for 9 days in January and 7 days in February when the measured discharge varied from 36,000 to 46,000 cusecs.

The discharges of the Indus at Sukkur during the abkalan months, June to September, for the years 1905-1906 to 1909-1910 are compared below:—

Month.	1905-1906.	1906-1907.	1907-1908.	1908-1909.	1909-1910.
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
June ... ..	11,845,000	7,497,000	7,051,000	7,689,000	8,254,000
July ... ..	13,227,000	12,522,000	7,193,000	13,094,000	12,323,000
August ... ..	10,507,000	16,263,000	12,060,000	15,567,000	16,606,000
September ... ..	8,243,000	12,431,000	5,149,000	15,383,000	13,106,000
Total * ... ..	43,882,000	48,713,000	31,453,000	51,737,000	50,288,000
Average discharge ... ..	359,689	899,297	257,811	424,074	412,197
Maximum do. measured ... ..	530,842	616,580	425,289	821,511	631,796
Minimum do. do. ... ..	166,651	212,613	139,013	158,135	211,460
Minimum discharge measured throughout the year ... ..	22,539	32,951	26,462	25,712	30,813

\* Note.—These figures represent the sum of the daily discharges in cusecs of the river and to arrive at the total quantity of water passing Sukkur during the four months, the total must be multiplied by 86,400, the number of seconds in a day.

Silt experiments and observations of sand waves, the work of preparing velocity curves at various depths and other observations have been continued and will be published in the records of Indus River Commission. Scientific Work (General).

The estimated cost of the works sanctioned during 1903-1910 by the Indus River Commission in each district under these heads is given below:— Extensions, Improvements and Special Repairs.

<i>Indus Right Bank Division.</i>					
District.				Extensions and Improvements.	Special Repairs.
				Rs.	Rs.
Begari Canal	...	...	...	...	3,06,205
Shikarpur Canals	...	...	...	61,921	1,45,106
Ghar Canals	...	...	...	79	...
Western Nara	...	...	...	1,254	...
Karachi Canals	...	...	...	12,807	69,268
Total				76,061	6,20,579
<i>Indus Left Bank Division.</i>					
Northern Hyderabad Canals	...	...	...	8,304	...
Central Hyderabad Canals	...	...	...	...	547
Fuleli Canals	...	...	...	...	9,026
Total				8,304	9,573
<i>Indus River Commission.</i>					
Works under the direct control of Indus River Commission	...	...	...	26,131	...
Total				26,131	...

The total expenditure under this head on the several works under the direct control of the Indus River Commission was Rs. 24,385, of which Rs. 3,208 were spent on the river gauge establishment at Sukkur, Kotri, Jerruck, Khairabad (Punjab) and the Indus Delta. Maintenance and Repairs.

The removal of trees and snags of all kinds which caused obstruction to navigation on the main channel of the river was carried out as usual. During the year under report, there were fewer snags in the navigable channels than in former years in consequence of the river having changed its course in the vicinity of some of the large forests where erosion was very active 3 years ago. The Uchito which gave trouble for so many years is now a good navigable channel for steamers as well as for country boats.

The expenditure incurred on snagging operations of which a summary is given below has been debited to the Public Works Department :—

					Rs.
Works	...	...	...	...	26,131
Repairs	...	...	...	...	23,840
Establishment	...	...	...	...	89,305
Tools and Plant	...	...	...	...	4,682

General.

The maximum reading on the Bukkur gauge during the season was 14·6 feet, which gave the maximum observed discharge of 631,796 cusecs, with a mean velocity of 10·23 feet per second, as compared with 9·68 in 1908 and 8·43 in 1906. This gradual increase in the velocity is due to bents having been cut off both above and below Sukkur, but the straightening appears to have reached its limit, and the mean velocity may be expected to decrease. The maximum gauge reading at Kotri was 20·8 feet.

The lowest reading on the Bukkur gauge during the year was *plus* 0·5 as compared with *minus* 2·4 in 1908-1909, *minus* 2·0 in 1907-1908 and *minus* 0·6 in 1906-1907.

Erosion.

Heavy erosion occurred between miles 8 and 10 of the Kashmir Bund, near the mouth of the Unhárwah, the maximum rate of erosion being 600 feet in a week. There were no breaches.

## Irrigation Revenue.

The revenue credited to this head falls under two categories—(1) the direct receipts of the Irrigation Department and (2) the irrigation share of the land revenue assessed with reference to the supply of water from canals, tanks, dams and other sources created or maintained by the Public Works Department. The works are also divided into three classes:—the first includes entirely new works and works restored or extensively improved for which capital and revenue accounts are kept; the second includes old works which are maintained by the Department and for which only revenue accounts are kept; and the third includes agricultural works for which neither capital nor revenue accounts are kept. The direct receipts on account of works for which capital and revenue accounts are kept were as follows:—

### Half Imperial and Half Provincial.

				Rs.
(1) Productive Public Works—				
(a) Sind	...	...	...	1,99,954
(b) Deccan and Gujarát	...	...	...	5,95,639
(2) Protective Public Works—				
(a) Deccan and Gujarát	...	...	...	4,72,493
(3) Minor Irrigation Works—				
(a) Sind	...	...	...	72,556
(b) Deccan and Gujarát	...	...	...	1,76,567
Total				15,17,208

The corresponding receipts for 1908-1909 were Rs. 12,87,064. The irrigation share of land revenue on account of works for which capital and revenue accounts are kept was as follows:—

### Half Imperial and Half Provincial.

				Rs.
(1) Productive Public Works—				
(a) Sind	...	...	...	25,65,715
(b) Deccan and Gujarát	...	...	...	4,089
(2) Minor Irrigation Works—				
(a) Sind	...	...	...	14,97,946
(b) Deccan and Gujarát	...	...	...	7,961
Total				40,75,711

The following table shows the financial position at the close of the year of irrigation works of all classes for which capital and revenue accounts are kept:—

	Capital outlay in the year.	Capital outlay up to the end of the year.	Working expenses during the year.	Net revenue during the year, direct and indirect.
	Rs.	Rs.	Rs.	Rs.
Productive Works	2,82,493	3,90,87,800	11,53,121	22,07,276
Protective Works	24,86,643	1,53,82,961	1,17,036	8,55,456
Minor Works and Navigation	1,60,443	1,36,51,216	5,75,810	11,79,120
Total	28,79,519	6,84,21,977	18,51,067	37,41,852

The revenue and expenditure on account of works for which only revenue accounts are kept were as follows:—

				Works in Sind.	Works in the Deccan and Gujarát.	Total.
				Rs.	Rs.	Rs.
Gross Revenue	{	Direct	...	79,059	9,176	82,235
		Indirect	...	24,50,298	5,02,653	29,52,956
Total				25,23,357	5,11,834	30,35,191
Working Expenses	...	...	7,65,701	4,28,584	11,94,285	
Net Revenue				17,57,656	83,250	18,40,906

The revenue and expenditure in respect of works for which neither capital nor revenue accounts are kept were as follows:—

				Works in Sind.	Works in the Deccan and Gujarát.	Total.
				Rs.	Rs.	Rs.
Gross Revenue	{	Direct	...	12,514	6,949	19,463
		Indirect	...	9,56,970	.....	9,56,970
Total				9,69,484	6,949	9,76,433
Working Expenses	...	...	18,83,215	83,567	19,21,782	
Net Revenue				-3,68,731	-76,618	-9,45,349

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ADMINISTRATIVE ACCOUNTS,  
PUBLIC WORKS DEPARTMENT  
(IRRIGATION),  
BOMBAY PRESIDENCY,  
FOR THE YEAR  
1909-1910.

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## TABLE OF CONTENTS.

Name of Work.	No. 1 General Abstract of Financial Results.	No. 2 Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account.	No. 5 Account of Indirect Charges.	No. 6 Statement comparing Charges to date with sanctioned estimate.
	Pages.	Pages.	Pages.	Page.	Page.	Page.
<b>35.—Protective Irrigation Works.</b>						
1 Nira Canal, including Shetphal Tank ...	4 & 5	..	8 & 9	9	10	10
2 Mhasvad Tank ...	4 & 5	...	11 & 12	12	12	...
3 Gokák Canal—First Section ...	4 & 5	...	...	...	...	...
4 Chankápur Tank ...	4 & 5	13	14	15	15	15
5 Máládevi do. ...	4 & 5	16	...	17	17	17
6 Godáveri Canal ...	4 & 5	18	...	19	19	19
7 Pravara River Canal Project ...	4 & 5	20	21	22	22	22
8 Budhihal Tank ...	4 & 5	23	...	24	24	24
<b>49.—Irrigation Works.</b>						
9 Desert Canal ...	4 & 5	...	25	26	26	...
10 Unharwah ...	4 & 5	27	28	29	29	29
11 Begári Canal ...	4 & 5	30	31	32	32	32
12 Mahiwah do. ...	4 & 5	...	33	34	34	...
13 Eastern Nára Works ...	4 & 5	35	36	37	37	37
14 Jámrao Canal ...	4 & 5	38 & 39	40	41	41	41
15 Dád do. ...	4 & 5	42	43	44	44	44
16 Nasrat do. ...	4 & 5	45	46	47	47	47
17 Navlákhí do. ...	4 & 5	...	...	48	...	48
18 Háthmati and Khári Cut Canals... ..	4 & 5	49 & 50	51	52	52	52
19 Lower Pánjhra River Works ...	4 & 5	...	53	54	54	...
20 Kádva River Works ...	4 & 5	55	56 & 57	57	58	58
21 Pravara River Works—Lákh Canal ...	4 & 5	...	59 & 60	60	60	...
22 Mútha Canals, including Mátoba Tank ...	4 & 5	61 & 62	63 & 64	64	65	65
23 Ekruk Tank ...	4 & 5	...	66	67	67	...
24 Krishna Canal ...	4 & 5	...	68	69	69	...
<b>43.—Minor Works and Navigation.</b>						
25 Sukkur Canal ...	6 & 7	...	70 & 71	...	71	...
26 Ghár do. ...	6 & 7	...	72 & 73	...	73	...
27 Suttah do. ...	6 & 7	74	74 & 75	...	76	76
28 Alibhar Kacheri Canal ...	6 & 7	...	77	...	77	...
29 Mára Great do. ...	6 & 7	...	78	...	78	...
30 Sarfrázwah ...	6 & 7	...	79	...	79	...
31 Fuleli Canal ...	6 & 7	...	80 & 81	...	81	...
32 Hasanaliwah ...	6 & 7	82	83	...	84	84
33 Wangroli Tank ...	6 & 7	...	85	...	85	...
34 Tránza—Nagrama Tank ...	6 & 7	86	87	...	88	88
35 Sávi Tank ...	6 & 7	89	90	...	91	91
36 Sahist do. ...	6 & 7	92	...	...	93	93
37 Hartála do. ...	6 & 7	...	94 & 95	...	95	...
38 Mhasva do. ...	6 & 7	...	96	...	96	...
39 Jámnda Canals ...	6 & 7	...	97	...	97	...
40 Parsul Tank ...	6 & 7	...	98	...	98	...
41 Pravara River Works—Ojhar Canal ...	6 & 7	...	99	...	99	...
42 Bhátodi Tank ...	6 & 7	...	100	...	100	...
43 Kásurdi do. ...	6 & 7	...	101	...	101	...
44 Shirsuphal do. ...	6 & 7	...	102	...	102	...
45 Bhádalvádi do. ...	6 & 7	...	103	...	103	...
46 Victoria do. ...	6 & 7	104	...	...	105	105
47 Koregaon do. ...	6 & 7	...	105	...	106	...
48 Ashtí do. ...	6 & 7	...	107	...	107	...
49 Pathri do. ...	6 & 7	108	109	...	110	110
50 Revári Canal ...	6 & 7	...	111	...	111	...
51 Upper Mán River Works ...	6 & 7	...	112	...	112	...
52 Yerla River Irrigation Works ...	6 & 7	...	113	...	113	...
53 Chikhli Canal ...	6 & 7	...	114	...	114	...
54 Maini Tank ...	6 & 7	...	115	...	115	...
55 Muchkundi do. ...	6 & 7	...	116	...	116	...
56 Gadikeri do. ...	6 & 7	...	117 & 118	...	118	...
57 Gokák Canal—First Section and Storage Works	6 & 7	...	119	120	120	120
58 Dámbar Tank ...	6 & 7	...	121	...	121	...
59 Medleri do. ...	6 & 7	...	122	...	122	...
60 Madag do. ...	6 & 7	...	123	...	123	...
61 Asundi do. ...	6 & 7	...	124	...	124	...
62 Dharma Canal ...	6 & 7	125	...	...	126	126
63 Mávinkop Tank ...	6 & 7	...	127	...	127	...
64 Gokák Canal—Second Section ...	6 & 7	...	...	...	...	...
65 Works for which only Revenue Accounts are kept—Sind ...	6 & 7	...	128	...	...	...

## IRRIGATION BRANCH.

PUBLIC WORKS  
ADMINISTRATIVE ACCOUNTS

No. I.—General Abstract of Financial Results showing the estimated Cost of Construction of Major and the Simple Interest on the

MAJOR

Name of Work.	ESTIMATED COST OF CONSTRUCTION.			CAPITAL OUTLAY.						Receipts Water- meter, &c.
	Direct Charges.	Indirect Charges.	Total.	During 1908-1910.			To end of 1908-1910.			
				Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	
1	2	3	4	5	6	7	8	9	10	11
<b>35.—PROTECTIVE IRRIGATION WORKS.</b>										
<b>DECCAN AND GUJARAT.</b>										
<i>Works in Operation.</i>										
Chankapur Tank ...										
Nira Canal including Shet- phal Tank ...	15,16,235	52,064	15,68,299	1,49,564	16,746	1,66,310	15,16,235	52,064	15,68,299	1,978
Pravara River Canal Project.	60,70,189	8,63,761	69,33,950	...	56	56	60,70,189	8,63,761	69,33,950	4,01,118
Mhaswad Tank ...	71,54,984	4,55,892	76,10,876	2,90,801	4,836	2,95,137	8,82,592	7,411	8,90,003	927
Gokak Canal, First Section ...	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	69,769
	4,00,939	11,727	4,12,666	...	...	...	4,00,939	11,727	4,12,666	...
<b>Total, Works in Operation...</b>	<b>1,71,47,844</b>	<b>9,78,897</b>	<b>1,81,21,741</b>	<b>4,29,865</b>	<b>21,638</b>	<b>4,51,503</b>	<b>1,08,75,502</b>	<b>5,25,416</b>	<b>1,09,00,918</b>	<b>4,72,492</b>
<i>Works under Construction.</i>										
Godavari Canal ...	83,34,597	7,26,447	90,61,044	19,41,623	48,894	19,85,517	40,12,174	99,957	41,11,531	...
Maldévi Tank ...	3,04,671	9,903	3,14,574	-613	-4	-617	3,03,267	9,888	3,13,155	...
Budhihal do. ...	13,98,529	56,082	14,54,611	233	7	240	4,89,148	18,209	5,07,357	...
<b>Total, Works under Construc- tion ...</b>	<b>1,05,37,797</b>	<b>7,92,432</b>	<b>1,13,30,229</b>	<b>19,41,243</b>	<b>48,897</b>	<b>19,85,140</b>	<b>48,04,589</b>	<b>1,27,454</b>	<b>49,32,049</b>	<b>...</b>
<b>Total, Protective Irrigation Works ...</b>	<b>2,76,85,641</b>	<b>17,66,329</b>	<b>2,94,51,970</b>	<b>28,71,108</b>	<b>65,535</b>	<b>24,36,643</b>	<b>1,51,80,091</b>	<b>6,52,870</b>	<b>1,58,32,961</b>	<b>4,72,492</b>
<b>49.—IRRIGATION WORKS.</b>										
<b>SIND.</b>										
<i>Works in Operation.</i>										
Desert Canal ...	26,22,235	79,021	27,01,256	...	...	...	26,22,235	79,021	27,01,256	1,01,774
Unharwah ...	6,90,284	18,848	7,09,132	9,642	252	9,894	6,90,284	18,848	7,09,132	353
Begari Canal ...	21,54,480	91,120	22,45,600	84,008	2,190	86,198	21,53,311	61,102	21,99,438	49,131
Mahwah ...	9,86,887	1,29,503	10,86,340	...	...	...	13,21,850	57,802	13,79,152	4,558
Eastern Nara Works ...	65,54,287	2,29,740	67,84,027	26,792	1,867	28,659	65,48,368	2,28,671	67,77,039	23,572
Jamrao Canal ...	80,86,728	2,83,048	83,19,776	79,326	2,750	82,076	80,18,199	2,51,144	82,44,283	20,288
Dad do. ...	25,97,463	99,407	26,96,870	6,151	847	6,998	22,64,416	86,179	23,50,595	4,689
Narsat do. ...	19,69,900	76,321	20,66,221	-6,418	442	-5,976	18,04,382	55,446	18,59,928	1,084
<b>Total, Works in Operation...</b>	<b>2,56,32,214</b>	<b>9,57,098</b>	<b>2,65,89,312</b>	<b>1,99,501</b>	<b>7,848</b>	<b>2,07,349</b>	<b>2,54,03,005</b>	<b>8,17,813</b>	<b>2,62,20,818</b>	<b>1,99,954</b>
<i>Works under Construction.</i>										
Naulakhi Canal ...	12,17,985	44,619	12,62,604	...	...	...	5,112	38	5,146	...
<b>Total, Sind ...</b>	<b>2,68,50,149</b>	<b>10,01,717</b>	<b>2,78,51,866</b>	<b>1,99,501</b>	<b>7,848</b>	<b>2,07,349</b>	<b>2,54,08,117</b>	<b>8,17,946</b>	<b>2,62,25,968</b>	<b>1,99,954</b>
<b>DECCAN AND GUJARAT.</b>										
<i>Works in Operation.</i>										
Hathmati Canal and Khari Cut Canal ...	7,90,588	64,088	8,54,676	14,390	590	14,980	10,91,958	68,500	11,60,458	81,135
Lower Pánjra River Works.	4,45,382	23,289	4,68,671	...	...	...	4,45,382	23,239	4,68,621	8,131
Kádva River Works...	9,70,978	43,108	10,14,086	3,011	1,684	4,695	9,71,677	38,736	10,10,413	19,955
Pravara River Works— Lakh Canal ...	8,52,446	19,445	8,71,891	...	...	...	8,52,446	19,445	8,71,891	1,328
Mutha Canals and Matoba Tank ...	78,73,160	2,02,060	80,75,220	54,620	789	55,409	73,32,445	2,60,698	75,93,143	8,54,618
Ekardk Tank ...	12,28,117	1,12,269	13,40,386	...	...	...	12,25,117	1,12,269	13,40,386	74,523
Krishna Canal ...	8,20,237	46,390	8,66,627	...	...	...	8,20,237	46,390	8,66,627	55,946
<b>Total, Deccan and Gujarat...</b>	<b>1,19,80,908</b>	<b>5,70,547</b>	<b>1,25,51,455</b>	<b>72,021</b>	<b>3,068</b>	<b>75,084</b>	<b>1,22,42,260</b>	<b>5,69,577</b>	<b>1,28,11,897</b>	<b>5,95,639</b>
<b>Total, 49.—Irrigation Works</b>	<b>3,88,31,057</b>	<b>15,72,264</b>	<b>4,04,03,321</b>	<b>2,71,522</b>	<b>10,911</b>	<b>2,82,433</b>	<b>3,76,50,377</b>	<b>13,87,423</b>	<b>3,90,37,800</b>	<b>7,95,593</b>
<b>GRAND TOTAL ...</b>	<b>3,65,16,698</b>	<b>38,38,593</b>	<b>3,98,55,291</b>	<b>28,42,630</b>	<b>76,446</b>	<b>27,19,076</b>	<b>5,28,30,468</b>	<b>20,40,293</b>	<b>5,48,70,761</b>	<b>12,68,085</b>

NOTE.—Direct charges under working expenses include share of collection charges in the Civil Department calculated

Bombay, 29th October 1910.

## BOMBAY PRESIDENCY.

## DEPARTMENT.

FOR THE YEAR 1909-1910.

*Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, Direct Capital Outlay on those Works.*

## WORKS.

DURING 1909-1910.		WORKING EXPENSES DURING 1909-1910.			NET RESULT, EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple Interest during 1909-1910.	NET RESULT, INCLUDING INTEREST.			
Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.			Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.	
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.		
...	1,378	4,746	263	5,009	...	3,681	...	0.23	48,404	...	52,085	...	3.32
...	4,01,118	89,821	4,606	94,427	3,06,691	...	4.77	...	2,08,837	1,02,854	...	1.60	...
...	227	661	27	688	...	461	...	0.12	8,141	...	8,602	...	2.21
...	69,769	15,960	952	16,912	52,857	...	2.52	...	67,346	...	14,489	...	0.69
...	...	...	...	...	...	...	...	...	18,464	...	18,464	...	3.26
...	4,72,492	1,11,188	5,848	1,17,036	3,55,456	...	3.26	...	3,41,192	14,264	...	10.13	...
...	...	...	...	...	...	...	...	...	1,02,129	...	1,02,129	...	2.48
...	...	...	...	...	...	...	...	...	10,194	...	10,194	...	3.26
...	...	...	...	...	...	...	...	...	16,423	...	16,422	...	3.24
...	...	...	...	...	...	...	...	...	1,28,745	...	1,28,745	...	2.61
...	4,72,492	1,11,188	5,848	1,17,036	3,55,456	...	2.25	...	4,69,937	...	1,14,481	...	3.72
2,44,171	8,45,945	1,27,690	1,285	1,28,975	2,16,970	...	3.03	...	88,054	1,28,916	...	4.77	...
1,96,091	1,97,049	39,207	236	39,443	1,57,606	...	22.23	...	23,018	1,84,538	...	18.98	...
5,10,924	5,54,055	1,10,218	1,150	1,11,368	4,42,687	...	20.13	...	70,896	3,72,292	...	16.98	...
96,524	1,01,082	33,808	-797	33,006	68,076	...	4.94	...	44,388	23,688	...	1.72	...
5,63,304	5,86,876	1,99,158	5,788	2,04,946	3,81,930	...	5.64	...	2,19,444	1,62,486	...	2.40	...
5,74,156	5,94,394	2,87,298	17,970	3,05,268	2,89,126	...	3.51	...	2,67,749	21,377	...	0.26	...
1,86,798	1,91,437	68,716	1,426	60,142	1,81,295	...	5.59	...	75,938	56,359	...	2.86	...
1,93,747	1,94,831	64,700	1,579	66,279	1,28,552	...	6.91	...	60,690	67,858	...	3.65	...
25,65,715	27,65,669	9,20,790	28,637	9,49,427	18,16,242	...	6.93	...	8,49,683	9,66,569	...	3.69	...
...	...	...	...	...	...	...	...	...	172	...	172	...	3.34
25,65,715	27,65,669	9,20,790	28,637	9,49,427	18,16,242	...	6.93	...	8,49,855	9,66,987	...	3.68	...
...	81,185	94,694	1,949	96,643	45,932	...	3.89	...	96,423	8,666	...	0.75	...
3,248	11,379	7,885	274	8,159	3,220	...	0.09	...	14,956	...	11,736	...	2.60
594	20,549	10,408	594	11,002	9,547	...	0.94	...	32,576	...	28,081	...	2.28
...	1,588	6,441	318	5,754	...	4,221	...	1.14	11,635	...	16,056	...	4.32
42	3,54,660	1,14,651	6,878	1,21,529	2,33,131	...	3.07	...	2,45,308	...	12,175	...	0.16
...	74,526	13,944	640	14,584	59,942	...	4.47	...	41,240	18,702	...	1.40	...
...	55,946	11,218	405	11,623	44,323	...	5.11	...	27,544	16,779	...	1.94	...
4,039	6,99,728	1,98,241	10,453	2,08,694	3,91,034	...	3.05	...	4,09,885	...	18,851	...	0.15
25,69,804	33,65,897	11,19,031	89,090	11,58,121	22,07,276	...	5.65	...	12,59,740	9,47,538	...	2.43	...
25,69,804	33,67,889	12,30,219	44,938	12,75,157	22,02,732	...	4.67	...	17,29,677	8,33,065	...	1.52	...

At certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

V. C. FRENCH,

Deputy Accountant General, Public Works, Bombay.

**IRRIGATION BRANCH.**

**BOMBAY PRESIDENCY.**

**PUBLIC WORKS DEPARTMENT.**

**ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.**

No. 1.—General Abstract of Financial Results showing the estimated Cost of Construction of Minor Works and Navigation, the Capital Outlay thereon, the Revenue derived therefrom, and the Working Expenses on those Works.

Name of Project.	ESTIMATED COST OF CONSTRUCTION.			CAPITAL OUTLAY.						RECEIPTS DURING 1909-1910.			WORKING EXPENSES.			NET RESULT, EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).			
	Direct Charges.	Indirect Charges.	Total.	During 1909-1910.			To end of 1909-1910.			Water-rates, &c.	Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess Revenue (surplus).	Excess Expenditure (deficit).	Rate per cent.	
				Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.									If excess revenue.	Of excess Expenditure.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
43.—MINOR WORKS AND NAVIGATION.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<i>Works for which Capital and Revenue Accounts are kept.</i>																			
<i>SIND.</i>																			
<i>Works in Operation.</i>																			
Sukkur Canal ... ..	13,64,754	61,496	14,26,250	...	...	...	13,64,754	61,496	14,26,250	4,078	1,76,971	1,81,049	68,499	1,601	70,100	1,10,949	...	7-78	...
Ghar do. ... ..	5,41,695	30,690	5,72,385	...	...	...	5,41,695	30,690	5,72,385	16,440	6,05,207	6,21,247	1,90,682	4,934	1,05,516	4,25,731	...	74-38	...
Albhar Kacheri Canal ... ..	23,207	710	23,917	...	...	...	23,207	710	23,917	630	3,887	9,517	-2,538	-69	-2,407	11,924	...	49-86	...
Marak Great Canal ... ..	2,07,436	8,310	2,15,746	...	...	...	2,07,436	8,310	2,15,746	2,404	85,883	88,287	12,110	238	12,318	75,969	...	35-21	...
Surfrizwah ... ..	1,18,559	6,121	1,24,680	...	...	...	1,18,559	6,121	1,24,680	3,576	39,884	43,410	13,412	271	13,683	29,727	...	28-84	...
Fuleli Canal ... ..	19,13,446	71,215	19,84,661	...	...	...	19,13,446	71,215	19,84,661	44,601	5,23,990	5,68,561	1,50,665	4,064	1,54,629	4,13,932	...	20-86	...
Hasanali Canal ... ..	2,79,600	13,445	2,93,045	4,209	109	4,318	2,81,400	13,445	2,94,845	424	36,907	37,331	21,923	595	22,519	14,813	...	5-02	...
Eutah Canal ... ..	1,73,972	6,028	1,80,000	284	1,574	1,858	1,73,972	6,028	1,80,000	803	20,297	21,100	17,486	168	17,654	3,446	...	1-01	...
Total, Sind ... ..	46,22,670	1,98,015	48,20,685	4,493	1,858	6,176	46,24,470	1,98,015	48,22,455	72,556	14,97,946	15,70,502	4,72,239	11,772	4,84,011	10,86,491	...	22-53	...
<i>DCCAN AND GUJARAT.</i>																			
<i>Works in Operation.</i>																			
Wangroli Tank ... ..	2,07,302	31,685	2,38,987	...	...	...	2,07,302	31,685	2,38,987	3,695	700	4,393	6,961	296	7,260	...	2,865	...	1-20
Trana Nagrana Tank ... ..	2,35,187	41,205	2,77,392	5	...	5	2,35,187	41,205	2,77,392	701	23	724	4,260	188	4,448	...	3,724	...	1-34
...	2,32,616	29,971	2,62,586	12,413	...	...	2,32,615	29,971	2,62,586	2,375	...	2,976	3,110	132	3,342	...	297	...	0-11
...	42,946	25,484	73,382	...	...	...	47,948	25,484	73,382	1,252	...	1,253	918	21	334	918	...	1-25	...
...	...	...	...	...	...	...	1,20,781	10,125	1,30,906	2,898	...	2,898	1,086	55	1,091	1,747	...	1-26	...





## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

NIBA CANAL, INCLUDING SHEETPAL TANK,

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	30,51,839	3,95,415 (a) 9	34,47,253	1. Head Works ...	350	...	350
3. Sales of water ...	1,766	267	2,033	2. Main Canals and Branches ...	13,569	5,830	19,399
4. Water-supply of towns ...	1	...	1	3. Distributaries ...	172	...	172
5. Plantations ...	...	690	...	<b>Total ...</b>	<b>14,091</b>	<b>5,830</b>	<b>19,921</b>
6. Other canal produce ...	31,949	2,009	34,648	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of buildings	6,052	416	6,468	1. Head Works ...	79,202	5,305	84,507
10. Fines ...	2	...	2	2. Main Canals and Branches ...	3,59,754	18,161	3,77,915
11. Miscellaneous receipts ...	27,036	2,312	29,348	3. Distributaries ...	91,640	5,115	96,755
<b>Total ...</b>	<b>31,18,645</b>	<b>4,01,118</b>	<b>35,19,763</b>	<b>Total ...</b>	<b>5,30,596</b>	<b>28,581</b>	<b>5,59,177</b>
<b>II.—INDIRECT RECEIPTS:</b>				<b>III.—COMPENSATION ...</b>	<b>5</b>	<b>...</b>	<b>5</b>
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	<b>IV.—ESTABLISHMENT.</b>			
<b>Total, Receipts ...</b>	<b>31,18,645</b>	<b>4,01,118</b>	<b>35,19,763</b>	1 & 2. Direction and Accounts ...	54,528	1,476	56,004
				3. Executive ...	4,70,877	31,427	5,02,304
				4. Medical ...	3,719	...	3,719
				<b>Total ...</b>	<b>5,29,124</b>	<b>32,903</b>	<b>5,62,027</b>
<b>Carried over ...</b>	<b>31,18,645</b>	<b>4,01,118</b>	<b>35,19,763</b>	<b>Carried over ...</b>	<b>10,78,816</b>	<b>67,814</b>	<b>11,41,130</b>

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-10.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	31,18,645	4,01,118	35,19,763	Brought forward ...	10,73,818	67,314	11,41,130
				V.—TOOLS AND PLANT ...	24,525	2,000	26,525
				VI.—REFUNDS OF REVENUE...	7,730	734	8,464
				Total ...	11,06,071	70,048	11,76,119
				Share of Collection Charges in the Civil Department...	1,52,579	19,764 (a) 9 }	1,72,352
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	74,077	4,606	78,683
				Total, Charges ...	18,32,727	94,427	14,27,154
				Balance Net Revenue ...	17,85,918	3,06,691	20,92,609
Grand Total ..	31,18,645	4,01,118	35,19,763	Grand Total ...	31,18,645	4,01,118	35,19,763

(a) Amount adjusted by credit to water-rates and debit per contra on account of collection charges on the revenue realized by the Bhor State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1908-09.

Construction Estimate of Nira Canal closed on 31st March 1899, vide G. R. No. 1847, dated 2nd April 1900.

Construction Estimate of Shetphal Tank closed on 31st March 1906, vide G. R. No. 2434, dated 2nd October 1905.

Completion Report approved in G. R. No. 2307, dated 3rd December 1907.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-09.	52,78,216		Net revenue realized to end of 1908-09.	17,85,918	
			Do. during 1909-10.	3,06,691	
Interest charges for the year 1909-10...	2,03,837		Balance net Interest charges ...	20,92,609	
				33,89,444	
Total ...	54,82,053		Total ...	54,82,053	

## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING. SHETPHAL TANK.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ... ..	1,84,823	56	1,84,879
2. Leave and Pension Allowances ... ..	1,78,872	...	1,78,872
Total ...	3,63,695	56	3,63,751
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	74,077	4,606	78,683

No. 6.—Statement Comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
<b>DIRECT CHARGES.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	47,68,387	32,828	48,01,215	...	...	...	48,01,215	
Establishment ...	11,46,855	7,419	11,54,274	...	...	...	11,54,274	
Tools and Plant ...	1,26,141	—3,065	1,23,076	...	...	...	1,23,076	
Total ...	60,41,383	37,182	60,78,565	...	...	...	60,78,565	
Less—Receipts on Capital Account...	8,382	...	8,382	...	...	...	8,382	
Net Total ...	60,33,001	37,182	60,70,183	...	...	...	60,70,183	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue...	1,83,159	1,720	1,84,879	...	...	...	1,84,879	
Leave and Pension Allowances ...	1,77,833	1,039	1,78,872	...	...	...	1,78,872	
Total ...	3,60,992	2,759	3,63,751	...	...	...	3,63,751	
Grand Total ...	63,93,993	39,941	64,33,934	...	...	...	64,33,934	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## MHASVAD TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,47,220	{ 64,448 (a) 235 }	4,11,908	1. Head Works ...	17,401	...	17,401
3. Sales of water ...	162	38	200	<b>II.—MAINTENANCE AND REPAIRS.</b>			
4. Water-supply of towns.	19,163	3,509	22,672	1. Head Works ...	38,945	1,046	39,991
5. Plantations ...	8,376	{ 129 1,378 }	9,883	2. Main Canals and Branches ...	86,970	2,650	89,620
6. Other canal produce ...						3. Distributaries ...	48,086
9. Rents of buildings.	1,014	30	1,044	<b>Total</b> ...	<b>1,74,001</b>	<b>5,655</b>	<b>1,79,656</b>
10. Fishes ...	4	...	4	<b>III.—COMPENSATION</b> ...	75	...	75
11. Miscellaneous receipts ...	23,887	2	23,889	<b>IV.—ESTABLISHMENT.</b>			
<b>Total</b> ...	<b>3,99,826</b>	<b>69,769</b>	<b>4,69,595</b>	1 & 2. Direction and Accounts ...	20,494	283	20,777
<b>II.—INDIRECT RECEIPTS.</b>				3. Executive ...	1,08,237	6,518	1,14,755
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	4. Medical ...	66	...	66
				<b>Total</b> ...	<b>1,28,797</b>	<b>6,801</b>	<b>1,35,598</b>
<b>Total, Receipts</b> ...	<b>3,99,826</b>	<b>69,769</b>	<b>4,69,595</b>	<b>V.—TOOLS AND PLANT</b> ...	2,180	203	2,383
<b>Carried over</b> ...	<b>3,99,826</b>	<b>69,769</b>	<b>4,69,595</b>	<b>Carried over</b> ...	<b>3,22,454</b>	<b>12,659</b>	<b>3,35,113</b>

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## MHASVAD TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	3,99,826	69,769	4,69,595	Brought forward ...	3,22,454	12,659	3,35,113
				VI.—REFUNDS OF REVENUE ...	5	...	5
				Total ...	3,22,459	12,659	3,35,118
				Share of Collection Charges in the Civil Department ...	18,286	{ 3,066 (a) 1 35 }	21,587
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	18,031	952	18,983
				Total, Charges ...	3,58,776	16,912	3,75,688
				Balance Net Revenue ...	41,050	52,857	93,907
Grand Total ...	3,99,826	69,769	4,69,595	Grand Total ...	3,99,826	69,769	4,69,595

(a) Amount adjusted by credit to water-rates and debit *per contra* on account of collection charges for the revenue realised by the Anand State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907. Construction Estimate closed on 31st March 1901, *vide* G. R. No. 1197, dated 10th June 1901. Completion Report approved in G. R. No. 1106, dated 22nd April 1903.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ...	20,50,189	Net revenue realized to end of 1908-1909. Do. during 1909-1910.	41,050 52,857
Interest charges for the year 1909-1910 ...	67,346	Balance net Interest charges ...	93,907 20,23,628
Total ...	21,17,535	Total ...	21,17,535

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	18,031	952	18,983

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## CHANKAPUR TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
(1)— <i>Head Works.</i>					
A. Preliminary Expenses ...	7,678	...	7,678	7,678	7,678
B. Land ...	2,233	12,244	14,477	14,477	14,477
C. Masonry Works ...	7,43,094	90,141	8,33,235	8,33,235	8,33,235
K. Buildings ...	6,977	1,119	8,096	8,096	8,096
L. Earth-work ...	89,155	11,189	1,00,344	1,00,344	1,00,344
P. Maintenance ...	5,610	...	5,610	5,610	5,610
Total, Head Works ...	8,54,747	1,14,693	9,69,440	9,69,440	9,69,440
(2)— <i>Main Canals and Branches.</i>					
A. Preliminary Expenses ...	349	...	349	349	349
B. Land ...	370	1,533	1,903	1,903	1,903
C. Masonry Works ...	1,24,646	700	1,25,346	1,25,346	1,25,346
K. Buildings ...	5,904	244	6,148	6,148	6,148
L. Earthwork ...	93,605	—1,519	92,086	92,086	92,086
M. Plantations ...	1,018	391	1,409	1,409	1,409
Total, Main Canals and Branches ...	2,25,892	1,349	2,27,241	2,27,241	2,27,241
(3)— <i>Distributaries.</i>					
A. Preliminary Expenses ...	2,772	1,436	4,208	4,208	4,208
C. Masonry Works ...	47	—47	.....	.....	.....
O. Miscellaneous ...	.....	3,180	3,180	3,180	3,180
Total, Distributaries ...	2,819	4,569	7,388	7,388	7,388
Total, I.—Works ...	10,83,458	1,20,611	12,04,069	12,04,069	12,04,069
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	46,696	5,269	51,965	51,965	51,965
3. Executive ...	1,78,360	18,970	1,97,329	1,97,329	1,97,329
4. Medical ...	1,603	454	2,057	2,057	2,057
Total, II.—Establishment ...	2,26,658	24,693	2,51,351	2,51,351	2,51,351
<b>III.—TOOLS AND PLANT</b> ...	58,623	4,324	62,947	62,947	62,947
<b>IV.—Suspense Accounts</b> ...	{ 63 1* }	—64	.....	.....	.....
Grand Total ...	13,68,803	1,49,564	15,18,367	15,18,367	15,18,367
V.— <i>Less</i> —Receipts on Capital Account ...	2,132	...	2,132	2,132	2,132
Net Outlay ...	13,66,671	1,49,564	15,16,235	15,16,235	15,16,235
<b>APPORTIONMENT.</b>					
Chargeable to 35.—Construction of Protective Irrigation Works ...	13,32,355	1,49,564	14,81,919	14,81,919	14,81,919
Do. 43.—Minor Works and Navigation ...	34,316	.....	34,316	34,316	34,316
Total ...	13,66,671	1,49,564	15,16,235	15,16,235	15,16,235

\* Adjusted on account of fractions of a rupee.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## CHANKAPUR TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS</b> ...	...	...	...
1. Water-rates from Irrigation ...	...	770	770	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...	...	115	115	1. Head Works ...	...	84	84
11. Miscellaneous Receipts ...	...	498	493	2. Main Canals and Branches ...	...	2,615	2,615
<b>Total</b> ...	...	1,378	1,378	<b>Total</b> ...	...	2,699	2,699
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts ...	...	126	126
				3. Executive ...	...	1,755	1,755
				<b>Total</b> ...	...	1,881	1,881
				<b>V.—TOOLS AND PLANT</b> ...	...	128	128
				<b>Total</b> ...	...	4,708	4,708
<b>Total, Receipts</b> ...	...	1,378	1,378	Share of Collection Charges in the Civil Department ...	...	38	38
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	263	263
				<b>Total, Charges</b> ...	...	5,009	5,009
				Balance Net Revenue ...	...	-3,631	-3,631
<b>Grand Total</b> ...	...	1,378	1,378	<b>Grand Total</b> ...	...	1,378	1,378

N.B.—Construction Estimate closed on 31st March 1910—*vide* G. R. No. 872, dated 1st April 1910. Completion Report called for in the above G. R. is awaited.



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909	1,99,950		Net revenue realized to end of 1908-1909	.....	
Interest charges for the year 1909-1910	48,404		Do. during 1909-1910	—3,631	
			Balance net Interest charges	—3,631	
Total	2,48,354		Total	2,51,985	
				—3,631	
				2,51,985	
				2,48,354	

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910

Particulars.	Previous.	1909-1910.	Total.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue	2,946	13,289	16,235
2. Leave and Pension Allowances	32,372	8,457	85,829
Total	35,318	16,746	52,064
<b>REVENUE—</b>			
2. Leave and Pension Allowances	.....	263	263

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expend-iture against construction Estimate.	Expend-iture against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works	12,04,069	...	12,04,069	...	...	...	12,04,069	
Establishment	2,51,351	...	2,51,351	...	...	...	2,51,351	
Tools and Plant	62,947	...	62,947	...	...	...	62,947	
Total	15,18,367	...	15,18,367	...	...	...	15,18,367	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total	15,16,235	...	15,16,235	...	...	...	15,16,235	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue	16,235	...	16,235	...	...	...	16,235	
Leave and Pension Allowances	35,829	...	35,829	...	...	...	35,829	
Total	52,064	...	52,064	...	...	...	52,064	
Grand Total	15,68,299	...	15,68,299	...	...	...	15,68,299	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## MA'LA'DEVI TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<i>(1)—Head Works.</i>					
A. Preliminary Expenses ... ..	5,327	...	5,327	5,327	...
B. Land ... ..	13,990	—414	13,576	13,990	...
C. Masonry Works ... ..	85,812	...	85,812	85,823	...
K. Buildings ... ..	3,707	...	3,707	3,706	...
L. Earth-work ... ..	1,34,542	—125	1,34,417	1,34,443	...
P. Maintenance ... ..	30	...	30	30	...
Total, Head Works ... ..	2,43,408	—539	2,42,869	2,43,319	...
Total, I.—Works ... ..	2,43,408	—539	2,42,869	2,43,319	...
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	11,442	—6	11,436	11,459	...
3. Executive ... ..	49,132	—22	49,110	49,194	...
Total, II.—Establishment ... ..	60,574	—28	60,546	60,653	...
<b>III.—TOOLS AND PLANT</b>					
	1,473	...	1,473	1,473	...
Grand Total ... ..	3,05,455	—567	3,04,888	3,05,445	...
V.—Less—Receipts on Capital Account ... ..	1,575	46	1,621	774	...
Net Outlay ... ..	3,03,880	—613	3,03,267	3,04,671	...
<b>APPORTIONMENT.</b>					
Chargeable to 35.—Construction of Protective Irrigation Works ... ..	2,90,543	—613	2,89,930	} 3,04,671	..
Do. 43.—Minor Works and Navigation ... ..	13,337	...	13,337		
Total ... ..	3,03,880	—613	3,03,267	3,04,671	..

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## MA'LA'DEVI TANK.

## TANK PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount			Amount	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ...	1,18,243		Net revenue realized to end of 1908-1909 ...	.....	.....
			Do. during 1909-1910 ...	.....	.....
Interest charges for the year 1909-1910 ...	10,194		Balance net Interest charges ...	.....	1,28,437
Total ...	1,28,437		Total ...		1,28,437

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	875	.....	875
2. Leave and Pension Allowances ...	9,017	—4	9,013
Total ...	9,892	—4	9,888

## No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	...	...	...	2,42,869	2,43,319	450	2,42,869	
Establishment ...	...	...	...	60,546	60,653	107	60,546	
Tools and Plant... ..	...	...	...	1,473	1,473	...	1,473	
Total ...	...	...	...	3,04,888	3,05,445	557	3,04,888	
<b>Less—Receipts on Capital Account.</b>	...	...	...	1,621	774	—847	1,621	
Net Total ...	...	...	...	3,03,267	3,04,671	1,404	3,03,267	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	...	...	...	875	875	...	875	
Leave and Pension Allowances ...	...	...	...	9,013	9,028	15	9,013	
Total ...	...	...	...	9,888	9,903	15	9,888	
Grand Total ...	...	...	...	3,13,155	3,14,574	1,419	3,13,155	

This work is a part of the Pravara River Irrigation Project but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals, vide Government of India No. 1951-1, dated 18th September 1908, communicated in Government Resolution No. 2731 of 20th October 1908.

Estimate amounting to Rs. 3,14,574 for direct and indirect charges included in the above project sanctioned in the Secretary of State's Despatch No. 89-P. W., dated 9th August 1907, communicated in Government of India No. 1681 of 28th September 1907, vide Government Resolution No. 2557 of 22nd October 1907, has been shown here.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## GODAVERI CANAL.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
(1)—Head Works.					
A. Preliminary Expenses ... ..	387	206	593	43,306	...
B. Land ... ..	36,872	2,83,881	3,20,753	7,39,515	...
C. Works ... ..	11,73,724	8,51,627	20,25,351	33,86,006	...
K. Buildings ... ..	85,152	—525	34,627	35,701	...
P. Maintenance ... ..	...	74	74	80	...
Total, Head Works ...	12,46,135	11,85,263	23,81,398	42,04,608	...
(2)—Main Canals and Branches.					
A. Preliminary expenses ... ..	12,500	5,247	17,747	45,474	...
B. Land ... ..	29,874	46,627	76,501	2,32,916	...
D. Regulators ... ..	...	1,789	1,783	19,305	...
F. River and Hill torrent works ... ..	31,114	1,57,643	1,88,757	8,59,483	...
G. Bridges ... ..	4,087	8,314	12,401	83,485	...
H. Escapes ... ..	...	76	76	9,720	...
K. Buildings ... ..	29,699	26,186	55,885	1,17,405	...
L. Earth-work ... ..	3,31,627	2,98,513	6,33,140	11,06,818	...
M. Plantations ... ..	1,053	484	1,542	5,52	...
O. Miscellaneous ... ..	...	...	...	4,611	...
P. Maintenance ... ..	474	236	710	11,007	...
Total, Main Canals and Branches ...	4,43,433	5,45,115	9,88,543	24,95,476	...
(3)—Distributaries.					
A. Preliminary expenses ... ..	1,153	3,337	4,495	6,350	...
B. Land ... ..	...	...	...	77,724	...
C. Works ... ..	...	...	...	1,99,421	...
O. Miscellaneous ... ..	...	...	...	2,87,063	...
Total, Distributaries ...	1,153	3,337	4,495	5,70,563	...
Total, I.—Works ...	16,90,726	16,83,715	£3,74,441	72,70,647	...
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	76,447	68,568	1,45,015	} 13,77,585	...
3. Executive ... ..	1,60,074	1,15,453	2,75,527		
Total, Establishment ...	2,36,521	1,84,021	4,20,542	13,77,585	...
III.—Tools and Plant... ..	1,43,365	36,271	1,79,635	1,68,365	...
IV.—Suspense Accounts ... ..	6	37,700	37,706	...	...
Grand Total ...	20,70,618	19,41,707	40,12,325	88,34,597	...
V.—Less—Receipts on Capital Account ...	67	84	151	...	...
Net Outlay ...	20,70,551	19,41,623	40,12,174	88,34,597	...
<b>APPORTIONMENT.</b>					
Chargeable to 35—Construction of Protective Irrigation Works ...	2,070,551	19,41,623	40,12,174	88,34,597	...

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## GODAVERI CANAL.

## CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ... ..	65,938		Net Revenue realized to end of 1908-1909 ... ..	.....	
Interest charges for the year 1909-1910 ... ..	1,02,129		Do. ... .. during 1909-1910.	.....	
			Balance net Interest charges ... ..	1,68,067	
Total ... ..	1,68,067		Total ... ..	1,68,067	

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.			Previous.	1909-1910.	Total.
			Rs.	Rs.	Rs.
<b>CAPITAL—</b>					
1. Capitalized abatement of Land Revenue ... ..	...	...	22,351	18,131	40,482
2. Leave and Pension Allowances ... ..	...	...	33,112	25,763	58,875
Total ... ..			55,463	43,894	99,357

## No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ... ..	...	...	...	83,74,441	73,70,647	38,96,206	83,74,441	Estimate sanctioned in Secretary of State's Despatch No. P. W.—47 of 13th July 1906, vide Government of India's No. 1187—I. of 18th August 1906, communicated in Government Resolution No. 2804 of 22nd October 1906, Rs. 95,61,044.  Note.—From the sanctioned provision of Establishment Rs. 90,613 have been transferred to that of Tools and Plant as per Government Resolution Nos. 2316 of 16th September 1909, 245 of 15th February 1910 and 1405 of 22nd June 1910.
Establishment ... ..	...	...	...	4,20,542	13,77,555	9,57,043	4,20,542	
Tools and Plant ... ..	...	...	...	1,79,636	1,86,365	6,729	1,79,636	
Suspense Accounts ... ..	...	...	...	37,706	...	-37,706	37,706	
Total ... ..	...	...	...	40,12,325	88,34,597	48,22,272	40,12,325	
<b>Less—Receipts on Capital Account...</b>	...	...	...	151	...	-151	151	
Net Total ... ..	...	...	...	40,12,174	88,34,597	48,22,423	40,12,174	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	...	...	...	40,482	5,20,900	4,80,418	40,482	
Leave and Pension Allowances ... ..	...	...	...	58,875	2,05,547	1,46,672	58,875	
Total ... ..	...	...	...	99,357	7,26,447	6,27,090	99,357	
Grand Total ... ..	...	...	...	41,11,531	95,61,044	54,49,513	41,11,531	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## PRAVARA RIVER CANAL PROJECT.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses	171	272	443	4,018	.....
B. Land	.....	.....	.....	92,000	.....
C. Works	2,580	47,869	50,449	28,73,265	.....
K. Buildings	563	5,098	5,661	12,916	.....
O. Miscellaneous	.....	828	828	41,225	.....
P. Maintenance	.....	.....	.....	11,000	.....
Total, Head Works	3,314	54,067	57,381	30,34,424	.....
(2)—Main Canals and Branches.					
A. Preliminary Expenses	868	1,251	2,119	7,358	.....
B. Land	2	125	127	2,00,389	.....
D. Regulators	4,694	6,148	10,842	47,523	.....
E. Falls and Weirs	.....	.....	.....	17,318	.....
F. River and Hill torrent works	57,867	92,251	1,50,118	3,93,687	.....
G. Bridges	9,870	5,372	15,242	78,910	.....
H. Escapes	.....	.....	.....	14,017	.....
K. Buildings	.....	966	966	43,838	.....
L. Earth-work	3,379	16,586	19,965	12,00,579	.....
M. Plantations	100	587	687	64,772	.....
O. Miscellaneous	1,570	189	1,759	1,846	.....
P. Maintenance	350	.....	350	19,500	.....
Total, Main Canals and Branches	78,700	1,23,475	2,02,175	20,89,737	.....
(3)—Distributaries.					
A. Preliminary Expenses	60	1,272	1,332	1,09,776	.....
C. Works	.....	1,074	1,074	.....	.....
L. Earth-work	.....	.....	.....	3,23,935	.....
O. Miscellaneous	.....	470	470	1,86,976	.....
Total, Distributaries	60	2,816	2,876	6,20,687	.....
Total, I.—Works	82,074	1,80,358	2,62,432	57,44,848	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	3,999	8,688	12,687	12,53,095	.....
3. Executive	14,894	25,857	40,251		
Total, II.—Establishment	18,393	34,545	52,938	12,53,095	.....
III.—TOOLS AND PLANT	1,901	58,010	59,911	1,56,991	.....
IV.—Suspense Account	.....	7,388	7,388	.....	.....
Grand Total	1,02,368	2,80,301	3,82,669	71,54,934	.....
V.—Less—Receipts on Capital Account.	77	.....	77	.....	.....
Net Outlay	1,02,291	2,80,301	3,82,592	71,54,934	.....
APPORTIONMENT.					
Chargeable to 35—Construction of Protective Irrigation Works	1,02,291	2,80,301	3,82,592	71,54,934	.....

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## PRAVARA RIVER CANAL PROJECT.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS ...	...	...	...
1. Water-rates from Irrigation ...	...	102	102	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	...	119	119	2. Main Canals and Branches ...	...	455	455
11. Miscellaneous Receipts ...	...	6	6	IV.—ESTABLISHMENT.			
Total ...	...	227	227	1 & 2. Direction and Accounts ...	...	22	22
II.—INDIRECT RECEIPTS.				3. Executive ...	...	173	173
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	...	195	195
Total, Receipts ...	...	227	227	V.—TOOLS AND PLANT ...	...	6	6
				Total ...	...	656	656
				Share of Collection Charges in the Civil Department ...	...	5	5
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	27	27
				Total, Charges ...	...	688	688
				Balance Net Revenue ...	...	-461	-461
Grand Total ...	...	227	227	Grand Total ...	...	227	227

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
35.—PROTECTIVE IRRIGATION WORKS.  
PRAVARA RIVER CANAL PROJECT.  
CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1909-1910:

	Amount.			Amount.	
	Rs.	...		Rs.	...
Total Interest charges to end of 1908-1909 ...	1,832	...	Net Revenue realized to end of 1908-1909 ...	...	...
Interest charges for the year 1909-1910 ...	8,141	...	Do. during 1909-1910 ...	...	—461
					—161
Total ...	9,973	...	Balance net Interest charges ...	...	10,434
			Total ...	...	9,973

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.				Previous.	1909-1910.	Total.
				Rs.	Rs.	Rs.
<b>CAPITAL—</b>						
2. Leave and Pension Allowances ...	...	...	...	2,575	4,836	7,411
<b>REVENUE—</b>						
2. Leave and Pension Allowances ...	...	...	...	.....	27	27

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against Construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								Total estimate for the Pravara River Canal Project sanctioned by the Secretary of State's Despatch No. 88-P. W. of 9th August 1907, vide Government of India's No. 1631-I of 23rd September 1907, communicated in Government Resolution No. 2557 of 22nd October 1907, Rs. 86,44,841 Deduct—Estimate of the undermentioned works as their separate accounts have been prepared as one account for the whole project has been kept in abeyance pending the new project is completed, sufficiently to give water to the other canals, vide Government of India's No. 1951-I. of 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908:— Maladevi Rs. Tank ... 3,14,574 O j h a r Canal ... 3,47,550 L & k h Canal ... 3,71,891 Rs. 10,34,016 Net amount shown in this account ... 76,70,826
Works ...	...	...	...	2,62,432	57,44,848	54,82,416	2,62,432	
Establishment ...	...	...	...	52,938	12,58,095	12,00,157	52,938	
Tools and Plant ...	...	...	...	59,911	1,56,991	97,080	59,911	
Suspense Accounts. ...	...	...	...	7,388	...	—7,388	7,388	
Total ...	...	...	...	3,82,669	71,54,934	67,72,265	3,82,669	
<i>Less—Receipts on Capital Account.</i> ...	...	...	...	77	...	—77	77	
Net Total ...	...	...	...	3,82,592	71,54,934	67,72,342	3,82,592	
<b>INDIRECT CHARGES.</b>								
Capitalized Abatement of Land Revenue ...	...	...	...	...	2,80,459	2,80,459	...	
Leave and Pension Allowances ...	...	...	...	7,411	1,75,433	1,68,022	7,411	
Total ...	...	...	...	7,411	4,55,892	4,48,481	7,411	
Grand Total ...	...	...	...	3,90,003	76,10,826	72,20,823	3,90,003	



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1903-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## BUDHIMAL TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1903-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1903-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<i>(1)—Head Works.</i>					
A. Preliminary Expenses ... ..	804	...	804	1,600	...
B. Land ... ..	8,063	...	8,063	30,000	...
C. Masonry Works ... ..	45,988	...	45,988	1,50,393	...
K. Buildings ... ..	5,664	...	5,664	5,664	...
L. Earthwork ... ..	3,28,697	...	3,28,697	7,65,967	...
O. Miscellaneous ... ..	4,993	...	4,993	7,656	...
P. Maintenance ... ..	1,213	282	1,500	1,691	...
Total, Head Works ... ..	3,95,427	282	3,95,709	9,62,971	...
<i>(2)—Main Canals and Branches.</i>					
Total, Main Canals and Branches ... ..	...	...	...	*1,66,500	...
Total, I.—Works ... ..	3,95,427	282	3,95,709	11,29,471	...
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	19,314	11	19,355	54,978	...
3. Executive ... ..	69,667	40	69,707	1,97,617	...
Total, II.—Establishment ... ..	89,011	51	89,062	2,52,590	...
<b>III.—TOOLS AND PLANT</b>					
Grand Total ... ..	4,89,456	333	4,89,789	13,98,529	...
V.—Less—Receipts on Capital Account ... ..	541	100	641	...	...
Net Outlay ... ..	4,88,915	233	4,89,148	13,98,529	...
<b>APPORTIONMENT.</b>					
Chargeable to 35.—Construction of Protective Irrigation Works ... ..	34,044	233	34,277	} 13,98,529	...
Do. 43.—Minor Works and Navigation ... ..	29,588	...	29,588		
Do. 33.—Famine Relief ... ..	4,25,283	...	4,25,283		
Total ... ..	4,88,915	233	4,89,148	13,98,529	...

\* Lump sum provision in the Estimate.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 35.—PROTECTIVE IRRIGATION WORKS.

## BUDHIHAL TANK.

## TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.	Do.		Rs.	Do.
Total Interest charges to end of 1908-1909...	66,754		Net Revenue realized to end of 1908-1909... during 1909-1910...	.....	.....
Interest charges for the year 1909-1910 ...	16,422		Balance net Interest charges ...	.....	83,176
Total ...	83,176		Total ...	.....	83,176

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1908-1909.	Total.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	5,741	.....	5,741
2. Leave and Pension Allowances ...	12,461	7	12,468
Total ...	18,202	7	18,209

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	...	...	...	3,95,709	11,29,471	7,33,762	3,95,709	Estimate sanctioned in the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I of 17th June 1905, communicated in Government Resolution No. 2002 of 1st August 1905.
Establishment ...	...	...	...	89,062	2,52,590	1,63,528	89,062	
Tools and Plant ...	...	...	...	5,018	16,468	11,450	5,018	
Total ...	...	...	...	4,89,789	13,98,529	9,08,740	4,89,789	
Less—Receipts on Capital Account.	...	...	...	641	...	—641	641	
Net Total ...	...	...	...	4,89,148	13,98,529	9,09,381	4,89,148	
<b>INDIRECT CHARGES</b>								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,720	14,979	5,741	
Leave and Pension Allowances ...	...	...	...	12,468	35,362	22,894	12,468	
Total ...	...	...	...	18,209	56,082	37,873	18,209	
Grand Total ...	...	...	...	5,07,357	14,54,611	9,47,254	5,07,357	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## DESERT CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
1. Water-rates from Irrigation ...	12,56,029	1,00,252	13,56,281	1. Head Works ...	4,789	...	4,789
5. Plantations ...	1,727	87	1,853	2. Main Canals and Branches ...	1,36,053	478	1,36,531
6. Other Canal Produce ...		39		37,971			
9. Rents of Buildings ...	5,124	641	5,765	3. Distributaries ...	84,404	3,567	87,971
10. Fines ...	3,746	519	4,265	Total ...	1,75,246	4,045	1,79,291
11. Miscellaneous Receipts ...	8,384	236	8,620	<b>II.—MAINTENANCE AND REPAIRS.</b>			
Total ...	12,75,010	1,01,774	13,76,784	1. Head Works ...	43,743	...	43,743
<b>II.—INDIRECT RECEIPTS.</b>				2. Main Canals and Branches ...	15,10,126	98,429	16,08,555
Irrigation share of Land Revenue collected in the Civil Department	48,52,965	2,42,473	45,95,438	3. Distributaries ...	35,768	1,435	37,204
Four per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	26,114	1,698	27,812	Total ...	15,89,637	99,865	16,89,502
Total ...	43,79,079	2,44,171	46,23,250	<b>III.—COMPENSATION</b>	279	...	279
Total, Receipts ...	56,54,089	3,45,945	60,00,034	<b>IV.—ESTABLISHMENT.</b>			
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and also on lands in Khilat Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 238-1, dated 14th June 1889, communicated under Government Resolution No. 409, dated 11th August 1889:—				1 & 2. Direction and Accounts ...	87,928	3,302	91,230
Rs. To end of 1908-1909. 11,88,430				3. Executive ...	2,75,309	5,877	2,81,186
Loss for 1909-1910... 87,259				Total ...	3,63,237	9,179	3,72,416
Total ...12,76,689				<b>V.—TOOLS AND PLANT ...</b>	14,121	7	14,128
				<b>VI.—REFUNDS OF REVENUE.</b>			
				... 2,738	...	...	2,738
				Total ...	21,45,258	1,13,096	22,58,354
				Share of Collection Charges in the Civil Department ...	3,42,307	14,594	3,56,901
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	55,723	1,285	57,008
				Total, Charges ...	25,43,288	1,28,975	26,72,263
				Balance Net Revenue ...	31,10,801	2,16,970	33,27,771
<b>Grand Total ...</b>	<b>56,54,089</b>	<b>3,45,945</b>	<b>60,00,034</b>	<b>Grand Total ...</b>	<b>56,54,089</b>	<b>3,45,945</b>	<b>60,00,034</b>

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-08. Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1253, dated 23rd July 1891. Completion Report approved in Government Resolution No. 1760, dated 10th November 1893.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## DESERT CANAL.

## CANAL PROJECT.

*No. 4.—Interest Account for, and to end of, 1909-1910.*

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ...	18,58,473	Net Revenue realized to end of 1908-1909...	31,10,801
Interest charges for the year 1909-1910 ...	88,054	Do. during 1909-1910 ...	2,16,970
			<u>33,27,771</u>
		Balance net Interest charges ...	<u>-13,81,244</u>
Total ...	19,46,527	Total ...	19,46,527

*No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.*

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	2,833	.....	2,833
2. Leave and Pension Allowances ...	52,890	1,285	54,175
Total ...	55,723	1,285	57,008

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1901).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
C. Works ... ..	56,970	...	56,970	56,970	56,970
(2)—Main Canals and Branches.					
A. Preliminary Expenses ... ..	817	...	817	817	817
B. Land ... ..	144	...	144	144	144
D. Regulators ... ..	43,314	...	43,314	43,314	43,314
G. Bridges ... ..	18,314	...	18,314	18,314	18,314
K. Buildings ... ..	20,660	...	20,660	20,660	20,660
L. Earthwork ... ..	3,58,463	...	3,58,463	3,58,463	3,58,463
M. Plantations ... ..	1,179	...	1,179	1,179	1,179
Total, Main Canals and Branches ...	4,42,891	...	4,42,891	4,42,891	4,42,891
(3)—Distributaries.					
C. Works ... ..	33,801	401	34,202	34,202	34,202
L. Earthwork ... ..	24,829	4,357	28,987	28,987	28,987
	(a) 1				
O. Miscellaneous ... ..	1,008	3,081	4,089	4,089	4,089
Total, Distributaries ...	59,439	7,839	67,278	67,278	67,278
Total I.—Works ...	5,59,300	7,839	5,67,139	5,67,139	5,67,139
<b>II.—ESTABLISHMENT.</b>					
1. & 2. Direction and Accounts ... ..	27,949	392	28,341	28,341	28,341
3. Executive ... ..	90,927	1,411	92,339	92,339	92,339
	(a) 1				
Total Establishment ...	1,18,877	1,803	1,20,680	1,20,680	1,20,680
<b>III.—TOOLS AND PLANT</b> ...	2,465	...	2,465	2,465	2,465
Grand Total ...	6,80,642	9,642	6,90,284	6,90,284	6,90,284
V.—Less—Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	6,80,642	9,642	6,90,284	6,90,284	6,90,284
<b>APPORTIONMENT:</b>					
Chargeable to 49.—Irrigation ... ..	6,76,171	9,642	6,85,813	6,85,813	6,85,813
Do. 43.—Minor Works and Navigation ... ..	4,471	...	4,471	4,471	4,471
Total ...	6,80,642	9,642	6,90,284	6,90,284	6,90,284

(a) Adjusted on account of fractions of a rupee.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

UNHARWA'H.  
CANAL PROJECT.

No 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
1. Water-rates from Irrigation ...	2,980	296	3,276	1. Head Works ...	76,109	...	76,109
5. Plantations ...	634	49	692	2. Main Canals and Branches ...	27,398	2,500	29,898
6. Other Canal produce ...		9		36	3. Distributaries ...	4,494	...
9. Rents of buildings ...	35	1	36	Total ...	1,08,001	2,500	1,10,501
10. Fines ...	2,233	470	2,703	<b>II.—MAINTENANCE AND REPAIRS.</b>			
11. Miscellaneous Receipts ...	1,383	183	1,516	1. Head Works ...	337	...	337
Total ...	7,265	958	8,223	2. Main Canals and Branches ...	4,47,819	20,472	4,68,291
<b>II.—INDIRECT RECEIPTS.</b>				3. Distributaries ...	5,548	2,901	8,449
Irrigation share of Land Revenue collected in the Civil Department	25,75,813	1,93,344	27,69,157	Total ...	4,53,754	23,373	4,77,127
Four per cent. on $\frac{2}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	42,313	2,747	45,060	<b>IV.—ESTABLISHMENT.</b>			
Total ...	26,18,126	1,96,091	28,14,217	1 & 2. Direction and Accounts ...	28,434	843	29,277
Total, Receipts ...	26,25,391	1,97,049	28,22,440	3. Executive ...	50,009	844	50,853
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total ...	78,443	1,687	80,130
Es.				<b>V.—TOOLS AND PLANT ...</b>	3,740	...	3,740
To end of 1908-1909 ... 11,166				Total ...	6,43,938	27,560	6,71,498
Loss for 1909-1910 ... 887				Share of Collection Charges in the Civil Department ...	1,75,327	11,647	1,86,974
Total ... 12,053				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	14,046	236	14,282
Grand Total ...	26,25,391	1,97,049	28,22,440	Total, Charges ...	8,33,311	39,443	8,72,754
				Balance Net Revenue ...	17,92,080	1,57,606	19,49,686
				Grand Total ...	26,25,391	1,97,049	28,22,440

N.B.—Construction Estimate closed on 31st March 1891.—Vide Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 539, dated 6th April 1892.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

UNHARWAH.  
CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ...	4,83,108		Net revenue realized to end of 1908-1909 ...	17,92,080	
			Do. during 1909-1910 ...	1,57,606	
Interest charges for the year 1909-1910 ...	23,018		Balance net Interest charges ...	19,49,686	
				-14,43,660	
Total ...	5,06,126		Total ...	5,06,126	

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	1,953	.....	1,953
2. Leave and Pension Allowances ...	16,643	252	16,895
Total ...	18,596	252	18,848
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	3,064	.....	3,064
2. Leave and Pension Allowances ...	10,982	236	11,218
Total ...	14,046	236	14,282

No. 6.—Statement Comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	2,79,267	2,87,872	5,67,139	...	...	...	5,67,139	
Establishment ...	52,087	68,593	1,20,680	...	...	...	1,20,680	
Tools and Plant ...	481	1,984	2,465	...	...	...	2,465	
Total ...	3,31,835	3,58,449	6,90,284	...	...	...	6,90,284	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	3,31,835	3,58,449	6,90,284	...	...	...	6,90,284	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	...	1,953	1,953	...	...	...	1,953	
Leave and Pension Allowances ...	7,293	9,602	16,895	...	...	...	16,895	
Total ...	7,293	11,555	18,848	...	...	...	18,848	
Grand Total ...	3,39,128	3,70,004	7,09,132	...	...	...	7,09,132	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## BEGARI CANAL.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1891).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
(2)—Main Canals and Branches.					
B. Land	409	...	409	14,779	409
D. Regulators	8,67,973	51,008	4,18,981	4,09,353	1,81,338
G. Bridges	70,650	...	70,650	74,484	66,673
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	34,075	...	34,075	33,830	22,690
L. Earthwork	10,40,735	4,491	10,45,226	10,57,071	9,30,970
M. Plantations	11,355	48	11,403	13,235	11,266
O. Miscellaneous	3,795	514	4,309	4,306	3,544
P. Maintenance	.....	2,584	2,584	.....	.....
Total, Main Canals and Branches	15,38,149	58,645	15,96,794	16,16,215	12,26,047
(3)—Distributaries..					
A. Preliminary Expenses	8,531	507	9,039	9,156	.....
	(a) 1	...	111	111	111
B. Land	...	...	...	...	...
C. Works	1,80,969	...	1,80,969	1,86,755	1,79,901
L. Earth-work	15,226	9,196	24,422	10,972	10,972
Total, Distributaries	2,04,838	9,703	2,14,541	2,06,994	1,90,984
Total, I.—Works	17,42,987	68,348	18,11,335	18,23,209	14,17,081
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts	70,348	3,394	73,742	3,21,088	55,036
3. Executive	2,34,492	12,249	2,46,740		
	(a) —1	...	...	...	1,80,890
Total, Establishment	3,04,839	15,643	3,20,482	3,21,068	2,35,866
<b>III.—TOOLS AND PLANT</b>	6,533	...	6,533	10,222	4,666
<b>IV.—Suspense Accounts</b>	—17	17	.....	.....	.....
Grand Total	20,54,242	84,008	21,38,350	21,54,499	16,57,563
<b>V.—Less-Receipts on Capital Account.</b>	19	...	19	19	19
Net Outlay	20,54,323	84,008	21,38,331	21,54,480	16,57,544
<b>APPORTIONMENT.</b>					
Chargeable to 49.—Irrigation	20,54,323	84,008	21,38,331	21,54,480	16,57,544

(a) Adjusted on account of fractions of a Rupee.



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## BEGARI CANAL.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	10,46,867	40,880	10,87,247	1. Head Works ...	1,255	...	1,255
3. Sales of water ...	145	153	298	2. Main Canals and Branches...	1,33,242	1,923	1,35,165
5. Plantations ...	9,142	56	9,223	3. Distributaries ...	...	183	183
6. Other Canal produce.				59	9	68	Total ...
9. Rents of buildings.	3,424	1,212	4,636	<b>II.—MAINTENANCE AND REPAIRS.</b>			
10. Fines ...				2. Main Canals and Branches...	21,17,097	65,204	21,82,301
11. Miscellaneous Receipts ...	22,767	1,296	24,063	3. Distributaries ...	20,668	3,852	24,520
Total ...	10,82,404	43,131	11,25,535	4. Drainage and Protective Works ...	17,343	...	17,343
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	21,55,106	69,056	22,24,164
Irrigation share of Land Revenue collected in the Civil Department.	1,10,01,647	5,02,485	1,15,04,132	<b>IV.—ESTABLISHMENT.</b>			
4 per cent. on $\frac{2}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,26,481	8,489	1,34,920	1 & 2. Direction Accounts ...	1,22,602	2,368	1,24,970
Total ...	1,11,28,128	5,10,924	1,16,39,052	3. Executive ...	4,32,488	5,847	4,38,335
Total, Receipts ...	1,22,10,532	5,54,055	1,27,64,587	Total ...	5,55,090	8,215	5,63,305
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jâghir lands and also on lands in Khilat Territory, and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				<b>V.—TOOLS AND PLANT ...</b>	20,685	...	20,685
Rs. To end of 1908-1909. 16,06,081 Less for 1909-1910. 77,136				<b>VI.—REFUNDS OF REVENUE ...</b>	141	...	141
Total ...16,83,216				Total ...	28,65,521	79,377	29,44,898
Grand Total ...	1,22,10,532	5,54,055	1,27,64,587	Share of Collection Charges in the Civil Department ...	8,85,611	30,841	9,16,452
				Indirect Charges debitable to Revenue Account as per Account No. 5...	88,897	1,150	90,047
				Total, Charges ...	38,40,029	1,11,368	39,51,397
				Balance Net Revenue ...	83,70,503	4,42,687	88,13,190
				Grand Total ...	1,22,10,532	5,54,055	1,27,64,587

Construction Estimate closed on 31st March 1891.—Vide Government Resolution No. 1253, dated 28th July 1891.  
Completion Report approved in Government Resolution No. 763, dated 11th May 1892.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## BEGA'RI CANAL.

## CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-09.	23,24,286		Net Revenue realized to end of 1908-09.	83,70,508	
Interest charges for the year 1909-1910.	70,395		Do. during 1909-1910.	4,42,687	
			Balance net Interest charges ...	88,13,190	
Total ...	23,94,681		Total ...	64,18,509	
				23,94,681	

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.			Previous.	1909-1910.	Total.
			Rs.	Rs.	Rs.
<b>CAPITAL—</b>					
1. Capitalized abatement of Land Revenue ...	...	...	5,195	.....	5,195
2. Leave and Pension Allowances ...	...	...	53,717	2,190	55,907
Total ...			58,912	2,190	61,102
<b>REVENUE—</b>					
Capitalized abatement of Land Revenue ...	...	...	4	.....	4
Leave and Pension Allowances ...	...	...	88,893	1,150	90,043
Total ...			88,897	1,150	90,047

## No. 6.—Statement Comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.	
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimates.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<b>DIRECT CHARGES.</b>									
Works ...	13,91,088	25,968	14,17,081	3,94,304	4,06,178	11,874	18,11,335	Rs. Government of India's No. 288 I of 17th March 1906. Mys Government Resolution No. W. I-1328 of 16th 2,94,914 Government of India's No. 580-I of 3rd March 1906. 2,43,897 Mys Government Resolution No. W. I-867 of 26th March 1908 .. Total .. 5,38,801	
Establishment ...	2,29,894	5,972	2,35,866	84,616	85,202	586	3,20,482		
Tools and Plant ...	4,666	...	4,666	1,867	5,556	3,689	6,533		
Suspense Accounts ...	...	...	...	...	...	...	...		
Total ...	16,25,628	31,935	16,57,563	4,80,787	4,96,936	16,149	21,38,350		
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19		
Net Total ...	16,25,609	31,935	16,57,544	4,80,787	4,96,936	16,149	21,38,331		
<b>INDIRECT CHARGES.</b>									
Capitalized abatement of Land Revenue ...	4,246	949	5,195	...	29,937	29,937	5,195		
Leave and Pension Allowances ...	43,224	836	44,060	11,847	11,925	81	55,907		
Total ...	47,470	1,785	49,255	11,847	41,865	30,018	61,102		
Grand Total ...	16,73,079	33,720	17,06,799	4,92,634	5,38,801	46,167	21,99,433		

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## MAHIWAH.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,007	611	2,618				
5. Plantations ...	237	...	237	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
6. Other canal produce ...	748	42	790	2. Main Canals and Branches ...	61,708	2,741	64,447
9. Rents of buildings.	316	...	316	3. Distributaries ...	3,979	...	3,979
10. Fines ...	6	1,719	1,725	Total ...	65,685	2,741	68,426
11. Miscellaneous Receipts ...	2,738	2,186	4,924				
Total ...	6,052	4,558	10,610	<b>II.—MAINTENANCE AND REPAIRS.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				2. Main Canals and Branches ...	2,30,274	30,923	2,61,197
Irrigation share of Land Revenue collected in the Civil Department ...	4,82,993	94,230	5,77,223				
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	19,292	2,294	21,586	<b>IV.—ESTABLISHMENT.</b>			
Total ...	5,02,285	96,524	5,98,809	1 & 2. Direction and Accounts ...	12,018	855	12,873
Total, Receipts ...	5,08,337	1,01,082	6,09,419	3. Executive ...	-16,244	-6,548	-22,792
				Total ...	-4,226	-5,693	-9,919
				<b>V.—TOOLS AND PLANT ...</b>	-406	56	-350
				Total ...	2,91,327	28,027	3,19,354
				Share of Collection Charges in the Civil Department ...	22,514	5,776	28,290
<i>Notes.—Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 238-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.</i>				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	-532	-797	-1,329
Rs.				Total, Charges ...	3,13,309	33,006	3,46,315
To end of 1908-1909... 32,765				Balance Net Revenue ...	1,95,028	68,076	2,63,104
Loss for 1909-1910 ... 7,664				Grand Total ...	5,08,337	1,01,082	6,09,419
Total ... 47,429							
Grand Total ...	5,08,337	1,01,082	6,09,419				

N.B.—Last Capital Account detailed in the Administrative Accounts for 1909-09.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## MAHIWAH.

## CANAL PROJECT.

*No. 4.—Interest Account for, and to end of, 1909-1910.*

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ...	3,16,495	Net revenue realized to end of 1908-1909 ...	1,95,028
		Do. during 1909-1910 ...	68,076
Interest charges for the year 1909-1910 ...	44,388		2,63,104
Total ...	3,60,883	Balance net Interest charges ...	97,779
		Total ...	3,60,883

*No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.*

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	61	.....	61
2. Leave and Pension Allowances ...	—593	—797	—1,390
Total ...	—532	—797	—1,329

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## EASTERN NA'RA WORKS.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction Estimate closed on 31st March 1895).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>					
(1)— <i>Head Works.</i>	Rs.	Rs.	Rs.	Rs.	Rs.
B. Land ... ..	1,638	...	1,638	1,638	1,638
C. Works ... ..	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings ... ..	1,862	...	1,862	1,862	1,862
Total, Head Works ...	12,36,800	...	12,36,800	12,36,800	12,36,800
(2)— <i>Main Canals and Branches.</i>					
A. Preliminary Expenses ...	1,075	...	1,075	1,075	1,075
D. Regulators ... ..	2,57,668	...	2,57,668	2,57,668	2,57,668
G. Bridges ... ..	1,61,703	...	1,61,703	1,61,703	1,61,703
H. Escapes ... ..	45,632	...	45,632	45,632	45,632
K. Buildings ... ..	82,406	...	82,406	82,406	82,406
L. Earthwork ... ..	7,66,537	...	7,66,537	7,66,537	7,66,537
M. Plantations ... ..	16,742	...	16,742	16,742	16,742
N. Tanks and Reservoirs ...	1,441	...	1,441	1,441	1,441
O. Miscellaneous ... ..	32,121	...	32,121	32,121	32,121
Total, Main Canals and Branches ...	13,65,325	...	13,65,325	13,65,325	13,65,325
(3)— <i>Distributaries.</i>					
A. Preliminary Expenses ...	201	...	201	201	201
C. Works ... ..	2,30,575	...	2,30,575	2,30,575	2,30,575
L. Earthwork ... ..	19,513	...	19,513	19,513	19,513
O. Miscellaneous ... ..	9,635	—903	8,727	8,727	8,727
Total, Distributaries ...	2,59,924	—908	2,59,016	2,59,016	2,59,016
(4)— <i>Drainage and Protective Works.</i>					
A. Preliminary Expenses ...	35,054	13,811	48,865	46,901	35,301
B. Land ... ..	2,832	...	2,832	2,832	2,832
C. Works ... ..	2,36,572	...	2,36,572	2,36,572	2,36,572
L. Earthwork ... ..	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous ... ..	425	...	425	425	425
Total, Drainage and Protective Works.	23,04,728	13,811	23,18,539	23,16,575	23,04,975
Total, I.—Works ...	51,66,777	12,903	51,79,680	51,77,716	51,66,116
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	2,63,612	691	2,64,303	13,07,986	2,63,624 10,30,078
3. Executive ... ..	10,23,402	12,642	10,36,044		
Total, Establishment ...	12,87,014	13,333	13,00,347	13,07,986	12,93,702
<b>III.—TOOLS AND PLANT ...</b>	67,961	556	68,517	68,761	68,161
Grand Total ...	65,21,752	26,792	65,48,544	65,54,468	65,27,979
V.— <i>Less—Receipts on Capital Account</i>	176	...	176	176	176
Net Outlay ...	65,21,576	26,792	65,48,368	65,54,287	65,27,803
<b>APPORTIONMENT.</b>					
Chargeable to 49.—Irrigation ...	41,31,786	26,792	41,58,578	41,64,497	41,33,013
Do. to 48.—Minor Works and Navigation ... ..	23,89,790	...	23,89,790	23,89,790	23,89,790
Total ...	65,21,576	26,792	65,48,368	65,54,287	65,27,803

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

## EASTERN NÁRA WORKS.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
1. Water-rates from Irrigation ...	4,18,103	3,362	4,21,465	1. Head Works ...	100	1,954	2,054
3. Sales of water ...	1,222	173	1,395	2. Main Canals and Branches ...	97,416	108	97,524
5. Plantations ...		361		3. Distributaries ...	415		415
6. Other Canal Produce ...	1,66,033	8,253	1,74,286	4. Drainage and Protective Works ...	70,077		70,077
8. Navigation ...	131		131	Total ...	1,68,008	2,062	1,70,070
9. Rents of buildings ...	493	15	508	<b>II.—MAINTENANCE AND REPAIRS.</b>			
10. Fines ...	32,138	215	32,353	1. Head Works ...	1,37,008	6,363	1,43,371
11. Miscellaneous Receipts ...	5,00,716	11,193	5,11,909	2. Main Canals and Branches ...	14,50,079	81,950	15,32,029
Total ...	11,18,836	23,572	11,42,408	3. Distributaries ...	49,907	5,013	54,920
<b>II.—INDIRECT RECEIPTS.</b>				4. Drainage and Protective Works ...	5,93,186	26,456	6,19,642
Irrigation share of Land Revenue collected in the Civil Department.	1,51,40,281	5,60,873	1,57,01,154	Unclassifiable Outlay ...	5,36,057		5,36,057
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. L. dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1912, dated 7th November 1889 ...	13,283	2,431	15,714	Total ...	27,66,237	1,19,782	28,86,019
Total ...	1,51,58,564	5,63,304	1,57,16,868	<b>IV.—ESTABLISHMENT.</b>			
Total, Receipts ...	1,62,72,400	5,86,576	1,68,59,276	1 & 2. Direction and Accounts ...	1,80,622	7,749	1,88,371
<i>Note.</i> —Loss to the canal on account of difference between assessment of water rates on Jágir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				3. Executive ...	9,70,461	33,595	10,04,056
Rs.				Total ...	11,51,083	41,344	11,92,427
To end of 1908-1909 ... 4,21,391				<b>V.—TOOLS AND PLANT ...</b>	32,334	1,536	34,370
Loss for 1909-1910 ... 17,980				<b>VI.—REFUNDS OF REVENUE ...</b>	8,042		8,042
Total ... 4,39,371				Suspense Accounts ...	270	17	287
Grand Total ...	1,62,72,400	5,86,876	1,68,59,276	Total ...	41,26,474	1,64,741	42,91,215
				Share of Collection Charges in the Civil Department ...	12,74,561	34,417	13,08,978
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,87,817	5,788	1,93,605
				Total, Charges ...	55,88,852	2,04,946	57,93,798
				Balance Net Revenue ...	1,06,83,548	3,81,930	1,10,65,478
				Grand Total ...	1,62,72,400	5,86,876	1,68,59,276

N.B.—Construction Estimate closed on 31st March 1893—vide Government Resolution No. 1763, dated 18th November 1895. Completion Report approved in Government Resolution No. 438, dated 17th February 1902.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1908-1909.

## 49.—IRRIGATION WORKS.

## EASTERN NA'RA WORKS.

## CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ...	81,18,012		Net revenue realized to end of 1908-1909 ...	1,06,83,548	
Interest charges for the year 1909-1910 ...	2,19,444		Do. during 1909-1910 ...	3,81,980	
				1,10,65,478	
			Balance net Interest charges ...	—27,28,022	
Total ...	83,37,455		Total ...	83,37,456	

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	Rs. 2,669	Rs. ....	Rs. 2,669
2. Leave and Pension Allowances ...	2,24,135	1,867	2,26,002
Total ...	2,26,804	1,867	2,28,671
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	2	....	2
2. Leave and Pension Allowances ...	1,87,815	5,788	1,93,603
Total ...	1,87,817	5,788	1,93,605

## No. 6.—Statement Comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.	
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.			
<b>DIRECT CHARGES.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works ...	48,30,172	3,35,944	51,66,116	13,564	11,600	—1,964	51,79,680	Rs. 27,884 600 28,484  Government of India's No. 744-I. of 9th July 1909 Com- municated in G. R. No. 1972 of 14th August 1909 ... Government Resolution No. 1018 of 26th April 1910 ...	
Establishment ...	11,84,114	1,09,588	12,93,702	6,645	14,284	7,639	13,00,347		
Tools and Plant ...	50,880	17,281	68,161	356	600	244	68,517		
Total ...	60,65,166	4,62,813	65,27,979	20,565	26,484	5,919	65,48,544		
Less—Receipts on Capital Account.	179	—3	176	...	...	...	176		
Net Total ...	60,64,987	4,62,816	65,27,803	20,565	26,484	5,919	65,48,368		
<b>INDIRECT CHARGES.</b>									
Capitalized abatement of Land Revenue ...	2,669	....	2,669	...	...	...	2,669		
Leave and Pension Allowances ...	2,09,728	15,343	2,25,071	931	2,000	1,069	2,26,002		
Total ...	2,12,397	15,343	2,27,740	931	2,000	1,069	2,28,671		
Grand Total ...	62,77,384	4,78,159	67,55,543	21,496	28,484	6,988	67,77,039		

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

JÁMRÁO CANAL,  
CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated, (Construction estimate closed on 31st March 1902).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<b>(1)—Head Works.</b>					
A. Preliminary Expenses ... ..	1,740	...	1,740	1,740	1,740
C. Works ... ..	13,72,526	...	13,72,526	13,72,526	13,72,526
K. Buildings ... ..	36,480	...	36,480	36,480	36,480
O. Miscellaneous ... ..	30,342	...	30,342	30,342	30,342
P. Maintenance ... ..	11,046	...	11,046	11,046	11,046
<b>Total, Head Works ... ..</b>	<b>14,52,134</b>	<b>...</b>	<b>14,52,134</b>	<b>14,52,134</b>	<b>14,52,134</b>
<b>(2)—Main Canals and Branches.</b>					
A. Preliminary Expenses ... ..	32,466	...	32,466	32,466	32,466
B. Land ... ..	25,269	...	25,269	25,269	25,269
D. Regulators ... ..	3,08,274	25,128	3,33,402	3,71,418	3,03,238
E. Falls and Weirs ... ..	85,625	...	85,625	85,625	85,625
F (1). Other Cross Drainage Works ... ..	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges ... ..	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes ... ..	44,222	...	44,222	44,222	44,222
K. Buildings ... ..	3,16,038	...	3,16,038	3,16,038	3,16,038
L. Earthwork ... ..	25,26,346	...	25,26,346	25,26,346	25,26,346
M. Plantations ... ..	45,869	...	45,869	45,869	45,869
O. Miscellaneous ... ..	57,290	...	57,290	57,290	57,290
P. Maintenance ... ..	26,088	...	26,088	26,088	26,088
<b>Total, Main Canals and Branches ... ..</b>	<b>38,22,556</b>	<b>25,128</b>	<b>38,47,684</b>	<b>38,85,695</b>	<b>38,17,520</b>
<b>Carried over ... ..</b>	<b>52,74,890</b>	<b>25,128</b>	<b>52,99,818</b>	<b>53,37,829</b>	<b>52,69,654</b>



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## JA'MBA'O CANAL.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1903-1910.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1902).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
Brought forward ...	Rs. 52,74,690	Rs. 25,128	Rs. 52,99,818	Rs. 53,37,329	Rs. 52,69,654
<b>(3)—Distributaries.</b>					
A. Preliminary Expenses ...	9,165	...	9,165	9,165	9,165
B. Land ...	3,244	...	3,244	3,244	3,244
C. Works ...	3,17,427	750	3,18,177	3,38,056	3,17,427
L. Earthwork ...	5,56,620	46,577	6,03,197	6,03,349	5,18,106
O. Miscellaneous ...	1,90,279	—26,995	1,63,284	1,63,284	1,63,284
P. Maintenance ...	10,041	...	10,041	10,041	10,041
Total, Distributaries ...	10,86,776	20,332	11,07,108	11,27,133	10,21,267
<b>(4)—Drainage and Protective Works.</b>					
A. Preliminary Expenses ...	363	...	363	363	363
C. Works ...	22,397	1,427	23,824	24,059	10,271
L. Earthwork ...	19,512	11,516	31,028	31,864	16,397
O. Miscellaneous ...	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	51,406	12,943	64,349	65,420	36,165
Total, I.—Works ...	64,12,872	53,403	64,71,275	65,30,382	63,27,086
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	3,12,356	4,270	3,16,626	} 13,81,679	} 8,09,417
3. Executive ...	10,18,686	15,372	10,34,058		
4. Medical ...	8,453	...	8,453		
5. Special Survey ...	8,947	...	8,947		
Total, Establishment ...	13,48,442	19,642	13,68,084	13,81,679	13,34,921
III.—TOOLS AND PLANT ...	1,68,874	1,281	1,70,155	1,71,042	1,67,992
IV.—SUBSENSE ACCOUNTS ...	4,606	...	4,606	4,606	4,606
Grand Total ...	79,34,794	79,326	80,14,120	80,87,709	78,34,605
V.—Less—Receipts on Capital Account ...	981	...	981	981	981
Net Outlay ...	79,33,813	79,326	80,13,139	80,86,728	78,33,624
<b>APPORTIONMENT.</b>					
Chargeable to 49.—Irrigation ...	79,33,813	79,326	80,13,139	80,86,728	78,33,624

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,54,117	1,245	4,55,362	2. Main Canals and Branches ...	4,718	486	5,204
3. Sales of water ...	80	5	85	3. Distributaries ...	1,782	2,590	4,372
5. Plantations ...	2,012	145	2,157	Total ...	6,500	3,076	9,576
6. Other canal produce ...	15,175	638	15,813				
7. Water-power ...	13	...	13	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of buildings ...	6,133	784	6,867	1. Head Works ...	32,968	4,271	37,234
10. Fines ...	43,742	14,639	63,381	2. Main Canals and Branches ...	6,19,520	74,661	6,94,181
11. Miscellaneous Receipts ...	16,222	2,832	19,054	3. Distributaries ...	5,74,380	58,304	6,32,684
Total ...	5,42,494	20,238	5,62,732	4. Drainage and Protective Works ...	1,024	...	1,024
				Total ...	12,27,887	1,87,236	18,65,123
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	47,32,779	5,35,784	52,68,563	1 & 2. Direction and Accounts ...	74,525	8,488	83,013
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 58 and 58-A.L., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,92,039	38,372	2,30,411	3. Executive ...	8,00,257	1,19,866	9,20,123
Total ...	49,24,818	5,74,156	54,98,974	Total ...	8,74,782	1,28,354	10,03,136
Total Receipts ...	54,67,312	5,94,394	60,61,706	<b>V.—TOOLS AND PLANT ...</b>	26,096	2,447	28,543
				Suspense Accounts ...	24,101	-342	23,759
				Total ...	21,59,366	2,70,771	24,30,137
<i>Notes.</i> —Loss to the canal on account of difference between assessment of water rates on Jāgīr lands and assessment at the ordinary rates in force for Government lands, noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	1,57,495	16,527	1,74,022
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,22,470	17,970	1,40,440
				Total Charges ...	24,59,331	3,05,268	27,44,599
To end of 1908-1909. 1,05,070 Less for 1909-1910... 8,282				Balance Net Revenue ...	30,27,981	2,89,126	33,17,107
Total ... 1,13,352				Grand Total...	54,67,312	5,94,394	60,61,706
Grand Total ...	54,67,312	5,94,394	60,61,706				

N. B.—Construction Estimate closed on 31st March 1902—vide Government Resolution No. 1796, dated 28th August 1901  
Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

JAMRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ..	33,04,590		Net revenue realized to end of 1908-1909 ...	30,27,981	
Interest charges for the year 1909-1910 ...	2,67,749		Do. during 1908-1910 ...	2,89,126	
			Balance net Interest charges ...	33,17,107	
Total ...	35,72,339		Total ...	2,55,232	
				35,72,339	

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.			Previous.	1909-1910.	Total.
			Rs.	Rs.	Rs.
<b>CAPITAL—</b>					
1. Capitalized abatement of Land Revenue ...	...	...	39,613	.....	39,613
2. Leave and Pension Allowances ...	...	...	1,88,781	2,750	1,91,531
			Total ...	2,750	2,81,144
<b>REVENUE—</b>					
2. Leave and Pension Allowances ...	...	...	1,22,470	17,970	1,40,440

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	64,74,083	-146,947	63,27,086	1,44,189	2,03,296	59,107	64,71,275	
Establishment ...	11,51,054	1,83,867	13,34,921	53,163	46,758	13,595	13,68,084	
Tools and Plant ...	1,81,762	-13,770	1,67,992	2,161	3,050	887	1,70,155	
Suspense Accounts ...	53	4,553	4,606	...	...	...	4,606	
Total ...	78,06,902	27,703	78,34,605	1,79,515	2,53,104	73,589	80,14,126	
Less—Receipts on Capital Account ...	981	...	981	...	...	...	981	
Net Total ...	78,05,921	27,703	78,33,624	1,79,515	2,53,104	73,589	80,13,133	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	35,896	3,717	39,613	...	...	...	39,613	
Leave and Pension Allowances ...	1,61,148	25,741	1,86,889	4,642	6,546	1,904	1,91,531	
Total ...	1,97,044	29,458	2,26,502	4,642	6,546	1,904	2,31,144	
Grand Total ...	80,02,965	57,161	80,60,126	1,84,157	2,59,650	75,493	82,44,283	

Government of India's No. 1989 of 22nd September 1903, vide Government Resolution No. 2708 of 17th October 1903 ...  
 Estimate originally sanctioned in Government of India's No. 1649 of 4th August 1903, vide Government Resolution No. 2264 of 27th August 1903, against which a Revised Estimate sanctioned by Bombay Government in Government Resolution No. 214 of 4th February 1909.  
 Estimate originally sanctioned in Government of India's No. 2284 of 12th December 1903, against which a Revised Estimate sanctioned by Bombay Government in Government Resolution No. 41 of 24th January 1909, against which a Revised Estimate sanctioned by Bombay Government in Government Resolution No. 1823 of 30th May 1909, which has since been revised as per Government Resolution No. 2088 of 22nd September 1910 ...

## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated. (Construction estimated closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1909-10.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<i>(2)—Main Canals and Branches.</i>					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land ...	38,294	64	38,358	48,253	38,169
D. Regulators ...	1,97,202	.. ..	1,97,202	1,97,202	1,97,202
G. Bridges ...	91,352	.....	91,352	91,709	90,332
H. Escapes ...	13,077	.....	13,077	13,077	13,077
K. Buildings ...	85,898	.....	85,898	87,021	85,898
L. Earth-work ...	13,70,912	1,172	13,72,084	14,26,478	13,63,982
O. Miscellaneous ...	6,188	.....	6,188	7,969	6,977
Total, Main Canals and Branches ...	18,07,057	1,236	18,08,293	18,75,813	17,98,671
<i>(3)—Distributaries.</i>					
B. Land ...	20	.....	20	1,200	.....
C. Works ...	37,908	9,614	47,517	2,25,762	21,497
L. Earth-work ...	24,564	.....	24,564	25,694	19,764
O. Miscellaneous ...	33,644	—7,179	26,465	49,578	48,834
Total, Distributaries ...	96,131	2,435	98,566	3,02,234	89,095
<i>(4)—Drainage and Protective Works.</i>					
B. Land ...	.....	.....	...	694	.....
L. Earth-works ...	14,590	.....	14,590	15,187	14,228
O. Miscellaneous ...	55	.....	55	1,490	55
Total, Drainage and Protective Works.	14,645	.....	14,645	17,371	14,283
Total, I.—Works ...	19,17,833	3,671	19,21,504	21,95,448	19,02,049
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	98,912	539	94,451	} 3,81,942	} 92,368
3. Executive ...	2,17,683	1,941	2,19,624		
5. Special Survey ...	12,721	.....	12,721		
Total, Establishment ...	3,24,316	2,480	3,26,796	3,81,942	3,17,215
III.—TOOLS AND PLANT ...	16,150	.....	16,150	20,107	16,579
Grand Total ...	22,58,299	6,151	22,64,450	25,97,497	22,35,848
V.—Less—Receipts on Capital Account.	34	.....	34	34	34
Net Outlay ...	22,58,265	6,151	22,64,416	25,97,463	22,35,809
<b>APPORTIONMENT.</b>					
Chargeable to 49.—Irrigation ...	22,58,265	6,151	22,64,416	25,97,463	22,35,809

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## DA'D CANAL.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	640	1,601	2,241	2. Main Canals and Branches ...	375	1,020	1,395
5. Plantations ...	2,314	651	2,965	Average expenditure before improvements...	—40,047	—4,603	—44,655
6. Other canal produce ...	359	163	522	Total ...	—39,672	—3,588	—43,260
9. Rents of buildings ...	15	2	17	<b>II.—MAINTENANCE AND REPAIRS.</b>			
10. Fines ...	2,614	687	3,301	2. Main Canals and Branches ...	4,60,948	40,858	5,01,806
11. Miscellaneous Receipts ...	2,855	1,535	4,390	<b>IV.—ESTABLISHMENT.</b>			
Total ...	8,797	4,639	13,436	1 & 2. Direction and Accounts ...	21,209	2,542	23,751
<b>II.—INDIRECT RECEIPTS.</b>				3. Executive ...	71,465	7,643	79,108
Irrigation share of Land Revenue collected in the Civil Department ...	6,76,197	1,81,175	8,57,372	Total ...	92,674	10,185	1,02,859
<sup>4</sup> per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A. L., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	30,204	5,623	35,827	<b>V.—TOOLS AND PLANT...</b>	5,121	272	5,393
Total ...	7,06,401	1,86,798	8,93,199	<b>VI.—REFUNDS OF REVENUE ...</b>	112	—5	107
Total, Receipts ...	7,15,198	1,91,437	9,06,635	Total ...	5,19,183	47,722	5,66,905
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	19,325	10,994	30,319
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	12,973	1,426	14,399
To end of 1908-1909. 1,51,465				Total, Charges ...	5,51,981	60,142	6,12,123
Loss for 1909-1910 ... 21,145				Balance Net Revenue ...	1,63,217	1,31,295	2,94,512
Total ... 1,72,610				Grand Total ...	7,15,198	1,91,437	9,06,635
Grand Total ...	7,15,198	1,91,437	9,06,635				

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

DA'D CANAL.  
CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Net revenue realized to end of 1908-1909 Do. during 1909-1910	Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ...	7,39,390		...	1,63,217	
Interest charges for the year 1909-1910 ...	75,936		...	1,31,295	
Total ...	8,15,326		Balance net Interest charges ...	2,94,512	
			Total ...	5,20,814	
				8,15,326	

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.			Previous.	1909-1910.	Total.
			Rs.	Rs.	Rs.
<b>CAPITAL—</b>					
1. Capitalized abatement of Land Revenue ...	...	...	40,428	.....	40,428
2. Leave and Pension Allowances ...	...	...	45,404	347	45,751
		Total ...	85,832	347	86,179
<b>REVENUE—</b>					
2. Leave and Pension Allowances ...	...	...	12,973	1,426	14,399

## No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.	
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<b>DIRECT CHARGES.</b>									
Works ...	18,99,648	2,401	19,02,049	19,455	2,93,399	2,73,944	19,21,504	Government of India No. 184-I of 11th March 1910, communicated in Government Resolution No. 1054 of 30th April 1910 Rs. 3,76,573.	
Establishment ...	3,16,663	552	3,17,215	9,581	64,727	55,146	3,26,796		
Tools and Plant ...	16,579	...	16,579	—429	3,528	3,957	16,150		
Total ...	22,32,890	2,953	22,35,843	23,607	3,61,654	3,33,047	22,64,450		
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34		
Net Total ...	22,32,856	2,953	22,35,809	23,607	3,61,654	3,33,047	22,64,416		
<b>INDIRECT CHARGES.</b>									
Capitalized abatement of Land Revenue ...	40,168	...	40,168	260	5,957	5,597	40,428		
Leave and Pension Allowances ...	44,333	77	44,410	1,341	9,062	7,721	45,751		
Total ...	84,501	77	84,578	1,601	14,919	13,318	86,179		
Grand Total ...	23,17,357	3,030	23,20,387	30,208	3,76,573	3,46,365	23,50,595		

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## NASRAT CANAL.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
<b>(2)—Main Canals and Branches.</b>					
A. Preliminary Expenses ... ..	1,653	...	1,653	1,653	1,653
B. Land ... ..	39,423	...	39,423	41,862	32,647
D. Regulators ... ..	1,76,168	...	1,76,168	1,76,173	1,74,310
G. Bridges ... ..	66,877	...	66,877	68,032	64,280
K. Buildings ... ..	67,859	1,090	68,949	69,573	61,128
L. Earth-work ... ..	9,70,084	1,323	9,71,407	9,72,948	9,67,108
O. Miscellaneous ... ..	3,785	...	3,785	4,787	3,527
<b>Total, Main Canals and Branches ...</b>	<b>13,25,799</b>	<b>2,413</b>	<b>13,28,212</b>	<b>13,85,028</b>	<b>13,04,553</b>
<b>(3)—Distributaries.</b>					
B. Land ... ..	566	...	566	4,241	...
C. Works ... ..	86,695	11,305	97,900	1,57,871	46,562
L. Earth-work ... ..	73,188	...	73,188	73,188	72,522
O. Miscellaneous ... ..	77,806	—23,476	54,330	1,52,835	1,50,735
<b>Total, Distributaries ...</b>	<b>2,38,155</b>	<b>—12,171</b>	<b>2,25,984</b>	<b>3,88,135</b>	<b>2,69,819</b>
<b>(4)—Drainage and Protective Works.</b>					
L. Earth-work ... ..	4,398	...	4,398	4,879	4,398
O. Miscellaneous ... ..	129	...	129	408	129
<b>Total, Drainage and Protective Works ...</b>	<b>4,527</b>	<b>...</b>	<b>4,527</b>	<b>5,287</b>	<b>4,527</b>
<b>Total, I.—Works ...</b>	<b>15,68,481</b>	<b>—9,758</b>	<b>15,58,723</b>	<b>17,28,450</b>	<b>15,78,899</b>
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	72,568	686	73,254	2,54,528	69,774 1,52,682 1,263
3. Executive ... ..	1,62,738	2,471	1,65,209		
5. Special Survey ... ..	1,263	...	1,263		
<b>Total, Establishment ...</b>	<b>2,36,569</b>	<b>3,157</b>	<b>2,39,726</b>	<b>2,54,528</b>	<b>2,23,719</b>
<b>III.—TOOLS AND PLANT ... ..</b>	<b>5,908</b>	<b>183</b>	<b>6,091</b>	<b>7,080</b>	<b>5,046</b>
<b>Grand Total ...</b>	<b>18,10,958</b>	<b>—6,418</b>	<b>18,04,540</b>	<b>19,90,058</b>	<b>18,07,664</b>
<b>V.—Less—Receipts on Capital Account ...</b>	<b>158</b>	<b>...</b>	<b>158</b>	<b>158</b>	<b>158</b>
<b>Net Outlay ...</b>	<b>18,10,800</b>	<b>—6,418</b>	<b>18,04,382</b>	<b>19,89,900</b>	<b>18,07,506</b>
<b>APPORTIONMENT.</b>					
<b>Chargeable to 49.—Irrigation ...</b>	<b>18,10,800</b>	<b>—6,418</b>	<b>18,04,382</b>	<b>19,89,900</b>	<b>18,07,506</b>

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## NASEAT CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
1. Water-rates from Irrigation ...	898	—518	380	2. Main Canals and Branches ...	358	836	1,194
3. Sales of water ...	6	...	6	<b>II.—MAINTENANCE AND REPAIRS.</b>			
5. Plantations ...	1,065	186	1,251	2. Main Canals and Branches ...	1,97,204	41,048	2,38,247
6. Other canal produce ...	327	83	410	<b>IV.—ESTABLISHMENT.</b>			
9. Rents of buildings.	10	...	10	1 & 2. Direction and Accounts ...	15,788	2,929	18,717
10. Fines ...	1,657	789	2,446	3. Executive ...	32,752	8,347	41,039
11. Miscellaneous Receipts ...	—966	544	—422	<b>Total ...</b>	<b>48,540</b>	<b>11,276</b>	<b>59,816</b>
<b>Total ...</b>	<b>2,997</b>	<b>1,084</b>	<b>4,081</b>	<b>V.—TOOLS AND PLANT ...</b>	<b>2,593</b>	<b>363</b>	<b>2,956</b>
<b>II.—INDIRECT RECEIPTS.</b>				<b>Total ...</b>	<b>2,48,695</b>	<b>53,518</b>	<b>3,02,213</b>
Irrigation share of Land Revenue collected in the Civil Department ...	7,53,926	1,86,024	9,39,950	Share of Collection Charges in the Civil Department ...	44,586	11,182	55,718
4 per cent on 9/10th of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A. I., dated, respectively, 20th June and 1st August 1888, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	20,602	7,723	28,325	Indirect charges debitable to Revenue Account as per Account No. 5 ...	6,796	1,579	8,375
<b>Total ...</b>	<b>7,74,528</b>	<b>1,93,747</b>	<b>9,68,275</b>	<b>Total, Charges ...</b>	<b>3,00,027</b>	<b>66,279</b>	<b>3,66,306</b>
<b>Total, Receipts ...</b>	<b>7,77,525</b>	<b>1,94,831</b>	<b>9,72,356</b>	<b>Balance Net Revenue ...</b>	<b>4,77,498</b>	<b>1,28,552</b>	<b>6,06,050</b>
<i>NOTE.—Loss to the canal on account of difference between assessment of water rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.</i>				<b>Grand Total ...</b>	<b>7,77,525</b>	<b>1,94,831</b>	<b>9,72,356</b>
Rs. To end of 1908-1909 ... 11,761 Loss for 1909-1910 ... 1,256 <b>Total ... 13,017</b>							
<b>Grand Total ...</b>	<b>7,77,525</b>	<b>1,94,831</b>	<b>9,72,356</b>				

N. B.—Construction Estimate closed on 31st March 1907—vide Government Resolution No. 2191, dated 17th August 1908.  
Completion Report approved in Government Resolution No. 1054, dated 30th April 1910.



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

NASRAT CANAL.  
CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ...	4,18,195		Net revenue realized to end of 1908-1909 ...	4,77,498	
			Do. during 1909-1910 ...	1,28,552	
Interest charges for the year 1909-1910 ...	60,699			6,06,050	
Total ...	4,78,894		Balance net Interest charges ...	1,37,156	
			Total ...	4,78,894	

## No. 5.—Account of Indirect Charges for, and to end of 1909-1910.

Particulars	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	21,985	...	21,985
2. Leave and Pension Allowances ...	33,119	442	33,561
Total ...	55,104	442	55,546
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	6,796	1,579	8,375

## No. 6.—Statement Comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.	
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.			
<b>DIRECT CHARGES.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works ...	15,71,638	7,261	15,78,899	20,176	1,49,551	1,69,727	15,58,723.	Government of India's No. 1841 of 11th March 1910, communicated in Government Resolution No. 1064 of 30th April 1910—No. 2112207.	
Establishment ...	2,23,469	250	2,23,719	16,007	30,809	14,802	2,39,726.		
Tools and Plant ...	5,046	...	5,046	1,045	2,034	989	6,091.		
Total ...	18,00,153	7,511	18,07,664	3,124	1,82,394	1,85,518	18,04,540		
Less—Receipts on Capital Account ...	158	...	158	...	...	...	158		
Net Total ...	17,99,995	7,511	18,07,506	3,124	1,82,394	1,85,518	18,04,382		
<b>INDIRECT CHARGES.</b>									
Capitalized abatement of Land Revenue ...	15,098	...	15,098	6,887	25,590	18,708	21,985		
Leave and Pension Allowances ...	31,285	35	31,320	2,241	4,313	2,072	33,561		
Total ...	46,383	35	46,418	9,128	29,903	20,775	55,546		
Grand Total ...	18,46,378	7,546	18,53,924	6,004	2,12,297	2,06,293	18,59,928		

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## NAULA'KHI CANAL.

## CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ...	1,041	Net revenue realized to end of 1908-1909 ...	...
		Do. during 1909-1910 ...	...
Interest charges for the year 1909-1910 ...	172		...
		Balance net Interest charges ...	1,213
Total ...	1,213	Total ...	1,213

## No. 6.—Statement Comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	...	...	...	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 51—P. W., dated 5th December 1895, communicated in Government of India No. 5—1, dated 14th January 1896, vide Government Resolution No. 1—W. I.—145, dated 30th idem. Sanction received up to December 1910, vide Government of India's No. 312—1, dated 5th July 1906, communicated in Government Resolution No. 1968, dated 30th July 1906.
Establishment ...	...	...	...	236	2,31,493	2,31,257	236	
Tools and Plant ...	...	...	...	...	14,423	14,423	...	
Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	...	...	...	...	12,470	12,470	...	
Leave and Pension Allowances ...	...	...	...	33	32,149	32,116	33	
Total ...	...	...	...	33	44,619	44,586	33	
Grand Total ...	...	...	...	5,145	12,62,554	12,57,409	5,145	

N. B.—Last capital account detailed in the administrative accounts for 1908-1904.

**IRRIGATION BRANCH. BOMBAY PRESIDENCY.**

**PUBLIC WORKS DEPARTMENT.**

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

**49.—IRRIGATION WORKS.**

**HATHMATI AND KHARI OUT CANALS.**

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1898)	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses ...	2,620	...	2,687	2,687	2,687
	(b) 67				
B. Land ...	(b) 30,671	247	30,918	1,278	1,278
C. Works ...	1,42,144	1,974	2,19,660	1,38,128	1,38,128
	(b) 75,542				
K. Buildings ...	8,466	...	8,466	8,466	8,466
O. Miscellaneous ...	(b) 6,702	...	6,702	758	758
P. Maintenance ...	8,688	...	14,686	14,686	14,686
	(b) 6,003				
<b>Total, Head Works ...</b>	<b>2,80,898</b>	<b>2,221</b>	<b>2,83,119</b>	<b>1,66,003</b>	<b>1,66,003</b>
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	(b) —696	...	1,980	1,980	1,980
	2,626				
B. Land ...	(b) —40,898	268	34,398	31,421	7,421
	48,319				
D. Regulators ...	(a) 26,709	2,880	27,446	25,066	25,066
	24,501				
	(b) 565				
E. Falls and Weirs ...	22,329	...	22,329	22,329	22,329
F. River and Hill torrent works ...	23,249	...	21,149	21,149	21,149
	(b) —2,100				
F (1). Other Cross Drainage Works.	8,827	...	.....	.....	.....
	(b) —8,827				
G. Bridges ...	45,711	2,017	38,072	32,180	32,180
	(b) —9,656				
H. Escapes ...	.....	...	2,100	2,100	2,100
	(b) 2,100				
K. Buildings ...	1,694	...	1,694	1,694	1,694
L. Earthwork ...	3,81,829	90	3,11,029	1,97,272	1,63,904
	(b) —70,890				
M. Plantations ...	1,996	...	1,996	1,996	1,996
N. Tanks and Reservoirs... ..	13,768	...	79,537	51,269	37,679
	(b) 65,774				
O. Miscellaneous ...	9,286	3,814	4,246	22,340	422
	(b) —8,854				
P. Maintenance ...	11,025	...	11,025	11,025	11,025
<b>Total, Main Canals and Branches ...</b>	<b>5,48,382</b>	<b>8,569</b>	<b>5,56,951</b>	<b>4,21,721</b>	<b>3,28,855</b>
Carried over ...	8,29,280	10,790	8,40,070	5,87,724	4,94,858

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT,  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## HATHMATI AND KHARI CUT CANALS.

## CANAL PROJECT.

## No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account,	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1909).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	8,29,280	10,790	8,40,070	5,67,724	4,94,858
(3)—Distributaries.					
A. Preliminary Expenses... ..	1,340	...	1,340	1,340	1,340
B. Land ... ..	5,299	...	1,689	1,689	1,689
	(b)—3,660	...			
C. Works ... ..	29,764	906	12,624	11,717	11,717
	(b)—18,046	...			
L. Earth-work ... ..	46,258	...	22,441	22,441	22,441
	(b)—23,797	...			
O. Miscellaneous ... ..	2,283	...	2,283	2,283	2,283
Total, Distributaries ...	39,421	906	40,327	39,420	39,420
(4)—Drainage and Protective Works.					
B. Land ... ..	177	...	177	177	177
L. Earthwork ... ..	1,841	...	1,841	1,841	1,841
Total, Drainage and Protective Works.	2,018	...	2,018	2,018	2,018
Total, I.—Works ...	8,70,719	11,696	8,82,415	6,29,162	5,36,296
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	35,500	550	36,050	25,344	22,013
3. Executive ... ..	1,61,464	1,979	1,63,443	1,25,359	1,13,368
Total, Establishment ...	1,96,964	2,529	1,99,493	1,50,703	1,35,381
III.—TOOLS AND PLANT ...	11,352	165	11,517	12,192	11,193
Grand Total ...	10,79,035	14,390	10,93,425	7,92,057	6,82,870
V.—Less—Receipts on Capital Account ... ..	1,469	...	1,469	1,469	1,469
Net Outlay ...	10,77,566	14,390	10,91,956	7,90,588	6,81,401
APPORTIONMENT.					
Chargeable to 49.—Irrigation ...	4,90,925	...	4,90,925	4,90,925	4,90,925
Chargeable to 43.—Minor Works and Navigation ... ..	5,61,488	14,390	5,75,878	2,74,505	1,65,318
Chargeable to 45.—Civil, Provincial ...	1,486	...	1,486	1,486	1,486
Chargeable to 45.—Local Fund ...	23,672	...	23,672	23,672	23,672
Total ...	10,77,566	14,390	10,91,956	7,90,588	6,81,401

(a) Rs. 23,709 were written back from the Capital Account of the Khari Cut Canal during 1908-09 to "Works for which neither Capital nor Revenue accounts are kept" now re-adjusted to the debit of the Capital account, vide Accountant General, Public Works Department, No. 2-I, dated 5th March 1910.

(b) Adjusted to accord with the classification adopted in the combined project submitted to Government of India with Bombay, Government No. W. L.—1847 of 28th July 1909.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## HATHMATI AND KHARI CUT CANALS.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,86,998	77,551	4,64,549	1. Head Works ...	2,575	869	3,444
3. Sales of water ...	965	2	967	2. Main Canals and Branches ...	11,112	...	11,112
4. Water-supply of towns ...	816	211	1,027	3. Distributaries ...	1,089	...	1,089
5. Plantations ...	...	24	...	Total ...	14,776	869	15,645
6. Other Canal Produce ...	32,193	1,929	34,146	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...	19	...	19	1. Head Works ...	31,901	6,116	38,017
10. Fines ...	59	3	62	2. Main Canals and Branches ...	1,94,471	8,669	2,03,140
11. Miscellaneous Receipts ...	11,404	1,415	12,819	3. Distributaries ...	42,040	5,164	47,204
Total ...	4,32,454	81,185	5,13,589	4. Drainage and Protective Works... ..	4,402	...	4,402
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	2,72,814	19,949	2,92,763
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	<b>III.—COMPENSATION</b> ...	3,615	...	3,615
Total, Receipts ...	4,32,454	81,185	5,13,589	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ... ..	12,958	1,039	13,992
				3. Executive ... ..	1,25,659	8,572	1,34,231
				Total ...	1,38,612	9,611	1,48,223
				<b>V.—TOOLS AND PLANT</b> ...	3,687	354	4,041
				<b>PROFIT AND LOSS</b> ...	186	...	186
				<b>VI.—REFUNDS OF REVENUE</b> ... ..	2,620	33	2,653
				Total ...	4,86,810	30,816	4,67,126
				Share of Collection Charges in the Civil Department ... ..	19,335	3,878	23,213
				Indirect Charges debitable to Revenue Account as per Account No. 5 ... ..	21,267	1,349	22,616
				Total, Charges ...	4,76,912	36,043	5,12,955
				Balance Net Revenue ...	44,458	45,092	634
Grand Total ...	4,32,454	81,185	5,13,589	Grand Total ...	4,32,454	81,185	5,13,589

N.B.—Construction Estimate of the Hathmati Canal closed in 1883-84 and that of the Khari Cut Canal closed on 31st March 1893, *vide* Government Resolution No. 1411 of 12th September 1893, *vide* also Government Resolution No. 2902 of 10th December 1909. Completion Report of the Khari Cut Canal approved in Government Resolution No. 688 of 16th April 1894.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## HA THMATI AND KHARI CUT CANALS.

## CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909.	6,99,993	Net revenue realized to end of 1908-1909.	—44,458
		Do. during 1909-1910.	45,092
Interest charges for the year 1909-1910.	36,426	Balance net Interest charges	634
Total	7,36,419	Total	7,36,419

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910:

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	1,4630	236	33,565
2. Leave and Pension Allowances ...	18,699*		
	34,581	354	34,935
Total	67,910	590	68,500
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	226	3	229
2. Leave and Pension Allowances ...	21,041	1,346	22,387
Total	21,267	1,349	22,616

\* Readjusted, vide remark (a) at foot of the account No. 2.

## No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.	
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<b>DIRECT CHARGES.</b>									
Works ...	5,16,849	19,447	5,36,296	3,46,119	92,866	—2,53,253	8,82,415	Government Resolution No. 270, of 3rd February 1909, Ea. 1,83,882.	
Establishment ...	1,31,390	3,991	1,35,381	64,112	15,322	—48,790	1,99,493		
Tools and Plant ...	11,193	...	11,193	324	999	675	11,517		
Suspense Accounts ...	—28	28	...	...	...	...	...		
Total ...	6,59,404	23,466	6,82,870	4,10,555	1,09,187	—3,01,368	10,95,425		
Less—Receipts on Capital Account ...	1,469	...	1,469	...	...	...	1,469	NOTE.—Sanction of Bombay Government to the expenditure incurred to end of 1908-09, vide Government of India's No. 2079 of 30th October 1909 embodied in Government Resolution No. 2902 of 10th December 1909 is awaited and that of the Government of India to the subsequent outlay in the combined project.	
Net Total ...	6,57,935	23,466	6,81,401	4,10,555	1,09,187	—3,01,368	10,91,956		
<b>INDIRECT CHARGES.</b>									
Capitalized abatement of Land Revenue ...	13,433	...	13,433	20,132	22,500	2,368	33,565		
Leave and Pension Allowances ...	25,401	559	25,960	8,975	2,145	—6,830	34,935		
Total ...	38,834	559	39,393	29,107	24,645	—4,462	68,500		
Grand Total ...	6,96,769	24,025	7,20,794	4,39,662	1,33,832	—3,05,830	11,60,456		

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## LOWER PĀNJHĀ RIVER WORKS.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	3,01,776	7,489	3,09,215	1. Head Works ...	1,376	...	1,376
3. Sales of water ...	440	...	440	2. Main Canals and Branches ...	7,103	...	7,103
5. Plantations ...	9,440	61	10,130	3. Distributaries ...	6,886	1,853	8,239
6. Other Canal Produce ...		629			Total ...	14,865	1,853
9. Rents of Buildings.	20	...	20	<b>II.—MAINTENANCE AND REPAIRS.</b>			
11. Miscellaneous Receipts ...	4,802	2	4,804	1. Head Works ...	25,866	670	26,036
Total ...	3,16,478	8,131	3,24,609	2. Main Canals and Branches ...	4,819	...	4,619
				3. Distributaries ...	64,619	2,293	66,912
<b>II.—INDIRECT RECEIPTS.</b>				4. Drainage and Protective Works ...	2,728	...	2,728
Irrigation share of Land Revenue collected in the Civil Department	1,82,854	3,248	1,86,112	Total ...	97,332	2,963	1,00,295
Total, Receipts ...	4,99,342	11,379	5,10,721	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	7,636	240	7,926
				3. Executive ...	73,972	1,718	75,690
				Total ...	81,658	1,958	83,616
				<b>V.—TOOLS AND PLANT ...</b>	1,919	72	1,991
				<b>PROFIT AND LOSS ...</b>	19	...	19
				<b>VI.—REFUNDS OF REVENUE ...</b>	3,666	8	3,674
				Contributions ...	140	...	140
				Total ...	1,99,599	6,854	2,06,453
				Share of Collection Charges in the Civil Department ...	43,606	1,081	44,637
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	11,915	274	12,189
				Total, Charges ...	2,55,120	8,159	2,63,279
				Balance Net Revenue ...	2,44,222	3,220	2,47,442
<b>Grand Total ...</b>	<b>4,99,342</b>	<b>11,379</b>	<b>5,10,721</b>	<b>Grand Total ...</b>	<b>4,99,342</b>	<b>11,379</b>	<b>5,10,721</b>

N.B.—Last Capital Account detailed in the Administrative Accounts for 1898-99.

Construction Estimate closed on 31st March 1896,—vide G. R. No. 148, dated 31st January 1896.

Completion Report approved in Government Resolution No. 1392, dated 3rd October 1896.

## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
 ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
 49.—IRRIGATION WORKS.  
 LOWER PÁNJRHA RIVER WORKS.  
 TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ... ..	6,59,986	Net revenue realized to end of 1908-1909 . Do. during 1909-1910 ...	2,44,222 3,220
Interest charges for the year 1909-1910.	14,956	Balance net Interest charges ... ..	2,47,442 4,27,500
Total ...	6,74,942	Total ...	6,74,942

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ... ..	61	...	61
2. Leave and Pension Allowances ... ..	11,854	274	12,128
Total ...	11,915	274	12,189



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## KA'DVA RIVER WORKS.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1908).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<b>(1)—Head Works.</b>					
A. Preliminary Expenses ...	3,681	...	3,681	3,681	3,681
B. Land ...	2,929	1,444	4,373	4,243	2,929
C. Works ...	5,88,247	...	5,88,247	5,88,301	5,78,115
K. Buildings ...	8,283	...	8,283	8,283	8,283
M. Plantations ...	820	...	820	820	820
O. Miscellaneous ...	211	...	211	211	211
P. Maintenance ...	5,653	...	5,653	5,653	5,653
Total Head Works ...	6,09,824	1,444	6,11,268	6,11,192	5,99,692
<b>(2)—Main Canals and Branches.</b>					
A. Preliminary Expenses ...	1,109	...	1,109	1,109	1,109
B. Land ...	2,719	...	2,719	2,719	2,719
D. Regulators ...	564	...	564	564	564
E. Falls and Weirs ...	435	...	435	435	435
F. River and Hill Torrent Works ...	51,899	688	52,387	52,634	50,305
G. Bridges ...	6,435	...	6,435	6,435	6,435
L. Earth-work ...	56,950	...	56,950	56,950	56,950
M. Plantations ...	1,297	...	1,297	1,297	1,297
O. Miscellaneous ...	1,508	...	1,508	1,508	1,508
P. Maintenance ...	2,899	...	2,899	2,899	2,899
Total Main Canals and Branches ...	1,25,615	688	1,26,303	1,26,550	1,24,221
<b>(3)—Distributaries.</b>					
A. Preliminary Expenses ...	*—45 498	... }	453	453	453
B. Land ...	2,075	... }	2,075	2,075	2,075
C. Works ...	7,948 *45	... }	7,993	7,993	7,993
L. Earth-work ...	11,787	... }	11,787	11,787	11,787
M. Plantations ...	66	... }	66	66	66
O. Miscellaneous ...	516	... }	516	516	516
Total Distributaries ...	22,890	...	22,890	22,890	22,890
Total, I.—Works ...	7,58,329	2,132	7,60,461	7,60,632	7,46,803
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	35,613	...	35,613	35,615	35,036
3. Executive ...	1,53,188	...	1,53,183	1,53,195	1,51,111
Total Establishment ...	1,88,801	...	1,88,801	1,88,810	1,86,147
<b>III.—TOOLS AND PLANT</b>					
Grand Total ...	9,68,806	3,011	9,71,817	9,71,118	9,53,232
V.—Less Receipts on Capital Account	140	...	140	140	140
Net Outlay ...	9,68,666	3,011	9,71,677	9,70,978	9,53,092
<i>Apportionment.</i>					
Chargeable to 49.—Irrigation ...	5,90,224	...	5,90,224	5,90,224	5,90,224
Chargeable to 43.—Minor Works and Navigation ...	3,78,442	3,011	3,81,453	3,80,754	3,62,868
Total ...	9,68,666	3,011	9,71,677	9,70,978	9,53,092

\* Erroneous classification in previous years rectified.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## KADVA RIVER WORKS.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,13,084	19,457	3,32,491	2 Main Canals and Branches ...	146	...	146
3. Sales of water ...	395	30	425				
5. Plantations ...	10,701	299	11,111	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other Canal produce ...		111					
9. Rents of Buildings.	220	...	220	1. Head Works ...	18,809	1,581	19,890
10. Fines ...	18	58	74	2. Main Canals and Branches ...	99,239	2,940	1,02,179
11. Miscellaneous Receipts ...	2,041	...	2,041	3. Distributaries ...	8,699	420	9,119
Total ...	3,26,407	19,955	3,46,362	Total ...	1,26,247	4,941	1,31,188
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	10,425	243	10,668
Enhanced Land Revenue as per Government Resolution No. 428, dated 6th August 1875..	20,193	594	20,787	3. Executive ...	1,55,493	4,002	1,59,495
Total ..	20,193	594	20,787	Total ...	1,65,918	4,245	1,70,163
Total, Receipts ...	3,46,600	20,549	3,67,149	<b>V.—TOOLS AND PLANT ...</b>	2,977	246	3,223
Carried over ...	3,46,600	20,549	3,67,149	Carried over ..	2,95,288	9,432	3,04,720

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## KA'DVA RIVER WORKS.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	3,46,600	20,549	3,67,149	Brought forward...	2,95,288	9,432	3,04,720
				VI.—REFUNDS OF REVENUE ...	208	...	208
				Total ...	2,95,491	9,432	3,04,923
				Share of Collection Charges in the Civil Department .	15,739	976	16,715
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	24,185	594	24,779
				Total, Charges ...	3,35,415	11,002	3,46,417
				Balance Net Revenue ...	11,185	9,547	20,732
Grand Total ...	3,46,600	20,549	3,67,149	Grand Total ...	3,46,600	20,549	3,67,149

N. B.—Construction Estimate closed on 31st March 1908—vide Government Resolution No. 5245, dated 25th August 1908.  
Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ...	8,45,397	Net revenue realized to end of 1908-1909. Do. during 1909-1910.	11,185 9,547
Interest charges for the year 1909-1910.	32,578	Balance net Interest charges ...	20,732 8,57,243
Total ...	8,77,975	Total ...	8,77,975

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## KA'DVA RIVER WORKS.

## CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ... ..	5,735	1,684	7,419
2. Leave and Pension Allowances ... ..	31,317	...	31,317
Total ... ..	37,052	1,684	38,736
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	24,185	594	24,779

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ... ..	7,46,803	...	7,46,803	13,658	13,829	171	7,60,461	
Establishment ... ..	1,86,147	...	1,86,147	2,654	2,663	9	1,88,801	
Tools and Plant ... ..	20,282	...	20,282	2,273	1,394	—879	22,555	
Total ... ..	9,53,232	...	9,53,232	18,585	17,886	—699	9,71,817	
Less—Receipts on Capital Account ... ..	140	...	140	...	...	...	140	
Net Total ... ..	9,53,092	...	9,53,092	18,585	17,886	*—699	9,71,677	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	5,688	...	5,688	1,731	6,100	4,369	7,419	
Leave and Pension Allowances ... ..	30,945	...	30,945	372	373	1	31,317	
Total ... ..	36,633	...	36,633	2,103	6,473	4,370	38,736	
Grand Total ... ..	9,89,725	...	9,89,725	20,688	24,359	3,671	10,10,413	

Government of India's No. 238-I of 24th March 1910, communicated in Government Resolution No. 1041 of 29th April 1910.

\* Excess approved in Government Resolution No. 1639 of 25th July 1910.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## PRAYARA RIVER WORKS—LA'KH CANAL.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	42,780	1,024	43,804	1. Head Works ...	629	...	629
3. Sales of Water ...	38	...	38	2. Main Canals and Branches ...	86	...	86
5. Plantations ...	9,002	98	9,239	<b>Total ...</b>	<b>715</b>	<b>...</b>	<b>715</b>
6. Other canal produce ...		189					
9. Rents of Buildings	49	2	51	<b>II.—MAINTENANCE AND REPAIRS.</b>			
10. Fines ...	55	24	79	1. Head Works ...	10,467	71	10,538
11. Miscellaneous Receipts...	655	41	696	2. Main Canals and Branches ...	1,21,719	2,779	1,24,498
<b>Total ...</b>	<b>52,579</b>	<b>1,328</b>	<b>53,907</b>	3. Distributaries ...	4,476	132	4,608
				<b>Total ...</b>	<b>1,36,662</b>	<b>2,982</b>	<b>1,39,644</b>
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	10,135	149	10,284
Revenue from "Galper" land treated as Land Revenue—vide Government Resolution No. 1929, dated 21st November 1893 ...	3,971	205	4,176	3. Executive ...	1,29,463	2,035	1,31,548
<b>Total ...</b>	<b>3,971</b>	<b>205</b>	<b>4,176</b>	<b>Total ...</b>	<b>1,39,598</b>	<b>2,234</b>	<b>1,41,832</b>
<b>Total, Receipts ...</b>	<b>56,550</b>	<b>1,533</b>	<b>58,083</b>	<b>V.—TOOLS AND PLANT ...</b>	<b>2,450</b>	<b>151</b>	<b>2,601</b>
<b>Carried over ...</b>	<b>56,550</b>	<b>1,533</b>	<b>58,083</b>	<b>Carried over ...</b>	<b>2,79,425</b>	<b>5,367</b>	<b>2,84,792</b>

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## PRAVARA RIVER WORKS—LAKH CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	56,550	1,533	58,083	Brought forward ...	2,79,425	5,367	2,84,792
				VI.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	2,79,541	5,367	2,84,908
				Share of Collection Charges in the Civil Department ...	2,555	74	2,629
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	21,201	313	21,514
				Total, Charges ...	3,03,297	5,754	3,09,051
				Balance Net Revenue ...	-2,46,747	-4,221	-2,50,968
Grand Total ...	56,550	1,533	58,083	Grand Total ...	56,550	1,533	58,083

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.

Construction Estimate closed on 31st March 1894—*vide* Government Resolution No. 1707, dated 2nd November 1894.

Completion Report approved in Government Resolutions No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ...	5,60,647	Net revenue realized to end of 1908-09... Do. during 1909-10...	-2,46,747 -4,221
Interest charges for the year 1909-1910.	11,835	Balance net Interest charges ...	-2,50,963 8,23,450
Total ...	5,72,482	Total ...	5,72,482

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	21,201	313	21,514

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MATOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works.</i>					
A. Preliminary Expenses ... ..	8,391	...	8,391	8,391	8,391
B. Land ... ..	3,40,236	12,941	3,53,177	3,53,177	3,53,177
C. Masonry Works ... ..	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings ... ..	17,287	...	17,287	17,287	17,287
M. Plantations ... ..	3,059	...	3,059	3,059	3,059
O. Miscellaneous ... ..	409	...	409	409	409
P. Maintenance ... ..	1,231	...	1,231	1,231	1,231
Total, Head Works ... ..	32,61,286	12,941	32,74,227	32,74,227	32,74,227
(2) <i>Main Canals and Branches.</i>					
A. Preliminary Expenses... ..	2,828	...	2,828	2,828	2,828
B. Land ... ..	1,26,843	...	1,26,843	1,26,843	1,26,843
C (a). Regulators ... ..	37,342	...	37,342	37,342	37,342
C (c). River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C (e). Bridges ... ..	1,02,670	...	1,02,670	1,02,670	1,02,670
C (f). Escapes ... ..	18,120	...	18,120	18,120	18,120
J. Mills ... ..	56,415	...	56,415	56,415	56,415
K. Buildings ... ..	10,111	...	10,111	10,111	10,111
L. Earth-work ... ..	9,52,897	18,212	9,71,109	10,03,654	9,21,643
M. Plantations ... ..	16,011	...	16,011	16,011	16,011
O. Miscellaneous ... ..	1,868	...	1,868	1,868	1,868
P. Maintenance ... ..	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,51,341	18,212	18,69,553	19,02,098	18,20,087
Carried over ... ..	51,12,627	31,153	51,43,780	51,76,325	50,94,314

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MATOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	51,12,627	31,158	51,43,780	51,76,325	50,94,314
(3) <i>Distributaries.</i>					
A. Preliminary Expenses ...	6,740	...	6,740	6,740	6,740
B. Land ... ..	5,666	...	5,666	5,666	5,666
C. Masonry Works ... ..	1,28,387	...	1,28,387	1,28,387	1,28,387
L. Earth-work ... ..	73,961	...	73,961	73,961	73,961
M. Plantations ... ..	407	...	407	407	407
O. Miscellaneous ... ..	7,39,873	17,357	7,57,230	7,57,230	7,57,230
Total, Distributaries ...	9,55,034	17,357	9,72,391	9,72,391	9,72,391
(4) <i>Drainage and Protective Works.</i>					
B. Land ... ..	7,328	...	7,328	7,328	7,328
L. Earth-work ... ..	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works.	8,516	...	8,516	8,516	8,516
Total, I.—Works ...	60,76,177	48,510	61,24,687	61,57,232	60,75,221
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,69,994	1,225	2,71,219	11,02,646	2,68,774
3. Executive ... ..	8,19,277	4,411	8,23,688		
4. Medical ... ..	146	...	146		
Total, II.—Establishment ...	10,89,417	5,636	10,95,053	11,02,646	10,83,806
III.—TOOLS AND PLANT ... ..	1,24,671	268	1,24,939	1,25,516	1,24,288
IV.—SUSPENSE ACCOUNTS ... ..	-206	206	.....	.....	.....
Grand Total ...	72,90,059	54,620	73,44,679	73,85,394	72,83,315
V.—Less—Receipts on Capital Account	12,234	...	12,234	12,234	12,234
Net Outlay ...	72,77,825	54,620	73,32,445	73,73,160	72,71,081
<i>Apportionment.</i>					
Chargeable to—					
49.—Irrigation ... ..	57,98,412	...	57,98,412	57,98,412	57,98,412
43.—Minor Works and Navigation	14,79,413	54,620	15,34,033	15,74,748	14,72,669
Total ...	72,77,825	54,620	73,32,445	73,73,160	72,71,081



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MATOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation	39,92,718	2,05,075	41,97,793	1. Head Works	27,264	...	27,264
3. Sales of water	65,897	3,644	69,541	2. Main Canals and Branches	18,716	224	18,940
4. Water-supply of towns	32,35,418	1,31,461	33,66,879	3. Distributaries	53,658	9,800	63,458
5. Plantations	...	2,112	82,173	Total	99,638	10,024	1,09,657
6. Other Canal Produce	75,758	4,303	80,061				
7. Water power	64,800	...	64,800	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings	4,072	110	4,182	1. Head Works	81,603	3,599	85,202
10. Fines	52	...	52	2. Main Canals and Branches	5,42,256	14,164	5,56,420
11. Miscellaneous Receipts	1,22,411	7,913	1,30,324	3. Distributaries	6,32,188	24,021	6,56,209
Total	75,61,126	3,54,618	79,15,744	Total	12,56,047	41,784	12,97,831
<b>II.—INDIRECT RECEIPTS.</b>				<b>III.—COMPENSATION</b>	494	...	494
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	<b>IV.—ESTABLISHMENT.</b>			
Irrigation share on account of percolation from the Canal—vide Government Resolutions Nos. 1159 and 1539, dated, respectively, 21st July and 29th September 1892...	714	42	756	1 & 2. Direction and Accounts	97,303	2,502	99,805
Total	714	42	756	3. Executive	3,58,837	46,826	9,03,493
Total Receipts	75,61,840	3,54,660	79,16,500	Total	9,54,170	49,128	10,03,298
				<b>V.—TOOLS AND PLANT</b>	91,137	2,880	94,017
Carried over	75,61,840	3,54,660	79,16,500	Carried over	24,01,481	1,03,816	25,05,297

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MATOBA TANK.  
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	75,61,840	3,54,660	79,16,500	Brought forward ...	24,01,481	1,03,816	25,05,297
				VI.—REFUNDS OF REVENUE .	20,691	624	21,315
				Suspense Accounts ...	—1	52	51
				Total ...	24,22,171	1,04,492	25,26,663
				Share of Collection Charges in the Civil Department .	1,98,302	10,159	2,08,461
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,38,341	6,878	1,45,219
				Total, Charges ...	27,58,814	1,21,529	28,80,343
				Balance Net Revenue ...	48,03,026	2,33,131	50,36,157
Grand Total ...	75,61,840	3,54,660	79,16,500	Grand Total ...	75,61,840	3,54,660	79,16,500

*N.B.*—Construction Estimate of the Mutha Canals closed on 31st March 1897, vide Government Resolution No. 710, dated 13th May 1897, and that of Matoba Tank on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report of the Mutha Canals approved in Government Resolution No. 2241 of 30th October 1901 and that of the Matoba Tank in Government Resolution No. 827 of 17th May 1894.

No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ...	87,32,242		Net revenue realized to end of 1908-1909 ...	48,03,026	
Interest charges for the year 1909-1910.	2,45,306		Do. during 1909-1910.	2,33,131	
			Balance net Interest charges ...	50,36,157	
Total ...	89,77,548		Total ...	39,41,391	
				89,77,548	

## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MATOBA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ... ..	59,859	.....	59,859
2. Leave and Pension Allowances ... ..	2,00,350	789	2,01,139
Total ...	2,60,209	789	2,60,998
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	1,38,341	6,878	1,45,219

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	54,32,020	6,43,201	60,75,221	49,466	82,011	32,545	61,24,687	Government of India's No. 706-I of 17th March 1908, vide Government Resolution No. 1170 of 18th April 1908 ... 1,00,002 Government Resolution No. 136 of 19th January 1909, 4,714 Total ... 1,04,716
Establishment ...	10,12,260	71,546	10,83,806	11,247	18,840	7,593	10,95,053	
Tools and Plant ...	1,19,987	4,301	1,24,288	651	1,228	577	1,24,939	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	65,64,267	7,19,048	72,83,315	61,364	1,02,079	40,715	73,44,679	
Less - Receipts on Capital Account ...	12,234	...	12,234	...	...	...	12,234	
Net Total ...	65,52,033	7,19,048	72,71,081	61,364	1,02,079	40,715	73,32,445	Note.—The date of completion of the works, sanctioned in Government Resolution No. 1170 of 18th April 1908 quoted above, expired on 31st March 1910, and as the works are still in progress, it has been extended to 31st July 1910, vide Government Resolution No. 1817 of 22nd August 1910.
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	59,776	1,088	59,859	...	...	...	59,859	
Leave and Pension Allowances ...	1,89,546	10,018	1,99,564	1,575	2,637	1,062	2,01,139	
Total ...	2,48,322	11,101	2,59,423	1,575	2,637	1,062	2,60,998	
Grand Total ...	68,00,355	7,30,149	75,30,504	62,939	1,04,716	41,777	75,93,443	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## EKBUK TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	3,75,574	40,770	4,16,344	1. Head Works ...	4,916	...	4,916
3. Sales of water ...	72,068	14,154	86,217	2. Main Canals and Branches ...	36,301	452	36,753
4. Water-supply of towns... ..	1,15,548	15,008	1,30,556	3. Distributaries ...	1,075	...	1,075
5. Plantations ...		263		Total ...	42,292	452	42,744
6. Other Canal produce ...	1,10,001	3,850	1,14,114				
9. Rents of Buildings ...	256	1	257	<b>II.—MAINTENANCE AND REPAIRS.</b>			
11. Miscellaneous Receipts ...	22,304	480	22,784	1. Head Works ...	74,416	848	75,264
Total ...	6,95,746	74,526	7,70,272	2. Main Canals and Branches ...	2,14,584	5,428	2,20,007
				3. Distributaries ...	1,276	214	1,490
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	2,90,276	6,485	2,96,761
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	<b>III.—COMPENSATION ...</b>	69	...	69
Total, Receipts ...	6,95,746	74,526	7,70,272	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	27,344	347	27,691
				3. Executive ...	1,80,899	4,227	1,85,126
				Total ...	2,08,243	4,574	2,12,817
				<b>V.—TOOLS AND PLANT ...</b>	3,827	395	4,222
				<b>VI.—REFUNDS OF REVENUE.</b>	1,124	...	1,124
				Total ...	5,45,831	11,906	5,57,737
				Share of Collection Charges in the Civil Department...	20,734	2,038	22,772
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	33,129	640	33,769
				Total Charges ...	5,99,694	14,584	6,14,278
				Balance Net Revenue ...	96,052	59,942	1,55,994
<b>Grand Total ...</b>	<b>6,95,746</b>	<b>74,526</b>	<b>7,70,272</b>	<b>Grand Total ...</b>	<b>6,95,746</b>	<b>74,526</b>	<b>7,70,272</b>

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96.

Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1258, dated 28th July 1891.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## EKRUK TANK.

## TANK PROJECT.

*No. 4.—Interest Account for, and to end of, 1909-1910.*

	Amount			Amount.	
	Rs.			Rs.	
Total Interest charges to end of 1908-1909 ... ..	18,90,436		Net revenue realized to end of 1908-1909 ... ..	96,052	
Interest charges for the year 1909-1910.	41,240		Do. during 1909-1910.	59,342	
				1,55,994	
			Balance net Interest charges ...	17,75,682	
Total ...	19,31,676		Total ...	19,31,676	

*No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.*

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ... ..	38,129	640	38,769

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## KRISHNA CANAL.

## CANAL PROJECT.

## No. 5.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	11,64,611	52,763	12,19,164	1. Head Works ...	651	...	651
3. Sales of water...	66	(a) 1,790	66	2. Main Canals and Branches ...	4,841	...	4,841
4. Water-supply of towns ...	6,011	...	6,011	3. Distributaries... ..	565	...	565
5. Plantations ...	...	...	...	<b>Total ...</b>	<b>6,057</b>	<b>...</b>	<b>6,057</b>
6. Other Canal produce ...	57,641	1,238	58,879	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...	1,527	144	1,671	1. Head Works ...	11,236	582	11,868
11. Miscellaneous Receipts ...	362	11	373	2. Main Canals and Branches ...	2,75,879	3,601	2,79,480
<b>Total ...</b>	<b>12,80,218</b>	<b>55,946</b>	<b>12,86,164</b>	3. Distributaries... ..	22,614	527	23,141
<b>II.—INDIRECT RECEIPTS.</b>				4. Drainage and Protective Works ...	395	...	395
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	<b>Total ...</b>	<b>3,10,174</b>	<b>4,710</b>	<b>3,14,884</b>
<b>Total, Receipts ...</b>	<b>12,80,218</b>	<b>55,946</b>	<b>12,86,164</b>	<b>III.—COMPENSATION ...</b>	<b>16,428</b>	<b>(a) 403</b>	<b>16,831</b>
(a) Amount adjusted by credit to water-rates and debit <i>per contra</i> on account of the following charges recovered by the Native States from water-rates collection :—				<b>IV.—ESTABLISHMENT.</b>			
Loss of assessments on account of land taken up for the Canals, debited to III.—Compensation—				1 & 2. Direction and Accounts ...	14,601	235	14,836
Rs.				3. Executive ... ..	1,92,929	2,658	1,95,587
Pant Pratinidhi... 152				<b>Total ...</b>	<b>2,07,530</b>	<b>2,893</b>	<b>2,10,423</b>
Sanli State ... 251				<b>V.—TOOLS AND PLANT ...</b>	<b>4,323</b>	<b>47</b>	<b>4,370</b>
401				<b>VI.—REFUNDS OF REVENUE</b>	<b>1,023</b>	<b>28</b>	<b>1,051</b>
Collection charges—				<b>Total ...</b>	<b>5,45,535</b>	<b>8,081</b>	<b>5,53,616</b>
Pant Pratinidhi—				Share of Collection Charges in the Civil Department .	72,074	1,750	75,211
For recovery of water-rates . 925				(a) 1,387			
Sanli States—				Indirect charges debitable to Revenue Account as per Account No. 5 ...	84,903	405	85,308
For recovery of water-rates . 462				<b>Total, Charges ...</b>	<b>6,52,512</b>	<b>11,628</b>	<b>6,64,135</b>
1,387				<b>Balance Net Revenue ...</b>	<b>5,77,706</b>	<b>44,323</b>	<b>6,22,029</b>
<b>Total ... 1,790</b>				<b>Grand Total ...</b>	<b>12,30,218</b>	<b>55,946</b>	<b>12,86,164</b>
<b>Grand Total ...</b>	<b>12,80,218</b>	<b>55,946</b>	<b>12,86,164</b>				

N.B.—Last Capital Account detailed in the Administrative Accounts for 1904-1905. Construction Estimate closed on 31st March 1892, vide Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 49.—IRRIGATION WORKS.

## KRISHNA CANAL.

## CANAL PROJECT.

*No. 4.—Interest Account for, and to end of, 1909-1910.*

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909 ... ..	13,24,972	Net revenue realized to end of 1908-1909 ... ..	5,77,706
Interest charges for the year 1909-1910.	27,544	Do. ... during 1909-1910.	44,323
		Balance net Interest charges ... ..	6,22,029
			7,30,487
Total ...	13,52,516	Total ...	18,52,516

*No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.*

Particulars.	Previous.	1909-1910.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ... ..	64	.....	64
2. Leave and Pension Allowances ... ..	34,839	405	35,244
Total ...	34,903	405	35,308

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SUKKUR CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	29,964	1,383	31,347	1. Head Works ...	15,425	...	15,425
5. Plantations ...	18,956	200	14,877	2. Main Canals and Branches ...	1,23,308	4,519	1,27,822
6. Other canal produce ...		721		2,182	3. Distributaries ...	863	...
9. Rents of Buildings ...	4,281	21	4,302				
10. Fines ...	1,705	477	2,182				
11. Miscellaneous Receipts ...	24,849	1,276	26,125				
<b>Total ...</b>	<b>74,755</b>	<b>4,078</b>	<b>78,833</b>	<b>Total ...</b>	<b>1,39,591</b>	<b>4,519</b>	<b>1,44,110</b>
<b>II.—INDIRECT RECEIPTS</b>				<b>II.—MAINTENANCE AND REPAIRS.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	39,08,226	1,76,195	40,79,421	1. Head Works ...	6,627	...	6,627
4 per cent. on $\frac{2}{3}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889... ..	10,738	776	11,514	2. Main Canals and Branches ...	11,68,351	41,242	12,09,593
<b>Total ...</b>	<b>39,13,964</b>	<b>1,76,971</b>	<b>40,90,935</b>	<b>Total ...</b>	<b>11,74,978</b>	<b>41,242</b>	<b>12,16,220</b>
<b>Total, Receipts ...</b>	<b>39,88,719</b>	<b>1,81,049</b>	<b>41,69,768</b>	<b>IV.—ESTABLISHMENT.</b>			
<b>Carried over ...</b>	<b>39,88,719</b>	<b>1,81,049</b>	<b>41,69,768</b>	1 & 2. Direction and Accounts ...	84,909	1,466	86,375
				3. Executive ...	2,74,726	9,973	2,84,699
				<b>Total ...</b>	<b>3,59,635</b>	<b>11,439</b>	<b>3,71,074</b>
				<b>V.—TOOLS AND PLANT ...</b>	<b>16,373</b>	<b>600</b>	<b>16,973</b>
				<b>Carried over ...</b>	<b>16,90,577</b>	<b>57,800</b>	<b>17,48,377</b>



## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SUKKUR CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	39,88,719	1,81,049	41,69,768	Brought forward ...	16,90,577	57,800	17,48,377
				VI.—REFUNDS OF RE- VENUE ... ..	119	...	119
				Total ...	16,90,398	57,800	17,48,496
				Share of Collection Charges in the Civil Department ... ..	3,12,498	10,699	3,23,197
				Indirect Charges debi- table to Revenue Ac- count as per Account No. 5 ... ..	57,029	1,601	58,630
				Total, Charges ...	20,60,223	70,100	21,30,323
				Balance Net Revenue ...	19,23,496	1,10,949	20,39,445
				Grand Total ...	39,88,719	1,81,049	41,69,768
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:—							
	Rs.						
To end of 1908-1909 ...	1,67,000						
Loss for 1909-1910 ...	10,993						
Total ...	1,77,993						

N. B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1886—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 569, dated 27th March 1895.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ... ..	897	.....	897
2. Leave and Pension Allowances ... ..	56,182	1,601	57,783
Total ...	57,029	1,601	58,630



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## GHAR CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	2,38,52,412	6,21,247	2,39,73,659	Brought forward ...	44,62,547	1,54,101	46,16,648
				VI.—REFUNDS OF RE- VENUE ... ..	184	...	184
				Total ...	44,62,731	1,54,101	46,16,832
				Share of Collection Charges in the Civil Department ... ..	19,96,999	36,481	20,33,480
				Indirect Charges debi- table to Revenue Ac- count as 'per Account No. 5 ... ..	1,63,197	4,934	1,68,131
				Total, Charges ...	66,22,927	1,95,516	68,18,443
				Balance Net Revenue ...	1,67,29,485	4,25,731	1,71,55,216
Grand Total ...	2,38,52,412	6,21,247	2,39,73,659	Grand Total ...	2,38,52,412	6,21,247	2,39,73,659

*N.B.*—Last Capital account detailed in the Administrative Accounts for 1907-1908. Construction Estimate closed on 31st March 1879, vide G. B. No. 1411, dated 12th September 1893. Completion Report approved in G. B. No. 927, dated 11th June 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ... ..	13,454	341	13,795
2. Leave and Pension Allowances ... ..	1,49,743	4,593	1,54,336
Total ...	1,63,197	4,934	1,68,131

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SUTTAH CANAL.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land ... ..	1,449	284	1,733	1,733	1,733
D. Regulators ... ..	70,889	.....	70,889	70,889	70,889
G. Bridges ... ..	7,872	.....	7,872	7,872	7,872
L. Earth-work ... ..	56,679	.....	56,679	56,679	56,679
O. Miscellaneous ... ..	2,904	.....	2,904	2,904	2,904
Total, Main Canals and Branches ...	1,39,793	284	1,40,077	1,40,077	1,40,077
Total, I.—Works ...	1,39,793	284	1,40,077	1,40,077	1,40,077
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	6,917	.....	6,917	6,917	6,917
3. Executive ... ..	24,902	.....	24,902	24,902	24,902
Total, Establishment ...	31,819	.....	31,819	31,819	31,819
<b>III.—TOOLS AND PLANT</b> ... ..	2,076	.....	2,076	2,076	2,076
Grand Total ...	1,73,688	284	1,73,972	1,73,972	1,73,972
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation	1,73,688	284	1,73,972	1,73,972	1,73,972

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ... ..	90	58	148	2. Main Canals and Branches	601	76	677
6. Other canal produce ... ..	26	785	811	Average expenditure before Improvements ... ..	—9,970	—1,994	—11,964
11. Miscellaneous Receipts ... ..	—200	—40	—240	Total ...	—9,369	—1,918	—11,287
Total ...	—84	803	719				
<b>II.—INDIRECT RECEIPTS.</b>				<b>II.—MAINTENANCE AND REPAIRS.</b>			
Irrigation share of Land Revenue collected in the Civil Department ... ..	53,321	19,916	73,237	2. Main Canals and Branches ... ..	42,586	17,377	59,963
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	814	381	1,195	<b>IV.—ESTABLISHMENT.</b>			
Total ...	54,135	20,297	74,432	1 & 2. Direction and Accounts.	1,193	388	1,581
Total, Receipts ...	54,051	21,100	75,151	3. Executive ... ..	—868	812	—56
Carried over ...	54,051	21,100	75,151	Total ...	325	1,200	1,525
				Carried over ...	33,542	16,659	50,201

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SUTTAH CANAL.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	54,051	21,100	75,151	Brought forward ...	33,542	16,659	50,201
				V.—TOOLS AND PLANT...	—593	—370	—963
				Total ...	32,949	16,289	49,238
				Share of Collection Charges in the Civil Department ...	3,041	1,197	4,238
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	47	168	215
				Total, Charges ...	36,037	17,654	53,691
				Balance Net Revenue ...	18,014	3,446	21,460
Grand Total ...	54,051	21,100	75,151	Grand Total ...	54,051	21,100	75,151

*Note.*—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

Rs.  
To end of 1908-1909... 1,490  
Loss for 1909-1910 ... 438  
Total ... 1,928

N. B.—Construction Estimate closed on 31st March 1910—vide Government Resolution No. 299, dated 5th February 1910. Completion Report called for in Government Resolution No. 299, dated 5th February 1910, is awaited.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL,

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ... ..	.....	1,574	1,574
2. Leave and Pension Allowances ... ..	4,454	.....	4,454
Total ...	4,454	1,574	6,028
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	47	168	215

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against Open Capital Sanctions.	Total	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ... ..	1,40,077	...	1,40,077	...	...	...	1,40,077	
Establishment ... ..	31,819	...	31,819	...	...	...	31,819	
Tools and Plant ... ..	2,076	...	2,076	...	...	...	2,076	
Total ...	1,73,972	...	1,73,972	...	...	...	1,73,972	
<i>Less—</i> Receipt on Capital Account ... ..	...	...	...	...	...	...	...	
Net Total ...	1,73,972	...	1,73,972	...	...	...	1,73,972	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	1,574	...	1,574	...	...	...	1,574	
Leave and Pension Allowances ... ..	4,454	...	4,454	...	...	...	4,454	
Total ...	6,028	...	6,028	...	...	...	6,028	
Grand Total ...	1,80,000	...	1,80,000	...	...	...	1,80,000	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## ALIBEAR KACHERI CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	Rs. 19,854	Rs. 401	Rs. 20,255	2. Main Canals and Branches ...	Rs. 3,319	Rs. ...	Rs. 3,319
5. Plantations ...	3,274	9	3,283	4. Drainage and Protective Works ..	245	...	245
6. Other canal produce ...	115	...	115	Total ..	3,564	...	3,564
11. Miscellaneous Receipts ...	1,713	220	1,933				
Total ...	24,956	630	25,586	<b>II.—MAINTENANCE AND REPAIRS.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				2. Main Canals and Branches ...	47,473	-2,300	45,173
Irrigation share of Land Revenue collected in the Civil Department.	1,71,811	8,048	1,79,859	3. Distributaries ..	12,672	...	12,672
4 per cent. on $\frac{3}{8}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A.L., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	9,733	839	10,572	Total ...	60,145	-2,300	57,845
Total ...	1,51,544	8,887	1,60,431	<b>IV.—ESTABLISHMENT.</b>			
Total, Receipts ...	2,06,500	9,517	2,16,017	1 & 2. Direction and Accounts ..	8,485	128	8,613
				3. Executive ...	13,845	-624	13,221
				Total ...	22,330	-496	21,834
				<b>V.—TOOLS AND PLANT...</b>	418	-53	365
				<b>VI.—REFUNDS OF REVENUE</b> ...	19	...	19
				Total ...	86,476	-2,849	83,627
				Share of Collection Charges in the Civil Department ...	17,341	511	17,852
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,688	-69	3,619
				Total, Charges ...	1,07,505	-2,407	1,05,098
				Balance Net Revenue ...	98,995	11,924	1,10,919
				Grand Total ...	2,06,500	9,517	2,16,017

Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here, per Government of India letter No. 233-L, dated 14th June 1888, communicated under Government Resolution No. 400, dated 11th August 1888:—

Rs.  
To end of 1908-1909...4,67,467  
Loss for 1909-1910 ... 2,621

Total ... 4,70,118

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878, vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	Rs. 3,688	Rs. -69	Rs. 3,619

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 48.—MINOR WORKS AND NAVIGATION.

## MA'RAK GREAT CANAL.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation...	92,860	1,950	94,810	2. Main Canals and Branches ...	32,576	...	32,576
3. Sales of water ...	...	15	15				
5. Plantations ...	14,893	...	15,064	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...	124	...	124	1. Head Works ...	3,416	...	3,416
8. Navigation ...	142	...	142	2. Main Canals and Branches ...	3,72,926	5,824	3,78,750
9. Rents of Buildings.	1,157	68	1,225	Total ...	3,76,342	5,824	3,82,166
10. Fines ...	10,163	200	10,363	<b>IV.—ESTABLISHMENT.</b>			
11. Miscellaneous Receipts ...	10,163	200	10,363	1 & 2. Direction and Accounts...	23,440	568	24,008
Total ...	1,19,339	2,404	1,21,743	3. Executive ...	1,21,165	918	1,22,083
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	1,44,605	1,486	1,46,091
Irrigation share of Land Revenue collected in the Civil Department.	20,41,237	82,756	21,23,993	<b>V.—TOOLS AND PLANT...</b>	2,183	—286	1,897
4 per cent. on $\frac{2}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	28,785	3,127	31,862	<b>VI.—REFUNDS OF REVENUE</b>	40	...	40
Total ...	20,69,972	85,883	21,55,855	Total ...	5,55,746	7,024	5,62,770
Total, Receipts ...	21,89,311	88,287	22,77,598	Share of Collection Charges in the Civil Department ...	1,75,631	5,086	1,80,717
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here, per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.— Rs. To end of 1908-1909. 4,82,282 Loss for 1909-1910 ... 14,824 Total ... 4,97,106				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	22,317	208	22,525
				Total, Charges ...	7,53,694	12,318	7,66,012
				Balance Net Revenue ...	14,35,617	75,969	15,11,586
				Grand Total ...	21,89,311	88,287	22,77,598

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1898-99. Construction Estimate closed on 31st March 1882, *vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>REVENUE—</b>	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	772	.....	772
2. Leave and Pension Allowances ...	21,545	208	21,753
Total ...	22,317	208	22,525



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

SARFRAZWA'H.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	Rs. 58,368	Rs. 2,869	Rs. 61,237	2. Main Canals and Branches ...	Rs. 36,368	Rs. ...	Rs. 36,368
5. Plantations...	} 14,014	{ ... 395	} 14,439	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...				40	1	41	2. Main Canals and Branches ...
10. Fines ...	40	1	41	4. Drainage and Protective Works ...	6,778	..	6,778
11. Miscellaneous Receipts ...	4,370	311	4,681	Total ...	2,78,608	9,192	2,82,800
Total ...	76,822	3,576	80,398	<b>IV.—ESTABLISHMENT.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				1 & 2. Direction and Accounts ...	21,538	765	22,303
Irrigation share of Land Revenue collected in the Civil Department ...	7,19,710	38,542	7,58,252	3. Executive ...	71,760	1,169	72,929
4 per cent. on $\frac{7}{8}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53 A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	16,494	1,292	17,786	Total ...	93,298	1,934	95,232
Total ...	7,36,204	39,834	7,76,038	<b>V.—TOOLS AND PLANT...</b>	521	-199	322
Total, Receipts ...	8,13,026	43,410	8,56,436	<b>VI.—REFUNDS OF REVENUE ...</b>	4	...	4
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jâghir lands and assessment at the ordinary rates in force for Government lands noted here, per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total ...	4,03,799	10,927	4,14,726
Rs.				Share of Collection Charges in the Civil Department ...	62,415	2,435	64,900
To end of 1908-1909... 2,76,574				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	15,598	271	15,864
Loss for 1909-1910 ... 12,315				Total, Charges ...	4,81,807	13,683	4,95,490
Total... 2,88,889				Balance Net Revenue ...	3,31,219	29,727	3,60,946
Grand Total ...	8,13,026	43,410	8,56,436	Grand Total ...	8,13,026	43,410	8,56,436

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876, vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	1,117	.....	1,117
2. Leave and Pension Allowances ...	14,476	271	14,747
Total ...	15,593	271	15,864

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## FULELI CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	10,95,100	31,909	11,27,009	2. Main Canals and Branches. ...	1,34,025	5,091	1,39,116
3. Sales of water ...	717	96	813	Distributaries ...	450	...	450
5. Plantations ...	1,04,502	207	1,09,218	Total ...	1,34,475	5,091	1,39,566
6. Other canal produce ...		4,509		64,743			
8. Navigation ...	64,743	...	64,743	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings. ...	803	56	859	1. Head Works ...	169	...	169
10. Fines ...	9,508	95	9,603	2. Main Canals and Branches ...	43,20,775	83,482	44,04,258
11. Miscellaneous Receipts ...	1,11,816	7,729	1,19,545	3. Distributaries ...	1,155	...	1,155
Total ..	13,87,189	44,601	14,31,790	Total ...	43,22,099	83,482	44,05,582
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department ...	1,31,92,494	5,12,546	1,37,05,040	1 & 2. Direction and Accounts ...	2,68,339	6,701	2,75,100
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53 A. I. dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,11,611	11,414	1,23,025	3. Executive ...	8,83,302	22,327	9,05,629
Total ...	1,33,04,105	5,23,960	1,38,28,065	Total ...	11,51,771	29,028	11,80,729
Total, Receipts ...	1,46,91,294	5,08,561	1,52,99,855	<b>V.—TOOLS AND PLANT ...</b>	21,442	282	21,725
Carried over ...	1,46,91,294	5,08,561	1,52,99,855	Carried over ...	56,29,718	1,17,884	57,47,602

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## FULELI CANAL,

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,46,91,294	5,68,561	1,52,59,855	Brought forward ...	56,29,718	1,17,884	57,47,602
<p><i>Note.</i>—Loss to the canal on account of difference between assessment of water-rates on Jâghir lands and assessment at the ordinary rates in force for Government lands noted here, per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.</p> <p style="text-align: center;">Rs.</p> <p>To end of 1908-1909. 41,68,739 Loss for 1909-1910. 1,22,045</p> <p>Total ... 42,95,774</p>				VI.—REFUNDS OF REVENUE ...	3,714	...	3,714
				Total ...	56,33,432	1,17,884	57,51,316
				Share of Collection Charges in the Civil Department ...	1,88,306	32,681	12,20,987
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,08,811	4,064	2,07,875
				Total, Charges ...	70,25,549	1,54,629	71,80,178
			Balance Net Revenue ...	76,65,745	4,18,932	80,79,677	
Grand Total ...	1,46,91,294	5,68,561	1,52,59,855	Grand Total ...	1,46,91,294	5,68,561	1,52,59,855

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1907-1908. Construction Estimate closed on 31st March 1893, vide G. E. No. 1085, dated 27th June 1894. Completion Report approved in G. E. No. 1085, dated 27th June 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
BEVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	15,452	.....	15,452
2. Leave and Pension Allowances ...	1,88,359	4,064	1,92,423
Total ...	2,03,811	4,064	2,07,875

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land ... ..	9,019	...	9,019	7,219	7,219
D. Regulators ... ..	27,392	3,381	30,773	30,773	30,773
G. Bridges ... ..	19,448	...	19,448	19,448	19,448
K. Buildings ... ..	6,789	...	6,789	6,789	6,789
L. Earth-work ... ..	1,25,170	...	1,25,170	1,25,170	1,25,170
<b>Total, Main Canals and Branches ...</b>	<b>1,87,818</b>	<b>3,381</b>	<b>1,91,199</b>	<b>1,89,399</b>	<b>1,89,399</b>
(3)—Distributaries.					
B. Land ... ..	3,495	...	3,495	3,495	3,495
C. Works ... ..	19,174	...	19,174	19,174	19,174
L. Earth-work ... ..	12,945	...	12,945	12,945	12,945
<b>Total, Distributaries ...</b>	<b>35,614</b>	<b>...</b>	<b>35,614</b>	<b>35,614</b>	<b>35,614</b>
<b>Total, I.—Works ...</b>	<b>2,23,432</b>	<b>3,381</b>	<b>2,26,813</b>	<b>2,25,013</b>	<b>2,25,013</b>
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	10,544	169	10,713	10,713	10,713
3. Executive ... ..	37,965	608	38,573	38,573	38,573
<b>Total, Establishment ...</b>	<b>48,509</b>	<b>777</b>	<b>49,286</b>	<b>49,286</b>	<b>49,286</b>
<b>III.—TOOLS AND PLANT ...</b>	<b>5,250</b>	<b>51</b>	<b>5,301</b>	<b>5,301</b>	<b>5,301</b>
<b>Grand Total ...</b>	<b>2,77,191</b>	<b>4,209</b>	<b>2,81,400</b>	<b>2,79,600</b>	<b>2,79,600</b>
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation ...	2,77,191	4,209	2,81,400	2,79,600	2,79,600

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## HASANALIWAH.

## CANAL PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	718	—447	271	2. Main Canals and Branches ...	12,551	46	12,597
6. Other canal produce ...	1,088	—277	811	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...		1	1	2. Main Canals and Branches ..	55,436	15,896	70,382
10. Fines ...	300	...	300	<b>IV.—ESTABLISHMENT.</b>			
11. Miscellaneous Receipts ...	979	1,147	2,126	1 & 2. Direction and Accounts ...	5,092	1,071	6,163
Total ...	3,085	424	3,509	3. Executive ...	17,844	3,178	21,022
<b>II.—INDIRECT RECEIPTS.</b>				Total ..	22,936	4,249	27,185
Irrigation share of Land Revenue collected in the Civil Department ...	1,67,388	36,537	2,03,925	<b>V.—TOOLS AND PLANT ...</b>	535	28	563
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53 A. 1., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,299	370	1,669	Total ...	91,458	19,719	1,11,177
Total ...	1,68,687	36,907	2,05,594	Share of Collection Charges in the Civil Department ...	10,018	2,204	12,222
Total, Receipts ...	1,71,772	87,331	2,09,103	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,211	595	3,806
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jâghir lands and assessment at the ordinary rates in force for Government lands noted here, per Government of India letter No. 233-L., dated 14th June 1889, communicated under Government Resolution No. 400, dated 11th August 1889.				Total, Charges ...	1,04,687	22,518	1,27,205
To end of 1908-1909. Rs. 5,901				Balance Net Revenue ...	67,085	14,813	81,898
Loss for 1908-1910. 1,927				Total ...	1,71,772	87,331	2,09,103
Total ... 7,828							
Grand Total ...	1,71,772	87,331	2,09,103				

*N.B.*—Construction Estimate closed on 31st March 1907, vide G. R. No. 1802, dated 15th July 1907.  
Completion Report approved in G. R. No. 1302, dated 15th July 1907.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## HASANALIWAH.

## CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	6,545	.....	6,545
2. Leave and Pension Allowances ...	6,791	109	6,900
Total ...	13,336	109	13,445
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	3,211	595	3,806

No. 6.—Statement Comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.	
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<b>DIRECT CHARGES.</b>									
Works ...	2,12,461	12,552	2,25,013	1,800	...	-1,800	2,26,813	These charges are for compensation paid for a portion of land taken up. The estimate for the full amount of compensation for all the lands taken up is held over till the decision of the Court is arrived at as some of the land owners have filed suits.	
Establishment ...	46,413	2,873	49,286	...	...	...	49,286		
Tools and Plant ...	5,114	187	5,301	...	...	...	5,301		
Total ...	2,63,988	15,612	2,79,600	1,800	...	-1,800	2,81,400		
Less—Receipts on Capital Account.	...	...	...	...	...	...	...		
Net Total ...	2,63,988	15,612	2,79,600	1,800	...	-1,800	2,81,400		
<b>INDIRECT CHARGES.</b>									
Capitalized abatement of Land Revenue ...	6,545	...	6,545	...	...	...	6,545		
Leave and Pension Allowances ...	6,498	402	6,900	...	...	...	6,900		
Total ...	13,043	402	13,445	...	...	...	13,445		
Grand Total ...	2,77,031	16,014	2,93,045	1,800	...	-1,800	2,94,845		

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## WANGROLI TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	9,128	3,472	12,600	<b>II.—MAINTENANCE AND REPAIRS.</b>	...	...	...
3. Sales of water ...	448	...	448	1. Head Works ...	4,362	3,174	7,536
5. Plantations ...	21	...	21	2. Main Canals and Branches... ..	2,074	1,343	3,417
6. Other Canal produce ...	39	23	62	Total ...	6,436	4,517	10,953
11. Miscellaneous Receipts ...	1,141	200	1,341	<b>IV.—ESTABLISHMENT.</b>	...	...	...
Total ...	10,777	3,695	14,472	1 & 2. Direction and Accounts... ..	321	225	546
<b>II.—INDIRECT RECEIPTS.</b>				3. Executive ... ..	3,381	1,890	5,221
Irrigation share of Land Revenue collected in the Civil Department.	5,267	700	5,967	Total ...	3,652	2,115	5,767
				<b>V.—TOOLS AND PLANT ...</b>	182	78	260
				Total ...	10,270	6,710	16,980
				Share of Collection Charges in the Civil Department ... ..	995	254	1,249
				Indirect Charges debitable to Revenue Account as per Account No. 5 ... ..	511	296	807
Total, Receipts ...	16,044	4,395	20,439	Total, Charges ...	11,776	7,260	19,036
Grand Total ...	16,044	4,395	20,439	Balance Net Revenue...	4,268	-2,865	1,403
				Grand Total ...	16,044	4,395	20,439

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1908-09. Construction Estimate closed on 31st March 1909, vide Government Resolution, No. 902, dated 31st March 1909. Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>REVENUE—</b>	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ... ..	511	296	807

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## TRANZA-NAGRAMA TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 30th June 1909.)	Expenditure against closed estimates.
	Previous.	1909-10.	Total.		
<b>I.—WORKS.</b>					
(1)—Head Works.	Rs.	Rs.	Rs.	Rs.	Rs.
B. Land ... ..	28,954	...	28,954	28,954	28,954
C. Masonry Works ... ..	26,240	20	26,260	26,260	26,260
K. Buildings ... ..	1,650	...	1,650	1,650	1,650
L. Earth-work ... ..	1,28,557	...	1,28,557	1,28,557	1,28,557
O. Miscellaneous ... ..	2,249	...	2,249	2,249	2,249
P. Maintenance ... ..	1,546	...	1,546	1,546	1,546
Total, Head Works ...	1,89,196	20	1,89,216	1,89,216	1,89,216
(2)—Main Canals and Branches.					
B. Land ... ..	3,185	...	3,185	3,185	3,185
C. Works Masonry ... ..	9,540	—240	9,300	9,300	9,300
L. Earth-work ... ..	13,262	...	13,262	13,262	13,262
O. Miscellaneous ... ..	3,647	224	3,871	3,871	3,871
Total, Main Canals and Branches ...	29,634	—16	29,618	29,618	29,618
(4)—Drainage and Protective Works.					
C. Masonry Works ... ..	1,070	...	1,070	1,070	1,070
L. Earth-work ... ..	1,019	...	1,019	1,019	1,019
O. Miscellaneous ... ..	174	...	174	174	174
Total, Drainage and Protective Works ...	2,263	...	2,263	2,263	2,263
Total, I.—Works ...	2,21,093	4	2,21,097	2,21,097	2,21,097
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	3,080	...	3,080	3,080	3,080
3. Executive ... ..	11,087	1	11,088	11,088	11,088
Total, II.—Establishment ...	14,167	1	14,168	14,168	14,168
<b>III.—TOOLS AND PLANT</b> ... ..	924	...	924	924	924
Grand Total ...	2,36,184	5	2,36,189	2,36,189	2,36,189
<b>V.—Less—Receipts on Capital Account</b> ...	2	...	2	2	2
Net Outlay ...	2,36,182	5	2,36,187	2,36,187	2,36,187
<b>APPORTIONMENT.</b>					
Chargeable to—43.—Minor Works and Navigation ... ..	1,09,541	5	1,09,546	1,09,546	1,09,546
Do. —33.—Famine Relief ... ..	1,26,641	...	1,26,641	1,26,641	1,26,641
Total ...	2,36,182	5	2,36,187	2,36,187	2,36,187



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## TRANZA-NAGRAMA TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,439	154	2,593	1. Head Works ...	260	...	260
5. Plantations ...	1	...	1	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...	61	330	391	1. Head Works ...	6,027	1,250	7,277
10. Fines ...	16	...	16	2. Main Canals and Branches ...	823	1,600	2,423
11. Miscellaneous Receipts ...	966	217	1,183	<b>Total ...</b>	<b>6,850</b>	<b>2,850</b>	<b>9,700</b>
<b>Total ...</b>	<b>3,483</b>	<b>701</b>	<b>4,184</b>	<b>IV.—ESTABLISHMENT.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				1. and 2. Direction and Accounts ...	354	142	496
Irrigation share of Land Revenue collected in the Civil Department	91	28	114	3. Executive ...	3,435	1,198	4,633
				<b>Total ...</b>	<b>3,789</b>	<b>1,340</b>	<b>5,129</b>
				<b>V.—TOOLS AND PLANT ...</b>	<b>196</b>	<b>49</b>	<b>245</b>
				<b>Total ...</b>	<b>11,095</b>	<b>4,239</b>	<b>15,334</b>
				Share of Collection Charges in the Civil Department ...	170	21	191
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	531	188	719
				<b>Total, Charges ...</b>	<b>11,786</b>	<b>4,448</b>	<b>16,244</b>
<b>Total, Receipts ..</b>	<b>3,574</b>	<b>724</b>	<b>4,298</b>	Balance Net Revenue ...	-8,222	-3,724	-11,946
<b>Grand Total ...</b>	<b>3,574</b>	<b>724</b>	<b>4,298</b>	<b>Grand Total ...</b>	<b>3,574</b>	<b>724</b>	<b>4,298</b>

N.B.—Construction Estimate closed on 31st June 1909, vide G. R. No. 2496, dated 26th October 1909.  
Completion Report approved in G. R. No. 1730, dated 8th August 1910.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## TRANZA-NAGRAMA TANK.

## TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ... ..	39,222	.....	39,222
2. Leave and Pension Allowances ... ..	1,983	.....	1,983
Total ... ..	41,205	.....	41,205
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	581	188	719

No. 6.—Statement Comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	2,21,097	...	2,21,097	...	...	...	2,21,097	
Establishment ...	14,168	...	14,168	...	...	...	14,168	
Tools and Plant ...	924	...	924	...	...	...	924	
Total ...	2,36,189	...	2,36,189	...	...	...	2,36,189	
Less—Receipts on Capital Account.	2	...	2	...	...	...	2	
Net Total ...	2,36,187	...	2,36,187	...	...	...	2,36,187	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	39,222	...	39,222	...	...	...	39,222	
Leave and Pension Allowances ...	1,983	...	1,983	...	...	...	1,983	
Total ...	41,205	...	41,205	...	...	...	41,205	
Grand Total ...	2,77,392	...	2,77,392	...	...	...	2,77,392	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SAVLI TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
<b>I.—WORKS.</b>					
(1)—Head Works.	Rs.	Rs.	Rs.	Rs.	Rs.
B. Land ... ..	12,775	...	12,775	12,775	12,775
C. Masonry Works ... ..	35,127	6,709	41,836	41,836	41,836
K. Buildings ... ..	1,645	113	1,758	1,758	1,758
L. Earth-work ... ..	88,192	—1,456	86,736	86,736	86,736
M. Plantations ... ..	...	7	7	7	7
O. Miscellaneous ... ..	634	...	634	634	634
P. Maintenance ... ..	2,999	...	2,999	2,999	2,999
Total, Head Works ...	1,41,372	5,873	1,46,745	1,46,745	1,46,745
(2)—Main Canals and Branches.					
B. Land ... ..	3,788	...	3,788	3,788	3,788
C (a) Regulators ... ..	6,314	322	6,636	6,636	6,636
C (b) Falls and Weirs ... ..	3,038	...	3,038	3,038	3,038
C (d) Other Cross Drainage Works ... ..	18,043	422	18,465	18,465	18,465
C (e) Bridges ... ..	2,252	1,248	3,500	3,500	3,500
C (f) Escapes ... ..	341	22	363	363	363
L. Earth-work ... ..	12,266	1,942	14,208	14,208	14,208
O. Miscellaneous ... ..	2,423	665	3,088	3,088	3,088
P. Maintenance ... ..	958	...	958	958	958
Total, Main Canals and Branches ...	49,373	4,621	53,994	53,994	53,994
Total, I.—Works ...	1,90,745	9,994	2,00,739	2,00,739	2,00,739
<b>II.—ESTABLISHMENT.</b>					
1. & 2. Direction and Accounts ... ..	6,056	500	6,556	6,556	6,556
3. Executive ... ..	21,801	1,799	23,600	23,600	23,600
Total, II.—Establishment ...	27,857	2,299	30,156	30,156	30,156
<b>III.—TOOLS AND PLANT</b> ... ..	1,817	150	1,967	1,967	1,967
Grand Total ...	2,20,419	12,443	2,32,862	2,32,862	2,32,862
V.—Less—Receipts on Capital Account ...	247	...	247	247	247
Net Outlay ...	2,20,172	12,443	2,32,615	2,32,615	2,32,615
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation.	1,70,721	12,443	1,83,164	1,83,164	1,83,164
Chargeable to 33.—Famine Relief ...	49,451	...	49,451	49,451	49,451
Total ...	2,20,172	12,443	2,32,615	2,32,615	2,32,615

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

SAVLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,395	2,688	5,083	<b>II.—MAINTENANCE AND REPAIRS.</b>	...	...	...
6. Other Canal produce ...	...	10	10	1. Head Works ...	329	921	1,250
10. Fines ...	14	...	14	2. Main Canals and Branches... ..	290	1,079	1,369
11. Miscellaneous Receipts ...	60	277	337	Total ...	619	2,000	2,619
Total ...	2,469	2,975	5,444	<b>IV.—ESTABLISHMENT.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				1. and 2. Direction and Accounts ...	31	100	131
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	3. Executive ...	266	841	1,107
				Total ...	297	941	1,238
				<b>V.—TOOLS AND PLANT ...</b>	15	35	50
				Total ...	931	2,976	3,907
				Share of Collection Charges in the Civil Department ...	120	134	254
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	42	132	174
				Total, Charges ...	1,093	3,242	4,335
Total, Receipts ...	2,469	2,975	5,444	Balance Net Revenue ...	1,376	-267	1,109
Grand Total ...	2,469	2,975	5,444	Grand Total ...	2,469	2,975	5,444

*N.B.*—Construction Estimate closed on 31st March 1910, vide Government Resolution No. 66, dated 12th January 1910. Completion Report called for in Government Resolution No. 66, dated 12th January 1910 is still awaited.

## IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

SA'VI TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ... ..	15,874	175	16,049
2. Leave and Pension Allowances ... ..	3,900	322	4,222
Total ... ..	19,774	497	20,271
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	42	132	174

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ... ..	2,00,739	...	2,00,739	...	...	...	2,00,739	
Establishment ... ..	30,156	...	30,156	...	...	...	30,156	
Tools and Plant ... ..	1,967	...	1,967	...	...	...	1,967	
Total ... ..	2,32,862	...	2,32,862	...	...	...	2,32,862	
<i>Less—Receipts on Capital Account ... ..</i>	<i>247</i>	<i>...</i>	<i>247</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>247</i>	
Net Total ... ..	2,32,615	...	2,32,615	...	...	...	2,32,615	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	16,049	...	16,049	...	...	...	16,049	
Leave and Pension Allowances ... ..	4,222	...	4,222	...	...	...	4,222	
Total ... ..	20,271	...	20,271	...	...	...	20,271	
Grand Total ... ..	2,52,886	...	2,52,886	...	...	...	2,52,886	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SAHIAT TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<b>(1)—Head Works.</b>					
A. Preliminary Expenses ...	198	...	198	198	.....
B. Land ...	1,004	3,012	4,016	14,270	.....
C. Masonry Works ...	993	4,064	5,057	5,595	.....
K. Buildings ...	.....	1,887	1,887	3,617	.....
L. Earth-work ...	40,282	12,719	53,001	55,182	.....
M. Plantations ...	.....	...	.....	100	.....
O. Miscellaneous ...	.....	20	20	50	.....
P. Maintenance ...	.....	981	981	1,000	.....
Total, Head Works ...	42,477	22,683	65,160	80,012	.....
<b>(2)—Main Canals and Branches.</b>					
A. Preliminary Expenses ...	163	37	200	200	.....
B. Land ...	.....	843	843	2,990	.....
C(a). Regulators ...	22	3,800	3,822	4,120	.....
C(d). Other Cross Drainage Works ...	24	6,086	6,110	7,170	.....
C(e). Bridges ...	.....	1,646	1,646	2,445	.....
C(f). Escapes ...	.....	488	488	490	.....
L. Earth-work ...	9,167	14,082	23,199	27,206	.....
M. Plantations ...	.....	...	.....	200	.....
O. Miscellaneous ...	450	745	1,195	3,601	.....
P. Maintenance ...	42	814	356	1,546	.....
Total, Main Canals and Branches ...	9,868	27,991	37,859	49,968	.....
Total, I.—Works ...	52,345	50,674	1,03,019	1,29,980	.....
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	1,590	2,508	4,098	} 22,674	.....
3. Executive ...	5,722	9,081	14,753		
Total, II.—Establishment ...	7,312	11,539	18,851	22,674	.....
<b>III.—TOOLS AND PLANT</b>					
Grand Total ...	60,134	62,966	1,23,100	1,54,133	.....
<b>V.—Less—Receipts on Capital Account.</b>					
Net Outlay ...	60,134	62,966	1,23,100	1,54,133	.....
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation ...	40,594	62,966	1,03,560	} 1,54,133	.....
83.—Famine Relief ...	19,540	...	19,540		
Total ...	60,134	62,966	1,23,100	1,54,133	.....

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SAHIAT TANK.

## TANK PROJECT.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ... ..	.....	1,547	1,547
2. Leave and Pension Allowances ... ..	1,023	1,615	2,638
Total ...	1,023	3,162	4,185

## No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ... ..	...	...	...	1,03,019	1,29,980	26,961	1,03,019	Government Resolution No. 1077 of 20th April 1909. The excesses on sub-heads approved by Government in workshop vide Government Resolution No. 1547, dated 13th July 1910.
Establishment ... ..	...	...	...	18,851	22,674	3,823	18,851	
Tools and Plant ... ..	...	...	...	1,230	1,479	249	1,230	
Total ... ..	...	...	...	1,23,100	1,54,133	31,033	1,23,100	
Less—Receipts on Capital Account ... ..	...	...	...	...	...	...	...	
Net Total ... ..	...	...	...	1,23,100	1,54,133	31,033	1,23,100	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	...	...	...	1,547	29,475	27,928	1,547	
Leave and Pension Allowances ... ..	...	...	...	2,638	3,174	536	2,638	
Total ... ..	...	...	...	4,185	32,649	28,464	4,185	
Grand Total ... ..	...	...	...	1,27,285	1,86,782	59,497	1,27,285	

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## HARTALA TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ... ..	15,720	68	15,788				
5. Plantations ... ..	3,340	848	4,249				
6. Other canal produce ... ..		61					
11. Miscellaneous Receipts.	13,777	275	14,052	1. Head Works ... ..	22	...	22
<b>Total ...</b>	<b>32,837</b>	<b>1,252</b>	<b>34,089</b>				
<b>II.—INDIRECT RECEIPTS.</b>				<b>II.—MAINTENANCE AND REPAIRS.</b>			
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	1. Head Works ... ..	3,470	111	3,581
<b>Total, Receipts ...</b>	<b>32,837</b>	<b>1,252</b>	<b>34,089</b>	3. Distributaries ... ..	1,311	31	1,342
				<b>Total ...</b>	<b>4,781</b>	<b>142</b>	<b>4,923</b>
				<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ... ..	357	7	364
				3. Executive ... ..	4,732	146	4,878
				<b>Total ...</b>	<b>5,089</b>	<b>153</b>	<b>5,242</b>
				<b>V.—TOOLS AND PLANT...</b>	3	2	5
<b>Carried over ..</b>	<b>32,837</b>	<b>1,252</b>	<b>34,089</b>	<b>Carried over ...</b>	<b>9,895</b>	<b>297</b>	<b>10,192</b>



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## HARTALA TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	32,837	1,252	34,089	Brought forward ...	9,895	297	10,192
				VI.—REFUNDS OF RE- VENUE ... ..	2,957	...	2,957
				Total ...	12,852	297	13,149
				Share of Collection Charges in the Civil Department ... ..	1,434	16	1,450
				Indirect Charges debitable to Revenue Account as per Account No. 5 ... ..	729	21	750
				Total, Charges ...	15,015	334	15,349
				Balance Net Revenue ...	17,822	918	18,740
Grand Total ...	32,837	1,252	34,089	Grand Total ...	32,837	1,252	34,089

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1886-87. Construction Estimate closed on 31st March 1887—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ... ..	729	21	750

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## MHASVA TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	20,806	980	21,786	3. Distributaries ...	586	...	586
3. Sales of water ...	14	...	14	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	5,591	{ 1,505	{ 7,172	1. Head Works ...	3,130	36	3,166
6. Other canal produce. }		76 }		3. Distributaries ...	14,600	546	15,146
9. Rents of Buildings ...	154	...	154	Total ...	17,730	582	18,312
11. Miscellaneous Receipts ...	6,087	277	6,364	IV.—ESTABLISHMENT.			
Total ...	32,652	2,838	35,490	1 & 2. Direction and Accounts ...	1,301	29	1,330
II.—INDIRECT RECEIPTS.				3. Executive ...	18,608	367	18,375
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	19,309	396	19,705
Total, Receipts ...	32,652	2,838	35,490	V.—TOOLS AND PLANT... Profit and Loss ...	816	9	825
				VI.—REFUNDS OF REVENUE ...	181	...	181
				Total ...	38,771	987	39,753
				Share of Collection Charges in the Civil Department ...	1,065	49	1,114
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,878	55	2,933
				Total, Charges ...	42,714	1,091	43,805
				Balance Net Revenue ...	-10,062	1,747	-8,315
Grand Total ...	32,652	2,838	35,490	Grand Total ...	32,652	2,838	35,490

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1897—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	15	.....	15
2. Leave and Pension Allowances ...	2,863	55	2,918
Total ...	2,878	55	2,933

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

43.—MINOR WORKS AND NAVIGATION.

JAMDA CANAL.

CANAL PROJECT.

No. 8.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,10,285	6,970	2,17,255	2. Main canals and Branches ...	3,055	981	4,036
3. Sales of water ...	202	...	202	3. Distributaries ...	1,584	...	1,584
5. Plantations ...	31,997	307	32,724	Total ...	4,689	981	5,620
6. Other canal produce ...	1,875	420	1,882	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Building ...	97	7	97	1. Head Works ...	15,894	158	15,852
11. Miscellaneous Receipts ...	1,801	23	1,824	2. Main Canals and Branches ...	2,04,792	2,739	2,07,531
Total ...	2,46,257	7,727	2,53,984	3. Distributaries ...	13,547	322	13,869
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	2,34,033	3,219	2,37,252
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	17,933	210	18,143
				3. Executive ...	1,74,644	2,870	1,77,314
				Total ...	1,92,577	2,880	1,95,457
				<b>V.—TOOLS AND PLANT</b> ...	4,778	63	4,841
<b>Total, Receipts</b> ...	2,46,257	7,727	2,53,984	Profit and Loss ...	84	...	84
				<b>VI.—REFUNDS OF REVENUE</b>	571	...	571
				Total ...	4,36,682	7,143	4,43,825
				Share of Collection Charges in the Civil Department ...	10,449	348	10,797
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	30,199	403	30,602
				Total, Charges ...	4,77,330	7,894	4,85,224
				Balance Net Revenue ...	-2,31,073	-167	-2,31,240
<b>Grand Total</b> ...	2,46,257	7,727	2,53,984	<b>Grand Total</b> ...	2,46,257	7,727	2,53,984

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. The Executive Engineer has been asked to obtain the sanction of Government to close the construction estimates and submit the required statements for the completion report.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-10.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	281	.....	231
2. Leave and Pension Allowances ...	29,968	403	30,371
Total ...	30,199	403	30,602

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
43.—MINOR WORKS AND NAVIGATION.

## PARSUL TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	...	...	...
1. Water-rates from Irrigation ...	35,433	1,303	36,736	<b>II.—MAINTENANCE AND REPAIRS.</b>			
5. Plantations...	149	125	274	1. Head Works ...	3,637	106	3,773
6. Other canal produce.	444	70	514	3. Distributaries ...	2,322	199	2,521
11. Miscellaneous Receipts ...	174	...	174	<b>Total ...</b>	<b>5,989</b>	<b>305</b>	<b>6,294</b>
<b>Total ...</b>	<b>36,200</b>	<b>1,498</b>	<b>37,698</b>	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	663	11	674
<b>II.—INDIRECT RECEIPTS.</b>				3. Executive ...	10,462	640	11,102
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	<b>Total ...</b>	<b>11,125</b>	<b>651</b>	<b>11,776</b>
<b>Total, Receipts ...</b>	<b>36,200</b>	<b>1,498</b>	<b>37,698</b>	<b>V.—TOOLS AND PLANT ...</b>	<b>639</b>	<b>11</b>	<b>650</b>
				<b>VI.—REFUNDS OF REVENUE ...</b>	<b>46</b>	<b>...</b>	<b>46</b>
				<b>Total ...</b>	<b>17,799</b>	<b>967</b>	<b>18,766</b>
				Share of Collection Charges in the Civil Department ...	1,772	65	1,837
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,557	91	1,648
				<b>Total, Charges ...</b>	<b>21,128</b>	<b>1,123</b>	<b>22,251</b>
				Balance Net Revenue ...	15,072	375	15,447
<b>Grand Total ...</b>	<b>36,200</b>	<b>1,498</b>	<b>37,698</b>	<b>Grand Total ...</b>	<b>36,200</b>	<b>1,498</b>	<b>37,698</b>

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1895—vide Government Resolution No. 393, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th February 1896.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	1,557	91	1,648

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## PEAVARA RIVER WORKS—OJHAR CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	1,97,934	12,423	2,10,357	1. Head Works ...	25	...	25
3. Sales of water ...	23	3	26	2. Main Canals and Branches ...	2,503	...	2,503
5. Plantations ...		24		Total ...	2,528	...	2,528
6. Other canal produce ...	6,830	384	7,238	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...	61	2	63	1. Head Works ...	3,279	33	3,312
10. Fines ...	436	92	528	2. Main Canals and Branches ...	1,09,742	2,606	1,12,348
11. Miscellaneous Receipts ...	6,173	158	6,331	3. Distributaries ...	10,689	562	11,251
Total ...	2,11,457	13,086	2,24,543	Total ...	1,23,710	3,201	1,26,911
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	9,002	160	9,162
Enhanced Land Revenue per Government Resolution No. 275 dated 17th July 1880.	2,280	76	2,356	3. Executive ...	1,34,422	3,360	1,37,782
Total ...	2,280	76	2,356	Total ...	1,43,424	3,520	1,46,944
Total Receipts ...	2,13,737	13,162	2,26,899	<b>V.—TOOLS AND PLANT</b> ...	2,286	162	2,448
				<b>VI.—REFUNDS OF REVENUE</b> ...	1,039	...	1,039
				Total ...	2,72,987	6,883	2,79,870
				Share of Collection Charges in the Civil Department.	10,127	634	10,761
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	20,722	493	21,215
				Total, Charges ...	3,03,836	8,010	3,11,846
				Balance Net Revenue ...	-90,099	5,152	-84,947
Grand Total ...	2,13,737	13,162	2,26,899	Grand Total ...	2,13,737	13,162	2,26,899

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1858, dated 9th December 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	6	...	6
2. Leave and Pension Allowances ...	20,716	493	21,209
Total ...	20,722	493	21,215

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## BHA'TODI TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	1,07,565	6,028	1,13,593	1. Head Works ...	194	...	194
3. Sales of water...	4	...	4	2. Main Canals and Branches ...	451	801	1,252
5. Plantations ...		320		Total ...	645	801	1,446
6. Other canal produce ...	3,716	185	4,221	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...	126	5	131	1. Head Works ...	15,623	371	15,994
10. Fines ...	277	28	305	2. Main Canals and Branches ...	63,301	1,700	65,001
11. Miscellaneous Receipts ...	15,917	762	16,679	3. Distributaries ...	3,667	130	3,797
Total ...	1,27,605	7,328	1,34,933	Total ...	82,591	2,201	84,792
<b>II.—INDIRECT RECEIPTS.</b>				<b>III.—COMPENSATION</b> ...	9	...	9
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	<b>IV.—ESTABLISHMENT.</b>			
Revenue on lands irrigated by percolation per Government Resolution No. 1757, dated 16th October 1891.	25,981	1,204	27,185	1 & 2. Direction and Accounts ...	5,317	150	5,467
Increased Land Revenue per Government Resolution No. 203, dated 30th March 1878 ...	4,820	146	4,966	3. Executive ...	66,142	2,029	68,171
Total ...	30,801	1,350	32,151	Total ...	71,459	2,179	73,638
Total, Receipts ...	1,58,406	8,678	1,67,084	<b>V.—TOOLS AND PLANT</b> ...	862	152	1,014
<b>Grand Total</b> ...	1,58,406	8,678	1,67,084	<b>VI.—REFUNDS OF REVENUE.</b>	544	47	591
				Total ...	1,56,110	5,380	1,61,490
				Share of Collection Charges in the Civil Department...	8,454	428	8,882
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	10,429	305	10,734
				Total, Charges ...	1,74,993	6,113	1,81,106
				Balance Net Revenue ...	-16,587	2,565	-14,022
				<b>Grand Total</b> ...	1,58,406	8,678	1,67,084

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	102	.....	102
2. Leave and Pension Allowances ...	10,327	305	10,632
Total ...	10,429	305	10,734

IRRIGATION BRANCH.

( 101. )

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

43.—MINOR WORKS AND NAVIGATION.

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	7,091	62	7,153	2. Main Canals and Branches ...	31	...	31
3. Sales of water ...	20	...	20	<b>II.—MAINTENANCE AND REPAIRS.</b>			
5. Plantations ...	2,348	...	2,352	1. Head Works ...	15,492	97	15,589
6. Other canal produce ...		4		3	3. Distributaries ...	663	214
11. Miscellaneous Receipts ...	4,543	401	4,944	Total ...	16,155	311	16,466
Total ...	14,002	467	14,469	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	1,356	15	1,371
				3. Executive ...	7,844	204	8,048
				Total ...	9,200	219	9,419
<b>II.—INDIRECT RECEIPTS</b>				<b>V.—TOOLS AND PLANT</b> ...	1,497	30	1,527
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	26,883	560	27,443
Total, Receipts ...	14,002	467	14,469	Share of Collection Charges in the Civil Department.	353	3	356
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,414	31	1,445
				Total, Charges ...	28,650	594	29,244
				Balance Net Revenue ...	-14,648	-127	-14,775
<b>Grand Total ...</b>	<b>14,002</b>	<b>467</b>	<b>14,469</b>	<b>Grand Total ...</b>	<b>14,002</b>	<b>467</b>	<b>14,469</b>

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	1,414	31	1,445

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## SHIRSUPHAL TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	62,807	2,988	65,795	1. Head Works ...	606	...	606
3. Sales of water ...	3	...	3	<b>II.—MAINTENANCE AND REPAIRS.</b>			
5. Plantations ...	2,949	...	2,994	1. Head Works ...	8,892	297	9,189
6. Other canal produce ...		45		27,020			
11. Miscellaneous Receipts ...	9.2	570	1,562	3. Distributaries ...	26,525	495	27,020
<b>Total ...</b>	<b>66,751</b>	<b>3,603</b>	<b>70,354</b>	<b>Total ...</b>	<b>35,417</b>	<b>792</b>	<b>36,209</b>
				<b>IV.—ESTABLISHMENT.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				1 & 2. Direction and Accounts ...	3,466	40	3,506
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...	27,001	707	27,708
<b>Total, Receipts ...</b>	<b>66,751</b>	<b>3,603</b>	<b>70,354</b>	<b>Total ...</b>	<b>30,467</b>	<b>747</b>	<b>31,214</b>
				<b>V.—TOOLS AND PLANT ...</b>	<b>1,413</b>	<b>90</b>	<b>1,503</b>
				<b>VI.—REFUNDS OF REVENUE ...</b>	<b>16</b>	<b>...</b>	<b>16</b>
				<b>Total ...</b>	<b>67,919</b>	<b>1,629</b>	<b>69,548</b>
				Share of Collection Charges in the Civil Department ...	3,140	149	3,289
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,308	105	4,413
				<b>Total, Charges ...</b>	<b>75,367</b>	<b>1,883</b>	<b>77,250</b>
				<b>Balance Net Revenue ...</b>	<b>-8,616</b>	<b>1,720</b>	<b>-6,896</b>
<b>Grand Total ...</b>	<b>66,751</b>	<b>3,603</b>	<b>70,354</b>	<b>Grand Total ...</b>	<b>66,751</b>	<b>3,603</b>	<b>70,354</b>

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893. Completion Report approved in Government Resolution No. 328, dated 22nd February 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	4,308	105	4,413



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
43.—MINOR WORKS AND NAVIGATION.

BHADALVADI TANK.  
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	66,384	5,064	71,398	2. Main Canals and Branches ...	643	...	643
3. Sales of water ...	18	...	18	<b>II.—MAINTENANCE AND REPAIRS.</b>			
5. Plantations ...	1,335	...	1,910	1. Head Works ...	5,122	241	5,363
6. Other canal produce ...				575	3. Distributaries ...	23,099	901
11. Miscellaneous Receipts ...	1,235	210	1,445	Total ..	28,221	1,142	29,363
Total ...	68,922	5,849	74,771	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts... ..	2,578	57	2,635
<b>II.—INDIRECT RECEIPTS.</b>				3. Executive ... ..	21,890	1,041	22,931
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Total ...	24,468	1,098	25,566
				<b>V.—TOOLS AND PLANT ...</b>	1,313	80	1,393
				<b>VI.—REFUNDS OF REVENUE ...</b>	46	...	46
				Total ...	54,691	2,320	57,011
				Share of Collection Charges in the Civil Department ... ..	3,315	253	3,568
Total, Receipts ...	68,922	5,849	74,771	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,429	154	3,583
				Total, Charges ...	61,495	2,727	64,162
				Balance Net Revenue ...	7,487	3,122	10,609
Grand Total ...	68,922	5,849	74,771	Grand Total ...	68,922	5,849	74,771

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	3,429	154	3,583

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## VICTORIA TANK.

## TANK PROJECT.

## No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
(1)—Head Works.					
A. Preliminary Expenses ... ..	...	...	...	600	...
B. Land ... ..	4,052	...	4,052	13,200	...
C. Masonry Works ... ..	...	...	...	60,033	...
K. Buildings ... ..	...	...	...	1,000	...
L. Earth-work ... ..	40,743	...	40,743	2,72,159	...
P. Maintenance ... ..	440	13	453	652	...
Total, Head Works ... ..	45,235	13	45,248	3,47,644	...
(2)—Main Canals and Branches.					
A. Preliminary Expenses ... ..	...	...	...	200	...
B. Land ... ..	...	...	...	80	...
C. Masonry Works ... ..	...	...	...	4,500	...
K. Buildings ... ..	...	...	...	200	...
L. Earth-work ... ..	...	...	...	1,420	...
Total, Main Canals and Branches ... ..	...	...	...	6,400	...
Total, I.—Works ... ..	45,235	13	45,248	3,54,044	...
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	2,051	1	2,052	17,038	...
3. Executive ... ..	7,386	2	7,388	61,337	...
Total, II.—Establishment ... ..	9,437	3	9,440	78,375	...
<b>III.—Tools and Plant</b>					
... ..	543	...	543	5,111	...
Grand Total ... ..	55,215	16	55,231	4,37,530	...
V.—Less—Receipts on Capital Account ... ..	125	134	259	...	...
Net Outlay ... ..	55,090	—118	54,972	4,37,530	...
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation ... ..	10,386	—118	10,268	} 4,37,530	...
Do. 33.—Famine Relief ... ..	44,704	...	44,704		...
Total ... ..	55,090	—118	54,972	4,37,530	...

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## VICTORIA TANK.

## TANK PROJECT.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ... ..	2,463	.....	2,463
2. Leave and Pension Allowances ... ..	1,321	.....	1,321
Total ... ..	3,784	.....	3,784

## No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ... ..	...	...	...	45,248	3,54,044	3,08,796	45,248	Government of India's No. 449-I of 22nd March 1906, vide Government Resolution No. 1218 of 6th May 1905, Rs. 4,61,003.
Establishment ... ..	...	...	...	9,440	78,875	68,935	9,440	
Tools and Plant ... ..	...	...	...	543	5,111	4,568	543	
Total ... ..	...	...	...	55,231	4,37,530	3,82,299	55,231	
Less—Receipts on Capital Account ... ..	...	...	...	259	...	—259	259	
Net Total ... ..	...	...	...	54,972	4,37,530	3,82,558	54,972	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	...	...	...	2,463	12,500	10,037	2,463	
Leave and Pension Allowances ... ..	...	...	...	1,321	10,973	9,652	1,321	
Total ... ..	...	...	...	3,784	23,473	19,689	3,784	
Grand Total ... ..	...	...	...	58,756	4,61,003	4,02,247	58,756	

## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSION AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	16,126	1,025	17,151	1. Head Works ...	2,020	47	2,067
5. Plantations ...	1,165	41	1,206	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...							
11. Miscellaneous Receipts ...	121	...	121	1. Head Works ...	5,183	82	5,270
Total ...	17,412	1,066	18,478	2. Main Canals and Branches ...	262	6	268
				3. Distributaries ...	4,710	262	4,962
				Total ...	10,160	340	10,500
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	*3,089	...	3,089	1 & 2. Direction and Accounts ...	908	19	927
				3. Executive ...	9,575	1,005	10,580
				Total ...	10,483	1,024	11,507
				<b>V.—TOOLS AND PLANT ...</b>	296	12	308
				Total ...	22,969	1,423	24,382
				Share of Collection Charges in the Civil Department ...	1,156	51	1,207
Total, Receipts ...	20,501	1,066	21,567	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,470	143	1,613
				Total, Charges ...	25,585	1,617	27,202
				Balance Net Revenue ...	-5,084	-551	-5,635
Grand Total ...	20,501	1,066	21,567	Grand Total ...	20,501	1,066	21,567

\* This amount is to end of January 1879, after which the revenue is credited as direct water-rates.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-91.

Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	1,470	143	1,613

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
43.—MINOR WORKS AND NAVIGATION.

## ASHTI TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	1,08,750	14,579	1,23,329	1. Head Works ...	39,902	...	39,902
3. Sales of water ...	291	...	291	3. Distributaries ...	7	...	7
5. Plantations ...		31		Total ...	39,909	...	39,909
6. Other canal produce ...	11,859	465	12,355	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings.	360	19	379	1. Head Works ...	30,093	698	30,791
11. Miscellaneous Receipts ...	5,202	21	5,223	2. Main Canals and Branches ...	46,282	1,411	47,693
Total ...	1,26,462	15,115	1,41,577	3. Distributaries ...	4,165	7	4,172
				Total ...	80,540	2,116	82,656
				<b>III.—COMPENSATION ...</b>	15	...	15
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	10,321	108	10,427
				3. Executive ...	54,055	2,076	56,131
				Allowance for Collection of Revenue ...	182	...	182
				Total ...	64,558	2,182	66,740
				<b>V.—TOOLS AND PLANT.</b>	1,737	40	1,777
				Total ...	1,86,759	4,838	1,91,097
				Share of Collection Charges in the Civil Department ...	4,769	729	5,498
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	9,099	305	9,404
Total, Receipts ...	1,26,462	15,115	1,41,577	Total, Charges ...	2,00,627	5,372	2,06,999
				Balance Net Revenue ...	—74,165	9,743	—64,422
Grand Total ...	1,26,462	15,115	1,41,577	Grand Total ...	1,26,462	15,115	1,41,577

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02.  
Construction Estimate closed on 31st March 1893—vide Government Resolution No. 1411, dated 12th September 1893.  
Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	9,099	305	9,404

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## PATHERI TANK.

## TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1909.)	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>I.—WORKS.</b>					
<b>(1)—Head Works.</b>					
A. Preliminary Expenses ...	535	.....	535	535	535
B. Land ...	82,232	.....	82,232	82,232	82,232
C. Masonry Works ...	66,695	.....	66,695	66,695	66,695
K. Buildings ...	3,155	.....	3,155	3,155	3,155
L. Earth-work ...	3,15,170	.....	3,15,170	3,15,170	3,15,170
P. Maintenance ...	1,501	.....	1,501	1,501	1,501
Total, Head Works ...	4,69,288	.....	4,69,288	4,69,288	4,69,288
<b>(2)—Main Canals and Branches.</b>					
A. Preliminary Expenses ...	2,393	812	3,205	2,393	2,393
C. Masonry Works ...	1,060 *—69	10,185	11,176	991	991
L. Earth-work ...	5,881 *69	19,438	25,388	5,950	5,950
O. Miscellaneous ...	...	272	272	.....	.....
Total, Main Canals and Branches ...	9,334	30,707	40,041	9,334	9,334
<b>(3)—Distributaries.</b>					
C. Masonry Works ...	...	1,432	1,432	.....	.....
L. Earth-work ...	...	2,638	2,638	.....	.....
O. Miscellaneous ...	...	2,024	2,024	...	.....
Total, Distributaries ...	...	6,094	6,094	.....	.....
Total, I.—Works ...	4,78,622	36,801	5,15,423	4,78,622	4,78,622
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ...	19,792	1,839	21,631	19,792	19,792
3. Executive ...	71,157	6,623	77,780	71,157	71,157
Total, II.—Establishment ...	90,949	8,462	99,411	90,949	90,949
<b>III.—TOOLS AND PLANT</b>					
...	6,768	635	7,403	6,768	6,768
Grand Total ...	5,76,339	45,898	6,22,237	5,76,339	5,76,339
V.—Less—Receipts on Capital Account.	1,796	.....	1,796	1,796	1,796
Net Outlay ...	5,74,543	45,898	6,20,441	5,74,543	5,74,543
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation ...	1,79,313	45,838	2,25,211	1,79,313	1,79,313
Do. 33.—Famine Relief ...	3,95,230	.....	3,95,230	3,95,230	3,95,230
Total ...	5,74,543	45,898	6,20,441	5,74,543	5,74,543

\* Erroneous classification in previous year now rectified.

**IRRIGATION BRANCH.****BOMBAY PRESIDENCY.****PUBLIC WORKS DEPARTMENT.**

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

43.—MINOR WORKS AND NAVIGATION.

PATHRI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	...	...	...
1. Water-rates from Irrigation ...	1,505	2,331	3,836	<b>II.—MAINTENANCE AND REPAIRS.</b>			
5. Plantations ...	7	3	10	1. Head Works ...	764	471	1,235
6. Other canal produce ...	60	111	171	2. Main Canals and Branches ...	...	932	932
9. Rents of Buildings .	1	...	1	Total ...	764	1,403	2,167
11. Miscellaneous Receipts ...	...	12	12				
Total ...	1,573	2,457	4,030	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	38	66	104
				3. Executive ...	138	829	967
				Total ...	176	895	1,071
				<b>V.—TOOLS AND PLANT ..</b>	...	...	...
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	940	2,298	3,238
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Share of Collection Charges in the Civil Department ...	75	117	192
Total, Receipts ...	1,573	2,457	4,030	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	25	125	150
				Total, Charges ...	1,040	2,540	3,580
				Balance Net Revenue ...	533	—83	450
Grand Total ...	1,573	2,457	4,030	Grand Total ...	1,573	2,457	4,030

Construction Estimate closed on 31st March 1909, vide Government Resolution No. 1654 of 6th July 1909. Completion Report is before Government sanction to which is awaited.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## PATHRI TANK.

## TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ... ..	104	.. ...	104
2. Leave and Pension Allowances ... ..	12,733	1,185	13,918
Total ... ..	12,837	1,185	14,022
<b>REVENUE—</b>			
2. Leave and Pension Allowances ... ..	25	125	150

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.*	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
<b>DIRECT CHARGES.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ... ..	4,78,622	...	4,78,622	36,801	...	—36,801	5,15,423	
Establishment ... ..	90,949	...	90,949	8,462	...	—8,462	99,411	
Tools and Plant ... ..	6,768	...	6,768	635	...	—635	7,403	
Total ... ..	5,76,339	...	5,76,339	45,898	...	—45,898	6,22,237	
Less—Receipts on Capital Account.	1,796	...	1,796	...	...	...	1,796	
Net Total ... ..	5,74,543	...	5,74,543	45,898	...	—45,898	6,20,441	* These charges have been provided for in the schedule of incomplete works and estimate for the open capital account, sanction to which is awaited.
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ... ..	104	...	104	...	...	...	104	
Leave and Pension Allowances ... ..	12,733	...	12,733	1,185	...	—1,185	13,918	
Total ... ..	12,837	...	12,837	1,185	...	—1,185	14,022	
Grand Total ... ..	5,87,380	...	5,87,380	47,083	...	—47,083	6,34,463	



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## REVA'RI CANAL.

## CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	1,42,003	6,525	1,48,528	1. Head Works ...	510	...	510
3. Sales of water ...	11	...	11	2. Main Canals and Branches ...	1,117	...	1,117
5. Plantations ...	2,748	440	3,188	Total ...	1,627	...	1,627
6. Other canal produce ...							
9. Rents of Buildings	528	36	564	<b>II.—MAINTENANCE AND REPAIRS.</b>			
11. Miscellaneous Receipts ...	4	...	4	1. Head Works ...	922	16	938
Total ...	1,45,294	7,001	1,52,295	2. Main Canals and Branches ...	46,545	1,071	47,616
				Total ...	47,467	1,087	48,554
				<b>IV.—ESTABLISHMENT.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				1 & 2. Direction and Accounts ...	2,020	54	2,074
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...	31,769	461	32,230
Total, Receipts ..	1,45,294	7,001	1,52,295	Total ...	33,789	515	34,304
				<b>V.—TOOLS AND PLANT ...</b>	1,036	51	1,087
				<b>VI.—REFUNDS OF REVENUE ...</b>	19	...	19
				Total ...	83,938	1,653	85,591
				Share of Collection Charges in the Civil Department ...	7,060	326	7,386
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,794	72	5,866
				Total, Charges ...	96,792	2,051	98,843
				Balance Net Revenue ...	48,502	4,950	53,452
Grand Total ...	1,45,294	7,001	1,52,295	Grand Total ...	1,45,294	7,001	1,52,295

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96.

Construction Estimate closed on 31st March 1893, vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	Rs. 5,794	Rs. 72	Rs. 5,866

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## UPPER MAN RIVER WORKS.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	1,03,828	3,379	1,07,207	1. Head Works ...	20,145	176	20,321
3. Sales of water ...	6	...	6	3. Distributaries ...	170	...	170
5. Plantations ...	3,497	...	4,065	Total ...	20,315	176	20,491
6. Other canal produce.	...	568	...	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings...	729	34	763	1. Head Works ...	12,361	631	12,992
10. Fines ...	3	...	3	3. Distributaries ...	60,413	2,011	62,424
11. Miscellaneous Receipts ...	50	...	50	Total ...	72,774	2,642	75,416
Total ...	1,08,113	3,981	1,12,094	<b>III.—COMPENSATION ...</b>	1	...	1
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts... ...	4,277	141	4,418
				3. Executive ...	40,263	969	41,232
Total, Receipts ...	1,08,113	3,981	1,12,094	Total ...	44,540	1,110	45,650
				<b>V.—TOOLS AND PLANT ...</b>	2,449	86	2,535
				<b>VI.—REFUNDS OF REVENUE ...</b>	167	...	167
				Total ...	1,40,246	4,014	1,44,260
				Share of Collection Charges in the Civil Department ...	5,182	169.	5,351
				Indirect Charges debitable to Revenue Account as per Account No. 5... ...	6,812	155	6,967
				Total, Charges ...	1,52,240	4,338	1,56,578
				Balance Net Revenue ...	-44,127	-357	-44,484
Grand Total ...	1,08,113	3,981	1,12,094	Grand Total ...	1,08,113	3,981	1,12,094

N.B.—Last Capital Account detailed in the Administrative Accounts for 1900-01.

Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue...	24	.....	24
2. Leave and Pension Allowances ...	6,788	155	6,943
Total ...	6,812	155	6,967

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## YERLA RIVER IRRIGATION WORKS.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,26,601	23,781	2,50,382	1. Head Works ...	47,261	108	47,369
3. Sales of water ...	23	...	23	2. Main Canals and Branches ...	965	...	965
5. Plantations ...	...	...	...	Total ...	48,226	108	48,334
6. Other canal produce ...	14,209	1,130	15,339	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings ...	562	92	654	1. Head Works ...	11,853	291	12,144
11. Miscellaneous Receipts ...	1,736	...	1,736	2. Main Canals and Branches ...	91,505	2,474	93,979
Total ...	2,43,131	24,953	2,68,084	3. Distributaries ...	16,171	435	16,606
				Total ...	1,19,529	3,200	1,22,729
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	7,496	168	7,662
Total, Receipts ...	2,43,131	24,953	2,68,084	3. Executive ...	73,298	1,695	74,993
				Total ...	80,794	1,861	82,655
				<b>V.—TOOLS AND PLANT ...</b>	2,875	139	3,011
				<b>VI.—REFUNDS OF REVENUE</b>	57	...	57
				Total ...	2,51,478	5,308	2,56,786
				Share of Collection Charges in the Civil Department ...	11,324	1,187	12,511
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	12,515	261	12,776
				Total, Charges ...	2,75,317	6,756	2,82,073
				Balance Net Revenue ...	-32,186	18,197	-13,989
<b>Grand Total ...</b>	<b>2,43,131</b>	<b>24,953</b>	<b>2,68,084</b>	<b>Grand Total ...</b>	<b>2,43,131</b>	<b>24,953</b>	<b>2,68,084</b>

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1907-08.

Construction Estimate closed on 31st March 1895—*vide* Government Resolution No. 686, dated 19th May 1896.

Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	12,515	261	12,776

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
43.—MINOR WORKS AND NAVIGATION.

## CHICKLI CANAL.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	46,757	1,536	48,293	1. Head Works ...	674	...	874
3. Sales of water ...	1	...	1	2. Main Canals and Branches... ...	553	...	553
5. Plantations ...	2,270	16	2,286	Total ...	1,427	...	1,427
6. Other canal produce ...							
11. Miscellaneous Receipts ...	80	...	80	<b>II.—MAINTENANCE AND REPAIRS.</b>			
Total ...	49,108	1,552	50,660	1. Head Works ...	665	442	1,107
<b>II.—INDIRECT RECEIPTS.</b>				2. Main Canals and Branches... ...	26,451	288	26,739
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	27,116	730	27,846
Total, Receipts ...	49,108	1,552	50,660	<b>IV.—ESTABLISHMENT.</b>			
				1 & 2. Direction and Accounts ...	1,284	37	1,321
				3. Executive ...	17,599	283	17,882
				Total ...	18,883	320	19,203
				<b>V.—TOOLS AND PLANT ...</b>	413	...	413
				<b>VI.—REFUNDS OF REVENUE ...</b>	94	...	94
				Total ...	47,933	1,050	48,983
				Share of Collection Charges in the Civil Department ...	2,342	77	2,419
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,189	45	3,234
				Total, Charges ...	53,464	1,172	54,636
				Balance Net Revenue ...	-4,356	380	-3,976
<b>Grand Total ...</b>	<b>49,108</b>	<b>1,552</b>	<b>50,660</b>	<b>Grand Total ...</b>	<b>49,108</b>	<b>1,552</b>	<b>50,660</b>

N. B.—Last Capital Account detailed in the Administrative Accounts for 1892-93.

Construction Estimate closed on 31st March 1893—vide Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1903-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	3,189	45	3,234

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## MAIN TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,54,775	7,576	1,62,351	1. Head Works ...	16,811	...	16,811
5. Plantations ...	4,506	...	5,275	3. Distributaries ...	123	...	123
6. Other canal produce ...		769		...	Total ...	16,934	...
9. Rents of Buildings ...	319	...	319	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	2	2	4	1. Head Works ...	10,917	98	11,015
11. Miscellaneous Receipts ...	102	...	102	3. Distributaries ...	54,269	1,259	55,528
Total ...	1,59,704	8,347	1,68,051	Total ...	65,186	1,357	66,543
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	3,807	68	3,875
Total, Receipts ...	1,59,704	8,347	1,68,051	3. Executive ...	36,424	974	37,398
				Total ...	39,731	1,042	40,773
				V.—TOOLS AND PLANT...	1,730	94	1,824
				VI.—REFUNDS OF REVENUE ...	52	...	52
				Total ...	1,23,683	2,493	1,26,126
				Share of Collection Charges in the Civil Department ...	7,744	379	8,123
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,977	146	6,123
				Total, Charges ...	1,37,354	3,018	1,40,372
				Balance Net Revenue ...	22,350	5,929	27,679
Grand Total ...	1,59,704	8,347	1,68,051	Grand Total ...	1,59,704	8,347	1,68,051

A. B.—Last Capital Account detailed in the Administrative Accounts for 1908-1907.

Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1892.

Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	41	.....	41
2. Leave and Pension Allowances ...	5,936	146	6,082
Total ...	5,977	146	6,123

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
43.—MINOR WORKS AND NAVIGATION.

MUCHKUNDI TANK.  
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ..	410	...	410
4. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	487	...	487
5. Plantations ...	5,055	770	5,825	Total ...	897	...	897
6. Other canal produce ...				1	...	1	
10. Fines ...	1	...	1	<b>II.—MAINTENANCE AND REPAIRS.</b>			
11. Miscellaneous Receipts ...	171	...	171	1. Head Works ..	4,490	127	4,617
Total ...	7,412	770	8,182	2. Main Canals and Branches ...	2,950	49	2,999
				Total ...	7,440	176	7,616
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	343	9	352
				3. Executive ...	1,982	113	2,045
Total, Receipts ...	7,412	770	8,182	Total ...	2,275	122	2,397
				<b>V.—TOOLS AND PLANT...</b>	91	2	93
				Total ...	10,703	300	11,003
				Share of Collection Charges in the Civil Department ...	104	...	104
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	317	17	334
				Total, Charges ...	11,124	317	11,441
				Balance Net Revenue ...	-3,712	453	-3,259
Grand Total ...	7,412	770	8,182	Grand Total ...	7,412	770	8,182

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891.  
Construction Estimate closed on 31st March 1891, vide Government Resolution No. 1411, dated 12th September 1893.  
Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Total.		
	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	317	17	334

## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## GADIKERI TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS ...	...	...	...
1. Water-rates from Irrigation ...	8,959	...	8,959				
5. Plantations ...	74	...	74	II.—MAINTENANCE AND REPAIRS.			
5. Other canal produce ...		...		...			
Total ...	9,033	...	9,033	1. Head Works ...	6,757	303	7,060
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	53,518	2,061	55,579	1 & 2. Direction and Accounts ...	315	15	330
Total, Receipts ...	62,551	2,061	64,612	3. Executive ...	1,200	54	1,254
				Total ...	1,515	69	1,584
				V.—TOOLS AND PLANTS ...	14	5	19
				VI.—REFUNDS OF REVENUE.	2,021	...	2,021
				Total ...	10,307	377	10,684
Carried over ...	62,551	2,061	64,612	Carried over ...	10,307	377	10,684

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## GADIKERI TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	62,551	2,061	64,612	Brought forward ...	10,307	377	10,684
				Share of Collection Charges in the Civil Department ...	6,252	206	6,458
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	212	10	222
				Total, Charges ...	16,771	593	17,364
				Balance Net Revenue ...	45,780	1,468	47,248
Grand Total ...	62,551	2,061	64,612	Grand Total ...	62,551	2,061	64,612

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1905-06.  
Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893.  
Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	212	10	222



## IRRIGATION BRANCH

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

43.—MINOR WORKS AND NAVIGATION.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
<b>I.—DIRECT RECEIPTS.</b>	Rs.	Rs.	Rs.	<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,42,637	37,806	4,80,443	1. Head Works ...	1,900	451	2,351
3. Sales of water ...	3,739	275	4,014	2. Main Canals and Branches ...	1,184	...	1,184
5. Plantations ...	} 8,193	{ 663	} 9,577	Total ...	3,034	451	3,485
6. Other canal produce.				721			
7. Water-power ...	2,42,073	13,304	2,55,377	<b>II.—MAINTENANCE AND REPAIRS.</b>			
9. Rents of Buildings.	698	19	717	1. Head Works ...	31,232	3,177	34,409
10. Fines ...	44	...	44	2. Main Canals and Branches ...	28,847	888	29,735
11. Miscellaneous Receipts ...	9,202	1,819	10,521	3. Distributaries ...	13,291	878	19,169
Total ...	7,06,586	54,107	7,60,693	Total ...	78,370	4,943	83,313
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	3,727	270	3,997
Total, Receipts ...	7,06,586	54,107	7,60,693	3. Executive ...	61,087	4,365	65,452
				Total ...	64,814	4,635	69,449
				<b>V.—TOOLS AND PLANT...</b>	6,430	353	6,783
				<b>VI.—REFUNDS OF REVENUE...</b>	2,074	109	2,183
				Total ...	1,54,722	10,491	1,65,213
				Share of Collection Charges in the Civil Department ...	26,690	1,938	28,628
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	9,073	649	9,722
				Total, Charges ...	1,90,485	13,078	2,03,563
				Balance Net Revenue ...	5,16,101	41,029	5,57,130
<b>Grand Total ...</b>	<b>7,06,586</b>	<b>54,107</b>	<b>7,60,693</b>	<b>Grand Total ...</b>	<b>7,06,586</b>	<b>54,107</b>	<b>7,60,693</b>

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07.  
 Construction Estimate closed on 31st March 1897—vide Government Resolution No. 1395, dated 2nd October 1897.  
 Completion Report approved in Government Resolution No. 3-7, dated 10th February 1900.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## GOKAK CANAL—FIRST SECTION AND STORAGE WORKS.

## CANAL PROJECT.

## No. 4.—Interest Account for, and to end of, 1909-1910.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1908-1909.	4,26,463	Net revenue realized to end of 1908-1909 .	3,743
Interest charges for the year 1909-1910 ...	13,464	Do. during 1909-1910 ...	...
		Balance net Interest charges ...	3,743
			4,36,184
Total ...	4,39,927	Total ...	4,39,927

Interest on Outlay charged to 35—Protective Works as per Government of India's No. 4-A. I. of 19th January 1891.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
1. Capitalized abatement of Land Revenue ...	29,211	*24,068	53,279
2. Leave and Pension Allowances ...	26,893	.....	26,893
Total ...	56,104	24,068	80,172
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	9,073	649	9,722

\* Capitalized abatement of Land Revenue on lands taken up from 1896 to 1901 was not debited as the matter was under reference to the Revenue Department now brought to account.

## No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>DIRECT CHARGES.</b>								
Works ...	10,22,617	77,581	11,00,148	...	...	...	11,00,148	
Establishment ...	1,72,777	8,329	1,81,106	...	...	...	1,81,106	
Tools and Plant ...	21,065	171	21,236	...	...	...	21,236	
Total ...	12,16,459	86,081	13,02,490	...	...	...	13,02,490	
<b>Less—Receipts on Capital Account ...</b>	379	361	740	...	...	...	740	
<b>Net Total ...</b>	12,16,080	85,670	13,01,750	...	...	...	13,01,750	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	18,642	34,637	53,279	...	...	...	53,279	
Leave and Pension Allowances ...	25,728	1,165	26,893	...	...	...	26,893	
Total ...	44,370	35,802	80,172	...	...	...	80,172	
<b>Grand Total ...</b>	12,60,450	1,21,472	13,81,922	...	...	...	13,81,922	

NOTE:—Apportionment of the above charges—

	Direct.	Indirect.	Total.
Chargeable to 35—Protective Works ...	Rs. 4,00,939	11,727	4,12,666
Chargeable to 43—Minor Works and Navigation ...	9,00,811	88,445	9,89,256
Total ...	Rs. 13,01,750	80,172	13,81,922

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.  
43.—MINOR WORKS AND NAVIGATION.

## DAMBAL TANK.

## TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	14,466	428	14,894	1. Head Works ...	634	...	634
5. Plantations ...	7,332	...	8,993	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...		1,661			1. Head Works ...	10,517	299
11. Miscellaneous Receipts ...	142	...	142	3. Distributaries ...	670	...	670
<b>Total ...</b>	<b>21,940</b>	<b>2,089</b>	<b>24,029</b>	<b>Total ...</b>	<b>11,187</b>	<b>299</b>	<b>11,486</b>
				<b>IV.—ESTABLISHMENT.</b>			
<b>II.—INDIRECT RECEIPTS.</b>				1 & 2. Direction and Accounts ...	482	15	497
Irrigation share of Land Revenue collected in the Civil Department.	23,938	916	24,854	3. Executive ...	8,924	525	9,449
<b>Total Receipts ...</b>	<b>45,878</b>	<b>3,005</b>	<b>48,883</b>	<b>Total ...</b>	<b>9,406</b>	<b>540</b>	<b>9,946</b>
				<b>VI.—REFUNDS OF REVENUE</b>			
				...	82	...	82
				<b>Total ...</b>	<b>21,309</b>	<b>839</b>	<b>22,148</b>
				Share of Collection Charges in the Civil Department ...	3,299	113	3,412
				Indirect Charges debit-able to Revenue Account as per Account No. 5 ...	1,447	76	1,523
				<b>Total, Charges ...</b>	<b>26,055</b>	<b>1,028</b>	<b>27,083</b>
				Balance Net Revenue...	19,823	1,977	21,800
<b>Grand Total ...</b>	<b>45,878</b>	<b>3,005</b>	<b>48,883</b>	<b>Grand Total ...</b>	<b>45,878</b>	<b>3,005</b>	<b>48,883</b>

N. B.—Last Capital Account detailed in the Administrative Accounts for 1886-88. Construction Estimate closed on 31st March 1888—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1188, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
1. Capitalized abatement of Land Revenue ...	124	.....	124
2. Leave and Pension Allowances ...	1,323	76	1,399
<b>Total ...</b>	<b>1,447</b>	<b>76</b>	<b>1,523</b>

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## MEDLEBI TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Total.	1909-1910.	Previous.		Total.	1909-1910.	Previous.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	13,046	599	13,645	1. Head Works ...	141	...	141
5. Plantations ...	56	...	56	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...						1. Head Works ...	10,277
11. Miscellaneous Receipts ...	20	...	20	3. Distributaries ...	2,181	10	2,191
Total ...	13,122	599	13,721	Total ...	12,458	287	12,745
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	498	14	512
				3. Executive ...	7,962	455	8,417
Total, Receipts ...	13,122	599	13,721	Total ...	8,460	469	8,929
				<b>VI.—REFUNDS OF REVENUE.</b>	291	...	291
				Total ...	21,850	756	22,106
				Share of Collection Charges in the Civil Department ...	649	80	679
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,184	66	1,250
				Total, Charges ...	23,183	852	24,035
				Balance Net Revenue ...	-10,061	-253	-10,314
<b>Grand Total ...</b>	<b>13,122</b>	<b>599</b>	<b>13,721</b>	<b>Grand Total ...</b>	<b>13,122</b>	<b>599</b>	<b>13,721</b>

*N. B.*—Last Capital Account detailed in the Administrative Accounts for 1887-88. Construction Estimate closed on 31st March 1888—vide Government Resolution No. 1411, dated 12th September 1898. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	1,184	66	1,250

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

43.—MINOR WORKS AND NAVIGATION.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Total.	1909-1910.	Previous.		Total.	1909-1901.	Previous.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	74,191	2,551	76,742	2. Main Canals and Branches ...	1,373	164	1,537
5. Plantations ...	4,776	115	5,004	<b>II.—MAINTENANCE AND REPAIRS.</b>			
6. Other canal produce ...		113			1. Head Works ...	850	...
11. Miscellaneous Receipts ...	81	...	81	2. Main Canals and Branches ...	41,696	752	42,448
Total ...	79,048	2,779	81,827	Total ...	42,546	752	43,298
<b>II.—INDIRECT RECEIPTS</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	1,589	46	1,585
Total, Receipts ...	79,048	2,779	81,827	3. Executive ...	24,731	890	25,621
				Total ...	26,270	936	27,206
				<b>V.—TOOLS AND PLANT</b>	541	...	541
				Total ...	70,730	1,852	72,582
				Share of Collection Charges in the Civil Department .	3,721	128	3,849
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,311	131	4,442
				Total, Charges ...	78,762	2,111	80,873
				Balance Net Revenue ...	286	688	954
<b>Grand Total</b> ...	<b>79,048</b>	<b>2,779</b>	<b>81,827</b>	<b>Grand Total</b> ...	<b>79,048</b>	<b>2,779</b>	<b>81,827</b>

*N.B.*—Last Capital Account detailed in the Administrative Accounts for 1898-99. Construction Estimate closed on 31st March 1899—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1188, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances...	4,311	131	4,442

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## ASUNDI TANK.

## TANK PROJECT.

## No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
1. Water-rates from Irrigation ...	12,073	680	12,753	1. Head Works ...	219	...	219
5. Plantations... 6. Other canal produce ... 10. Fines ... 11. Miscellaneous Receipts ...	729 19 38	{ 52 }	{ 781 }	<b>II.—MAINTENANCE AND REPAIRS.</b>			
Total ...	12,859	732	13,591	1. Head Works ...	15,616	568	16,184
				3. Distributaries ...	2,043	...	2,043
<b>II.—INDIRECT RECEIPTS.</b>				Total ...	17,659	568	18,227
Irrigation share of Land Revenue collected, in the Civil Department ...	13,743	632	14,375	<b>IV.—ESTABLISHMENT.</b>			
Total, Receipts ...	26,602	1,364	27,966	1 & 2. Direction and Accounts ...	823	28	851
				3. Executive ...	13,275	651	13,926
				Total ...	14,098	679	14,777
				<b>V.—TOOLS AND PLANT ...</b>	500	...	500
				Total ...	32,476	1,247	33,723
				Share of Collection Charges in the Civil Department ...	2,001	97	2,098
				Indirect Charges debit-able to Revenue Account as per Account No. 5 ...	1,973	95	2,068
				Total, Charges ...	36,450	1,439	37,889
				Balance Net Revenue ...	-9,848	-75	-9,923
<b>Grand Total ...</b>	<b>26,602</b>	<b>1,364</b>	<b>27,966</b>	<b>Grand Total ...</b>	<b>26,602</b>	<b>1,364</b>	<b>27,966</b>

*N. B.*—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

## No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.
<b>REVENUE—</b>			
2. Leave and Pension Allowances ...	1,973	95	2,068

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.  
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## DHURMA CANAL.

## CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1909-1910.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1909-1910.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
<b>L.—WORKS.</b>					
(1)—Head Works.					
K. Buildings ... ..	446	...	446	2,013	...
(2)—Main Canals and Branches.					
A. Preliminary Expenses ... ..	...	...	...	1,775	...
B. Land ... ..	...	...	...	395	...
D. Regulators ... ..	...	393	393	15,416	...
F. River and Hill Torrent Works ... ..	...	644	644	18,011	...
G. Bridges ... ..	...	...	...	800	...
H. Escapes ... ..	...	31	31	5,700	...
K. Buildings ... ..	...	504	504	3,525	...
L. Earth-work ... ..	...	1,150	1,150	18,370	...
O. Miscellaneous ... ..	...	623	623	3,362	...
Total, Main Canals and Branches ...	...	3,345	3,345	67,354	...
Total, L.—Works ...	446	3,345	3,791	69,367	...
<b>II.—ESTABLISHMENT.</b>					
1 & 2. Direction and Accounts ... ..	22	147	169	15,884	...
3. Executive ... ..	80	530	610		
Total, Establishment ...	102	677	779	15,884	...
<b>III.—TOOLS AND PLANT</b> ...	7	44	51	1,035	...
Grand Total ...	555	4,066	4,621	86,266	...
<b>V.—Less—Receipts on Capital Account</b> ...	...	...	...	...	...
Net Outlay ...	555	4,066	4,621	86,266	...
<b>APPORTIONMENT.</b>					
Chargeable to 43.—Minor Works and Navigation ... ..	555	4,066	4,621	86,266	...
Total ...	*555	4,066	4,621	86,266	...

\* Charges incurred in previous year debited to "works for which only accounts are kept," now brought to account as they have been included in the sanctioned estimate of the project.

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

## DHUEMA CANAL.

## TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1909.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	*14	95	109

\* Vide note in Account No. 2.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of Estimate.		
<b>DIRECT CHARGES.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	3,791	69,367	65,576	3,791	Government Resolution No. 1147 of 17th May 1910.
Establishment ...	...	...	...	779	15,864	15,085	779	
Tools and Plant ...	...	...	...	51	1,035	984	51	
Total ...	...	...	...	4,621	86,266	81,645	4,621	
Less—Receipts on Capital Account .	...	...	...	...	...	...	...	
Net Total ...	...	...	...	4,621	86,266	81,645	4,621	
<b>INDIRECT CHARGES.</b>								
Capitalized abatement of Land Revenue ...	...	...	...	...	425	425	...	
Leave and Pension Allowances ...	...	...	...	109	2,221	2,112	109	
Total ...	...	...	...	109	2,646	2,537	109	
Grand Total ...	...	...	...	4,730	88,912	84,182	4,730	



## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

43.—MINOR WORKS AND NAVIGATION.

MAVINKOP TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS.</b>			
5. Plantations ...	25	...	25	1. Head Works ...	80	298	378
6. Other canal produce ...				3. Distributaries ...	158	...	158
11. Miscellaneous Receipts ...	169	...	169	Total ...	238	298	536
Total ...	194	...	194	<b>II.—MAINTENANCE AND REPAIRS.</b>			
				1. Head Works ...	1,879	43	1,928
				3. Distributaries ...	348	...	348
				Total ...	2,227	49	2,276
<b>II.—INDIRECT RECEIPTS.</b>				<b>IV.—ESTABLISHMENT.</b>			
Irrigation share of Land Revenue collected in the Civil Department.	39,131	2,203	41,334	1 & 2. Direction and Accounts ...	115	17	132
Total, Receipts ...	39,325	2,203	41,528	3. Executive ...	1,106	273	1,379
				Total ...	1,221	290	1,511
				Total ...	3,686	637	4,323
				Share of Collection Charges in the Civil Department ...	3,923	220	4,143
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	170	41	211
				Total, Charges ...	7,779	898	8,677
				Balance Net Revenue ...	31,546	1,305	32,851
Grand Total ...	39,325	2,203	41,528	Grand Total ...	39,325	2,203	41,528

N. B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1882—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1188, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1909-1910.

Particulars.	Previous.	1909-1910.	Total.
<b>REVENUE—</b>	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	170	41	211

## IRRIGATION BRANCH.

## BOMBAY PRESIDENCY.

## PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1909-1910.

## 43.—MINOR WORKS AND NAVIGATION.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1909-1910.

Receipts.	Total.			Charges.	Total.		
	Previous.	1909-1910.	Total.		Previous.	1909-1910.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
<b>I.—DIRECT RECEIPTS.</b>				<b>I.—EXTENSIONS AND IMPROVEMENTS ...</b>			
1. Water-rates from Irrigation ...	2,35,961	27,340	2,63,301		14,07,395	51,227	14,58,622
5. Plantations ...	1,23,629	1,400	1,38,944				
6. Other canal produce ...		18,915					
9. Rents of Buildings ...	8,501	2,186	10,687	<b>II.—MAINTENANCE AND REPAIRS ...</b>	45,44,097	4,80,325	50,24,422
10. Fines ...	6,913	1,752	8,665				
11. Miscellaneous Receipts ...	2,08,141	26,466	2,34,607	<b>IV.—ESTABLISHMENT.</b>			
Receipts from 1874-75 to 1899-1900 ...	12,02,054	...	12,02,054	1 & 2. Direction and Accounts ...	2,88,136	20,840	3,08,976
<b>Total ...</b>	<b>17,85,199</b>	<b>73,059</b>	<b>18,58,258</b>	3. Executive ...	9,00,243	68,970	9,69,213
<b>II.—INDIRECT RECEIPTS.</b>				<b>Total ...</b>	<b>11,88,379</b>	<b>89,810</b>	<b>12,78,189</b>
Irrigation share of Land Revenue collected in the Civil Department ...	2,01,88,912	24,05,428	2,25,94,340	<b>V.—TOOLS AND PLANT ...</b>	631	-2,536	-1,905
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	3,52,891	44,870	3,97,761	<b>VI.—REFUNDS OF REVENUE ...</b>	-32	...	-32
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	...	4,71,38,677	<b>Total ...</b>	<b>71,40,470</b>	<b>6,18,826</b>	<b>77,59,296</b>
<b>Total ...</b>	<b>6,76,80,480</b>	<b>24,50,298</b>	<b>7,01,30,778</b>	Share of Collection Charges in the Civil Department ...	12,42,283	1,46,875	13,89,158
<b>Total, Receipts ...</b>	<b>6,94,65,679</b>	<b>25,23,357</b>	<b>7,19,89,036</b>	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	*	*	*
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jâghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Charges from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
<b>Rs.</b>				<b>Total, Charges ...</b>	<b>3,06,68,430</b>	<b>7,65,701</b>	<b>3,14,34,131</b>
To end of 1903-1909 ...	19,03,084			Balance Net Revenue ...	3,87,97,249	17,57,656	4,05,54,905
Loss for 1909-1910 ...	1,92,893			<b>Grand Total ...</b>	<b>6,94,65,679</b>	<b>25,23,357</b>	<b>7,19,89,036</b>
<b>Total ...</b>	<b>20,95,977</b>						
<b>Grand Total ...</b>	<b>6,94,65,679</b>	<b>25,23,357</b>	<b>7,19,89,036</b>				

\* Not calculated in respect of "Works for which only Revenue Accounts are kept."

N. B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 686-C.W.I., dated 10th June 1901, communicated in Government Resolution No. A.I.—1453 of 12th July 1901.

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STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT,

FOR THE YEAR 1909-1910.

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## Statement of Canals in the Bombay

Source of Supply of Water.	(10) KADVA RIVER						
	(1) Ojhar Right Bank Canal.	(2) Girna Left Bank Canal.	(3) Nira Canal.	(8) Hathmati and Khari Cut Canals combined.		(9) Falkhed Canal. Ojhar Tambat Canal.	
	Pravara River.	Girna River.	River Nira and Reservoir at Bhatgar.	Hathmati Canal. Hathmati River.	Khari Cut Canal. Khari River.	Kadva River.	Banganga River.
Minimum discharge per } C. ft. per second. } second.	{ K. 34.54 R. 9.18 H.W. 0.00	{ K. 222.00 R. 56.24 H.W. 0.00	{ K. 1,918 R. 34 H.W. 5	{ K. 82 R. 109 H.W. 12	{ K. 14 R. 0 H.W. 0	{ K. 51.55 R. 4.30 H.W. 1.40	{ K. 1.20 R. 0.00 H.W. 0.00
Maximum discharge of } Canal. } " ...	{ K. 18.81 Water not admitted into canal.	{ K. 36.00 R. 30.00 H.W. 1.00	{ 456	{ 257	{ 267	{ K. 36.38 R. 42.50 H.W. 20.23	{ K. 6.50 R. 7.90 H.W. 0.00
Average annual rainfall ... Inches.	19.61	11.40	20.30	{ K. 39.47 R. 0.01	{ K. 35.67 R. 0.04	{ 26.07	17.18
Gross area commanded ... Acres.	73,763	18,932	274,447	62,044		28,332	8,055
Culturable do. ... "	60,000	15,109	\$227,670	40,340		26,280	7,421
Area irrigable by complete project ... "	} Information not available.	} Information not available.	113,280	22,336		23,466	6,824
Do. at present . "			113,280	19,500		9,337	2,367
Sanctioned Estimate—							
Direct charges ... Rs.	12,45,043	16,99,056	57,34,655	6,85,724		2,38,087	14,541
Indirect charges ... "	1,36,121	70,540	3,69,780	46,365		15,761	333
Interest during construction ... "	.....	...	28,44,872	2,37,687		2,12,554	2,411
Total Estimate ... Rs.	13,81,164	17,69,596	89,49,307	9,69,776		4,66,402	17,785
Expenditure to end of 1909-1910—							
{ Direct charges... Rs.	3,82,592†	15,16,235	60,70,183	10,91,956		2,71,326	7,186
{ Indirect charges " "	7,411†	52,064	3,63,751	68,500		16,810	647
{ Interest during construction . "	.....	2,48,364	*31,56,403	2,37,687		3,17,565	5,044
Total Expenditure ...Rs.	3,90,003†	18,16,653	95,90,337	13,98,143		6,05,701	12,877
Works as now sanctioned—							
Main Canals, Irrigation ... Miles.	26.50	13.11	100.25	37		11	8
Branch Canals do. ... "	.....	...	...	8		...	...
Distributaries ... "	6.00	9.40	139	37		21.50	...
Of above—							
Navigable Channels ... Miles.	.....	...	.....	.....		...	...
Works completed at end of 1909-1910—							
Main Canals, Irrigation ... Miles.	11.33	13.11	100.25	37		11	4.50
Branch Canals do. ... "	.....	...	...	8		...	...
Distributaries ... "	6.00	...	139	42		14.36	...
Of above—							
Navigable Channels ... Miles.	.....	...	.....	.....		...	...

\* Nira Canal to end of March 1899 ... 80,11,067  
 Shetphal Tank to end of March 1906 ... 1,45,336  
 81,56,403

† These figures represent expenditure on the Pravara River Project.  
 § Includes 25,000 acres commanded by Shetphal Tank.

A.

Presidency, excluding Sind, for the year 1909-1910.

Works.	(11) Lakh Canal.	(14) Krishna Canal.	(20) Jámda Canal.	(22) Ojhar Left Bank Canal.	(30) Revári Canal.	(38) Chikhli Canal.	(37) Gokák Canal, 1st Section and Storage Works.	
Kádva River.	Pravara River.	River Krishna and Rainfall.	Girna River.	Pravara River.	River Wárna and Rainfall.	River Nándni and Rainfall.	River Ghatprabha and Storage Works.	
K. 111-90 R. 6-54 H.W. 1-45	K. 45-61 R. 0-00 H.W. 0-00	K. 29-26 R. 125-96 H.W. 8-41	K. Nil. R. 22-27 H. W. Nil.	K. 31-54 R. 9-18 H.W. 0-00	K. 1-55 R. 7-10 H. W. 1-85	K. 0-28 R. 6-88 H. W. 0-29	K. 0-00 R. 18-93 H. W. 0-00	
K. 8-08 R. 10-16 H.W. 4-58	K. 63-88 R. 49-08 H.W. 0-00	} 89-27	Left Bank, Right Bank. K. 42-18 16-19 R. 33-20 14-72 H.W. 38-16 7-89		K. 106-66 R. 40-43 H. W. 4-90	} 15-84	} 5-91	} Canal. Miles. K. 66 68 R. 66 68 H. W. 7-33 68
19-52	22-31		..	25-08				
3,486 2,729	29,913 25,536	28,327 26,453	Left Bank. 37,122 Right Bank. 9,166	33,124 7,061	23,724 21,155	3,813 3,624	1,871 1,478	18,668 17,627
2,433	22,760	12,320	3,500	1,500	20,088	1,920	1,478	17,627
2,433	11,280	12,320	3,500	1,500	14,763	1,920	1,478	17,627
29,771 1,540	3,75,189 20,277	8,29,067 48,216	10,27,238 61,402		3,25,902 22,309	56,324 3,124	53,803 3,612	13,19,115 76,902
32,150	3,65,298	7,83,613	.....		...	.....	.....	1,44,865
68,461	7,60,764	16,60,896	10,88,640		3,48,211	59,448	57,415	15,40,882
28,291 2,354	3,52,446 19,445	8,20,237 46,390	9,91,178 49,911		3,24,817 23,238	56,771 3,040	53,803 3,639	13,01,750 80,172
45,081	3,55,414	7,83,061	.....		...	.....	.....	2,41,093
75,676	7,27,305	16,49,638	10,41,089		3,47,550	59,811	57,442	16,23,015
8-62	23	35-25	39		19	5-66	6-50	4-10
...	...	26-25	.....		...	5-25	.....	12-03
...	11	...	75		25	.....	.....	35-43
...	...	...	.....		...	.....	.....	.....
8-62	23	35-25	39		19	5-00	6-50	4-10
...	...	28-62	.....		...	5-25	.....	12-03
...	9-37	...	75		21	.....	.....	35-43
...	...	...	.....		...	.....	.....	.....

Statement of Reservoir Projects in the

	(2)	(3)	(3)A	(4)	(5)	(10)	(12)	(12)A	(13)	(15)	(16)	(17)	(18)	(19)		
Source of Supply.	Chankapur Tank.	Bhatnagar Reservoir, Nira Canal.	Shetphal Tank.	Mhaswad Tank.	Lower Pajhira River Works and Mukti Tank.	Kadva River Works (Waghad Tank).	Mutha Reservoir, Lake Fife.	Matoba Tank.	Ekrak Tank.	Wangrol Tank.	Tranra-Nagramma Tanks, Matar Drainage Channel and Rainfall.	Savli Tank.	Hartala Tank.	Mhasva Tank.		
	Girna River and Rainfall.	Yalvandi River and Ghis Catchment.	Nila, Rainfall and surplus water from Nira Canal.	Man River and Rainfall.	Local Streams.	Kolvan River.	Mutha River and Rainfall.	Nila, Rainfall and surplus water from Mutha Right Bank Canal.	Adhela River and Rainfall.	Kharwa Nalla and Rainfall.	Tranra Tank.	Nagramma Tank.	Gadla Nalla and Rainfall.	Local Streams.		
II supplied by rain-fall.	Area of catchment, Sq. miles	100.00	128	2.33	(A) 480	34.3	29.00	199.00	10.00	169	13	Nil.	1.50	11	8.80	13.40
	Average annual rainfall ... Inches...	30.61	145	15.22	21.24	21.06	48.06	(d) 188.00	16.50	30.30	34.89	31.81	31.81	30.41	24.94	27.80
Contents of tanks between levels of surface of full supply and sill of canal head sluice.	Millions of cubic feet.	1,109.88	5,500	592	2,633	342.8	606	(c) 3,447	229	3,310	175.72	49.20	59.84	105.00	134.9	158.5
Area of surface at full supply.	Acres and decimals.	1,043.49	4,775	890	4,013.90	509	773	3,753	477.46	4,851	549.39	199.03	222.91	388.00	472	421
Gross area commanded ...	Acres.	(f)...		25,000*	129,045	13,117	(f)...	94,087	10,700	17,152	2,500	1,500	888	4,700	584	4,047
Culturable do. ...	(f)...			25,000*	106,214	12,627	(f)...	149,800	7,133	16,941	1,800	1,500	888	4,700	527	4,076
Area irrigable by complete project ...	(f)...			4,200	24,800	12,627	(f)...	16,800	3,250	16,941	1,800	925	600	3,000	415	1,700
Do. at present ...	(f)...			4,200	24,800	12,627	(f)...	16,800	3,250	16,941	2,000	800	400	3,000	416	1,700
Wells supplied by tanks ...	No.	(f)...			12	...	(f)...	...	...	...	Nil.	Nil.	Nil.	...	...	...
No irrigation direct from this Reservoir.																
Sanctioned Estimate—																
Direct Charges ...	Ra.	(a)...	(a)...	7,04,442	20,24,327	4,44,498	4,07,662	64,62,810	1,03,000	12,28,243	1,96,857	2,81,048	2,25,703	48,890	1,29,813	
Indirect Charges ...	(a)...	(a)...	(a)...	46,435	1,03,947	22,774	16,335	2,56,749	17,600	1,06,687	46,116	51,686	23,619	26,150	10,202	
Interest during construction...	(a)...	(a)...	(a)...	55,157	6,56,222	2,37,421	2,17,233	56,64,209	...	8,00,650	Nil.	Nil.	Nil.	...	...	
Total Estimate ...	Ra.	(a)...	(a)...	8,06,034	27,84,496	7,04,641	7,01,730	1,23,73,762	2,10,500	21,35,680	2,42,973	3,12,734	2,49,223	75,040	1,40,015	
Expenditure to end of 1900-1910.																
Direct Charges ...	Ra.	(a)...	(a)...	(a)...	20,05,553	4,45,332	6,64,874	73,32,446	Included in Mutha Canal.	12,28,117	2,07,302	2,36,137	2,32,615	47,949	1,23,761	
Indirect Charges ...	(a)...	(a)...	(a)...	(a)...	90,463	23,239	18,225	2,60,998	...	1,12,269	81,636	41,205	20,271	25,434	10,175	
Interest during construction ...	(a)...	(a)...	(a)...	(a)...	14,45,492	4,18,859	4,45,241	56,50,549	...	10,27,893	Nil.	Nil.	Nil.	...	...	
Total Expenditure ...	Ra.	(a)...	(a)...	(a)...	35,41,503	8,87,460	11,29,040	1,32,43,992	...	23,68,279	2,38,937	2,77,362	2,62,886	73,382	1,38,956	
Works as now sanctioned—																
Dam (earth or masonry) ...	Masonry	Masonry.	Earth.	Earth.	Earth.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	
Total height ... Feet.	92	(b) 127 (c) 108	68-00	79-79	65	95	97-84	48-41	78	27-18	15-95	17-12	37-5	51-50	44	
Canals ... Miles.	(k)...		6-54	(f) 68-25	...	(g)...	88-00	...	48	3 miles and 12 chains.	5 miles and 15 chains.	2 miles and 13 chains.	6 miles and 21 chains.	...	...	
Distributaries ...	(k)...			...	41-50	45	(g)...	70-00	17	1-68	Nil.	Nil.	Nil.	5-5	7	
Works completed at end of 1900-1910—																
Dam (height completed) ... Feet.	92	(b) 127 (c) 108	68-00	79-79	65	96	97-84	48-41	78	27-18	15-94	17-12	37-5	51-50	44	
Canals ... Miles.	(k)...		6-54	(f) 68-25	...	(g)...	88-00	...	46	8 miles and 12 chains.	5 miles and 15 chains.	2 miles and 13 chains.	8 miles and 11 chains.	...	...	
Distributaries ...	(k)...			...	41-50	45	(g)...	67-00	17	1-68	Nil.	Nil.	Nil.	5-5	7	

\* This area is also commanded by the Nira Canal.  
 † Includes 7,133 acres commanded by Matoba Tank.  
 (a) Figures given in Statement I-A.  
 (b) Above lowest foundation.  
 (c) Above lowest point in river bed.  
 (d) Estimated rainfall in the catchment.

A.  
Bombay Presidency, excluding Sind, for 1909-1910.

(21)	(22)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(34)	(35)	(36)	(37)	(38)	(40)	(41)	(42)	
Parul Tank.	Bhatodi Tank.	Kasurdi Tank.	Shiruphal Tank.	Bhadladi Tank.	Koregaon Tank.	Ashti Tank.	Patri Tank.	Upper Man River works (Pingli Tank).	Yera River Irrigation Works (Nahr Tank).	Main Tank.	Muchkund Tank.	Gadkeri Tank.	Golk Canal, 1st Section, and Storage Works.	Dambal Tank.	Medlari Tank.	Arundi Tank.	Madag Tank.	Mavin-kop Tank.	
Parul River.	Mehakri River.	Kasurdi Nala and Rain-fall.	Minor Tributary of the Bhima River and Rain-fall.	Minor Tributary of the Bhima River and Rain-fall.	Nala and Rainfall.	Ashti Nala and Rainfall.	Yera River and Rainfall.	Man River and Rain-fall.	Yera River and Rain-fall.	Wanga Nala and Rain-fall.	Muchkund Nala and Rain-fall.	Rain-fall.	Ghatprabha River.	Rain-fall.	Medlari Nala and Rain-fall.	Rain-fall.	Rumud-wadi River and Rain-fall.	Rain-fall.	
17'33	44'00	6'00	23'00	23'00	4'	92	27'5	20'00	59'55	51'70	28	4'98	1,080	43	11	23	540	0'25	
16'20	23'84	18'24	17'38	20'58	22'63	25'09	39'34	17'97	25'43	20'87	20'22	24'31	(a).....	19'56	30'07	23'30	29'20	39'01	
118'70	154'00	14'5	305	223	81	1,419	407	193	489'77	183'00	034	27'50	(f) 807'183	118'66	57'00	74'00	54'63	45'75	
151	315'13	879	833'79	335'13	202	2,830	681	349'04	070'09	427'76	1,050'00	139'00	2,731'86	442	109	418	363	170'50	
3,337	15,128	697	4,500	3,000	Not known.		17,882	5,000	8,443	11,234	4,378	5,570	687	(a).....	3,000	1,916	1,900	2,851	672
3,197	13,657	478	2,500	2,400	Not known.		16,825	4,686	7,623	10,680	4,625	5,417	Not known.	(a).....	2,500	830	1,011	1,345	755
1,000	12,124	150	1,800	2,000	1,050	11,780	2,500	2,080	6,000	4,625	3,417	450	(a).....	2,500	1,052	1,011	2,188	755	
1,000	12,124	150	1,800	2,000	1,050	11,780	2,500	2,080	5,480	4,625	750	417	(a).....	1,000	600	1,011	1,345	617	
...	...	...	...	...	...	...	...	29	28	13	...	Not known.	41	Un-certain.	...	...	...	...	...
2,15,380	3,51,767	40,812	2,09,460	1,14,382	40,731	7,54,250	6,43,141	4,16,341	6,06,754	3,68,000	1,48,200	18,890	(a).....	61,162	79,237	67,731	2,32,283	30,379	
8,246	26,511	4,778	12,822	14,342	1,318	80,677	29,715	23,190	48,560	22,492	20,220	541	(a).....	3,744	3,468	12,754	17,144	4,035	
...	...	...	...	...	...	...	...	...	...	...	...	...	(a).....	...	...	...	...	...	...
2,23,612	3,78,273	45,590	2,23,262	3,28,724	42,046	8,34,927	6,72,566	4,44,531	7,45,314	3,90,462	1,68,420	17,531	(a).....	64,906	81,705	80,485	2,49,407	34,554	
2,06,007	3,52,685	40,812	2,12,199	2,13,115	37,923	7,57,050	6,20,441	4,15,836	7,19,542	4,62,125	1,40,217	16,388	(a).....	60,847	78,354	60,741	1,61,248	30,185	
6,988	27,022	4,778	12,369	14,307	1,260	79,041	14,029	23,451	45,323	25,625	18,490	555	(a).....	3,133	3,038	14,254	6,850	3,319	
...	...	...	...	...	...	...	...	...	...	...	...	...	(a).....	...	...	...	...	...	...
2,14,996	3,79,707	45,590	2,24,568	2,27,422	39,139	8,38,091	6,34,468	4,39,339	7,64,870	4,37,650	1,68,707	16,918	(a).....	63,990	81,362	74,995	1,67,688	33,501	
Earth.	Masonry	Earth.	Earth.	Earth.	2 duns, 1 earth & 1 masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Earth.	Masonry well.	Earth.	Earth.	Earth.	Earth.	Earth.	
62'27	50	33'45	54'32	55'09	71 & 16	57'75	63'75	53'50	74	67'33	60	20	27 feet (maximum above foundations).	42'25	41	33'95	100	30'53	
...	4'50	...	...	...	3'75	27'50	(j) 4'60	17'50	33'33	9'25	5'5	...	16'113	...	...	...	9	...	
4'75	5'50	1'75	12'5	9'75	...	3	(j) 3'33	6'50	4	7'68	2'25	Irrigation Channels.	35'43	3'27	5'64	4'36	...	12'68	
62'27	50	33'45	54'32	55'09	71 & 16	57'75	63'75	53'50	74	67'33	60	20	27'00	42'25	41	33'95	100	30'53	
...	4'50	...	...	...	3'75	27'50	4'60	17'50	33'33	9'25	5'5	...	4'10 and Wadavri n a t h Branch, 12'03	...	...	...	9	...	
4'75	5'50	1'75	12'5	9'75	...	3	3'33	6'50	4	7'68	2'25	Irrigation Channels.	35'43	3'27	5'64	4'36	...	2'68	

(e) Storage available after deducting 508 million cubic feet not used on account of the Poona water-supply.  
 (f) Information supplied in Statement I-A, the tank being only a feeder.  
 (g) The tank supplies the Palkhed, Ojhar Tambat and Wadali Canals and their distributaries as noted in Statement I-A.  
 (h) Exclusive of 29 miles of Gondavali Canals.  
 (i) Includes 334 miles of branch canals.  
 (j) Estimate not yet sanctioned.  
 (k) The tank supplies the Girna Left Bank Canal and Palms, Sawki, and Box bandhars.  
 \* Right Bank, 1'13 miles channel constructed by this Department in 1901-1902. Left bank, 1'26 miles Irrigation Channel.  
 † An additional storage of 214 million cubic feet was obtained by raising the weir temporarily, the full supply level being at 1'74 feet above crest of the present weir.

I—  
Capital Account of Irrigation Works in Deccan

Name of Work.	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
	2	3	4	5	6	7	8	9	10	
<b>MAJOR WORKS.</b>										
<b>35.—PROTECTIVE IRRIGATION WORKS.</b>										
<i>In Operation.</i>										
1. Pravara River Canal Project ... ..	1,30,568	34,545	68,010 (a) 7,988	} 2,80,801	...	2,80,301	...	4,886	4,886	
2. Chankápur Tank ... ..	1,20,611	24,693	4,324 (a) — 64		1,49,564	...	1,49,564	18,289	8,457	16,746
3. Nira Canal including Shetphal Tank ...	...	...	...		...	...	...	56	...	56
4. Mhasvad Tank ... ..	...	...	...	...	...	...	...	...	...	
Total ... ..	3,00,969	59,238	62,334 (a) 7,324	4,29,865	...	4,29,865	13,345	8,293	21,638	
<i>Under Construction.</i>										
5. Maládevi Tank ... ..	—539	—23	...	—567	46	—613	...	—4	—4	
6. Godaveri Tank ... ..	16,83,716	1,84,021	36,271 (a) 37,700	} 19,41,707	84	19,41,623	18,131	25,763	43,894	
7. Bhudihal Tank ... ..	282	51	...		333	100	233	...	7	7
Total ... ..	16,83,458	1,84,044	36,271 (a) 37,700	19,41,473	230	19,41,243	18,131	25,766	43,897	
Total, Protective Irrigation Works ...	19,84,427	2,43,232	98,605 (a) 45,024	23,71,338	230	23,71,108	31,476	34,059	65,535	
<b>49.—IRRIGATION WORKS.</b>										
<b>PRODUCTIVE WORKS.</b>										
<i>In Operation.</i>										
8. Háthmati Canal including Khári Cut Canal ... ..	11,696	2,529	105	14,390	...	14,390	236	354	590	
9. Lower Pánjhra River Works ... ..	...	...	...	...	...	...	...	...	...	
10. Kádva River Works ... ..	2,132	...	879	3,011	...	3,011	1,684	...	1,684	
11. Pravara River Works—Lákh Canal ...	...	...	...	...	...	...	...	...	...	
12. Mutha Canals including Mátoba Tank... ..	48,510	5,636	268 (a) 206	} 54,620	...	54,620	...	780	789	
13. Ekrak Tank ... ..	...	...	...		...	...	...	...	...	...
14. Krishna Canal ... ..	...	...	...	...	...	...	...	...	...	
Total, Productive Works ... ..	62,338	8,165	1,312 (a) 206	72,021	...	72,021	1,920	1,143	3,063	
Total, Major Works ... ..	20,46,765	2,51,447	99,917 (a) 45,230	24,43,359	230	24,43,129	33,396	35,202	68,598	
<b>43.—MINOR WORKS AND NAVIGATION.</b>										
<i>In Operation.</i>										
15. Wangroli Tank ... ..	...	...	...	...	...	...	...	...	...	
16. Trasa-Nagramma Tank ... ..	...	...	...	...	...	...	...	...	...	
17. Savli Tank ... ..	9,994	2,299	150	12,443	...	12,443	175	322	497	
18. Hartala Tank ... ..	...	...	...	...	...	...	...	...	...	
19. Mhasra do. ... ..	...	...	...	...	...	...	...	...	...	
20. Jánda Canals ... ..	...	...	...	...	...	...	...	...	...	
21. Parsul Tank ... ..	...	...	...	...	...	...	...	...	...	
22. Pravara River Works—Ojhar Left Bank Canal ... ..	...	...	...	...	...	...	...	...	...	
23. Bhátodi Tank ... ..	...	...	...	...	...	...	...	...	...	
24. Kásurdi do. ... ..	...	...	...	...	...	...	...	...	...	
25. Shirsuphal do. ... ..	...	...	...	...	...	...	...	...	...	
26. Bhádalvádi do. ... ..	...	...	...	...	...	...	...	...	...	
27. Koregaon do. ... ..	...	...	...	...	...	...	...	...	...	
28. Ashti do. ... ..	...	...	...	...	...	...	...	...	...	
29. Pathri do. ... ..	36,801	8,462	635	45,898	...	45,898	...	1,185	1,185	
30. Bevári Canal ... ..	...	...	...	...	...	...	...	...	...	
31. Upper Mán River Works ... ..	...	...	...	...	...	...	...	...	...	
32. Yerla River Irrigation Works ... ..	...	...	...	...	...	...	...	...	...	
Carried over ... ..	46,799	10,762	765	58,346	...	58,346	175	1,507	1,682	
	20,46,765	2,51,447	99,917 (a) 45,230	24,43,359	230	24,43,129	33,396	35,202	68,598	

(a) Suspense Account.



B.  
and Gujarat for and to end of 1903-1910.

Grand Total.	To end of Year.										
	Direct Charges.						Indirect Charges.				Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Total.		
11	12	13	14	15	16	17	18	19	20	21	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
2,85,187	2,62,482	52,938	59,911 (a) 7,388	3,82,669	77	3,82,592	...	7,411	7,411	3,90,008	
1,66,310	12,04,069	2,51,351	62,947	15,16,867	2,132	15,16,235	16,235	35,829	52,064	15,68,299	
56	48,01,215	11,54,274	1,23,076	60,78,565	3,382	60,70,183	1,84,870	1,78,872	3,63,751	64,89,934	
...	15,98,308	3,45,781	62,937	20,07,028	1,473	20,05,553	36,924	53,539	90,468	20,96,016	
4,51,503	78,66,024	13,04,344	3,08,871 (a) 7,388	99,86,627	12,064	99,74,563	2,38,088	2,76,651	5,13,689	1,04,86,252	
-617	2,42,869	60,546	1,473	3,04,868	1,621	3,03,267	875	9,018	9,888	3,13,156	
19,85,517	33,74,441	4,20,542	1,79,636 (a) 37,706	40,12,325	151	40,12,174	40,482	58,875	99,367	41,11,631	
240	8,95,709	89,082	5,018	4,89,789	641	4,89,148	5,741	12,468	18,209	5,07,857	
19,85,140	40,13,019	5,70,150	1,86,127 (a) 37,706	48,07,002	2,413	48,04,589	47,098	80,856	1,27,454	40,32,043	
24,86,648	1,18,79,048	23,74,494	4,94,998 (a) 45,094	1,47,93,629	14,477	1,47,79,152	2,85,136	3,56,007	6,41,148	1,54,20,296	
14,980	8,22,415	1,99,499	11,517	10,93,425	1,469	10,91,956	33,565	34,985	68,500	11,60,456	
...	3,67,308	74,838	3,228	4,45,419	37	4,45,382	6,894	14,545	23,229	4,69,621	
4,696	7,80,481	1,85,801	22,555	9,71,617	140	9,71,677	7,419	21,317	28,736	10,10,413	
...	2,64,529	68,611	19,477	3,62,647	201	3,62,446	5,824	13,621	19,445	3,71,891	
56,409	61,24,697	10,95,053	1,24,939	73,44,679	12,334	73,32,445	59,859	2,01,139	2,60,998	75,93,443	
...	10,07,089	2,12,509	9,718	12,29,311	1,194	12,28,117	69,948	42,321	1,12,269	13,40,386	
...	6,78,085	1,42,520	1,682	8,20,287	...	8,20,237	18,516	27,874	46,890	8,66,627	
75,084	1,00,82,519	19,81,905	1,93,111	1,22,57,535	16,275	1,22,42,260	2,03,825	3,65,752	5,69,577	1,28,11,687	
25,11,727	2,19,81,562	43,56,399	6,88,103 (a) 45,094	2,70,51,164	29,752	2,70,21,412	4,88,961	7,21,759	12,10,720	2,82,32,132	
...	1,88,510	23,033	1,502	2,08,045	748	2,07,302	28,460	3,225	31,685	2,38,987	
5	2,21,097	14,168	924	2,36,189	2	2,36,187	39,222	1,983	41,205	2,77,392	
12,940	2,00,739	30,156	1,967	2,32,862	247	2,32,615	16,049	4,222	20,271	2,53,886	
...	33,437	11,986	2,579	47,962	4	47,948	23,052	2,362	25,434	73,392	
...	1,01,269	26,899	1,129	1,29,787	6	1,28,781	5,026	5,149	10,175	1,35,956	
...	7,36,229	1,91,841	13,129	9,31,199	21	9,31,178	12,015	37,856	49,911	10,41,086	
...	1,62,423	42,832	2,823	2,08,078	71	2,08,007	972	6,016	6,988	2,14,995	
...	2,94,163	85,770	4,528	3,24,461	144	3,24,317	6,943	16,290	23,233	3,47,550	
...	2,73,833	70,183	3,854	3,53,375	690	3,52,685	13,023	13,999	27,022	3,79,707	
...	31,433	8,495	834	40,812	...	40,812	3,079	1,699	4,778	45,590	
...	1,71,143	38,100	2,861	2,12,199	...	2,12,199	5,137	7,232	12,369	2,24,568	
...	1,57,001	53,493	2,621	2,13,115	...	2,13,115	4,087	10,240	14,307	2,27,422	
...	30,044	7,661	218	37,923	...	37,923	...	1,266	39,189	...	
...	6,08,236	1,45,084	3,122	7,62,442	5,392	7,57,050	52,311	26,730	79,041	8,36,091	
47,083	5,15,423	99,411	7,403	6,22,237	1,796	6,20,441	104	13,918	14,022	6,34,463	
...	47,057	9,698	21	56,771	...	56,771	1,269	1,781	3,040	59,811	
...	3,14,286	95,008	6,782	4,16,076	241	4,15,835	5,880	17,571	23,451	4,39,286	
...	5,89,656	1,24,186	8,065	7,21,907	2,365	7,19,542	23,684	22,644	46,328	7,64,870	
60,028	46,61,979	10,77,539	74,612	58,14,480	11,722	58,02,708	2,39,283	1,94,243	4,33,526	62,36,234	
25,11,727	2,19,81,562	43,56,399	6,88,103 (a) 45,094	2,70,51,164	29,752	2,70,21,412	4,88,961	7,21,759	12,10,720	2,82,32,132	

Name of Work.	DURING YEAR.								
	Direct Charges.					Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	20,46,765	2,51,447	99,617 (a)45,230	24,43,300	230	24,43,129	33,396	35,202	68,598
	46,799	10,762	785	58,346	...	58,346	175	1,507	1,682
<b>43.—MINOR WORKS AND NAVIGATION—concluded.</b>									
<i>In Operation—concluded.</i>									
33. Chikhli Canal ... ..	...	...	...	...	...	...	...	...	...
34. Maini Tank ... ..	...	...	...	...	...	...	...	...	...
35. Muehkundi do. ... ..	...	...	...	...	...	...	...	...	...
36. Gadikeri do. ... ..	...	...	...	...	...	...	...	...	...
37. Gokak Canal, 1st Section, and Storage Works ... ..	...	...	...	...	...	...	24,068	...	24,068
38. Dambal Tank ... ..	...	...	...	...	...	...	...	...	...
39. Medleri do. ... ..	...	...	...	...	...	...	...	...	...
40. Asundi do. ... ..	...	...	...	...	...	...	...	...	...
41. Madag do. ... ..	...	...	...	...	...	...	...	...	...
42. Mavinkop do. ... ..	...	...	...	...	...	...	...	...	...
Total ...	46,799	10,762	785	58,346	...	58,346	24,248	1,507	25,750
<i>Under Construction.</i>									
43. Sahist Tank ... ..	50,674	11,539	753	62,966	...	62,966	1,547	1,615	3,162
44. Victoria do. ... ..	13	3	...	16	134	—118	...	...	...
45. Dharma Canal ... ..	3,345	677	44	4,066	...	4,066	...	85	95
Total ...	54,032	12,219	797	67,049	134	68,914	1,547	1,710	3,257
<i>In Abeyance.</i>									
46. Gokak Canal, 2nd Section ... ..	...	...	...	...	...	...	...	...	...
Total, Minor Works and Navigation ...	1,00,531	22,981	1,682	1,25,394	134	1,25,260	25,790	3,217	29,007
GRAND TOTAL ...	21,47,596	2,74,428	1,01,499 (a)45,230	25,68,793	364	25,68,389	59,186	38,419	97,605

(a) Suspense Account.

(b) Includes Rs. 4,12,666 charged to 35—Protective Irrigation Works.

—concluded.

Grand Total.	TO END OF YEAR.									Grand Total.
	Direct Charges.					Indirect Charges.				
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
25,11,727	2,19,61,562	43,56,399	6,88,109 (a) 45,094	2,70,51,164	22,752	2,70,21,412	4,58,961	7,21,769	12,10,720	2,82,92,192
60,028	46,61,979	10,77,589	74,912	58,14,430	11,722	58,02,708	2,99,283	1,94,243	4,38,526	62,36,234
...	89,984	13,611	208	58,803	...	58,803	917	2,722	3,839	57,442
...	8,43,053	1,16,100	8,512	4,82,665	540	4,82,125	3,875	21,850	25,625	4,87,650
...	1,11,830	26,360	2,294	1,40,484	267	1,40,217	14,886	4,104	18,490	1,58,707
...	13,105	3,118	140	16,863	...	16,363	13	643	556	16,918
24,068	11,00,148	1,81,106	21,236	13,02,490	740	13,01,750	53,279	26,893	80,172	(b) 13,81,922
...	49,282	10,769	878	60,909	62	60,847	1,034	2,099	3,133	63,980
...	61,831	15,324	1,165	78,360	6	78,354	243	2,795	3,038	81,392
...	43,895	10,881	1,055	60,741	...	60,741	12,536	1,718	14,254	74,995
...	1,26,596	81,841	2,825	1,61,262	14	1,61,248	...	6,350	6,350	1,67,598
...	23,738	6,232	353	30,323	188	30,185	2,101	1,218	3,319	33,504
84,096	65,80,381	14,92,881	1,08,588	81,81,830	13,489	81,68,341	3,27,667	2,64,334	5,92,001	87,60,342
66,128	1,03,019	13,851	1,230	1,23,100	...	1,23,100	1,547	2,638	4,185	1,27,285
—118	45,243	9,440	543	55,231	259	54,972	2,463	1,321	3,784	58,756
4,161	3,791	779	51	4,621	...	4,621	...	109	109	4,730
70,171	1,52,058	29,070	1,824	1,82,952	259	1,82,693	4,010	4,063	8,078	1,90,771
...	92,036	70,024	14,246	1,76,306	...	1,76,306	740	13,238	18,978	1,90,284
1,54,267	68,24,475	15,91,975	1,24,638	85,41,088	13,748	85,27,340	3,82,417	2,81,840	6,14,057	91,41,897
6,65,994	2,87,86,037	59,48,374	8,12,747 (a) 15,094	3,55,92,252	43,500	3,55,48,752	8,21,378	10,08,899	18,24,777	3,73,73,529

E. D. CHANTER,

Offg. Dy. Accountant General, Public Works.

## Statement showing the Financial Results of Irrigation Works in

(Realizations under main heads of

Name of Work.	REVENUE (ACTUAL RECEIPTS).											Revenue	
	Irrigation.			Navigation.	Planta- tion.	Water- power.	Miscella- neous.	Total.	Refunds of Revenue.	Gross Revenue, less refunds.	ESta		
	Water- rate directly paid.	Share of Land Revenue.	Total.								Direction.	Executive.	
	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>MAJOR WORKS.</b>	Ra.	Ra.	Rs.	Rs.	Rs.	Rs.	Rs.	Ba.	Rs.	Ra.	Rs.	Rs.	
<b>85.—Protective Irrigation Works.</b>													
1 Pravara Canal Project ...	102	...	102	...	...	...	125	237	...	227	9	72	
2 Chankapur Tank ...	770	...	770	...	...	...	608	1,378	...	1,378	84	1,166	
3 Nira Canal including Shetphal Tank ...	3,95,424	...	3,95,424	...	690	...	5,004	4,01,118	734	4,00,384	1,132	24,097	
4 Mhasvad do. ...	64,683	...	64,683	...	129	...	4,957	69,769	...	69,769	224	5,163	
<b>Total ...</b>	<b>4,60,979</b>	<b>...</b>	<b>4,60,979</b>	<b>...</b>	<b>819</b>	<b>...</b>	<b>10,694</b>	<b>4,72,492</b>	<b>734</b>	<b>4,71,758</b>	<b>1,449</b>	<b>30,498</b>	
<b>49.—IRRIGATION WORKS.</b>													
8 Hathmati Canal including Khari Cut Canal ...	77,551	...	77,551	...	24	...	3,580	81,135	33	81,102	478	3,939	
9 Lower Panjhra River Works ...	7,439	3,248	10,687	...	61	...	681	11,379	8	11,371	93	664	
10 Kadva River Works ...	19,457	594	20,051	...	299	...	199	20,549	...	20,549	174	2,869	
11 Pravara River Works—Lakh Canal ...	1,024	205	1,229	...	98	...	206	1,539	...	1,539	89	1,390	
12 Mutha Canals including Matoba Tank ...	2,05,075	42	2,05,117	...	2,112	...	1,47,481	3,54,660	624	3,54,036	1,865	34,755	
13 Ekrak Tank ...	40,770	...	40,770	...	263	...	38,493	74,526	...	74,526	215	2,825	
14 Krishna Canal ...	54,553	...	54,553	...	...	...	1,393	55,946	28	55,918	139	1,576	
<b>Total ...</b>	<b>4,05,869</b>	<b>4,089</b>	<b>4,09,958</b>	<b>...</b>	<b>2,857</b>	<b>...</b>	<b>1,86,913</b>	<b>5,99,728</b>	<b>693</b>	<b>5,99,035</b>	<b>3,068</b>	<b>47,808</b>	
<b>Total Major Works ...</b>	<b>8,66,848</b>	<b>4,089</b>	<b>8,70,937</b>	<b>...</b>	<b>3,676</b>	<b>...</b>	<b>1,97,607</b>	<b>10,72,220</b>	<b>1,427</b>	<b>10,70,793</b>	<b>4,512</b>	<b>78,306</b>	
<b>43.—MINOR WORKS AND NAVIGATION.</b>													
15 Wangroli Tank ...	3,472	700	4,172	...	...	...	223	4,395	...	4,395	106	886	
16 Tranza-Nagramma Tank ...	154	28	177	...	...	...	547	724	...	724	67	661	
17 Savli do. ...	2,938	...	2,938	...	...	...	287	2,975	...	2,975	47	394	
18 Hartala Tank ...	68	...	68	...	848	...	386	1,252	...	1,252	5	113	
19 Mhasva do. ...	980	...	980	...	1,505	...	353	2,838	...	2,838	18	233	
20 Jamsa Canals ...	6,970	...	6,970	...	307	...	450	7,727	...	7,727	138	1,697	
21 Parsul Tank ...	1,303	...	1,303	...	125	...	70	1,498	...	1,498	10	586	
22 Pravara River Works—Ojhar Left Bank Canal ...	12,423	76	12,499	...	24	...	639	13,162	...	13,162	124	2,566	
23 Bhadoli Tank ...	6,028	1,950	7,378	...	320	...	980	8,678	47	8,631	98	1,381	
24 Kasurdi do. ...	62	...	62	...	...	...	405	467	...	467	10	131	
25 Shirsuphal do. ...	2,988	...	2,988	...	...	...	615	3,603	...	3,603	29	520	
26 Bhadalwadi do. ...	5,064	...	5,064	...	...	...	785	5,849	...	5,849	42	771	
27 Koregaon do. ...	1,025	...	1,025	...	...	...	41	1,066	...	1,066	17	910	
28 Ashti do. ...	14,578	...	14,578	...	81	...	505	15,115	...	15,115	80	1,573	
29 Pathri do. ...	2,331	...	2,331	...	3	...	123	2,457	...	2,457	42	522	
30 Revári Canal ...	6,525	...	6,525	...	...	...	476	7,001	...	7,001	25	218	
31 Upper Man River Works ...	3,379	...	3,379	...	...	...	602	3,981	...	3,981	51	354	
32 Yerla River Irrigation Works ...	23,731	...	23,731	...	...	...	1,222	24,953	...	24,953	92	942	
33 Chikhi Canal ...	1,536	...	1,536	...	...	...	16	1,552	...	1,552	16	121	
34 Maini Tank ...	7,576	...	7,576	...	...	...	771	8,347	...	8,347	46	657	
35 Muchkundi do. ...	...	...	...	...	...	...	770	770	...	770	6	72	
36 Gadikeri do. ...	...	2,061	2,061	...	...	...	...	2,061	...	2,061	...	...	
37 Gokak Canal, First Section and Storage Works ...	37,806	...	37,806	...	663	13,304	2,334	54,107	109	53,998	191	3,095	
38 Dambal Tank ...	428	916	1,344	...	...	...	1,691	3,005	...	3,005	18	452	
39 Medleri do. ...	593	...	593	...	...	...	...	593	...	593	12	385	
40 Asandi do. ...	620	682	1,302	...	...	...	52	1,354	...	1,354	22	515	
41 Madag do. ...	2,551	...	2,551	...	115	...	118	2,779	...	2,779	35	672	
42 Mavinkop do. ...	...	2,203	2,203	...	...	...	...	2,203	...	2,203	12	191	
<b>Total Minor Works and Navigation ...</b>	<b>1,44,946</b>	<b>7,861</b>	<b>1,52,807</b>	<b>...</b>	<b>3,941</b>	<b>13,304</b>	<b>14,376</b>	<b>1,84,528</b>	<b>156</b>	<b>1,84,372</b>	<b>1,349</b>	<b>20,498</b>	
<b>GRAND TOTAL ...</b>	<b>10,11,794</b>	<b>12,050</b>	<b>10,23,844</b>	<b>...</b>	<b>7,617</b>	<b>13,304</b>	<b>2,11,988</b>	<b>12,56,746</b>	<b>1,583</b>	<b>12,55,163</b>	<b>5,861</b>	<b>98,804</b>	

Deccan and Gujarat for the year ending 31st March 1909-1910.

Revenue and Working Expenses.)

WORKING EXPENSES.

Management.			Maintenance and Repairs.										Indirect Charges.	Grand Total Working Expenses.	Net Revenue.
Bishment.			Establishment.				Works.	Repairs.	Sun-dries.	Tools and Plant.	Plantations.	Total Cost of Maintenance.			
Navigation.	Civil Officers.	Total Revenue Management.	Direction.	Executive.	Medical.	Total.									
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	5	86	13	101	...	114	...	455	...	6	...	575	27	688	-481
...	38	1,288	42	589	...	691	...	2,609	...	128	190	8,458	263	6,009	-3,631
...	19,778	45,002	344	7,035	295	7,874	5,830	27,644	...	2,000	937	44,085	4,808	98,898	3,06,691
...	3,301	8,688	59	1,355	...	1,414	...	4,786	...	203	869	7,272	952	16,912	52,357
...	23,117	55,064	458	9,080	295	9,833	5,830	35,394	...	2,337	1,996	55,890	5,848	1,16,302	8,55,456
...	8,878	8,295	561	4,633	...	5,194	869	19,746	...	354	203	28,366	1,949	36,010	45,092
...	1,031	1,738	147	1,054	...	1,201	1,853	2,805	...	72	158	6,089	274	8,161	8,220
...	976	4,009	69	1,143	...	1,212	...	4,727	...	246	214	6,899	594	11,002	9,547
...	74	1,563	50	695	...	745	...	2,982	...	161	...	3,878	318	5,754	-4,221
...	10,169	46,779	637	11,871	...	12,508	10,024	40,283	52	2,880	1,501	67,248	6,878	1,20,905	2,33,131
...	2,038	4,878	132	1,802	...	1,734	452	5,718	...	395	767	9,066	640	14,584	59,942
...	3,137	4,852	96	1,082	...	1,178	...	4,182	403	47	528	6,938	405	11,595	44,323
...	21,298	72,164	1,692	22,080	...	23,772	13,198	80,443	455	4,145	3,871	1,25,384	10,453	2,08,001	3,91,034
...	44,410	1,27,228	2,150	31,160	295	33,605	19,028	1,16,837	455	6,432	5,367	1,80,774	16,301	3,24,308	7,46,490
...	254	1,246	119	1,004	...	1,123	...	4,517	...	78	...	5,718	286	7,280	-2,865
...	21	649	75	637	...	712	...	2,350	...	49	...	3,611	183	4,448	-3,724
...	134	575	53	447	...	600	...	2,000	...	85	...	2,535	132	3,242	-267
...	16	134	2	33	...	35	...	142	...	2	...	179	21	334	913
...	49	300	11	134	...	145	...	628	...	9	56	786	55	1,031	1,747
...	848	2,178	77	973	...	1,050	931	3,060	...	63	159	5,813	403	7,594	-167
...	65	661	1	54	...	55	...	293	...	11	12	371	91	1,123	375
...	634	3,854	96	764	...	800	...	3,178	...	162	23	4,163	493	8,010	5,152
...	428	1,837	52	698	...	750	801	2,178	...	152	28	3,904	305	6,068	2,565
...	3	144	5	78	...	78	...	311	...	80	...	419	31	594	-127
...	149	698	11	167	...	198	...	792	...	90	...	1,080	105	1,883	1,720
...	253	1,066	15	270	...	285	...	1,142	...	80	...	1,507	154	2,727	3,122
...	51	978	2	95	...	97	47	828	...	12	13	496	143	1,617	-551
...	729	2,332	26	503	...	529	...	1,969	...	40	147	2,885	305	5,372	9,743
...	117	681	24	307	...	331	...	1,245	...	...	158	1,784	125	2,540	-83
...	326	569	29	243	...	272	...	938	...	51	149	1,410	72	2,051	4,950
...	169	574	30	615	...	705	176	2,403	...	86	239	3,609	155	4,336	-357
...	1,187	2,221	74	753	...	827	108	2,686	...	189	514	4,274	261	6,756	18,197
...	77	214	21	162	...	183	...	690	...	...	40	913	45	1,172	380
...	379	1,082	22	317	...	339	...	1,190	...	94	167	1,780	146	3,018	5,329
...	...	78	3	41	...	44	...	176	...	2	...	222	17	317	453
...	206	206	15	54	...	69	...	308	...	5	...	377	10	698	1,468
...	1,988	5,224	79	1,270	...	1,349	451	4,752	...	553	191	7,098	649	12,969	41,029
...	113	578	2	73	...	75	...	299	...	...	...	374	76	1,028	1,377
...	30	427	2	70	...	72	...	287	...	...	...	359	68	552	-253
...	97	634	6	136	...	142	...	563	...	...	...	710	95	1,439	-75
...	123	895	11	213	...	229	164	647	...	...	105	1,145	131	2,111	668
...	220	423	5	82	...	87	298	49	...	...	...	434	41	898	1,305
...	8,121	29,908	868	10,213	...	11,081	3,026	39,519	...	1,543	1,995	57,164	4,611	91,743	92,629
...	52,531	1,57,196	3,018	41,373	295	44,686	22,054	1,55,356	455	8,025	7,382	2,37,938	20,912	4,16,046	8,39,119

E. D. CHANTER,  
 Officiating Deputy Accountant General, Public Works, Bombay.

## II-C.

Statement showing the Financial Results of Irrigation Works in the Deccan and Gujarat for the year ending 1909-10, based on actual receipts.

Principal Results of Operations for the year ending 31st March 1910.

Irrigation Works.	Direct and Indirect Capital Outlay to end of 1909-10.	Gross Receipts, Direct and Indirect, from all sources.	Working Expenses, Direct and Indirect.	Net Revenue excluding charges for Interest.	Percentage of net revenue on Capital Outlay to end of the year.	Interest on Capital Outlay at average rate.	SURPLUS REVENUE AFTER DEDUCTING INTEREST ON DIRECT CAPITAL OUTLAY.		EXCESS CHARGE, INCLUDING INTEREST ON DIRECT CAPITAL OUTLAY.	
							Amount.	Percentage on Capital Outlay.	Amount.	Percentage on Capital Outlay.
1	2	3	4	5	6	7	8	9	10	11
<b>MAJOR WORKS.</b>										
<b>35.—PROTECTIVE IRRIGATION WORKS.</b>										
<i>In Operation.</i>										
1 Pravara Canal Project	3,90,003	227,688	688	461	(a)	8,141	...	...	8,602	2.21
2 Ohankapur Tank	16,83,239	1,373,409	4,009	3,631	(a)	49,464	...	...	62,035	3.62
3 Nira Canal including Shephal Tank	64,83,934	4,00,384	93,693	3,06,931	(a)	2,11,836	...	1,02,554	1.60	...
4 Mhasava Tank	20,98,016	69,769	16,912	63,677	2.62	67,346	...	...	14,489	0.69
Total	1,04,58,252	4,71,768	1,16,302	3,65,456	3.39	3,27,728	27,728	0.26	...	...
<i>Under Construction.</i>										
5 Melideri Tank	8,13,185	...	...	...	...	10,194	...	...	10,194	3.26
6 Godavari Canal	41,11,531	...	...	...	...	1,02,139	...	...	1,02,139	2.48
7 Budhal Tank	6,07,357	...	...	...	...	16,422	...	...	16,422	3.24
Total	49,32,043	...	...	...	...	1,28,746	...	...	1,28,746	2.61
Total, Protective Works	1,64,20,296	4,71,768	1,16,302	3,65,466	2.31	4,56,473	...	...	1,01,017	0.66
<b>40.—IRRIGATION WORKS.</b>										
<i>Productive Works.</i>										
<i>In Operation.</i>										
8 Hattmat Canal including Khari Cut Canal.	11,00,456	81,102	36,010	45,092	3.89	36,448	8,606	0.75	...	...
9 Lower Panchra River Works	4,68,621	11,371	6,151	3,220	0.69	14,956	...	...	11,736	2.50
10 Kadva River Works	10,10,513	20,548	11,023	9,527	(a)	32,573	...	...	33,051	3.23
11 Pravara River Works—Lakh Canal	3,71,631	1,533	5,754	4,221	(a)	2,11,836	...	...	18,056	4.82
12 Mutha Canals including Matoba Tank	75,63,448	8,51,036	1,20,905	2,33,131	3.07	2,45,308	...	...	12,176	0.16
13 Ekruk Tank	13,40,336	14,584	14,584	69,943	4.47	41,240	18,702	1.40	...	...
14 Krishna Canal	8,65,637	55,918	11,695	44,323	5.11	27,544	16,779	1.94	...	...
Total, Productive Works	1,28,11,637	5,99,035	2,03,001	3,91,034	3.05	4,10,885	...	...	18,851	0.15
Total, Major Works	2,82,32,132	10,70,798	3,24,303	7,46,490	2.64	8,68,358	...	...	1,19,868	0.42
<b>45.—MINOR WORKS AND NAVIGATION.</b>										
<i>In Operation.</i>										
15 Wangrol Tank	2,38,687	4,395	7,260	2,865	(a)	6,981	...	...	9,826	4.11
16 Prana-Nagrama Tank	2,77,529	6,066	4,448	3,724	(a)	7,831	...	...	11,555	2.90
17 Savil Tank	2,52,686	2,978	3,242	297	(a)	7,803	...	...	7,699	3.11
18 Hartida do.	73,332	1,263	334	918	1.25	1,610	...	...	682	.94
19 Mhasava do.	1,38,856	2,838	1,061	1,747	1.38	4,324	...	...	2,577	1.86
20 Jambha Canals	10,41,669	7,727	7,594	167	(a)	33,384	...	...	33,461	3.21
21 Farul Tank	2,14,995	1,486	1,123	315	0.17	6,985	...	...	6,610	3.07
22 Pravara River Works—Ojhar Left Bank Canal	3,47,530	13,162	8,010	5,152	1.48	10,891	...	...	6,739	1.95
23 Bhadoli Tank	3,79,707	8,831	6,066	2,765	0.88	11,943	...	...	9,178	2.44
24 Kaurdi do.	45,690	467	594	127	(a)	1,870	...	...	1,497	3.29
25 Sheoraphal do.	2,24,668	3,803	1,883	1,720	0.77	7,128	...	...	5,406	2.41
26 Bhadali Tank	3,27,422	5,849	3,727	3,122	1.37	7,166	...	...	4,034	1.77
27 Konegaon do.	99,139	1,068	1,217	551	(a)	1,273	...	...	1,524	4.85
28 Ashri do.	8,36,091	15,115	5,372	9,743	1.17	25,422	...	...	16,670	1.88
29 Pathri do.	6,24,463	2,457	2,510	83	(a)	20,084	...	...	20,147	3.18
30 Bewardi do.	59,911	7,001	2,031	4,970	8.29	1,806	3,044	8.09	...	...
31 Upper Mdn River Works	4,59,238	3,931	4,333	357	(a)	18,061	...	...	14,321	3.29
32 Yerla River Irrigation Works	7,64,870	24,953	6,708	18,197	2.39	24,162	...	...	5,965	0.78
33 Chikhli Canal	67,442	1,552	1,172	380	0.66	1,807	...	...	1,427	2.48
34 Nisani Tank	4,57,650	8,247	3,018	5,229	1.09	15,618	...	...	10,189	2.09
35 Muckundi do.	1,58,707	770	317	453	0.28	4,703	...	...	4,255	3.98
36 Gadikeri do.	16,618	2,061	593	1,468	8.98	649	919	5.43	...	...
37 Gokak Canal, First Section, and Storage Works	13,81,922	83,998	12,869	41,039	2.97	48,718	...	...	2,684	0.19
38 Dambal Tank	63,890	3,005	1,028	1,977	3.06	2,043	...	...	68	0.00
39 Medleri do.	81,392	599	853	253	(a)	2,631	...	...	2,884	3.54
40 Asundi do.	74,995	1,364	1,439	75	(a)	2,040	...	...	2,116	2.82
41 Madgaon do.	1,67,689	2,773	2,111	662	0.40	5,411	...	...	4,747	2.88
42 Mayanop do.	38,504	2,203	888	1,305	3.90	1,014	...	...	291	.87
Total	87,60,842	1,84,372	91,743	92,639	1.06	2,73,312	...	...	1,80,683	2.06
<i>Under Construction.</i>										
43 Sahat Tank	1,27,265	...	...	...	...	3,076	...	...	3,076	2.42
44 Victoria do.	64,758	...	...	...	...	1,848	...	...	1,848	3.16
45 Dharma Canal	4,730	...	...	...	...	87	...	...	87	1.94
Total	1,90,771	...	...	...	...	5,011	...	...	5,011	2.63
<i>In Abeyance.</i>										
46 Gokak Canal, Second Section	1,80,284	...	...	...	...	5,920	...	...	5,920	3.11
Total, Minor Works and Navigation	91,41,397	1,84,372	91,743	92,629	1.01	2,84,243	...	...	1,91,616	2.10
<b>GRAND TOTAL</b>	<b>3,73,73,659</b>	<b>12,65,165</b>	<b>4,16,046</b>	<b>8,89,119</b>	<b>2.25</b>	<b>11,60,601</b>	...	...	<b>3,11,462</b>	<b>0.83</b>

(a) No percentage is calculated as the net revenue against the works are minus figures.

E. D. CHANTER,  
Offg. Deputy Accountant General, Public Works.

## III-C.

Demands and Realizations during the year 1909-1910 in Deccan and Gujarat.

Irrigation Works.	Balance of demands unutilized at commencement of year.	DEMANDS OF THE YEAR (a).				Total including Balance at commencement of year.	Deduct, Remissions not including Cash Refunds.	Net Total.	Deduct amount unutilized at close of year.	Actual Realizations of the year.
		Rabi, 1909-1910.	Kharif, 1909-1910.	Miscellaneous Receipts.	Total.					
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>MAJOR WORKS.</b>										
<b>85.—Protective Irrigation Works.</b>										
1 Pravaia Canal Project, Ojhar Right Bank Canal	...	...	109	195	304	304	...	304	7	227
2 Chankapur Tank	...	...	1,450	608	2,058	2,058	...	2,058	680	1,378
3 Nira Canal including Shephal Tank	1,30,507	61,388	2,65,416	5,726	8,32,530	4,68,037	714	4,62,223	61,205	4,01,118
4 Mhasvad Tank	70,180	28,027	15,333	5,059	46,449	1,18,629	9,876	1,06,754	86,985	69,769
Total	2,00,637	87,415	2,82,808	11,548	3,81,271	5,81,958	10,589	5,71,369	98,877	4,72,492
<b>49.—IRRIGATION WORKS.</b>										
<b>Productive Works.</b>										
8 Hathmati Canal including Khari Cut Canal	87,125	14,135	82,054	3,584	99,773	1,36,898	484	1,36,414	55,320	81,135
9 Lower Panjura River Works	5,284	(b) 2,399	(b) 7,012	692	10,103	15,387	4,915	10,472	2,341	8,131
10 Nira River Works	23,958	6,870	11,914	441	18,725	42,678	33	42,645	22,690	19,955
11 Pravaia River Works—Laksh Canal	—38	677	297	277	1,251	1,213	.....	1,213	(c)—115	1,328
12 Mutha Canals including Matoba Tank	1,38,504	5,982	1,95,444	1,49,839	3,51,265	4,89,769	191	4,89,578	1,84,960	3,54,618
13 Ekruk Tank	46,161	10,480	15,449	24,728	50,597	90,818	7,702	89,116	14,590	74,526
14 Krishna Canal	24,329	15,103	39,749	1,614	59,496	80,795	34	80,761	24,815	55,946
Total	2,75,318	55,146	3,51,919	1,81,175	5,38,240	8,68,568	13,309	8,60,249	2,54,610	5,95,639
Total, Major Works	4,76,005	1,42,561	6,84,227	1,92,723	9,69,511	14,45,516	23,898	14,21,618	3,59,487	10,68,131
<b>43.—MINOR WORKS AND NAVIGATION.</b>										
15 Wangroli Tank	2,355	1,598	688	192	2,478	4,833	.....	4,833	1,138	3,695
16 Trausa-Nagramma Tank	354	122	...	395	517	871	.....	866	164	701
17 Savli do.	1,266	978	8,877	287	5,142	6,408	6	6,402	8,493	2,875
18 Hartala do.	...	62	6	1,184	1,252	1,252	.....	1,252	...	1,252
19 Mhasva do.	...	895	85	1,858	2,838	2,838	.....	2,838	...	2,838
20 Janda Canals	2,561	3,051	1,099	757	5,507	8,068	.....	8,068	841	7,227
21 Parsul Tank	701	350	518	195	863	1,564	.....	1,564	66	1,498
22 Pravaia River Works—Ojhar Left Bank Canal	4,109	7,061	3,312	498	10,371	14,980	4	14,976	1,890	13,086
23 Bhatodi Tank	341	3,511	2,165	1,804	6,980	7,321	29	7,292	(c)—36	7,328
24 Kasurdi do.	...	52	10	405	467	467	.....	467	...	467
25 Shirsuphal do.	...	2,079	993	615	3,687	3,687	.....	3,687	84	3,603
26 Bhdalvadi do.	1,000	3,493	2,180	735	6,458	7,458	.....	7,458	1,609	5,849
27 Koregaon do.	328	1,351	...	41	1,392	1,715	.....	1,715	649	1,066
28 Ashti do.	16,166	9,875	4,621	536	15,032	31,198	5,747	25,451	10,836	15,115
29 Pathri do.	1,421	891	1,241	136	2,258	3,679	.....	3,679	1,222	2,457
30 Revari Canal	1,680	4,982	1,460	476	6,918	8,548	.....	8,548	1,573	7,001
31 Upper Man River Works	5,012	3,692	398	602	4,692	3,704	.....	3,704	9,704	3,823
32 Yerla River Irrigation Works	26,292	11,274	2,536	1,222	14,832	41,124	21	41,103	16,150	24,953
33 Chikhli Canal	1,816	1,317	709	16	2,012	3,358	.....	3,358	2,805	1,552
34 Maini Tank	5,688	4,918	1,604	771	7,993	19,978	.....	12,978	4,629	8,347
35 Muchkundi Tank	...	...	...	770	770	770	.....	770	...	770
36 Gokhli do.	...	...	...	...	...	...	.....	...	...	...
37 Gokhli Canal—First Section and Storage Works	3,431	12,387	22,924	16,019	51,330	54,761	329	54,432	325	54,107
38 Dambal Tank	826	9	48	1,681	1,718	2,544	.....	2,544	455	2,089
39 Medleri do.	116	617	648	...	1,165	1,280	36	1,244	645	599
40 Asundi do.	486	297	565	52	914	1,400	.....	1,400	668	732
41 Msdag do.	1,417	1,615	1,222	228	3,065	4,482	.....	4,482	1,703	2,779
42 Mavinpuk do.	...	...	...	...	...	...	.....	...	...	...
Total, Minor Works and Navigation	77,905	76,777	52,709	80,995	1,60,481	2,37,786	6,172	2,31,614	55,047	1,76,567
Grand Total	5,53,310	2,19,338	6,86,936	2,23,718	11,29,992	16,83,302	30,070	16,53,232	4,08,534	12,44,698

(a) Excluding Irrigation share of Land Revenue.

(b) Inclusive of assessments shown in Canal Return No. IX.

(c) Represents excess recovery to be refunded.

E. D. CHANTER,

Officiating Deputy Accountant General, Public Works,

Bombay.

## IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujardt for the year ended 1909-1910, based on the Assessment of the year.

Principal Results and Operations for the year ended 31st March 1910.

Irrigation Works.	Capital outlay (direct and indirect) to end of year.	REVENUE ASSESSED DURING THE YEAR.										Working Expenses, direct and indirect.	Net assessed Revenue of the year.	Percentage on Capital outlay to end of year.
		Direct assessed Revenue (a).								Indirect Revenue (Land Revenue due to operation of Canal) (b).	Grand Total.			
		Occupier's rate.	Owner's rate.	Plantations.	Water-power.	Navigation.	Miscellaneous.	Total.	Rs.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<b>MAJOR WORKS.</b>														
<b>35.—Protective Irrigation Works.</b>														
1	Pravara Canal Project, Ojhar Right Bank Canal ... ..	3,80,003	109	...	...	...	185	234	...	231	898	-454	(c)	
2	Chandrapur Tank ... ..	15,83,269	4,764	...	...	...	618	5,392	...	14,253	5,392	5,009	0.02	
3	Nira Canal including Shetphal Tank.	64,35,934	8,15,446	...	690	...	5,036	3,21,172	...	8,21,172	93,693	2,27,479	3.74	
4	Mhasvad Tank ... ..	20,96,018	23,878	...	129	...	4,960	33,967	...	83,967	16,912	17,055	0.81	
	Total ...	1,04,83,223	3,49,217	...	819	...	10,729	3,60,765	...	3,60,765	1,16,308	2,44,463	2.33	
<b>49.—IRRIGATION WORKS.</b>														
<b>Productive Works.</b>														
8	Hathmati Canal including Khari Cut Canal ... ..	1,60,456	96,504	...	24	...	5,580	1,00,088	...	1,00,088	36,010	64,078	5.22	
9	Lower Panchra River Works	4,65,621	19,316	...	61	...	631	11,003	...	3,249	9,151	6,105	1.39	
10	Kdra River Works ... ..	10,10,413	19,637	...	299	...	142	29,069	...	1,206	3,344	872	0.96	
11	Pravara River Works—Lakh Canal.	3,71,891	1,020	...	98	...	179	1,297	...	205	1,502	5,754	-4,252	
12	Mutha Canal including Matoba Tank.	75,93,443	2,95,101	...	2,112	...	1,47,727	3,65,940	...	42	3,62,982	1,20,905	3.32	
13	Krakra Tank ... ..	13,40,336	25,530	...	203	...	24,495	30,543	...	5,148	14,554	35,965	2.63	
14	Krishna Canal ... ..	3,69,627	62,213	...	...	...	1,614	63,827	...	...	63,827	11,696	4.87	
	Total ...	1,28,11,897	4,08,601	...	2,557	...	1,76,318	5,89,776	...	4,089	5,83,865	2,08,001	3.85	
	Total, Major Works ...	3,38,02,089	7,57,818	...	3,676	...	1,89,047	9,50,541	...	4,089	9,54,630	3,24,303	6.30	
<b>43.—MINOR WORKS AND NAVIGATION.</b>														
15	Wangrol Tank ... ..	3,38,337	1,207	...	...	...	192	1,399	...	700	2,099	7,299	-5,161	
16	Trana-Nagramma Tank ... ..	2,77,392	...	...	...	...	395	395	...	28	418	4,448	-4,030	
17	Savli do. ... ..	2,52,893	4,603	...	...	...	287	4,790	...	...	...	3,242	1,648	
18	Hartala do. ... ..	72,352	22	...	849	...	336	1,206	...	...	...	1,743	0.78	
19	Mhava do. ... ..	1,38,526	1,141	...	1,503	...	833	3,269	...	...	2,699	1,091	1,908	
20	Jamde Canals ... ..	10,41,039	4,539	...	307	...	450	5,293	...	...	5,293	7,891	-2,601	
21	Parsul Tank ... ..	2,14,995	4,570	...	123	...	70	4,765	...	...	4,765	1,123	3,642	
22	Pravara River Works—Ojhar Left Bank Canal ... ..	3,47,550	9,993	...	21	...	474	10,490	...	70	10,659	8,010	2,556	
23	Bhatodi Tank ... ..	3,79,707	5,201	...	320	...	994	6,505	...	1,350	7,855	6,065	1,790	
24	Kasurdi do. ... ..	45,690	83	...	...	...	405	468	...	...	439	604	-106	
25	Shiruphal do. ... ..	2,24,563	3,010	...	...	...	915	3,095	...	...	3,022	1,388	1,743	
26	Bhalsaradi do. ... ..	2,27,422	3,923	...	...	...	786	4,708	...	...	4,708	2,727	1,981	
27	Koregaon do. ... ..	39,189	1,116	...	...	...	41	1,137	...	...	1,187	1,617	-460	
28	Ashli do. ... ..	8,39,091	14,995	...	31	...	505	16,531	...	...	15,631	5,372	10,159	
29	Pashri do. ... ..	6,34,463	3,019	...	3	...	123	3,145	...	...	3,145	2,540	605	
30	Revari Canal ... ..	59,811	4,678	...	...	...	476	5,154	...	...	5,154	2,051	3,103	
31	Upper Man River Works ... ..	4,39,286	2,569	...	...	...	602	3,171	...	...	3,171	4,338	-1,167	
32	Yerla River Irrigation Works ... ..	7,84,970	14,704	...	...	...	1,222	19,928	...	...	18,926	6,766	9,170	
33	Chikhi Canal ... ..	75,442	1,657	...	...	...	16	1,673	...	...	1,473	1,172	301	
34	Mahni Tank ... ..	4,87,460	6,753	...	...	...	771	7,554	...	...	7,554	3,018	4,686	
35	Muchkundi Tank ... ..	1,68,707	...	...	...	...	770	770	...	...	760	317	453	
36	Gedkeri do. ... ..	16,918	...	...	...	...	...	...	...	2,061	2,061	693	1,468	
37	Gokak Canal—First Section and Storage Works ... ..	13,81,922	37,137	...	693	13,304	2,052	53,156	...	...	53,156	12,969	40,187	
38	Dambal Tank ... ..	63,930	559	...	...	...	1,661	2,220	...	...	3,139	1,023	2,108	
39	Medleri do. ... ..	51,392	909	...	...	...	...	...	...	...	509	865	0.97	
40	Asundi do. ... ..	74,995	682	...	...	...	53	704	...	...	1,330	1,439	-109	
41	Madag do. ... ..	1,67,598	2,364	...	135	...	113	2,582	...	...	2,592	2,111	481	
42	Mavinkop do. ... ..	33,504	...	...	...	...	...	...	...	2,203	2,203	898	1,305	
	Total, Minor Works and Navigation.	87,60,342	1,29,330	...	3,941	13,304	...	13,760	1,60,325	7,601	1,68,288	91,748	76,543	
	GRAND TOTAL ...	3,20,60,431	8,87,148	...	7,617	13,304	...	2,02,797	11,10,866	12,050	11,22,913	4,16,046	7,06,870	

(a) Excluding remissions shown in Canal Returns No. V.

(b) Irrigation share of Land Revenue assessments.

(c) Net assessed revenue is minus figures, hence no percentage is calculated.

E. D. CHANTER,

Offy. Deputy Accountant General, Public Works, Bombay.



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STATEMENT I—E.

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E.

Bombay Presidency, excluding Sind, during the year 1909-1910.

AREA IRRIGATED PER CUBIC FOOT PER SECOND.				BASE TO WHICH THE DUTIES OF WATER ARE CALCULATED.		Remarks.
Discharged at Head.		Utilized.		Kharif.	Rabi.	
Kharif.	Rabi.	Kharif.	Rabi.			
14	15	16	17	18	19	20
30*79	...	52*15	...	1st August to 15th October 1909.	.....	
93*90	68*07	219*94	107*84	1st July to 31st October 1909.	1st November 1909 to 28th February 1910.	
90*48	132	105*41	132	18th February to 15th October 1909.	18th October 1909 to 15th February 1910.	
109*76	88	100*75	88			
74*34	64*90	74*36	64*92	15th February to 15th October 1909.	16th October 1909 to 14th February 1910.	
...	...	...	...			
14*62	61*90	43*87	123*08	1st July to 31st October ...	1st November to 31st March.	(a) Not available, water being allowed to run into the Mátoba Tank.
94	88	94	33	1st June to 31st October ...		
83*98	96*57	83*88	96*57	1st June to 31st October 1909	1st November 1909 to 31st March 1910.	
...	...	...	...	} 1st June to 15th October 1909.	16th October 1909 to 28th February 1910.	Notes—As perennial and 8 months' crops are irrigated during the Rabi season, to obtain the figures of duty for the Rabi season in columns 15 and 17 the areas of perennial and 8 months' crops given in Statement G are added to the area of rabi in column 4 and the totals so obtained are divided by the figures of rabi discharge in columns 11 and 13. The figures in columns 15 and 17 thus represent areas actually irrigated per acre.
47*97	79*25	47*97	79*25			
52*81	94*98	52*81	94*98	1st August to 15th October 1909.		
61*15	65*69	64*15	65*69	} 1st June to 15th October 1909.	16th October 1909 to 15th February 1910.	
8*76	30*31	9*69	32*41			
60*43	50*34	(a)	50*34	} 16th February to 15th October 1909.	16th October 1909 to 15th February 1910.	
289	246*60	289	246*60			
109	102*15	162	107*64	16th February to 15th October 1909.	16th October 1909 to 14th February 1910.	
68	88	74	88	16th January to 15th October.	16th October to 15th January.	
...	...	...	...			
...	...	...	...			
5*76	per M. c. ft.	5*76		1st June to 31st October ...	1st November to 31st March.	In the case of the Nira Canal, the Shetphal and the Bhádalwádi Tanks, where there is Block irrigation the actual areas of perennial and 8 months' crops under irrigation in the Rabi season are added to the Rabi area for calculating Rabi duties.
...	...	...	...			
84*87	per M. c. ft.	84*87		1st June to 31st October ...	1st November to 31st March.	If it be desired to obtain the duty for Rabi water for ordinary crops excluding perennial, then a further allowance must be made and wherever perennial irrigation is considerable, one acre of perennial shall be counted as equal to at least two acres of ordinary crops.
...	...	...	...			
35*5	160	35*5	160	} 15th February to 14th October 1909.	15th October to 14th February 1910.	
20*48	65*00	21*29	67*79			
167*15	97*06	167*15	97*06	1st July to 31st October 1909.	1st November 1909 to 28th February 1910.	
76*34	163*87	90*15	176*67	} 1st June to 15th October 1909.	16th October 1909 to 28th February 1910.	
370*49	318*23	370*49	318*23			
...	...	...	...	} 18th February to 15th October 1909.	16th October 1909 to 15th February 1910.	
308*23	151*5	308*23	151*5			
278*46	168*09	278*46	168*09	15th February to 15th October 1909.	16th October 1909 to 14th February 1910.	
...	...	...	...	} 15th February to 15th October 1909.	16th October 1909 to 14th February 1910.	
104	157*36	104	157*36			
627	845*42	627	845*42	16th January to 15th October.	16th October to 15th January.	
106	188	106	168			
81	98	86	104	Do.	Do.	
64	116	76	198	Do.	Do.	
46	68	46	58	Do.	Do.	
89	165	89	165	Do.	Do.	
...	...	...	...	.....	.....	
141*67	123*95	141*67	123*95	16th January to 15th October.	16th October to 15th January.	
468	187	Not known.	...	Do.	Do.	§ Water was allowed free to two acres during kharif and rabi seasons as per Government Resolution No. A-1-574, dated 1st March 1909.
153	196	...	...	Do.	Do.	
627	229	...	...	Do.	Do.	
80	68	...	...	Do.	Do.	
...	...	...	...	.....	.....	
...	...	...	...			
...	...	...	...			

Statement showing Incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in Cubic feet per Second.	WATER-RATE ASSESSED.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total Direct and Indirect.			
<b>MAJOR WORKS.</b>										
<i>Protective Works.</i>										
1	Pravara River Works—Ojhar Right Bank Canal ...	3-00	109	...	109	...	109	234	688	
2	Chankapur Tank—Girna Left Bank Canal ...	19-51	4,784	...	4,784	...	4,784	5,892	5,009	
3	Nira Canal and ...	246	2,97,933	...	2,97,933	...	2,97,933	8,21,172	93,693	
4	Shephal Tank ...	17	18,113	...	18,113	...	18,113			
4	Mhasvad do. ...	59-58	28,678	...	28,678	...	28,678	38,967	16,912	
	Total ...	...	3,49,217	...	3,49,217	...	3,49,217	3,60,765	1,16,802	
<i>Productive Works.</i>										
8	Háthmati Canal and ...	113	96,504	...	96,504	...	96,504	1,00,088	36,010	
	Kházi Cut Canal ...	61	...	...	...	...	...	14,256	8,151	
9	Lower Pánjura River Works ...	7-63	10,316	...	10,316	3,248	13,564	17	2,401	
10	Kádvá River Works. {	Wághad Tank ...	...	...	...	...	...	14,036	14,893	5,840
		Ojhar — Támbat Canal ...	20-57	13,442	...	13,442	594	...	...	...
		Wadáli Canal ...	4-07	2,537	...	2,537	...	2,537	2,581	1,381
11	Pravara River Works—Lákh Canal ...	20-22	1,020	...	1,020	205	1,225	1,502	5,754	
12	Mutha Canals and ...	159-14*	1,90,570	...	1,90,570	42	1,90,612	8,52,982	1,20,905†	
	Mátoba Tank ...	4-69	12,531	...	12,531	...	12,531			
13	Ekrak Tank ...	25-49	25,820	...	25,820	...	25,820	50,548	14,534	
14	Krishna Canal ...	48-92	52,213	...	52,213	...	52,213	58,827	11,595	
	Total ...	...	4,08,601	...	4,08,601	4,089	4,12,690	5,98,885	2,08,001	
	Total, Major Works ...	...	7,57,818	...	7,57,818	4,089	7,61,907	9,54,630	3,24,303	
<b>MINOR WORKS AND NAVIGATION.</b>										
15	Wangroli Tank ...	76 M. c. ft.	1,207	...	1,207	700	1,907	2,099	7,280	
16	Tranza-Nagramma Tank ...	Nil	...	...	...	23	23	418	4,448	
17	Savli Tank ...	45 M. c. ft.	4,508	...	4,508	...	4,508	4,790	3,242	
18	Hartála do. ...	0-05	22	...	22	...	22	1,206	334	
19	Mhasva do. ...	5-56	1,141	...	1,141	...	1,141	2,999	1,091	
20	Jámda Canals ...	43-52	4,536	...	4,536	...	4,536	5,293	7,894	
21	Parul Tank ...	5-76	4,570	...	4,570	...	4,570	4,765	1,123	
22	Pravara River Works—Ojhar Left Bank Canal ...	23-81	9,922	...	9,922	76	10,068	10,566	8,010	
23	Bháodi Tank ...	3-06	5,201	...	5,201	1,350	6,551	7,855	6,066	
24	Kámrúdi do. ...	...	83	...	83	...	83	488	594	
25	Shirsughal do. ...	3-44	3,010	...	3,010	...	3,010	3,625	1,333	
26	Bhádalvádi do. ...	3-80	3,323	...	3,323	...	3,323	4,708	2,727	
27	Korsgaon do. ...	2-03	1,116	...	1,116	...	1,116	1,157	1,617	
28	Ashli do. ...	14-60	14,995	...	14,995	...	14,995	15,531	5,372	
29	Páthri do. ...	1-18	3,019	...	3,019	...	3,019	3,145	2,540	
30	Revári Canal ...	2-52	4,678	...	4,678	...	4,678	5,174	2,051	
31	Upper Mán River Works ...	2-70	2,569	...	2,569	...	2,569	3,171	4,338	
32	Yerla River Irrigation Works ...	12-22	14,704	...	14,704	...	14,704	15,926	6,756	
32	Chikhli Canal ...	2-56	1,657	...	1,657	...	1,657	1,673	1,172	
34	Maini Tank ...	3-79	6,783	...	6,783	...	6,783	7,554	3,018	
35	Muchkundi do. ...	...	...	...	...	...	...	770	317	
36	Gadikeri do. ...	...	...	...	...	2,061	2,061	2,061	588	
37	Gokák Canal, 1st Section, and Storage Works ...	27-68	37,137	...	37,137	...	37,137	53,156	12,969	
38	Dámbal Tank ...	0-79	559	...	559	916	1,475	3,138	1,028	
39	Medleri do. ...	0-63	909	...	909	...	909	909	852	
40	Asundi do. ...	0-43	652	...	652	632	1,284	1,336	1,439	
41	Madag do. ...	5-85	2,364	...	2,364	...	2,364	2,592	2,111	
42	Mávkop do. ...	...	...	...	...	2,203	2,203	2,203	898	
	Total ...	...	1,28,330	...	1,28,330	7,961	1,37,291	1,63,286	91,743	
	<b>GRAND TOTAL</b> ...	...	8,87,148	...	8,87,148	12,050	8,99,198	11,22,916	4,16,046	





E.

Presidency, excluding Sind, during the year 1909-1910.

(8) HATHMARI CANAL AND KHARI CUP.		(9) LOWER PANJHRA RIVER WORKS.		(10) KADVA RIVER WORKS.						(11) FRAVANA RIVER WORKS—LA'KH CANAL.	
				Palkhed Canal.		Ojhar-Tumbat Canal.		Waddai Canal.			
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
15	600	36	304	14	254	7	204	1	4	3	90
...	...	220	8,920	13	917	...	...	2	167	11	508
26	3,340	6	410	277	39,147	53	5,415	...	...	2	456
1,533	42,540	634	4,767	426	7,721	215	3,879	202	8,076	91	1,634
1,525	30,500	...	938	...	...	...	...	...	...	...	...
13,860	6,93,000	40	938	103	4,871	2	50	3	62	...	...
30	600	32	450	...	...	...	...	...	...	...	...
142	2,145	17	401	1	2	2	7	1	14	40	487
59	1,180	...	...	...	...	...	...	...	...	1	11
...	...	325	3,161	...	...	2	40	...	...	237	3,793
20	420	4	10	...	...	...	...	...	...	...	...
3,460	1,03,745	160	2,087	209	1,674	72	576	35	1,403	245	2,679
...	...	...	...	...	...	...	...	...	...	...	...
...	...	219	2,030	...	...	...	...	...	...	...	...
...	...	429	9,941	818	20,083	216	6,176	218	6,840	3	95
...	...	...	...	...	...	...	...	...	...	...	...
10	1,000	...	...	14	120	...	...	28	427	1	5
...	...	...	...	6	318	3	153	...	...	...	...
...	...	291	6,182	...	...	...	...	...	...	40	1,346
...	...	...	...	5	102	...	...	1	10	1	10
...	...	...	...	...	...	...	...	...	...	...	...
...	...	3	61	...	...	...	...	...	...	10	193
...	...	...	...	...	...	...	...	...	...	...	...
...	...	179	2,965	...	...	...	...	...	...	...	...
10	500	...	...	...	...	...	...	...	...	...	...
6	360	10	291	146	6,291	44	2,706	1	33	6	294
348	17,400	...	...	102	1,392	16	234	8	152	...	...
354	...	...	...	23	314	...	...	...	...	...	...
...	...	...	...	4	...	...	...	...	...	...	...
21,398	8,97,830	* 2,605	42,968	2,161	83,204	632	19,440	500	17,188	691	11,606
...	...	...	...	...	...	...	...	...	...	...	...

\* Contains 89 acres of double cropped area, which when deducted gives total 2,516.









E—continued.

(26) BRADALVADI TANK.		(27) KORGAON TANK.		(28) ASHI TANK.		(29) PATRI TANK.		(30) BHVARI CANAL.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	7	220	...	...	3	30	50	4,608
2	36	...	...	15	1,385	...	...	...	...
18	5,400	1	160	38	7,888	15	300	38	11,880
85	1,785	19	1,120	341	10,982	98	5,830	176	10,140
...	...	...	...	...	...	...	...	...	...
39	1,092	3	68	248	9,143	6	150	46	1,840
1	13	...	...	291	2,665	...	...	...	...
956	45,889	276	8,280	1,747	37,376	461	11,525	531	31,860
2	16	...	...	9	173	...	...	...	...
99	3,168	...	...	...	...	...	...	...	...
598	20,332	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
133	2,660	5	120	483	11,591	80	660	40	2,160
7	168	...	...	4	84	...	...	...	...
...	...	...	...	...	...	223	11,150	...	...
16	768	133	697	395	21,460	...	...	226	14,288
2	16	...	...	...	...	...	...	...	...
...	...	...	...	5	239	2	20	...	...
...	...	...	...	...	...	...	...	...	...
9	342	...	...	45	2,402	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
6	228	1	70	14	705	1	70	2	320
...	...	...	...	...	...	...	...	...	...
10	270	1	15	...	...	...	...	...	...
...	...	...	...	...	...	1	5	...	...
2	38	3	263	124	5,392	4	280	11	920
...	...	10	114	...	...	48	6,000	11	1,760
1	20	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...	...
1,986	82,241	459	11,127	3,759	1,11,485	393	36,020	1,126	79,723
...	...	...	...	...	...	...	...	...	...



E—continued.

(85) MUCHKUNDI TANK.		(86) GADIKHBI TANK.		(87) GOKAK CANAL, 1ST SECTION, AND STORAGE WORKS.		(88) DAMBAL TANK.		(89) MEDLEMI TANK.	
Area irrigated.	Estimated Value.	Area irrigated.	Esti- mated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	...	...	88	1,320	8	360	11	277
...	...	...	...	34	3,400	6	465	49	6,095
...	...	...	...	209	26,125	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	422	5,908	1	10	...	...
...	...	...	...	61	1,525	...	...	44	1,441
...	...	...	...	2,799	55,980	...	...	...	...
...	...	...	...	2,020	20,200	...	...	4	88
...	...	...	...	275	4,400	48	1,440	...	...
...	...	...	...	17	238	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	566	11,320	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	346	12,110	...	...	1	60
...	...	...	...	11	178	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	195	2,700	...	...	6	165
...	...	...	...	286	2,860	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	52	624	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	1,167	35,010	4	110	3	201
...	...	...	...	13	390	111	2,220	1	20
...	...	...	...	6	86	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	8,507	1,84,322	178	4,605	119	8,347
...	...	377	...	...	...	144	...	...	...

## III—E—concluded.

			(40) ASUNDI TANK.		(41) MADAG TANK.		(42) MÁVINKOP TANK.		TOTAL.	
			Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
			Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards.	{	Vegetables ... ..	20	309	53	4,333	...	...	896	36,730
		Fruits and other trees ... ..	...	...	2	112	...	...	1,378	1,09,568
Sugarcane ... ..		...	1	125	14	1,400	...	...	15,845	60,96,345
Cereals	{	Wheat ... ..	1	56	...	...	...	...	11,737	3,67,636
		Barley ... ..	...	...	...	...	...	...	2,010	37,562
		Rice ... ..	6	220	336	10,920	...	...	18,307	8,88,692
		Maize ... ..	...	...	...	...	...	...	3,485	65,688
		Jowár ... ..	6	138	...	...	...	...	33,060	11,25,862
		Chino, Rági, Rála, Wara... ..	1	16	...	...	...	...	505	8,972
		Miscellaneous ... ..	...	...	...	...	...	15,951	3,62,920	
			...	...	...	...	...	685	22,147	
Pulses	{	Gram, Udid, Mug... ..	7	448	...	...	...	...	16,424	4,39,323
		Tur ... ..	...	...	...	...	...	...	75	2,201
		Peas ... ..	...	...	...	...	...	...	487	13,890
		Ground-nut ... ..	47	3,740	...	...	...	...	16,086	6,86,402
		Miscellaneous ... ..	A.	...	6	36	...	...	499	14,253
Fodder Crops	{	Fodder ... ..	...	...	...	...	...	...	484	11,709
		Lucerne, &c. ... ..	...	...	...	...	...	...	216	9,368
Fibres	{	Cotton ... ..	2	45	1	20	...	...	919	32,044
		Tág (Hemp) ... ..	2	80	...	...	...	...	311	3,258
Dyes ... ..		...	...	...	...	...	...	...	...	
Drugs and Narcotics.	{	Tobacco ... ..	...	...	...	...	...	...	199	11,271
		Bháng ... ..	...	...	...	...	...	...	125	12,397
Oil-seeds	{	Mustard, Sesam ... ..	...	...	...	...	...	...	289	4,470
		Linseed, Castor-oil ... ..	...	...	...	...	...	...	17	629
Condiments	{	Chilly and Onions ... ..	30	1,235	3	202	...	...	2,309	91,940
		Garlic, Turmeric and Methi ... ..	23	1,410	246	16,328	...	...	1,679	1,38,889
Miscellaneous		...	...	...	...	...	...	1,242	34,955	
Land insufficiently irrigated		...	...	...	...	...	...	24	125	
Total ... ..			146	7,822	661	33,651	...	...	145,244*	1,06,29,229
Area on which consolidated assessment is levied ... ..			185	...	...	...	585	...	1,291	...

\* Note.—The difference between the grand totals of area irrigated during 1909-1910 in Statements III—E and IV—E is due to the inclusion of 89 acres of double cropped area under the Lower Pánjhra River Works in Statement III—E and their exclusion from Statement IV—E.

STATEMENT IV—E.

## Comparative Statement of Irrigation and Rainfall for the years

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
Ahmedabad ...	Acres. 2,447,515	Acres. 1,721,724	Acres. 1,076,634	8	{ Hathmati Canal ... ..	Acres. 28,940
					{ Khāri Cut " ... ..	11,500
					Total ... ..	40,340
Kaira ... ..	938,962	816,766	714,085	15 16 17	Wangroli Tank ... ..	1,800
					Tranja-Nagrama Tank ... ..	2,898
					Savli Tank ... ..	4,700
Total ... ..	8,888					
Poona ... ..	3,421,980	2,555,456	2,538,061	8 12 24 25 26	Nira Canal including Shetphal Tank ... ..	(a) 227,670
					Mutha Canals including Mátoba Tank ... ..	(b) 49,800
					Kásurdi Tank ... ..	478
					Shirsuphal " ... ..	2,500
					Bhádálvádi " ... ..	2,400
Total ... ..	282,848					
West Khándesh...	3,480,717	1,723,796	1,346,086	9	Lower Pánjhra River Works...	12,627
East Khándesh ...	2,912,489	2,073,892	2,001,700	18 19 20	Hartala Tank ... ..	527
					Mhesva " ... ..	4,075
					Jámda Canals ... ..	40,185
Total ... ..	44,787					
Násik ... ..	3,762,461	2,524,175	2,469,757	2 10 21	Chankapur Tank, Girna Left Bank Canal ... ..	15,109
					Kádva River Works, Wághad Tank Páikhad Canal ... ..	26,280
					Parsul Tank, Ojhar-Támbat Canal Waddáli Canal ... ..	3,197
Total ... ..	54,736					
Ahmednagar ...	4,230,536	2,794,316	2,747,214	1 22 11 23	Ojhar Right Bank Canal ... ..	60,003
					Pravara River Works, Ojhar Left Bank Canal ... ..	21,155
					Bhátodi Tank, Lákha Canal... ..	25,636
Total ... ..	120,348					
Sholápur ... ..	2,915,658	2,541,150	2,008,012	4 13 27 28 29	Mhasvad Tank ... ..	102,400
					Ekrúk " ... ..	16,941
					Koregaon " ... ..	Not known
					Ashti " ... ..	16,825
					Páthri " ... ..	4,586
Total ... ..	140,752					
Sátára ... ..	3,084,749	2,168,782	1,468,387	4 14 80 81 82 83 84	Mhasvad Tank ... ..	3,814
					Krishna Canal ... ..	26,453
					Rovári " ... ..	3,624
					Upper Mán River Works ... ..	7,623
					Yerla River Irrigation Works ... ..	10,680
Chikhli Canal ... ..	1,478					
Maini Tank ... ..	4,625					
Total ... ..	58,297					
Bijápur ... ..	3,640,714	3,270,885	2,871,880	85	Muchkundli Tank ... ..	5,417
Belgaum ... ..	2,809,250	2,113,094	1,687,814	96 87	Gadikeri Tank ... ..	Not known
					Gokak Canal, 1st Section and Storage Works ... ..	17,627
Total ... ..	17,627					
Dhárwár ... ..	2,946,851	2,408,673	2,078,653	38 39 40 41	Dámbal Tank ... ..	2,500
					Modleri " ... ..	880
					Asundi " ... ..	1,011
					Madag " ... ..	1,545
Total ... ..	5,686					
Kánara ... ..	2,525,178	381,981	386,662	42	Mávinkop Tank ... ..	755
					Total ... ..	755
	39,117,760	27,094,490	23,294,905		Grand Total ... ..	793,108

(a) Includes 25,000 acres commanded by Shetphal Tank.

(b) The 7,123 Ac. by Mátoba Tank.



E.

1908-1909 and 1909-1910 in the Bombay Presidency, excluding Sind.

Area at present estimated as annually irrigable by the works specified in Column 8.	AREA IRRIGATED IN ACRES.						RAINFALL.		REMARKS.
	1908-1909.			1909-1910.			1908-1909.	1909-1910.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres. 8,000 11,500	Acres. 2,287 7,672	Acres. 6,108 868	Acres. 8,375 8,625	Acres. 2,676 11,448	Acres. 6,190 1,084	Acres. 8,866 12,532	Inches. 89.96 82.47	Inches. 40.83 31.83	At Franji, At Ahmedabad Civil Hospital.
19,500	9,939	6,961	16,900	14,124	7,274	21,898			
2,000 1,200 3,000	1,144 181 888	777 61 513	1,921 242 1,401	175 ... 943	268 ... 626	438 ... 1,569	87.68 83.19 82.73	80.78 28.63 27.22	Rain gauges fixed on the tanks.
6,200	2,213	1,351	3,564	1,118	889	2,007			
118,280 4,200 16,800 3,250 150 1,800 2,000	33,814 1,465 9,850 704 ... ... ...	18,914 1,240 579 807 19 839 1,578	42,728 2,805 10,229 1,511 19 839 1,578	42,728 1,750 10,448 1,182 10 484 577	21,718 736 735 1,408 38 997 1,409	19,981 2,492 11,181 2,588 46 1,481 1,986	18.20 18.98 22.89 12.04 18.90 12.00 24.70	15.26 13.26 16.83 18.22 12.82 17.10 17.15	
141,480	35,638	24,076	59,709	36,170	25,250	61,420			
12,627	2,091	74	2,165	1,629	887	2,516	8.97	18.52	
415 1,700 5,000	17 13 1,042	29 447 1,783	46 460 2,625	1 22 815	8 538 1,587	9 555 1,902	25.57 22.01 18.78	32.78 32.11 23.53	
7,115	1,072	2,259	3,331	338	2,128	2,466			
Not ascertained.	...	...	...	1,423	1,676	3,099	...	9.89	
9,887 2,967 2,433 1,000	1,286 404 241 486	1,075 212 256 38	2,361 616 497 524	1,103 254 224 463	1,058 878 276 984	2,161 632 500 1,447	11.48 10.14 9.88 7.68	20.11 23.18 17.81 17.45	
15,637	2,417	1,581	3,998	3,487	4,372	7,839			
Not ascertained.	...	...	...	218	...	218	21.48	15.67	
14,763 11,280 12,124	4,700 912 617	3,405 342 1,145	8,105 1,254 1,212	3,472 305 460	2,707 386 1,050	6,179 691 1,510	14.98 17.54	14.52 23.58	
38,167	5,679	4,892	10,571	4,455	4,148	8,598			
24,800 16,941 1,050 11,780 2,500	3,687 2,817 ... 513 290	6,152 2,299 494 2,447 330	9,839 5,116 494 2,960 620	2,906 2,120 ... 922 282	3,270 2,523 469 2,837 611	6,176 4,848 469 3,759 898	18.27 20.58 21.96 21.20 23.36	20.08 17.16 21.72 21.04 27.40	
56,571	7,807	11,722	19,029	6,230	9,700	15,930			
500 12,320 1,920 2,060 5,480 1,478 4,626	186 2,382 78 ... 598 134 218	310 2,808 1,988 1,184 3,267 919 1,391	446 5,190 1,476 1,184 3,885 453 1,609	180 2,883 191 118 272 95 212	302 2,479 985 569 3,512 219 1,403	482 5,332 1,126 687 3,784 814 1,615	18.27 26.12 25.45 14.27 24.82 21.74 15.89	20.08 13.12 22.01 22.72 17.60 15.99 25.80	
28,403	8,546	10,677	14,223	3,951	9,419	13,370			
750	2	...	2	(c)	...	(c)	12.70	24.72	(c) Water allowed free of charge to 2 acres for non-perennial crops during Kharif and Rabi seasons as per Government Resolution No. A. 1.-574, dated 1st March 1908.
417	377*	...	377*	377*	...	377*	24.67	...	
17,627	5,445	2,570	8,015	5,593	2,914	8,507	17.91	16.44	
18,044	5,445 377*	2,570	8,015 377*	5,593 377*	2,914	8,507 377*			
1,000 600 1,011 1,345	225 144* 42 78	6 125 50 185*	231 144* 187 123 185*	4 144* 84 121 185*	174 35 25 185*	178 144* 119 146 185* 661	8.35 5.30 10.89 17.02	15.70 7.51 15.44 22.31	
3,956	777 144*	644 185*	1,421 320*	574 144*	530 185*	1,104 320*			
617	559*	...	559*	585*	...	555*	No gauge.	No gauge.	
849,067	78,121 1,080*	66,807 185*	142,928 1,265*	77,649 1,106*	67,608 185*	145,155 1,291*			

\* Area under consolidated assessment.

§Note.—The difference between the grand totals of area irrigated during 1908-1910 in Statements III—E and IV—E is due to the inclusion of 39 acres of double cropped area under the Lower Pajhra River Works in Statement III—E and their exclusion from Statement IV—E.

## STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1909-1910.

No.	Names of Works.	AMOUNT DUE, 1909-1910.		REMISSIONS.		TOTAL.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
	<b>MAJOR WORKS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	
	<i>Protective Works.</i>								
1	Pravara River Works—Ojhar								
	B. E. Canal ... ..	109	...	...	...	109	...	109	
2	Chankapur Tank—Girna L. E.								
	Canal ... ..	1,450	3,334	...	...	1,450	3,334	4,784	
3	Nira Canal and Shetphal Tank	2,47,819	49,514	...	...	2,47,819	49,514	2,97,333	
	combined ... ..	17,597	516	...	...	17,597	516	18,113	
4	Mhasvad Tank ... ..	15,333	13,545	...	...	15,333	13,545	28,878	
	<b>Total ...</b>	<b>2,82,308</b>	<b>66,909</b>	<b>...</b>	<b>...</b>	<b>2,82,308</b>	<b>66,909</b>	<b>3,49,217</b>	
	<i>Productive Works.</i>								
8	Háthmati and Khari Cut Canals	8,050	12,050	106	...	7,944	12,050	19,994	
	combined ... ..	73,257	2,401	4,147	...	74,110	2,401	76,511	
9	Lower Pánjhra River Works ...	7,012	3,323	...	...	7,012	3,322	10,334	
	Wághad Tank ... ..	...	...	...	...	...	...	...	
	Pálkhed Canal ... ..	3,610	4,332	...	...	3,610	4,332	7,942	
10	Kádva River Works.								
	Ojhar Tánbat Canal ... ..	1,932	1,717	...	...	1,932	1,717	3,649	
	Wadáli Canal ... ..	1,372	1,164	...	...	1,372	1,164	2,536	
11	Pravara River Works—Lákh								
	Canal ... ..	297	723	...	...	297	723	1,020	
12	Mutba Canals and Mátoba	1,87,673	2,897	...	...	1,87,673	2,897	1,90,570	
	Tank combined... ..	7,771	4,760	...	...	7,771	4,760	12,531	
13	Ekrák Tank ... ..	15,449	10,370	...	...	15,449	10,370	25,819	
14	Krishna Canal ... ..	39,749	12,463	...	...	39,749	12,463	52,212	
	<b>Total ...</b>	<b>3,56,172</b>	<b>56,699</b>	<b>4,253</b>	<b>...</b>	<b>3,51,919</b>	<b>56,699</b>	<b>4,08,618</b>	
	<b>Total, Major Works ...</b>	<b>6,35,480</b>	<b>1,23,608</b>	<b>4,253</b>	<b>...</b>	<b>6,34,227</b>	<b>1,23,608</b>	<b>7,57,835</b>	
	<b>MINOR WORKS AND NAVIGATION.</b>								
15	Wangroli Tank ... ..	691	518	3	...	688	518	1,206	
16	Tranja Nagrama Tank ... ..	...	...	...	...	...	...	...	
17	Savli Tank ... ..	3,968	626	91	...	3,877	626	4,503	
18	Hartála Tank ... ..	6	16	...	...	6	16	22	
19	Mhasva do. ... ..	85	1,056	...	...	85	1,056	1,141	
20	Jámda Canals ... ..	1,099	3,436	...	...	1,099	3,436	4,535	
21	Farsul Tank ... ..	518	4,052	...	...	518	4,052	4,570	
22	Pravara River Works—Ojhar								
	Left Bank Canal ... ..	3,312	6,680	...	...	3,312	6,680	9,992	
23	Bhátsodi Tank ... ..	2,165	3,037	...	...	2,165	3,037	5,202	
24	Kásurdi do. ... ..	10	73	...	...	10	73	83	
25	Shireuphal do. ... ..	993	2,016	...	...	993	2,016	3,009	
26	Bhádalvádi do. ... ..	2,180	1,743	...	...	2,180	1,743	3,923	
27	Koregaon do. ... ..	...	1,116	...	...	...	1,116	1,116	
28	Aabhi do. ... ..	4,621	10,375	...	...	4,621	10,375	14,996	
29	Páthri do. ... ..	1,241	1,778	...	...	1,241	1,778	3,019	
30	Bevati Canal ... ..	1,463	3,243	3	...	1,460	3,213	4,673	
31	Upper Mán River Works ...	398	2,171	...	...	398	2,171	2,569	
32	Yerla River Irrigation Works ...	2,336	12,375	...	...	2,336	12,363	14,704	
33	Chikhli Canal ... ..	709	949	...	...	709	949	1,658	
34	Maini Tank ... ..	1,604	5,178	...	...	1,604	5,178	6,782	
35	Muchkundi Tank ... ..	...	...	...	...	...	...	...	
36	Gadikeri do. ... ..	...	...	...	...	...	...	...	
37	Gokák Canal, 1st Section, and								
	Storage Works ... ..	22,924	14,213	...	...	22,924	14,213	37,137	
38	Dámab Tank ... ..	48	512	...	...	48	512	560	
39	Medleri do. ... ..	648	260	...	...	648	260	908	
40	Asundi do. ... ..	565	87	...	...	565	87	652	
41	Madag do. ... ..	1,222	1,143	...	...	1,222	1,143	2,365	
42	Mávinkop do. ... ..	...	...	...	...	...	...	...	
	<b>Total, Minor Works ...</b>	<b>52,806</b>	<b>76,658</b>	<b>97</b>	<b>37</b>	<b>52,709</b>	<b>76,621</b>	<b>1,29,330</b>	
	<b>GRAND TOTAL ...</b>	<b>6,91,286</b>	<b>2,00,266</b>	<b>4,350</b>	<b>37</b>	<b>6,86,936</b>	<b>2,00,229</b>	<b>8,87,165</b>	

I-F.

Statement showing Water-rates per acre in force during 1909-1910 on Irrigation Works in the Bombay Presidency, excluding Sind.

No.	Name of Work.	Irrigation blocks.	WATER-RATES.						Single water rate.	Complete rate.	Owner's rate.	Water admeasured.	Remarks.
			Perennial.	Early eight months.	Rabi.	Late eight months.	Monsoon.	Hot weather.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<p><b>MAJOR WORKS.</b> <b>Protective Works.</b></p>													
3	Nira Canal* ... ..	10	A. 80 B. 16 C. 12 Pán gardens 30	5 0 0	3 0 0	18 0	2 0 0	15 0 0	1				* Rates sanctioned for 5 years from 16th February 1906—vide Government Resolution No. A.I.—2915, dated 2nd December 1905.
4	Shetphal Tank* ... ..	8	16	4 0 0	2 8 0	15 0	1 8 0	12 0 0	1				† Rates to remain in force up to 15th January 1911—vide Government Resolution No. A.I.—14, dated 5th January 1900.
4	Mhasvad Tank † ... ..	...	15	5 0 0	3 8 0	13 8	1 8 0	10 0 0	1				(B) In force for 5 years from 1st April 1906—vide Government Resolution No. A.I.—1023 of 4th April 1900.
<p><b>Productive Works.</b></p>													
13	Lower Pánjhra River Works (B) ... ..	...	16	4 0 0	2 0 0	8 0	1 0 0	6 0 0	1				
13	Within the Poona City and Suburban Municipal and Cantonment limits or within one mile of those limits.	...	A. 60	4 0 0	2 0 0	8 0	1 0 0	6 0 0	1				
13	On all remaining land commanded by both the canals.	...	A. 40	5 0 0	3 0 0	18 0	2 0 0	15 0 0	1				
13	Pán gardens wherever situated throughout the canals.	...	A. 30	5 0 0	3 0 0	18 0	2 0 0	15 0 0	1				
13	All lands commanded by both canals.	...	B. 18	5 0 0	3 0 0	18 0	2 0 0	15 0 0	1				
13	Do. do. ... ..	...	C. 12	5 0 0	3 0 0	18 0	2 0 0	15 0 0	1				
12a	Mátoba Tank* ... ..	...	A. 25 B. 12 C. 10 Pán gardens 30	5 0 0	3 0 0	18 0	2 0 0	15 0 0	1				
13	Ekrák Tank † ... ..	...	20	6 0 0	4 0 0	13 0	2 0 0	14 0 0	1				
<p><b>MINOR WORKS AND NAVIGATION.</b></p>													
18	Hartán Tank (B) ... ..	...	10	4 0 0	2 0 0	8 0	1 0 0	4 0 0	1				
18	Mhasva Tank (B) ... ..	...	10	4 0 0	2 0 0	8 0	1 0 0	4 0 0	1				
20	Jánáda Canal (B) ... ..	...	16	4 0 0	2 0 0	6 0	1 0 0	4 0 0	1				
21	Parani Tank (B) ... ..	...	(i) 10 (ii) 13	(i) 6 0 0 (ii) 8 0 0	(i) 4 0 0 (ii) 5 0 0	(i) 10 0 (ii) 18 0	(i) 1 0 0 (ii) 2 0 0	(i) 6 0 0 (ii) 8 0 0	1				
23	Bhátoli Tank (F) ... ..	...	12	5 0 0	3 0 0	10 0	3 0 0	7 0 0	1				
24	Kásardi Tank* ... ..	...	A. 15	3 0 0	2 0 0	14 0	1 0 0	12 0 0	1				
25	Shirsappal Tank* ... ..	...	15	3 0 0	2 0 0	14 0	1 0 0	12 0 0	1				
25	Bhádaivádi do.* ... ..	...	15	3 0 0	2 0 0	14 0	1 0 0	12 0 0	1				
27	Koregaon do. † ... ..	...	9	3 0 0	2 0 0	8 0	1 0 0	6 0 0	1				
28	Ashí do. † ... ..	...	15	5 0 0	3 8 0	13 8	1 8 0	10 0 0	1				
29	Páthri do. ‡ ... ..	...	12	4 8 0	3 0 0	10 8	1 8 0	7 8 0	1				

\* Rates sanctioned for 5 years from 16th February 1906—vide Government Resolution No. A.I.—2915, dated 2nd December 1905.

† Rates to remain in force up to 15th January 1911—vide Government Resolution No. A.I.—14, dated 5th January 1900.

(B) In force for 5 years from 1st April 1906—vide Government Resolution No. A.I.—1023 of 4th April 1900.

As detailed under water-rates.

NIL.

NIL.

(i) Ordinary land.  
(ii) Land formerly classed as irrigated.  
(F) In force from 15th October 1902 to 15th October 1910—vide Government Resolution No. A.I.—3094 of 19th December 1905.

‡ Rates sanctioned until 15th February 1911, vide Government Resolution No. A.I.—1963, dated 13th June 1906.

P. T. O.

I-F-continued.

No.	Name of Work.	Irrigation in blocks.	WATER-RATES.						Single watering.	Occupier's Rate.	Owner's Rate.	Water advantage.	Remarks.	
			Class I.	Class II.	Class III.	Class IIIA.	Class IV.	Class V.						
			Perennial.	Eight months.	Four months.	Superior rabi crops.	Monsoon dry.	Special hot weather.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	<b>MAJOR WORKS.</b>													
	<b>Protective Works.</b>		Rs.	Rs. a. p.	Rs. a. p.	Rs. a.	Rs. a. p.	Rs. a. p.	Rs.					
1	Pravara River Works, Ozar Right Bank Canal (G).	...	...	.....	.....	...	0 8 0	.....						(G) The rates to be the same as for the Ozar Left Bank Canal—vide Government Resolution No. A.I.—1656, dated 6th July 1903.
2	Girna Left Bank Canal (H).	...	12	.....	2 0 0	...	1 0 0	4 0 0	1					(H) In force till 15th June 1910—vide Government Resolution No. A.I.—256, dated 29th January 1910.
	<b>Productive Works.</b>													(A) Rates sanctioned in Government Resolution No. 1112, dated 12th July 1894.
8	Hathmati Canal (A) ...	...	10	3 0 0	2 0 0	...	1 0 0	6 0 0						(C) In force till 15th June 1914—vide Government Resolution No. A.I.—1556, dated 22nd June 1908.
	Khari Cut (A) ...	...	14	7 0 0	5 0 0	...	1 0 0	6 0 0						(D) For the whole year.
10	Kidwa River Works (C). { Pdkhod Canal ... Ojhar Tambat Canal ... Waddli Canal ... }	...	{ (7) 20 (11) 14 }	6 0 0	4 0 0	...	2 0 0	6 0 0	2					(E) For crops irrigated by canal water during the monsoon and rabi seasons and by wells during hot weather.
11	Pravara River Works—Ldkh Canal (D).	...	8	4 0 0	2 0 0	...	0 8 0	4 0 0						(F) In force to end of 31st March 1913 or until an improved supply of water is provided and to which-ever period may be the less—vide Government Resolution No. A.I.—197 of 23rd January 1903.
14	Krishna Canal †	...	25	6 0 0	4 0 0	...	1 8 0	8 0 0						† In force for 5 years from 1st April 1905 to 31st March 1910—vide Government Resolution No. A.I.—2970, dated 13th October 1904.
	<b>MINOR WORKS AND NAVIGATION.</b>													‡ For rice crop a rate of Rs. 4 is sanctioned—vide Government Resolution No. A.I.—1600 of 18th June 1908. Rates to be continued upto 31st March 1910—vide Government Resolution No. A.I.—2207, dated 20th August 1905.
15	Wangroli Tank ‡	...	...	2 0 0	2 0 0	...	.....	.....	1					§ For rice crop a rate of Rs. 4 is sanctioned to be in force for 5 years from 1st August 1905—vide Government Resolution No. A.I.—2046, dated 7th August 1905.
16	Tranza-Nagramma Tank ‡	...	...	2 0 0	2 0 0	...	.....	.....						¶ For rice crop a rate of Rs. 4 is sanctioned to be in force for 5 years from 1st August 1905—vide Government Resolution No. A.I.—2046, dated 7th August 1905.
17	Savli Tank*	...	...	2 0 0	2 0 0	...	.....	.....	1					• For rice crop a rate of Rs. 4 is sanctioned—vide Government Resolution No. A.I.—215, dated 25th January 1909. The rates to be in force for two years from 1st June 1908.
22	Pravara River Works—Ojhar Left Bank Canal (E).	...	10	4 0 0	2 0 0	3 0	0 8 0	4 0 0						(B) Sanctioned for a period of 5 years from 1st April 1905 to 31st March 1910—vide Government Resolution No. A.I.—1333 of 14th May 1904.
30	Revári Canal †	...	22	5 0 0	3 0 0	...	1 8 0	8 0 0						§ § These rates are in force from 1st October 1908 as per Government Resolution No. A.I.—874, dated 1st March 1909, for a term of 5 years. Water is allowed free of charge for non-personal crops for a further period of 5 years under the above Government Resolution from the same date.
31	Upper Masti River Works †	...	20	5 0 0	3 0 0	...	1 8 0	8 0 0						(*) In force for 5 years up to 31st March 1910—vide Government Resolution No. A.I.—3024, dated 15th December 1904.
32	Yerla River Irrigation Works †	...	22	5 0 0	3 0 0	...	1 8 0	8 0 0						(a) From 15th June to 15th February.
33	Chikhli Canal †	...	22	5 0 0	3 0 0	...	1 8 0	8 0 0						(b) " 15th October to 15th June.
34	Maini Tank †	...	20	5 0 0	3 0 0	...	1 8 0	8 0 0						(c) " 15th June to 15th October.
35	Muohkundi Tank †	...	8	4 0 0	.....	...	.....	.....						(d) " 15th October to 15th February.
36	Gadikeri do.	...	...	.....	.....	...	.....	.....						(1) and (2) In force from 1st April 1908 to 31st March 1910—vide Government Resolution No. A.I.—2370, dated 23rd November 1904.
37	Gokak Canal, 1st Section, and Storage Works (**)	...	22	{ (a) 7 0 0 (b) 7 0 0 }	{ (c) 2 0 0 (d) 5 0 0 }	...	3 0 0	15 0 0						a From 15th June to 15th February.
38	Dambal do. (1) ...	...	14	{ a 5 0 0 b 7 0 0 }	{ c 2 8 0 d 3 0 0 }	...	e 1 0 0	f 0 0 0						b " 15th October to 15th June.
39	Medler do. (2) ...	...	14	{ a 5 0 0 b 7 0 0 }	{ c 3 0 0 d 3 0 0 }	...	e 1 8 0	f 6 0 0						c " 15th June to 15th February.
40	Asundi do. (2) ...	...	14	{ a 5 0 0 b 7 0 0 }	{ c 3 0 0 d 3 0 0 }	...	e 1 8 0	f 8 0 0						d " 15th October to 15th June or 1st August to 31st March.
41	Nadag do. (1) ...	...	10	{ a 5 0 0 b 7 0 0 }	{ c 3 8 0 d 3 0 0 }	...	e 1 0 0	f 6 0 0						e " 15th June to 15th October or 15th July to 30th November.
42	Mávinkop ...	...	...	.....	.....	...	.....	.....						f " 15th October to 15th February.
														g " 15th June to 15th October.
														h " 15th February to 15th June

Note.—1.—For lift irrigation half the ordinary rates are charged.  
2.—Double the ordinary rates are charged as penal rates for taking water without permission.  
3.—Leakage or percolation rates are the same as ordinary rates.

STATEMENT G.

Statement showing Areas and Water-rate Assessments in the Bombay Presidency, excluding Sind, during 1909-1910, according to the system of classification adopted in fixing the Scale of Water-rates.

No.	Name of Works.	IRRIGATION IN BLOCKS.		CLASS I.—PERENNIAL.		CLASS II.—8 MONTHS.		CLASS III.—4 MONTHS.		CLASS IV.—SUPERIOR RABI CROPS.		CLASS V.—MONSOON DIST.		CLASS VI.—SPECIAL HOT WEATHERS.		MISCELLANEOUS.		GRAND TOTAL.		
		Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	Acres.	Assess-ment.	
<b>MAROR WORKS.</b>																				
<b>Protective Works.</b>																				
1	Pravara River Works—Ojhar Right Bank Canal	...	...	...	...	...	...	1	1	...	...	217	108	...	...	...	...	918	109	
2	Chankapur Tank—Girna Left Bank Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
3	Nira Canal including Shetpal Tank	19,091	1,87,314	2,418	2,438	3,814	16,166	14,311	50,033	...	...	1,432	1,476	...	...	...	...	3,069	4,734	
4	Mhaswad Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	<b>Total</b>	19,091	1,87,314	2,689	51,418	6,250	31,006	19,789	97,277	...	...	6,072	11,096	27	231	69	264	64,433	3,40,217	
	<b>Average rate</b>	...	0'81	...	19'68	...	4'97	...	3'41	...	...	1'74	...	0'90	...	3'88	...	6'43	...	
<b>Productive Works.</b>																				
6	Hathmati and Khari Cut Canals combined	...	...	...	...	13,860	80,775	7,376	14,725	...	...	...	...	134	791	...	...	31,398	90,505	
9	Lower Pánjra River Works*	...	...	...	...	...	...	...	...	...	...	...	...	48	48	...	...	700	1,914	
10	Kádeva River Pánjra Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
11	Pravara River Works—Lákh Canal. Within the Poona City Suburban Municipal and Cantonment limits or within one mile of those limits	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
12	Mutha Canal. On all the remaining land commanded by both ing Canals	...	...	3,888	1,86,658	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
13	Mátoba Tank. 'Pán' gardens wherever situated throughout the Canal. All lands commanded by both canals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
14	Ekrák Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
14	Krishna Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	<b>Total</b>	...	...	8,206	2,25,730	20,188	1,17,746	15,277	41,576	...	...	5,772	11,747	893	3,018	84	430	49,895	4,00,240	
	<b>Average rate</b>	...	...	...	27'51	...	5'83	...	2'72	...	...	3'04	...	3'20	...	5'12	...	8'03	...	
<b>MAROR WORKS AND NAVIGATION.</b>																				
15	Wangrol Tank	...	...	...	...	176	689	283	518	...	...	...	...	...	...	...	...	438	1,206	
16	Tranja-Nagrama Tanks	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
17	Savli Tank	...	...	...	...	948	8,678	628	626	...	...	...	...	...	...	...	...	1,500	4,504	
18	Hartala Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
19	Mhasra do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
20	Jánda Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
21	Parval Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
22	Pravara River Works—Ojhar Left Bank Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
23	Bhátdol Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
24	Kávardi do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
25	Shirphal do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
26	Bhádvád do.	508	1,704	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
27	Koragaon do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
28	Ashít do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
29	Pánjra Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
30	Bovári Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
31	Upper Mán River Works	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
32	Yerla River Irrigation Works	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
33	Chiklil Canal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
34	Maini Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
35	Muehkundi do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
36	Gadikeri do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
37	Gowák Canal, 1st Section, and Storage Works	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
38	Dámál Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
39	Melári do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
40	Asavli do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
41	Madng do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
42	Márvikop do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	<b>Total</b>	698	1,794	1,031	13,001	6,770	34,918	22,670	66,008	1,316	3,930	6,460	7,510	200	1,343	64	225	30,079	1,29,339	
	<b>Average rate</b>	...	3'00	...	12'58	...	5'16	...	2'95	...	2'99	...	1'16	...	0'71	...	2'68	...	3'31	
	<b>Grand Total</b>	19,869	1,89,108	11,923	2,00,147	38,237	1,82,769	67,696	1,76,404	1,316	3,930	19,633	80,866	556	4,612	236	919	143,380	8,78,795	
	<b>Average rate</b>	...	0'60	...	24'53	...	5'63	...	3'05	...	2'99	...	1'63	...	0'81	...	3'89	...	6'13	

Note.—The difference between the figures of total areas and assessments in this statement and those in Statements I—E to IV—E is due to difference in treatment of fractions in some cases, and in others to the fact that the figures in this statement are more or less hypothetical and are arrived at on the assumption that certain areas are assessed on certain rates.

\* Now irrigation only.

† Exclusive of 1,807 acres of Mámul Bágdyat area on the Lower Pánjra River Works, but inclusive of 323 acres on account of the area of irrigation in blocks on the Nira Canal, including Shetpal Tank; excludes 291 acres of irrigation blocks under the Bhádvád Tank which was double cropped.

‡ Exclusive of Rs. 8,352 on account of enhanced water-rates on old works of the Lower Pánjra River Works.

## STATEMENT

Statement showing Operations of the year 1909-1910,

No.	Names of Works.	Amount of Estimate, Direct and Indirect.	CAPITAL OUTLAY, DIRECT AND INDIRECT.		LENGTH OF (AS EXECUTED).		AREA UNDER COMMAND.	
			During 1909-1910.	To end of 1909-1910.	Canal.	Distributaries.	Gross.	Irrigated at present.
1	2	3	4	5	6	7	8	9
<b>MAJOR WORKS.</b>								
<i>Protective Works.</i>								
1	Pravara River Works—Ojhar Right Bank Canal ... ..	13,81,164	† 2,85,137	† 3,90,008	11-38	6-00	73,763	} Not as certain- ed. 117,480
2	Chankapur Tank—Girna Left Bank Canal ... ..	17,69,596	1,66,310	15,68,299	18-11	...	18,982	
3	Nha Canal including Shetphal Tank ... ..	* 89,49,307 * 6,06,084	56	64,33,934	{ 100-25 6-54	{ 139 ...	274,447	
4	Mhasvad Tank ... ..	* 27,34,496	...	20,96,018	66-25	41-50	129,045	
	Total ...	1,56,90,597	4,51,503	1,04,88,252	197-48	186-50	496,237	142,280
<i>Productive Works.</i>								
8	Hathmati and Khari Cut Canals combined ... ..	{ * 7,62,392 * 2,07,384	14 980	11,60,456	{ 21 24	80 12	44,744 17,300	8,000 11,500
9	Lower Pánjra River Works ... ..	* 7,04,681	...	4,68,621	...	45	13,117	12,627
	Waghad Tank ... ..	* 4,007	4,007	6,83,799	...	...	...	...
10	Kádra River { Pákhed Canal ... .. Works ... { Ojhar Pámbat Canal ... .. Wadál Canal ... ..	{ * 4,66,402 * 17,785 * 68,461	688	2,88,136	11	14-36	28,832	9,837
	Pravara River Works—Lákh Canal ... ..	* 7,60,764	...	3,71,891	4-50 8-62	...	8,055 3,486	2,367 2,438
11	Mutha Canals including Mátoba Tank ... ..	* 1,23,73,762 2,10,500	55,409	75,93,443	{ 88 67	9-37 ...	29,913 94,087	11,280 16,800
12	Ekrak Tank ... ..	* 21,35,530	...	13,40,366	48	1-68	10,700	3,250
14	Krishna Canal ... ..	* 16,60,398	...	8,66,627	63-87	...	17,152	16,941
	Total ...	2,00,65,337	75,084	1,23,11,837	291-99	196-41	295,113	107,355
	Total, Major Works ...	3,67,55,934	5,26,587	2,33,00,059	489-47	382-91	791,950	249,635
<b>MINOR WORKS AND NAVIGATION.</b>								
15	Wangroli Tank ... ..	2,42,973	...	2,38,987	8	...	2,500	2,000
16	Tranza-Nagramma Tank ... ..	3,12,734	5	2,77,392	7-50	...	2,388	1,200
17	Savli Tank ... ..	2,49,222	12,940	2,52,866	8	...	4,700	3,000
18	Hartála Tank ... ..	75,040	...	73,382	...	5-50	694	415
19	Mhasva Tank ... ..	1,40,015	...	1,33,953	...	7	4,647	1,700
20	Jánda Canals ... ..	10,88,640	...	10,41,089	39	75	46,283	5,000
21	Parul Tank ... ..	2,23,612	...	2,14,995	...	4-75	3,337	1,000
22	Pravara River Works—Ojhar Left Bank Canal ... ..	3,48,211	...	3,47,550	19	21	23,724	14,763
23	Bhátodi Tank ... ..	3,78,278	...	3,79,707	4-50	5-50	15,126	12,124
24	Káseudi do. ... ..	45,590	...	45,590	...	1-75	597	150
25	Shirusuphal do. ... ..	2,22,282	...	2,24,568	...	12-50	4,600	1,800
26	Bhádálvádi do. ... ..	2,28,724	...	2,27,422	...	9-75	3,000	2,000
27	Koregson do. ... ..	42,049	...	39,189	3-75	...	Not known	1,050
28	Ashti do. ... ..	8,34,927	...	8,36,091	27-50	2	17,882	11,780
29	Pathri do. ... ..	8,72,856	47,083	6,34,463	4-66	3-93	5,000	2,500
30	Bevári Canal ... ..	59,448	...	59,811	10-25	...	3,813	1,920
31	Upper Man River Works ... ..	4,44,531	...	4,39,286	17-50	6-50	8,443	2,080
32	Yerla River Irrigation Works ... ..	7,45,314	...	7,64,370	33-33	4-00	11,234	5,480
33	Chikhli Canal ... ..	57,415	...	57,442	6-50	...	1,371	1,478
34	Maini Tank ... ..	3,90,492	...	4,37,650	9-25	7-53	4,876	4,625
35	Muchkundi do. ... ..	1,68,420	...	1,58,707	5-50	2-25	5,570	750
36	Gadikeri do. ... ..	17,531	...	16,918	...	Irrigation channel.	687	417
37	Gokák Canal, 1st section, and Storage works ... ..	15,40,882	24,068	* 13,81,922	16-13	35-43	18,668	17,627
38	Dambal Tank ... ..	64,906	...	63,980	...	3-27	3,000	1,000
39	Medleri do. ... ..	81,705	...	81,392	...	5-64	1,916	600
40	Asundi do. ... ..	80,485	...	74,995	...	4-86	1,800	1,011
41	Madag do. ... ..	2,49,407	...	1,67,598	9-00	...	2,851	1,345
42	Mavinkop do. ... ..	34,384	...	33,504	...	2-66	872	617
	Total ...	90,40,073	84,096	87,60,342	229-37	220-29	199,874	99,432
	<b>GRAND TOTAL</b> ...	<b>4,47,96,007</b>	<b>6,10,683</b>	<b>3,20,80,481</b>	<b>718-84</b>	<b>603-20</b>	<b>981,824</b>	<b>349,067</b>

H.

in the Bombay Presidency, excluding Sind.

Rainfall.	Discharge of Canal at head, cubic feet per second.	AREA.		Amount of gross Assessment.	Realizations.	Working Expenses.	Net Revenue.	Remarks.
		Applied for.	Irrigated.					
10	11	12	13	14	15	16	17	18
Inches.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.	
15-87	8-00	425	218	234	227	688	-461	
9-89	19-51	....	8,099	5,392	1,378	5,009	-3,631	
15-26	248	Not available.	41,643	3,21,172	4,00,384	93,693	3,06,891	* Includes interest charges.
13-26	17		2,492					
20-08	69-53	8,723	6,658	33,987	69,789	16,912	62,857	† These figures represent expenditure on the Pravara River Project.
...	.....	9,147	54,118	3,60,765	4,71,753	1,16,302	3,55,456	
40-33	113	7,504	8,856	1,00,088	81,102	36,010	45,092	‡ Application for dry-crop land only.
31-33	61	30,369	12,532					
18-62	7-63	† 714	2,616	14,256	11,371	2,401	-2,394	
...	.....	.....	.....	.....	.....	.....	.....	
20-11	20-57	2,279	2,161	14,393	14,049	5,840	5,209	
28-13	5-29	874	632	3,671	3,479	1,380	2,099	
17-81	4-07	872	800	2,681	3,004	1,381	1,823	
14-52	20-22	1,373	691	1,502	1,533	5,754	-4,221	
16-33	159-14	9,669	11,181	3,52,982	3,54,036	1,20,905	2,33,131	
18-23	4-63	1,444	2,588	4,643	50,548	74,526	14,584	59,942
17-18	25-49	6,888	4,643	5,362	53,627	55,918	11,595	44,323
13-12	48-92	5,345	5,362	5,362	53,627	55,918	11,595	44,323
...	.....	46,331	51,672	5,98,566	5,99,085	2,08,001	3,91,084	
...	.....	55,473	105,785	3,54,630	10,70,798	3,21,308	7,44,490	
30-73	76 M. c. ft.	413	438	2,098	4,395	7,280	-2,885	
28-68	Nil.	....	.....	418	724	4,448	-3,722	
27-22	46 M. c. ft.	908	1,569	4,730	2,975	3,242	-257	
32-78	0-05	3	9	1,206	1,252	854	918	
32-11	5-56	483	555	2,939	2,638	1,091	1,747	
23-53	43-62	1,931	1,902	5,293	7,737	7,894	-167	
17-45	5-76	....	1,447	4,765	1,493	1,123	375	
15-87	23-81	11,561	6,179	10,566	13,183	8,010	5,152	
23-68	3-03	1,751	1,510	7,855	8,681	6,036	2,556	
12-32	.....	45	48	488	487	594	-127	
17-10	3-44	1,862	1,481	3,625	3,603	1,838	1,720	
17-15	3-80	1,670	1,986	4,703	5,849	2,727	3,122	
21-72	2-98	462	459	1,137	1,066	1,617	-551	
21-04	14-60	4,319	3,759	15,581	15,115	5,872	9,743	
27-40	1-13	910	892	3,145	2,457	2,540	-83	
22-01	2-52	1,272	1,128	5,154	7,001	2,051	4,950	
22-73	2-70	1,018	687	3,171	3,981	4,388	-357	
17-80	12-22	3,421	3,784	15,928	24,953	6,786	18,197	
15-83	2-56	866	314	1,673	1,552	1,172	380	
25-80	3-70	1,643	1,615	7,554	5,347	3,018	5,329	
24-72	.....	....	.....	770	770	317	453	
...	.....	....	§ 377	2,061	2,051	593	1,469	Water allowed free of charge to 2 acres for non-perennial crops during Kharif and Rabi seasons as per Government Resolution No. A. I.—374, dated 1st March 1909.
16-44	37-68	6,346	8,507	53,156	53,998	12,969	41,023	§ Area under consolidated assessment.
15-70	0-79	† 290	178	3,186	3,005	1,028	1,977	¶ Owing to the scarcity of water in these two tanks there was a large decrease in the area actually irrigated.
7-51	0-63	† 189	144	909	599	852	-253	¶ Under consolidated assessment.
15-44	0-43	186	146	1,336	1,864	1,439	-75	¶ Includes Rs. 4,12,886 charged to 35 Protective Irrigation Works.
22-31	5-85	647	681	2,592	2,779	2,111	668	
No gauge.	.....	....	¶ 585	2,208	2,203	898	1,305	
...	.....	41,199	39,870    1,291	1,68,286	1,64,372	91,748	92,629	
...	.....	96,877	145,155    1,291	11,22,916	12,55,165	4,16,046	8,39,119	

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STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1909-1910.

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## STATEMENT

## Statement of Canals in the Indus

1	MAJOR WORKS.			
	Begári Canals District.			
	Desert Canal.	Unharwah.	Begári Canal.	Total.
2	3	4	5	
		Wahur Dhand <i>ex</i> River Indus.	Wadhu Dhand <i>ex</i> River Indus.	
Source of supply of water ... ..	River Indus.			
Maximum discharge of water, c. ft. per second.	...	...	...	...
Minimum discharge of Canal ,,	4,283	2,716	6,549	...
Average annual rainfall ... ..Inches.	2-61	2-35	2-22	...
Gross area commanded ... ..Acres.	388,985	246,970	751,680	1,387,635
Culturable area commanded ... ..	388,985	214,056	680,521	1,283,562
Area irrigable by complete project ... ..	129,660	56,000	186,500	372,160
Area irrigable at present ... ..	129,660	56,000	186,500	372,160
<i>Sanctioned Estimate.</i>				
Direct charges ... .. Rs.	26,22,235	6,90,284	21,54,480	54,66,999
Indirect charges ... .. "	79,021	18,848	91,120	1,88,989
Interest during construction... .. "	19,46,527	5,06,126	23,94,681	48,47,334
Total Estimate ...	46,47,783	12,15,258	46,40,281	1,05,03,322
<i>Expenditure to end of 1909-1910.</i>				
Direct charges ... .. Rs.	26,22,235	6,90,284	21,38,331	54,50,850
Indirect charges ... .. "	79,021	18,848	61,102	1,58,971
Interest during construction... .. "	19,46,527	5,06,126	23,94,681	48,47,334
Total Expenditure ...	46,47,783	12,15,258	45,94,114	1,04,57,155
<i>Works as now sanctioned.</i>				
Main Canals Irrigation ... .. Miles.	75	36	76	187
Branch Canals ... .. "	197	78	118	393
Distributaries ... .. "	58	4	...	62
Of the above—				
Navigable Canals ... .. Miles.	4	...	58	62
<i>Works completed at end of 1909-1910.</i>				
Main Canals Irrigation ... .. Miles.	75	36	76	187
Branch Canals ... .. "	197	78	118	393
Distributaries ... .. "	58	4	...	62
Of the above—				
Navigable Canals ... .. Miles.	4	...	58	62

I-A.

## Right Bank Division for 1909-1910.

Shikarpur Canals Dis- trict.	MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.			MINOR WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
	Ghár Canals District.		Karachi Canals District.	Shikarpur Canals District.	Western Nára District.	Karachi Canals District.
	Mahiwah. Sukkur Canal.	Ghár Canal.	Sattah Canal.	Other Canals.	Other Canals.	Other Canals.
6	7	8	9	10	11	12
Gudn Dhand or River Indus.	River Indus.	River Indus.	River Indus.	Dhands or River Indus.	Dhands or River Indus.	River Indus.
3,553	2,618	6,806	646	...	...	...
240	242	179	807	240	43	70
200,251	246,713	505,649	61,102	477,924	990,586	6,158,771
120,594	162,118	395,944	23,757	401,764	715,718	1,799,083
65,950	90,000	250,000	23,757	244,995	405,311	1,295,923
65,950	90,000	250,000	16,764	244,995	397,636	239,533
9,86,887	13,64,754	5,41,696	1,73,972	...	...	...
1,29,503	61,496	30,690	6,028	...	...	...
3,60,883	.....	...	.....	...	...	.....
14,27,223	14,26,250	5,72,386	1,80,000	...	...	...
13,21,850	13,64,754	5,41,696	1,73,972	...	...	.....
57,302	61,496	30,690	6,028	...	...	.....
3,60,883	.....	...	.....	...	...	.....
17,40,035	14,26,250	5,72,386	1,80,000	...	...	...
29	74	87	31	191	348	454
168	56	230	6	90	316	477
87	.....	...	.....	...	9	.....
...	.....	103	6	...	261	159
29	74	87	31	191	348	454
168	56	230	6	90	316	477
87	.....	...	.....	...	9	.....
...	.....	103	6	...	261	159

## STATEMENT

## Statement of Canals in the Indus

1	MAJOR WORKS.								
	Jámró Canal District.	Northern Hyderabad Canals District.			Eastern Nára District.				
	Jámró Canal.	Dád Canal.	Nasrat Canal.	Total.	Nára Supply Channel.	Eastern Nára.	Mithráo Canal.	Thar Canal.	Khipra Canal.
2	3	4	5	6	7	8	9	10	
Source of Supply of water ... ..	Eastern Nára.	Indus.	Indus.		Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Minimum discharge of River ... C. feet per second.*	.....	31,000	31,000	...	31,000	...	...	...	...
Maximum discharge of Canal... „ „	3,385	4,635	2,989	...	...	...	2,900	1,400	...
Average annual rainfall ... .. Inches.	6'41	5'87	4'80	...	...	10'36	8'81	10'48	8'00
Gross area commanded ... .. Acres.	870,860	630,100	383,700	1,018,800	151,400	303,400	450,000	162,000	47,900
Culturable area commanded ... .. „	776,281	336,000	319,000	656,000	25,000	275,500	400,100	144,800	45,000
Area irrigable annually by complete project . „	300,000	145,400	104,100	249,500	23,000	90,900	143,500	50,000	8,000
Area irrigable at present ... .. „	253,600	145,400	104,100	249,500	...	58,400	132,000	50,000	8,000
<i>Sanctioned Estimate.</i>									
Direct charges ... .. Rs.	77,26,671	25,94,510†	19,32,348	45,76,858	...	...	...	...	...
Indirect charges ... .. „	2,47,891	99,420	76,286	1,75,706	...	...	...	...	...
Interest during construction ... .. „	3,23,569	4,22,274	2,93,639	7,15,913	...	...	...	...	...
Total, Estimate ... .. Rs.	82,98,121	31,16,204	23,52,273	54,68,477	...	...	...	...	...
<i>Expenditure to end of 1909-1910.</i>									
Direct charges ... .. Rs.	80,13,139	22,64,416	18,04,382	40,68,798	...	...	...	...	...
Indirect charges ... .. „	2,31,144	86,179	55,546	1,41,725	...	...	...	...	...
Interest during construction ... .. „	35,72,339	8,15,326	4,78,894	12,94,220	...	...	...	...	...
Total, Expenditure ... .. Rs.	1,18,16,622	31,65,921	23,38,322	55,04,743	...	...	...	...	...
<i>Works as now sanctioned.</i>									
Main Canals Irrigation ... .. Miles.	117	96	97	193	12	320	93	24	15
Branch Canals ... .. „	63	251	95	346	...	...	504	48	...
Distributaries ... .. „	409	44	118	102	...	...	...	...	...
Of above—									
Navigable Canals ... .. Miles.	.....	...	...	...	12	320	93	...	...
<i>Works completed at end of 1909-1910.</i>									
Main Canals Irrigation ... .. Miles	117	95	95	190	12	320§	93	24	15
Branch Canals ... .. „	63	250	84	334	...	...	504	48	...
Distributaries ... .. „	409	25	118	143	...	...	...	...	...
Of above—									
Navigable Canals ... .. Miles.	.....	...	...	...	12	320	93	...	...

\* Note.—The minimum discharge of the River during 1909-1910 was:—

Bukkur ... 31,000 cusecs on 26th March 1910.

Kotri ... 32,000 cusecs on 26th March 1910.

† The decrease in the amount as compared with last year is due to omission of certain works sanctioned in the original project having been found unnecessary. This amount is now equal to expenditure to 1907 when construction estimate was closed plus the amount of schedule of incomplete works.

§ Practically a River.

I-A—continued.

Left Bank Division for 1909-1910.

			MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.							WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
			Central Hyderabad Canals District.				Fulchli Canals District.			Northern Hyderabad Canals District.	Central Hyderabad Canals District.	Fulchli Canals District.
Heran Canal.	Hiral Canal.	Total.	Alibhar Kacheri.	Great Marak.	Surfraz.	Total.	Fulchli Canal.	Hassanali Canal.	Total.	Total.	Total.	Total.
11	12	13	14	15	16	17	18	19	20	21	22	23
Eastern Nára.	Eastern Nára.		Indus.	Indus.	Indus.		Indus.	Indus.		Indus.	Indus.	Indus.
...	...	...	31,000	31,000	31,000	...	31,000	32,000	...	31,000	31,000	31,000
...	...	...	599	1,556	1,161	...	10,000	1,000	...	...	...	...
5-87	19-87	...	6-86	6-88	6-79	...	10-42	5-07	...	5-15	5-87	5-48
11,000	46,000	1,171,700	75,500	240,000	165,000	480,500	1,702,000	144,000	1,847,000	700,000	980,000	147,800
9,000	33,800	987,700	51,900	2,38,800	139,400	429,900	1,487,500	84,000	1,621,600	313,000	800,000	95,800
3,000	15,700	384,100	14,000	65,000	35,000	114,000	400,000	30,000	430,000	111,800	175,000	35,000
3,000	20,000	271,400	14,000	65,000	35,000	114,000	400,000	30,000	430,000	111,800	175,000	35,000
...	...	65,59,846	28,020	2,10,378	1,18,559	3,56,957	21,12,600	2,71,979	23,84,579	...	...	...
...	...	2,27,045	887	8,417	6,121	15,425	68,360	18,922	85,282	...	...	...
...	...	...	...	...	...	...	...	8,834	8,834	...	...	...
...	...	07,66,891	28,907	2,18,795	1,24,680	3,72,383	21,80,960	2,97,735	24,78,695	...	...	...
...	...	65,48,368	23,207	2,07,486	1,18,559	3,49,302	19,13,446	2,81,400	21,94,846	...	...	...
...	...	2,28,671	710	8,310	6,121	15,141	71,215	13,445	84,660	...	...	...
...	...	38,37,466	...	...	...	...	...	...	...	...	...	...
...	...	1,51,14,495	23,917	2,15,743	1,24,680	3,64,343	19,84,661	2,94,845	22,79,506	...	...	...
3	19	486	25	24	80	129	98	35	133	117	148	62
...	22	120½	33	149	81	213	889	46	935	149	441	76
...	...	...	...	...	...	...	35	19	54	...	...	...
...	...	425	22	23	80	74	326	40	366	...	105	10
3	19	486	25	24	80	129	98	35	133	117	148	62
...	22	120½	33	149	81	213	889	46	935	149	441	76
...	...	...	...	...	...	...	35	19	54	...	...	...
...	...	425	22	23	80	74	326	40	366	...	105	10

## STATEMENT

## Capital Account of Irrigation Works

Name of Work.	DURING YEAR.								
	Direct Charges.					Indirect Charges.			
	Works.	Estab- lish- ment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
<b>MAJOR WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>PRODUCTIVE WORKS.</b>									
1. Desert Canal ... ..	...	...	...	...	...	...	...	...	...
2. Unharwáh ... ..	7,839	1,808	...	9,642	...	9,642	...	252	252
3. Begári Canal ... ..	68,84	15,648	... } (a) 17 }	84,008	...	84,008	...	2,190	2,190
4. Mahiwáh ... ..	...	...	...	...	...	...	...	...	...
5. Eastern Nára Works ... ..	12,903	13,338	556	26,792	...	26,792	...	1,867	1,867
6. Jámráo Canal ... ..	58,403	19,642	1,261	79,326	...	79,326	...	2,750	2,750
7. Dád do. ... ..	3,671	2,480	...	6,151	...	6,151	...	347	347
8. Nasrat do. ... ..	—9,758	3,157	188	—6,418	...	—6,418	...	442	442
9. Naulákhí do. ... ..	...	...	...	...	...	...	...	...	...
Total ...	1,41,406	56,058	2,020 } 17 }	1,99,501	...	1,99,501	...	7,848	7,848
<b>MINOR WORKS AND NAVIGATION.</b>									
10. Sukkur Canal ... ..	...	...	...	...	...	...	...	...	...
11. Ghar do. ... ..	...	...	...	...	...	...	...	...	...
12. Sattah do. ... ..	284	...	...	284	...	284	1,574	...	1,574
13. Alibhar Kacheri Canal ... ..	...	...	...	...	...	...	...	...	...
14. Márák Great Canal ... ..	...	...	...	...	...	...	...	...	...
15. Surfragwáh ... ..	...	...	...	...	...	...	...	...	...
16. Fulcí Canal ... ..	...	...	...	...	...	...	...	...	...
17. Hassanalí Canal ... ..	3,381	777	51	4,209	...	4,209	...	109	109
Total ...	3,665	777	51	4,493	...	4,493	1,574	109	1,683
<b>GRAND TOTAL ...</b>	<b>1,45,071</b>	<b>56,835</b>	<b>2,071 } 17 }</b>	<b>2,08,994</b>	<b>...</b>	<b>2,08,994</b>	<b>1,574</b>	<b>7,957</b>	<b>9,581</b>

(a) Suspense Account.

I-B.

in Sind for and to end of 1909-1910.

TO END OF YEAR.										
Grand Total.	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	21,16,722	4,79,840	25,710	26,22,272	97	26,22,285	2,121	76,900	79,021	27,01,266
9,894	5,67,139	1,20,680	2,465	6,90,284	...	6,90,284	1,953	16,895	18,848	7,09,132
86,108	18,11,885	3,20,482	6,593	21,38,350	19	21,38,381	5,195	55,907	61,102	21,99,483
...	10,79,118	2,33,238	9,500	13,21,856	6	13,21,850	24,649	32,653	57,302	13,79,152
28,659	51,79,680	13,00,347	68,517	65,48,544	178	65,48,868	3,669	2,26,002	2,23,671	67,77,939
82,076	64,71,275	13,68,084	1,70,155 (a) 4,606	80,14,120	981	80,18,189	39,613	1,91,581	2,31,144	82,44,293
6,498	19,21,504	3,26,796	16,150	22,64,450	34	22,64,416	40,428	45,751	86,179	23,50,595
-5,976	15,58,723	2,39,726	6,091	18,04,540	158	18,04,382	21,985	83,551	55,546	18,59,928
...	4,876	236	...	5,112	...	5,112	...	33	33	5,145
2,07,349	2,07,10,372	43,39,429	8,05,121 } 4,606	2,54,09,523	1,411	2,54,08,117	1,38,613	6,79,233	8,17,846	2,62,25,968
...	11,39,526	2,11,468	13,920	13,64,914	180	13,64,754	20,466	41,030	61,496	14,26,250
...	4,41,495	97,299	2,902	5,41,696	...	5,41,696	12,536	18,154	30,690	5,72,386
1,858	1,40,077	31,819	2,076	1,73,972	...	1,73,972	1,674	4,454	6,028	1,80,000
...	19,636	3,548	23	23,207	...	23,207	...	710	710	23,917
...	1,70,629	35,275	1,612	2,07,516	80	2,07,436	1,409	6,901	8,310	2,15,746
...	1,03,482	15,097	80	1,18,559	...	1,18,559	3,102	8,019	6,121	1,24,680
...	15,97,091	3,83,105	8,754	19,13,950	504	19,13,446	14,412	56,803	71,215	19,84,661
4,318	2,26,813	49,286	5,301	2,81,400	...	2,81,400	6,545	6,900	13,445	2,94,845
6,176	33,08,699	7,81,897	84,618	46,25,214	744	46,24,470	60,044	1,37,971	1,98,015	48,22,485
2,13,525	2,45,19,071	51,71,326	8,39,789 } 4,606	3,00,34,742	2,155	3,00,32,587	1,98,657	8,17,204	10,15,861	3,10,48,448

V. C. FRENCH,  
Deputy Accountant General, Public Works, Bombay.

## STATEMENT

Statement showing the Financial Results of Irrigation

Realizations under main heads of

Works.	REVENUE (ACTUAL RECEIPTS).													Revenue Manage-		
	Irrigation.					Planta- tion.	Miscellane- ous.	Total.	Less— Refunds of Re- venue.	Gross Revenue less Refunds.	Deduct- Share due to old Irriga- tion.	Total, Revenue due to Improve- ment.	Establishment.			
	Direct.	Indirect.			Total.								Dirac- tion.	Execu- tive.	Civil Officers.	
	Water- rates directly paid.	Share of Land Revenue.	4 per cent. on 5/16ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total.	Total.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>MAJOR WORKS.</b>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>PRODUCERS PUBLIC WORKS.</b>																
1. Desert Canal	1,00,232	2,42,473	1,693	2,44,171	3,44,423	87	1,435	3,45,948	...	3,45,948	...	3,45,945	...	...	17,107	
2. Unharwah	298	1,33,344	2,747	1,36,091	1,36,387	49	613	1,37,049	...	1,37,049	...	1,37,049	...	...	11,647	
3. Begri Canal	40,380	5,33,098	3,439	5,44,537	5,84,917	25	2,733	5,87,668	...	5,87,668	39,613	5,54,055	...	...	36,235	
4. Mahwah	1,204	2,02,784	2,775	2,06,569	2,06,763	...	4,918	2,11,579	...	2,11,579	1,10,497	1,01,082	...	...	14,636	
5. Eastern Nara Works.	3,382	5,64,317	2,431	5,66,748	5,70,110	361	19,649	5,90,320	...	5,90,320	3,444	5,86,876	...	...	34,761	
6. Jámro Canal	1,245	5,35,784	38,373	5,74,168	5,75,401	145	13,843	5,94,394	...	5,94,394	...	5,94,394	...	43,910	16,537	
7. Dád do.	3,596	2,61,833	6,043	2,67,896	2,71,493	651	3,207	2,75,350	...	2,75,350	83,913	1,91,437	...	...	13,942	
8. Nasrat do.	—311	2,57,571	8,299	2,56,870	2,56,569	136	1,940	2,57,685	...	2,57,685	72,854	1,84,831	...	...	16,339	
9. Naulákhí do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Total</b>	<b>1,50,024</b>	<b>27,94,324</b>	<b>70,504</b>	<b>28,65,028</b>	<b>30,15,053</b>	<b>1,504</b>	<b>63,434</b>	<b>30,69,990</b>	<b>...</b>	<b>30,69,990</b>	<b>3,04,321</b>	<b>27,65,669</b>	<b>...</b>	<b>42,910</b>	<b>1,68,204</b>	
<b>MINOR WORKS AND NAVIGATION.</b>																
10. Sukkur Canal	1,333	2,61,001	775	2,61,777	2,69,160	300	2,495	2,65,655	...	2,65,655	84,806	1,81,049	...	...	19,180	
11. Ghár do.	5,503	7,33,233	7,468	7,40,719	7,46,322	11	10,533	7,56,759	...	7,56,759	1,35,512	6,21,247	...	...	50,032	
12. Saitah do.	76	35,906	473	36,384	36,460	...	735	37,245	...	37,245	10,145	21,100	...	...	2,310	
13. Alibhar Kacheri Canal	401	25,563	630	26,392	26,793	...	229	27,022	...	27,022	17,505	9,517	...	...	2,361	
14. Mára Great Canal	1,950	1,42,193	3,127	1,45,320	1,47,370	...	454	1,47,724	...	1,47,724	59,487	88,237	...	...	11,030	
15. Surfarwah	2,969	57,348	1,292	58,640	61,509	...	707	62,318	...	62,318	18,906	43,410	...	...	4,360	
16. Fuleh Canal	31,909	7,57,036	11,414	7,68,509	8,00,418	207	12,465	8,13,110	...	8,13,110	2,44,549	5,68,561	...	...	67,136	
17. Hassanali Canal	—234	42,338	392	42,680	42,336	...	911	43,247	...	43,247	5,916	37,331	...	...	2,632	
<b>Total</b>	<b>43,797</b>	<b>20,84,597</b>	<b>25,804</b>	<b>20,80,371</b>	<b>21,24,168</b>	<b>418</b>	<b>23,592</b>	<b>21,53,178</b>	<b>...</b>	<b>21,53,178</b>	<b>5,33,976</b>	<b>15,70,503</b>	<b>...</b>	<b>...</b>	<b>1,48,942</b>	
<b>GRAND TOTAL</b>	<b>1,93,821</b>	<b>49,49,791</b>	<b>96,808</b>	<b>49,45,399</b>	<b>51,39,220</b>	<b>1,922</b>	<b>83,026</b>	<b>52,23,168</b>	<b>...</b>	<b>52,23,168</b>	<b>8,38,997</b>	<b>43,36,171</b>	<b>...</b>	<b>42,910</b>	<b>3,15,206</b>	
Works for which only Revenue Accounts are kept	27,340	24,05,423	44,870	24,50,293	24,77,633	1,400	44,319	25,23,957	...	25,23,957	...	25,23,957	...	...	1,48,875	

I-C.

Works in Sind for the year ended 31st March 1910.

Revenue and Working Expenses.

WORKING EXPENSES.															NET REVENUE.			
ment.	Maintenance and Repairs.														Total Working Expenses on Improvements.	Total.	Due to Improvements.	
	Establishment.			Works.	Repairs.	Sundries.	Plantations.	Tools and Plant.	Total Cost of Maintenance.	Indirect Charges.	Grand Total Working Expenses.	Deduct—Old Maintenance Charges.						
	Direction.	Executive.	Total.									Direct.	Indirect.	Total.				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
17,167	3,302	3,304	6,606	4,045	99,011	...	854	7	1,10,528	1,285	1,28,075	...	...	...	1,28,075	2,16,970	2,16,970	
11,647	843	844	1,687	2,500	22,501	...	382	...	27,580	236	28,443	...	...	...	28,443	1,57,606	1,57,606	
26,235	2,368	3,827	6,195	2,105	73,398	...	453	...	82,740	1,152	1,20,137	8,757	2	6,759	1,11,368	4,07,541	4,42,687	
14,636	1,865	-5,110	-3,745	2,829	41,010	...	...	80	40,174	-524	54,286	31,007	273	31,280	33,006	1,57,268	68,076	
34,761	7,743	33,556	41,341	2,082	1,18,058	17	1,124	1,536	1,64,741	6,788	2,08,290	...	844	...	844	2,04,916	3,85,030	3,81,030
39,327	3,458	77,030	85,544	3,076	1,20,619	-242	16,617	2,447	2,27,961	17,970	3,05,288	...	...	...	3,05,288	2,89,126	2,89,126	
18,063	4,142	14,170	19,312	1,020	63,376	...	693	439	63,840	2,564	1,05,355	44,076	1,188	45,814	60,142	1,69,994	1,31,205	
16,339	3,285	11,230	14,515	1,032	51,315	...	434	417	67,716	2,032	86,027	19,355	463	19,808	66,279	1,81,598	1,28,553	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,09,074	31,542	1,36,910	1,70,458	16,670	5,90,989	-325	20,537	4,926	8,05,235	30,503	10,44,632	93,539	1,868	95,406	9,49,497	20,25,156	18,16,243	
19,180	1,475	10,718	12,193	4,519	44,830	...	438	600	62,675	1,707	83,432	13,226	106	13,322	70,100	1,82,393	1,10,049	
50,023	4,090	29,708	33,798	3,140	1,20,795	...	1,517	-20	1,59,230	5,095	2,14,567	19,480	161	19,641	1,95,516	5,43,402	4,25,731	
2,310	708	2,098	2,804	76	21,644	...	...	-361	24,163	308	24,872	9,993	225	9,218	17,051	10,873	8,446	
2,261	236	603	844	...	3,083	...	...	-53	4,479	119	6,859	9,078	188	9,266	-2,407	20,183	11,024	
11,030	1,267	3,268	4,638	...	19,811	...	...	-236	24,058	635	35,723	22,978	427	23,406	12,318	1,12,001	75,969	
4,395	880	2,267	3,147	...	13,055	...	694	-199	16,697	441	21,504	7,651	170	7,821	13,683	40,713	29,727	
57,125	10,443	33,554	43,997	5,091	1,58,006	...	319	283	3,07,695	6,180	2,70,890	1,14,365	2,096	1,16,361	1,54,029	5,42,120	4,13,923	
2,622	1,141	3,667	4,808	683	19,979	...	...	31	22,681	673	25,978	3,350	78	3,428	32,518	17,271	14,818	
1,46,943	20,240	85,884	1,06,124	13,689	3,98,306	...	2,983	-6	5,21,578	15,223	8,85,743	1,99,281	3,451	2,01,732	4,84,011	14,07,456	10,88,491	
3,58,010	51,728	2,24,800	2,76,582	32,359	9,89,777	-325	23,520	4,920	10,26,833	45,726	17,80,575	2,91,320	5,317	2,97,137	14,33,435	34,92,593	29,02,723	
1,46,975	20,840	69,970	89,810	51,227	4,80,325	...	...	-2,536	6,18,826	...	7,65,701	...	...	...	7,65,701	17,57,656	17,57,656	

V. C. FRENCH,  
Deputy Accountant General, Public Works, Bombay.



## STATEMENT II-C.

Statement showing the Financial Results of Irrigation Works in Sind for the year 1909-1910,  
based on actual receipts.

Irrigation Works.	Direct and Indirect Capital Outlay to end of 1909-1910.	REVENUE RECEIPTS.			WORKING EXPENSES.			Net Revenue due to Improvements.	Percentage of Net Revenue on Capital Outlay to end of year.	Interest at average rate.	SURPLUS REVENUE AFTER PAYING INTEREST.		EXCESS CHARGES INCLUDING INTEREST.	
		Gross Receipts, Direct and Indirect from all sources.	Defect—Share due to old Irrigation Works.	Total Revenue due to Improvements.	Total Charges, Direct and Indirect.	Defect—Old Maintenance charges.	Total Working Expenses on Improvements.				Amount.	Percentage on Capital Outlay.	Amount.	Percentage on Capital Outlay.
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MAJOR WORKS.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	
<b>PRODUCTIVE WORKS.</b>														
1. Desert Canal ... ..	27,01,256	3,45,945	...	3,45,945	1,28,975	...	1,28,975	3,16,970	8'03	89,064	1,28,916	4'77	...	...
2. Unharwah ... ..	7,09,132	1,97,049	...	1,97,049	89,443	...	89,443	1,57,606	22'23	23,019	1,34,588	18'98	...	...
3. Begari Canal ... ..	21,99,433	5,87,648	83,613	5,64,055	1,30,127	8,759	1,11,888	4,43,687	20'13	70,385	3,73,292	16'93	...	...
4. Mahiwah ... ..	13,79,153	2,11,579	1,10,467	1,01,082	54,296	31,380	33,006	68,076	4'94	44,388	23,688	1'72	...	...
5. Eastern Nara Works ... ..	67,77,039	5,90,330	2,444	5,68,876	3,05,290	844	3,04,948	3,61,830	5'04	3,19,444	1,63,486	2'40	...	...
6. Jamaro Canal ... ..	82,44,283	5,94,394	...	5,94,394	3,05,268	...	3,05,268	3,69,126	3'61	3,67,749	21,377	0'28	...	...
7. Dad do. ... ..	23,60,598	2,75,350	83,813	1,91,437	1,06,358	45,214	60,143	1,31,295	5'59	75,936	55,359	2'38	...	...
8. Nasrat do. ... ..	18,59,928	2,67,685	72,854	1,94,831	66,087	19,808	66,279	1,28,533	6'01	60,699	67,553	3'65	...	...
9. Naulakhi do. ... ..	5,145	...	...	...	...	...	...	...	...	172	...	...	172	3'34
<b>Total, Major Works</b> ... ..	<b>2,62,25,963</b>	<b>30,60,980</b>	<b>3,04,321</b>	<b>27,65,659</b>	<b>10,44,832</b>	<b>95,405</b>	<b>9,49,427</b>	<b>18,16,242</b>	<b>6'33</b>	<b>8,49,855</b>	<b>9,66,387</b>	<b>3'63</b>	<b>...</b>	<b>...</b>
<b>MINOR WORKS AND NAVIGATION.</b>														
10. Sukkur Canal ... ..	14,26,250	3,65,855	94,806	1,81,049	89,463	13,362	70,100	1,10,949	7'78	45,633	65,121	4'57	...	...
11. Ghar do. ... ..	5,73,336	7,56,769	1,35,513	6,21,247	2,14,867	16,841	1,95,516	4,25,731	74'33	18,190	4,07,641	71'20	...	...
12. Sutlah do. ... ..	1,89,000	37,245	16,145	21,100	26,872	9,218	17,654	3,446	1'91	5,637	...	...	3,391	1'33
13. Alibhar Kacheri Canal ... ..	23,917	27,022	17,505	9,517	6,859	9,266	-2,407	11,924	49'58	779	11,145	46'00	...	...
14. Marak Great Canal ... ..	2,15,745	1,47,724	59,437	88,287	35,728	23,405	12,318	75,980	35'21	6,968	69,008	31'98	...	...
15. Surfazwah ... ..	1,34,680	62,216	18,808	43,410	21,504	7,821	13,683	29,797	23'84	8,981	25,746	29'65	...	...
16. Fuleli Canal ... ..	19,84,661	6,13,110	2,44,549	5,68,561	2,70,990	1,16,861	1,54,329	4,13,933	20'36	64,254	3,49,678	17'63	...	...
17. Hassanali Canal ... ..	2,94,945	43,247	5,016	37,331	25,976	3,458	22,513	14,513	5'02	9,379	5,634	1'84	...	...
<b>Total, Minor Works and Navigation</b> ... ..	<b>43,22,465</b>	<b>21,53,178</b>	<b>5,82,676</b>	<b>15,70,502</b>	<b>6,85,743</b>	<b>3,01,733</b>	<b>4,84,011</b>	<b>10,96,491</b>	<b>22'33</b>	<b>1,55,214</b>	<b>9,31,377</b>	<b>19'31</b>	<b>...</b>	<b>...</b>
<b>GRAND TOTAL</b> ... ..	<b>3,10,48,448</b>	<b>52,13,158</b>	<b>8,86,997</b>	<b>48,36,171</b>	<b>17,30,575</b>	<b>2,97,137</b>	<b>14,33,433</b>	<b>29,02,733</b>	<b>9'35</b>	<b>10,05,069</b>	<b>18,97,864</b>	<b>6'11</b>	<b>...</b>	<b>...</b>

V. C. FRENCH,

Deputy Accountant General, Public Works, Bombay.

## STATEMENT III-C.

Demands and Realizations during the year 1909-1910 in Sind.

Irrigation Works.	Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	Deduct Remissions including Cash Refunds.	Net Total.	Deduct Amount unrealized at close of year.	Actual Total Receipts of year.	Deduct Share due to old Irrigation.	Total Revenue due to Improvements.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.									
1 Desert Canal ... ..	64,168	3,27,536	3,91,744	289	3,91,445	45,500	3,45,945	...	3,45,945
2 Unharwáh ... ..	17,178	1,84,663	2,01,841	52	2,01,789	4,740	1,97,049	...	1,97,049
3 Begári Canal ... ..	27,902	5,69,404	5,97,306	2,740	5,94,566	6,898	5,87,668	33,013	5,54,655
4 Mahiwáh ... ..	9,171	2,12,150	2,21,321	149	2,21,172	9,593	2,11,579	1,10,497	1,01,082
5 Eastern Nára Works ... ..	25,908	5,76,177	6,02,083	5,207	5,96,876	6,556	5,90,320	3,444	5,86,876
6 Jámráo Canal ... ..	1,79,157	5,47,824	7,26,981	7,404	7,19,577	1,25,183	5,94,394	...	5,94,394
7 Dád do. ... ..	26,107	2,68,422	2,94,529	...	2,94,529	19,179	2,75,350	83,913	1,91,437
8 Nasrat do. ... ..	25,455	2,64,046	2,89,501	...	2,89,501	21,816	2,67,685	72,854	1,94,831
9 Naulákhí do. (b) ... ..	...	...	...	...	...	...	...	...	...
Total, Major Works ... ..	3,75,034	29,50,272	33,25,306	15,851	33,09,455	2,39,465	30,69,990	3,04,321	27,65,669
MINOR WORKS AND NAVIGATION.									
10 Sukkur Canal ... ..	5,488	2,64,323	2,69,811	...	2,69,811	3,956	2,65,855	84,806	1,81,049
11 Ghár do. ... ..	18,508	7,53,523	7,72,026	2,012	7,70,014	13,255	7,56,759	1,35,512	6,21,247
12 Suttah do. ... ..	3,323	89,240	42,563	...	42,563	5,318	37,245	10,145	21,100
13 Alíhár Kacheri Canal ... ..	752	26,766	27,518	...	27,518	496	27,022	17,505	9,517
14 Marak Great do. ... ..	3,027	1,45,444	1,53,471	14	1,53,457	5,733	1,47,724	59,437	88,287
15 Surfrazwah ... ..	3,052	69,312	67,364	...	67,364	5,148	62,216	13,806	48,410
16 Fuleli Canal ... ..	91,706	7,33,550	8,75,256	91	8,75,165	62,055	8,13,110	2,44,549	5,68,561
17 Hussanali do. ... ..	5,905	45,065	50,970	...	50,970	7,723	43,247	5,916	37,331
Total, Minor Works and Navigation ... ..	1,41,756	21,17,223	22,58,979	2,117	22,56,862	1,03,684	21,53,178	5,82,676	15,70,502
GRAND TOTAL ... ..	5,16,790	50,67,495	55,84,285	17,968	55,66,317	3,43,149	52,23,168	8,86,997	43,33,171

(a) Correct balances as now reported by the Revenue Officers in Oajal Returns Nos. VIII-A and IX.

(b) Work under construction.

V. C. FRENCH,  
Deputy Accountant General, Public Works, Bombay.

## STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

Irrigation Works.	Capital Outlay (Direct and Indirect) to end of year.	REVENUE ASSESSED						
		Direct Revenue.				Indirect Revenue Revenue due to opera canal.		
		Occupier's rate.	Planta-tions.	Miscella-neous.	Total.	Share of Land Revenue.	4 per cent. on 1/10ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	
1	2	3	4	5	6	7	8	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<b>MAJOR WORKS.</b>								
<b>PRODUCTIVE WORKS.</b>								
1	Desert Canal ... ..	27,01,256	91,753	87	1,435	93,275	2,32,613	1,698
2	Unharwah ... ..	7,09,132	247	49	613	909	1,81,007	2,747
3	Begári Canal ... ..	21,99,433	32,119	25	2,726	34,870	5,26,095	8,439
4	Mahiwah ... ..	13,79,152	1,044	...	4,816	5,860	2,03,515	2,775
5	Eastern Nára Works ... ..	67,77,039	2,695	361	19,849	22,905	5,50,841	2,431
6	Jámrao Canal ... ..	82,44,233	1,447	145	18,343	20,440	4,69,012	38,372
7	Dád do. ... ..	23,50,595	2,847	651	3,207	6,705	2,55,674	6,043
8	Nasrat do. ... ..	18,59,928	138	186	1,940	2,264	2,53,433	8,299
9	Naulakhi do. ... ..	5,145	...	...	...	...	.....	...
	<b>Total, Major Works ... ..</b>	<b>2,62,25,963</b>	<b>1,32,290</b>	<b>1,504</b>	<b>53,434</b>	<b>1,37,223</b>	<b>26,92,240</b>	<b>70,804</b>
<b>MINOR WORKS AND NAVIGATION.</b>								
10	Sukkur Canal' ... ..	14,26,250	1,601	200	2,495	4,296	2,59,251	776
11	Ghár do. ... ..	5,72,386	1,276	11	10,626	11,813	7,34,224	7,486
12	Saitah do. ... ..	1,80,000	66	...	785	851	37,911	473
13	Alibhar Kacheri Canal ... ..	23,917	422	...	229	661	25,276	839
14	Marak Great do. ... ..	2,15,746	2,355	...	454	2,809	1,89,508	8,127
15	Sarfranzwah ... ..	1,24,680	2,077	...	707	2,784	55,236	1,202
16	Fuleli Canal ... ..	19,84,661	29,484	207	12,435	42,178	7,29,960	11,414
17	Hassanali Canal ... ..	2,94,345	468	...	911	1,869	43,304	392
	<b>Total, Minor Works and Navigation ... ..</b>	<b>49,22,485</b>	<b>37,739</b>	<b>418</b>	<b>23,592</b>	<b>66,749</b>	<b>20,24,670</b>	<b>25,804</b>
	<b>GRAND TOTAL ... ..</b>	<b>3,10,48,448</b>	<b>1,70,029</b>	<b>1,922</b>	<b>82,026</b>	<b>2,53,977</b>	<b>47,16,910</b>	<b>96,608</b>

No. IV-C.

for the year ended 1909-1910, based on the assessment of the year.

for the year ended 31st March 1910.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		Percentage on Capital Outlay to end of year (Improvements only).
Land tion of	Refunds of Revenue.	Grand Total.	Deduct—Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, Direct and Indirect.	Deduct—Old Main-tenance Charges.	Total Work-ing Expenses on Improvements.	Total.	Due to Improvements.	
Total.										
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
2,34,311	...	3,27,586	...	3,27,586	1,28,975	...	1,28,975	1,98,611	1,98,611	7.35
1,83,754	...	1,84,663	...	1,84,663	39,443	...	39,443	1,45,220	1,45,220	20.48
5,34,534	...	5,69,404	39,613	5,35,791	1,20,127	8,759	1,11,368	4,49,277	4,24,423	19.30
2,03,390	...	2,12,150	1,10,497	1,01,653	54,286	21,280	33,006	1,57,864	68,647	4.98
5,53,272	...	5,76,177	3,444	5,72,733	2,05,290	344	2,04,946	3,70,887	3,67,787	5.43
5,27,384	...	5,47,824	...	5,47,824	3,05,268	...	3,05,268	2,42,556	2,42,556	2.94
2,61,717	...	2,68,422	63,913	1,84,509	1,05,356	45,214	60,142	1,63,068	1,24,367	5.29
2,61,782	...	2,64,046	72,854	1,91,192	86,087	19,808	66,279	1,77,959	1,24,913	6.72
...	...	...	...	...	...	...	...	...	...	...
27,63,044	...	29,50,272	3,04,321	26,45,951	10,44,832	95,405	9,49,427	19,05,440	16,96,524	6.47
2,60,027	...	2,64,323	84,806	1,79,517	83,462	13,862	70,100	1,80,861	1,09,417	7.87
7,41,710	...	7,53,523	1,35,512	6,18,011	2,14,357	18,841	1,95,516	5,39,166	4,22,495	73.81
88,389	...	89,240	16,145	23,095	26,872	9,218	17,654	12,368	5,441	3.02
26,115	...	26,766	17,505	9,261	6,859	9,266	-2,407	19,907	11,668	48.79
1,42,635	...	1,45,444	59,437	86,007	35,723	23,405	12,318	1,09,721	73,689	34.16
56,528	...	59,312	18,806	40,506	21,504	7,621	13,883	37,808	26,823	21.51
7,41,374	...	7,83,550	2,44,549	5,39,001	2,70,990	1,16,361	1,54,629	5,12,560	3,84,372	19.37
43,696	...	45,065	5,916	39,149	25,976	3,458	22,518	19,089	16,631	5.64
20,50,474	...	21,17,223	5,82,676	15,34,547	6,85,743	2,01,732	4,84,011	14,81,480	10,50,536	21.78
45,13,518	...	50,67,495	8,86,997	41,80,498	17,30,575	2,97,137	14,33,438	33,36,920	27,47,060	8.85

V. C. FRENCH,  
Deputy Accountant General, Public Works, Bombay.

## General Abstract of Financial Results of Irrigation

		MAJOR WORKS—PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
		In operation.									Under Construction.	In operation.				
		Desert Canal.	Unharwah.	Begari Canal.	Mah. wsh.	Eastern Nara Works.	Jamroo Canal.	D&D Canal.	Nasrat Canal.	Naulakhi Canal.	Total.	Sukkur Canal.	Ghat Canal.	Suttah Canal.	Alibhar Kachari Canal.	Mark Great Canal.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<i>Capital Outlay.</i>																
During year...	Direct ...	...	9,842	84,008	...	26,702	79,326	6,181	-6,418	...	1,90,561	...	...	284	...	
	Indirect...	...	252	2,190	...	1,867	2,790	347	442	...	7,315	...	...	1,874	...	
Total ...		...	9,894	86,198	...	28,569	82,076	6,498	-5,976	...	2,07,340	...	...	1,858	...	
To end of year...																
During year...	Direct ...	26,22,235	6,90,284	21,38,331	13,21,850	65,45,368	80,13,139	22,64,416	18,04,332	5,112	2,54,06,117	18,64,764	5,41,690	1,73,972	23,207	2,07,436
	Indirect...	79,021	18,849	61,102	67,302	2,28,671	2,31,144	86,179	55,516	33	8,17,840	61,496	30,690	6,028	210	8,310
Total ...		27,01,256	7,09,132	21,99,433	13,79,152	67,77,039	82,44,283	23,30,595	18,59,928	5,145	3,62,25,963	14,26,260	5,72,380	1,80,000	23,917	2,15,746
<i>Gross Revenue.</i>																
During year...	Direct ...	1,01,774	958	43,121	4,558	23,572	20,238	4,944	1,084	...	1,99,959	4,078	16,040	603	630	2,404
	Indirect...	2,44,171	1,96,091	5,10,924	96,524	5,63,304	5,74,156	1,86,788	1,93,747	...	25,65,715	1,76,071	6,06,207	20,237	9,827	65,883
Total ...		3,45,945	1,97,049	5,54,055	1,01,082	5,86,876	5,94,394	1,91,442	1,94,831	...	27,65,674	1,81,049	6,21,247	21,104	9,617	88,287
To end of year...																
During year...	Direct ...	13,74,046	8,223	11,25,394	10,616	11,34,366	5,62,732	13,329	4,081	...	42,32,781	78,714	4,43,708	719	25,667	1,21,703
	Indirect...	46,23,250	23,14,217	1,16,39,022	5,98,241	1,57,16,868	64,98,971	9,93,199	9,03,278	...	4,27,53,844	40,90,935	2,36,29,769	74,432	1,90,431	21,56,556
Total ...		60,07,296	31,32,440	1,27,64,416	6,09,411	1,68,51,234	60,61,706	9,06,528	9,72,356	...	4,09,86,625	41,69,649	2,39,73,476	76,151	2,15,998	22,77,559

Works in Sind for, and to end of, 1909-1910.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.										Expenditure and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
Sur-trawab.	Fuloh Canal.	Hasanali Canal.	Total.	Grand Total.	Shikarpur Canal District.	Western Nara District.	Kandhari Canal District.	Survey and construction District.	Northern Hyderabad Canals District.	Central Hyderabad Canals District.	Fuloh Canal District.	Total.	BEGRI CANAL DISTRICT.	Expenditure.	Receipts.	
														Rs.	Rs.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
		4,200	4,402	2,08,994									<b>EXTENSIONS AND IMPROVEMENTS, MAINTENANCE AND REPAIRS.</b>			
		109	1,688	9,831									Kashmir Bund	43,881		
		4,818	6,176	2,13,528									Khelat Survey	158		
													Extending Kunderwah to feed Gonspur Branch.	6,146		
													Constructing new Gonspur Loop	37,620		
													Do. a compound wall and providing a punkha for the subordinate's quarters at Gonspur.	359		
													Re-constructing the old Tori Bund...	20,080		
													Constructing new Habut Loop from Ghara Ghat to Tori Stop Gate Regulator.	1,01,160		
													Constructing new Bund from Tori Stop Gate to meet the Gonspur Branch.	18,846		
													Extending Channal ex Unharwah, mile 3/7 Right Bank.	238		
													Begri Canal—Maintenance and Repairs.	5,363		
													Establishment	11,488		
													Direction and Executive	43,602		
													Tools and Plant	2,217		
													Suspense Account	1,193		
													Share of collection charges	4,204		
													Direct Receipts	2,330		
													Irrigation share of Land Revenue	47,063		
													Four per cent. on 8/10ths of receipts from sale of occupancy rights on lands.	503		
													<b>Total, Begri Canal District</b>	<b>2,90,861</b>	<b>50,361</b>	
													<b>WESTERN NARA DISTRICT.</b>			
													Raising and strengthening the Abad Bund.	328		
													Constructing a new Public Works Bungalow with outhouses on Pachpur Bund	4,877		
1,18,669	19,13,446	2,81,400	46,24,470	3,00,32,697									Constructing Subordinate Land and store-room at Hasanwah on Abad Bund.	1,823		
													Nara Bund	2,057		
													Extensions and Improvements, Maintenance and Repairs.	24,701		
6,131	71,315	13,445	1,08,015	10,15,891									Constructing a Bund in Batho Forest.	1,788		
													Bunds north of Kotri.	86		
													Maintenance and Repairs.	2,559		
1,24,680	19,84,661	2,94,845	48,22,488	3,10,49,448									Establishment	1,863		
													Accounts.	6,706		
													Executive	99		
													Tools and Plant	276		
													Suspense Account	643		
													Share of collection charges	157		
													Direct Receipts	10,703		
													Irrigation share of Land Revenue	23		
													Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands.			
													<b>Total, Western Nara District</b>	<b>47,127</b>	<b>11,277</b>	
													<b>SURVEY AND CONSTRUCTION DISTRICT.</b>			
													Making a survey for the Right Bank Canal.	5,897		
													Taking observations of the sub-soil water in the area covered by the proposed Indus Right Bank Canal.	178		
													Establishment	804		
													Accounts	43,508		
													Executive	1,837		
3,578	44,601	424	72,856	2,72,516	10,900	32,504	11,974		2,607	12,463	2,911	73,069	Tools and Plant	28		
													Suspense Account			
													<b>Total, Survey and Construction District.</b>	<b>66,934</b>		
													<b>SHEKHAPUR CANALS DISTRICT.</b>			
													Raising and strengthening the existing Left Bank of the Begri Canal.	3,560		
													Constructing Niche Natch Bund	499		
													Constructing a protective Bund along the southern boundary of the Gahri Halim Forest.	1,000		
48,410	5,63,561	37,331	15,70,802	49,36,178	4,90,638	9,63,111	4,63,678		2,18,699	3,32,602	47,746	25,28,367	Constructing Railway diversion Rohri Bund	82,457		
													Demolishing the old sluice and constructing a new one Kasimpur Bund over Karis Arawah.	200		
													Extensions and Improvements, Maintenance and Repairs.	302		
													Bunds in Rohri District.	1,688		
													Kasimpur Bund—Maintenance and Repairs.	3,319		
													Natch Bund—Maintenance and Repairs.	8,116		
													Constructing Tlo Loop	14,500		
80,394	14,28,076	3,609	21,82,338	64,15,166									Maintenance and Repairs.	29,794		
													Sukkur-Begri Bund.	2,329		
													Extensions and Improvements.	20,648		
7,76,036	1,38,38,065	2,06,694	4,43,61,119	8,76,03,763									Raising and strengthening the Sukkur Begri Bund at several miles.	2,38,038		
													Constructing loops on several miles of Sukkur Begri Bund.			
													<b>Carried over</b>	<b>3,98,561</b>		
6,66,432	1,62,66,141	2,09,108	4,70,33,607	9,40,18,982										<b>4,00,912</b>	<b>61,61</b>	

## General Abstract of Financial Results of Irrigation

MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS					
In operation.										Under Con- struction.	In operation.					
Desert Canal.	Unharwah	Begari Canal.	Mahl- wah.	Eastern Sara Works.	Jamrao Canal.	Dad Canal.	Nas- rat Canal.	Naulakhi Canal.	Total.		Sukkur Canal.	Ghar Canal.	Sattah Canal.	Allihar Kachori Canal.	Marak Great Canal.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<i>Working Expenses.</i>																
During year	Direct	1,27,080	89,207	1,10,218	88,808	1,09,168	2,67,288	68,721	64,700	...	9,20,706	68,489	1,90,682	17,486	-2,338	12,110
	Indirect	1,285	236	1,150	-797	5,788	17,070	1,426	1,579	...	28,687	1,801	4,084	168	-69	208
	Total	1,28,975	89,443	1,11,368	88,011	1,14,956	2,84,358	70,147	66,279	...	9,49,393	70,100	1,95,616	17,654	-2,407	12,318
To end of year	Direct	26,13,617	8,58,472	38,61,209	8,47,844	65,92,181	28,04,159	5,97,617	3,57,951	...	1,68,31,700	20,71,874	66,50,128	63,476	1,01,488	7,48,447
	Indirect	57,008	14,282	90,047	-1,229	1,98,608	1,40,440	14,869	3,376	...	5,18,627	68,880	1,69,131	215	3,619	22,628
	Total	26,69,625	8,72,754	38,61,256	8,46,615	67,90,789	27,44,599	6,12,016	3,61,327	...	1,73,50,327	21,30,204	68,19,259	63,691	1,05,078	7,68,072
<i>Net Receipts.</i>																
During year		2,16,970	1,57,606	4,42,687	66,076	8,81,980	2,89,128	1,81,285	1,28,582	...	18,16,242	1,10,940	4,25,781	8,446	11,021	76,969
	To end of year	33,27,771	19,40,686	88,19,190	2,63,104	1,10,06,478	33,17,107	2,94,512	6,06,080	...	2,98,96,898	20,89,446	1,71,56,216	21,466	1,10,910	16,11,688

Works in Sind for, and to end of, 1909-1910—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.										Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
Sur-trowah	Fullell Canal.	Haseau-ah Canal.	Total.	Grand Total.	Shikar-pur Canals District.	Western Nara District.	Karachi Canals District.	Survey and Con-struction District.	Northern Hydr-abad Canals District.	Central Hydr-abad Canals District.	Fullell Canals District.	Total.		Expend-iture.	Re-ceipts.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	
18,412	1,50,566	21,923	4,72,239	13,93,034	1,22,974	1,98,901	2,46,888	...	88,380	86,070	22,607	7,66,701	Brought forward ...	4,00,513	61,629	
271	4,081	895	11,772	40,409	...	...	...	...	...	...	...	...	SHIKARPUR CANALS DISTRICT—contd.			
13,883	1,54,629	22,518	4,84,011	14,33,443	1,22,974	1,98,901	2,46,888	...	88,380	86,070	22,607	7,66,701	Mahiwah ...	88	...	
4,70,622	66,68,689	1,23,393	1,71,91,666	3,40,23,396	...	...	...	...	...	...	...	...	Extensions and Improvements ...	10,067	...	
15,861	2,07,876	3,806	4,60,605	9,97,492	...	...	...	...	...	...	...	...	Maintenance and Repairs ...	10,807	...	
4,95,489	71,76,484	1,27,205	1,76,72,369	3,50,29,887	...	...	...	...	...	...	...	...	Direction and Accounts ...	69,435	...	
29,727	4,13,932	14,613	10,88,491	29,02,739	3,67,662	7,61,310	2,16,884	...	1,80,239	2,46,832	35,139	17,67,069	Tools and Plant ...	3,308	...	
3,60,946	60,79,877	61,808	3,93,61,147	5,69,06,046	...	...	...	...	...	...	...	...	Suspense Account ...	29,339	...	
													Share of collection charges ...	10,885	...	
													Direct Receipts ...	...	2,804	
													Irrigation share of Land Revenue ...	...	1,83,119	
													Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands.	...	1,033	
													Total, Shikarpur Canals District ...	4,76,631	1,37,693	
													GHAR CANALS DISTRICT.			
													Ghar Bunds ...	3,679	...	
													Extensions and Improvements ...	904	...	
													Sukkur Canal—Maintenance and Repairs ...	4,021	...	
													Ghar Canal—	4,185	...	
													Direction and Accounts ...	692	...	
													Executive ...	3,251	...	
													Tools and Plant ...	124	...	
													Suspense Account ...	745	...	
													Share of collection charges ...	22,300	...	
													Direct Receipts ...	...	309	
													Irrigation share of Land Revenue ...	...	2,24,716	
													Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands.	...	37	
													Total, Ghar Canals District ...	43,821	2,29,054	
													KARACHI CANALS DISTRICT.			
													Bunds Right Bank ...	2,155	...	
													Extensions and Im-provements ...	2,115	...	
													Maintenance and Repairs ...	3,784	...	
													Constructing a new inspection chowkey and outhouses at Savalpur ...	3,669	...	
													Strengthening the old Panah Bund at Kathlan ...	6,904	...	
													Panah Baghar Bund—Maintenance and Repairs ...	2,061	...	
													Baghar Uchito Bund ...	32,005	...	
													Extensions and Im-provements ...	3,840	...	
													Sanda Hlaya Bund—Maintenance and Repairs ...	1,998	...	
													Constructing an embankment for the purpose of confining flood water within Huddarni and Panah Forest ...	2,595	...	
													Bunds, Left Bank ...	914	...	
													Extensions and Im-provement ...	1,828	...	
													Maintenance and Repairs ...	8,993	...	
													Khanto Embankment—Maintenance of ...	82,627	...	
													Kokawari Bund—do ...	3,807	...	
													Kokawari Bund—Constructing a loop on the ...	1,12,997	...	
													Mulohand Shahbunder Bunds—Ex-tensions and Improvements ...	1,700	...	
													Mulohand Shahbunder Bunds—Maintenance and Repairs ...	1,000	...	
													Constructing a Loop bund for the proposed new Head Regulator of Mirwah Nawab ...	1,964	...	
													Constructing a Loop bund for the proposed new Head Regulator of Mahomdawal ...	4,267	...	
													Batlah Canal—Extensions and Im-provements ...	11,500	...	
													Do. Maintenance and Repairs ...	43,076	...	
													Do. Direction and Accounts ...	8,368	...	
													Executive ...	3,542	...	
													Tools and Plant ...	2,85,574	...	
													Suspense Accounts ...	9,20,765	1,24,343	
													Carried over ...			



## General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS				
	In operation.									Total.	In operation.				
	Desert Canal.	Unharwad	Begri Canal.	Mah-wah.	Eastern Nara Works.	Jamro Canal.	Dad Canal.	Nas-rat Canal.	Naulakhi Canal.		Sukur Canal.	Obdr Canal.	Sattah Canal.	Alibhar Kachri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<i>Simple Interest.</i>															
During year	68,054	23,018	70,395	44,388	2,19,444	2,67,740	75,938	60,689	172	8,40,855	...	...	...	...	...
To end of year	19,46,527	5,06,126	23,04,681	3,60,883	68,37,456	65,72,336	8,15,326	4,78,894	1,213	1,84,13,445	...	...	...	...	...
<i>Net Profit after paying of Interest.</i>															
During year	1,38,916	1,34,568	3,72,292	23,688	1,62,466	21,377	65,359	67,553	-172	9,66,387	...	...	...	...	...

Works in Sind for, and to end of, 1909-1910—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.									Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.			
Surf-drainage.	Fuleli Canal.	Hassan-all Canal.	Total.	Grand Total.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Survey and Construction District.	Northern Hyderabad Canals District.	Central Hyderabad Canals District.	Fuleli Canals District.	Total.		Expenditure.	Receipts.	
																Rs.
														Brought forward ...	8,24,348	
														3,85,574	...	
														<b>KARACHI CANALS DISTRICT—continued.</b>		
														Mathematical Instrument Depot—Tools and Plant ...	33,958	...
														Share of collection charges ...	2,330	...
														Direct Receipts ...	...	1,994
														Irrigation share of Land Revenue ...	...	35,609
														Four per cent. on 9/10ths on receipts from sale of occupancy rights on land.	...	393
														<b>Total, Karachi Canals District ...</b>	<b>3,20,863</b>	<b>37,836</b>
														<b>INDUS RIVER COMMISSION DISTRICT.</b>		
														Carrying out borings for the proposed barrage at Sukkur ...	1,734	...
														Making survey on the Indus ...	24,265	...
														Maintaining Steamers, gauges, and Snagging Indus ...	23,311	...
														Store room at Sukkur ...	76	...
														Beacons at Seer Kajur, Mull and Hajanrao mouths ...	17	...
														Repairs and re-erections of beacons along the Indus ...	67	...
														Excavating a trench in wet earth in front of the Kotri Gauge ...	86	...
														Assistant Engineer's Office at Kotri ...	123	...
														Bukkur Din. Bello and outfall gauges ...	185	...
														Maintaining a central passage clear of forest ...	132	...
														Establishment ...	1,201	...
														Tools and Plant ...	60,305	...
														Suspense Account ...	5,120	...
														Direct Receipts ...	-472	...
														<b>Total, Indus River Commission District ...</b>	<b>1,45,131</b>	<b>104</b>
														<b>NORTHERN HYDERABAD CANALS DISTRICT.</b>		
														Constructing a bund between Nasrat and Naulaki Canals ...	6,999	...
														Naulakhi Bhorli Extensions and Improvements ...	451	...
														Bund. Maintenance and Repairs ...	2,890	...
														Canal Chowki at Dawlutpur—Maintenance of the ...	387	...
														Indus survey marks—Maintenance of the ...	5	...
														Experimenting on the cultivation of Berain in the shom garden ...	17	...
														Survey of the Rohri Hyderabad Canal Project ...	3,021	...
														Dad Canal ...	4,808	...
														Improvements. Maintenance and Repairs ...	23,211	...
														Extensions and Improvements ...	106	...
														Nasrat Canal ...	10,709	...
														Maintenance and Repairs ...	2,644	...
														Establishment ...	50,026	...
														Tools and Plant ...	701	...
														Suspense Account ...	2,193	...
														Share of collection charges ...	13,116	...
														Direct receipts after deducting refunds of revenue ...	...	3,772
														Irrigation share of Land Revenue ...	...	1,62,225
														Four per cent. on 9/10ths of receipts from sale of occupancy rights in lands.	...	908
														<b>Total, Northern Hyderabad Canals District ...</b>	<b>1,30,174</b>	<b>1,59,913</b>
														<b>CENTRAL HYDERABAD CANALS DISTRICT.</b>		
														Reinwah Loop—Maintenance and Repairs ...	698	...
														Allibar Kacheri Canal—Maintenance and Repairs ...	5,988	...
														Marak Great Canal do. do. ...	13,037	...
														Sarfrawah do. do. ...	4,857	...
														Establishment ...	956	...
														Executive ...	4,801	...
														Tools and Plant ...	10	...
														Suspense Account ...	-44	...
														Cost of collection charges ...	9,575	...
														Direct Receipts ...	...	497
														Irrigation share of Land Revenue ...	...	95,748
														Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands.	...	...
														<b>Total, Central Hyderabad Canals District ...</b>	<b>40,616</b>	<b>96,149</b>
														<b>Carried over ...</b>	<b>15,57,54</b>	<b>1,16,864</b>

## General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS					
	In operation.									Under Con- struction.	Total.	In operation.				
	Desert Canal.	Unharwah	Begari Canal.	Mahl- wah.	Eastern Nara Works.	Jamro Canal.	Dad Canal.	Nas- rat Canal.	Naulakhi Canal.	Sukkur Canal.		Ghar Canal.	Sattah Canal.	Alibhar Kacheri Canal.	Mank Groat Canal.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
<i>Net profit after paying of interest—continued.</i>																
To end of year	13,81,244	14,42,560	64,18,569	-27,779	27,28,022	-2,55,232	-5,20,814	1,27,156	-1,213	1,12,23,463	...	...	...	...	...	

## Works in Sind for, and to end of, 1909-1910—concluded.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.										Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.	
Surfrashah.	Fuleli Canal.	Hasan-all Canal.	Total.	Grand Total.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Survey and Construction District.	Northern Hyderabad Canals District.	Central Hyderabad Canals District.	Fuleli Canals District.	Total.	Expenditure.	Receipts.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
													Brought over ...	15,87,448	7,15,861
													<b>FULELI CANALS DISTRICT.</b>		
													Extending Jamsharo Bund to Sopki Main.	9,108	...
													Constructing Sang Dadko Loop ...	69,994	...
													Closing branches on the Sang Bund.	2,181	...
													Maintenance of Hajipur, Sang, Budka Taker and Dadko Bunds including Kafan loop.	15,409	...
													Constructing Loop to Gida Bander Bund.	5,501	...
													Kafan Loop to Hajipur Bund ...	8,171	...
													River Bunds ...	17,956	...
													Needles in sluices of Hajipur and Budka Bunds.	894	...
													Ghailan Bund ...	470	...
													Jamsharo Bund ...	1,969	...
													Sluices in Sang Bund ...	874	...
													Gida Bander Bund ...	1,389	...
													Fuleli Canal ...	78,842	...
													Establishment, Direction and Accounts.	10,243	...
													Executive ...	34,866	...
													Hasan-all Canal, Extensions and Improvements, Maintenance and Repairs.	817	...
													Tools and Plant ...	1,633	...
													Supersession Account ...	815	...
													Share of collection charges ...	24,872	...
													Direct Receipts ...	...	301
													Irrigation share of Land Revenue ...	...	2,60,230
													Four per cent. on 9/10ths of receipts from sale of occupancy rights on lands.	...	23
													Total, Fuleli Canals District ...	2,90,429	2,50,478
													<b>JAMSHARO CANAL DISTRICT</b>		
													Direct Receipts ...	...	1
													<b>EASTERN NARA DISTRICT.</b>		
													Share of collection charges ...	344	...
													Direct Receipts ...	...	3
													Irrigation share of Land Revenue ...	...	3,444
													Total, Eastern Nara District ...	344	3,443
													Grand Total ...	16,83,216	9,69,464

V. C. FRENCH,  
Deputy Accountant General, Public Works, Bombay.

## STATEMENT

## Statement of Area irrigated by Irrigation Works

Name of Canal.	AREA IRRIGATED IN ACRES.			NET AREA IRRIGATED AFTER DEDUCTING AREA IN WHICH REMISSIONS WERE GRANTED.			NUMBER OF DAYS THE CANAL WAS IN FLOW.			
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9		
<b>MAJOR WORKS.</b>										
<b>PRODUCTIVE WORKS.</b>										
<i>Indus Right</i>										
Shikarpur Canals District.	Mahiwah ... ..	46,898	88,188	85,031	46,684	38,034	84,668	118		
Pegari Canals District.	Desert Canal ... ..	124,020	57,471	181,491	110,958	50,565	161,523	145		
	Unharwah ... ..	58,143	31,386	84,529	52,140	30,490	82,630	166		
	Begari Canal ... ..	170,909	111,685	282,544	170,981	110,319	280,700	192		
<b>MINOR WORKS.</b>										
<b>WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.</b>										
Ghar Canals District.	Sakkur Canal ... ..	74,301	57,506	131,807	74,232	55,692	129,924	108	122	
	Ghar Canal ... ..	206,795	134,047	340,842	199,895	129,014	328,909	135		
Karachi Canals District.	Satta Canal ... ..	15,471	1,293	16,764	15,270	1,133	16,403	129		
<b>WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.</b>										
Shikarpur District.	Canals	Canals in Rohri ... ..	35,567	29,388	64,955	35,386	29,323	64,709	104	
		Sind Canal ... ..	53,371	28,351	81,722	52,069	28,324	80,393	119	
		Rajib Canal ... ..	6,117	4,410	10,527	6,089	4,410	10,499	105	
		Chitti Canal ... ..	5,954	6,339	12,293	5,934	6,339	12,273	94	
		Garang Canal ... ..	2,416	3,326	5,742	2,416	3,326	5,742	98	
Western Nara District.	Canals	Western Nara ... ..	198,740	128,995	322,735	190,393	118,539	308,932	138	
		New Feeder to Western Nara ... ..								
		Pritchard Canal ... ..	2,918	2,001	5,004	2,808	2,085	4,893	124	
		Marvi ... ..	7,760	2,121	9,881	7,737	2,102	9,839	130	
		Dadu Canal ... ..	4,827	822	5,649	4,813	755	5,568	96	
		Chario Wahnur (Aral) ... ..	7,355	14,662	22,017	6,465	13,662	20,027	99	
		Canals North of Kotri ... ..	8,810	5,175	13,985	8,405	5,004	13,409	121	
Karachi Canals District.	Canals	Wahurwah ... ..	904	1,819	2,723	805	1,795	2,600	107	
		Kalri ... ..	16,086	3,572	19,608	15,940	3,364	19,304	148	
		Pinyari ... ..	80,628	6,986	87,614	78,048	6,539	84,587	292	
	Baghar ... ..	29,740	10,620	40,360	28,550	9,970	37,620	852		
<b>MAJOR WORKS.</b>										
<b>PRODUCTIVE WORKS.</b>										
<i>Indus Left</i>										
Jamrao Canal District.	Jamrao Canal ... ..	133,713	46,224	179,937	129,741	45,574	175,315	188	175	
Northern Hyderabad Canals District.	Dad Canal ... ..	91,071	22,886	113,957	90,543	22,721	113,264	108		
	Nasrat Canal ... ..	71,901	15,481	87,382	70,417	13,477	83,894	111		
Eastern Nara District.	Canals	Mithrao Canal ... ..	82,931	20,412	103,343	78,229	20,087	98,266	152	120
		Thar Canal ... ..	46,192	3,886	50,078	45,317	3,348	48,165	183	
		Hiral Canal ... ..	12,500	3,045	15,545	12,448	3,045	15,493	153	161
		Khipra Canal ... ..	4,979	1,257	6,236	4,379	1,257	5,636	138	
<b>MINOR WORKS.</b>										
<b>WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.</b>										
Central Hyderabad Canals District.	Canals	Alibhar Kacheri ... ..	11,768	285	12,053	11,768	285	12,053	114	
		Marak ... ..	56,770	3,311	60,081	56,687	3,311	59,998	115	
		Sarraz ... ..	32,665	1,205	33,870	32,665	1,205	33,870	117	
		Fuleli ... ..	321,738	49,105	370,843	318,972	48,799	367,771	183	162
	Hassanali ... ..	17,440	345	17,785	17,259	345	17,604	130		
<b>WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.</b>										
Northern Hyderabad Canals District.	Mohrab ... ..	12,391	895	12,786	12,360	395	12,755	99		
	Nanakhli ... ..	43,399	5,601	49,000	43,899	5,586	48,985	113		
	Dambro ... ..	12,787	2,477	15,264	12,787	2,477	15,264	98		

I-E.

in Sind during the year 1909-1910.

AVERAGE DISCHARGE IN CUBIC FEET PER SECOND.				AREA IRRIGATED PER CUBIC FOOT PER SECOND.				Δ=DEPTH OF WATER USED OF AREA IRRIGATED.		Remarks.
At Head.		Utilized.		At Head.		Utilized.		Kharif.	Babi.	
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.			
10	11	12	13	14	15	16	17	18	19	
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
<i>Bank Division.</i>										
1,812		1,812		47		47		5.0		
2,873		2,873		56		56		5.2		
1,449		1,449		57		57		5.8		
2,628		2,628		107		107		3.6		
2,025	282	2,025	282	36	197	36	197	5.7	1.2	
4,273		4,273		77		77		3.5		
646		646		25		25		10.3		
1,670		1,670		39		39		5.3		
1,330		1,330		60		60		4.0		
323		323		33		32		6.6		
296		296		41		41		4.6		
96		96		60		60		3.4		
5,287		5,226		58		59		4.5		
138		138		35		35		7.1		
209		209		47		47		5.5		
99		99		56		56		3.4		
+61		+61								
2,030		2,030		14		14		14.1		
-662		-662								
621		621		22		22		11		
138		138		19		19		11.3		
783		783		25		25		11.9		
3,270		3,270		26		26		18.0		
5,521		5,521		7		7		100.5		
<i>Bank Division.</i>										
2,173	1,811	2,170	1,811	60	25	60	25	6.1	14.0*	
3,844		3,844		29		29		7.4		
1,591		1,591		53		53		4.2		
1,984	355	1,984	355	40	56	40	56	7.6	4.3	
1,349		1,349		38		38		10.2		
132	107	132	107	94	28	94	28	3.3	10.8	
87		87		65		65		4.2		
386		386		33		33		6.9		
1,167		1,167		51		51		4.5		
816		816		42		42		5.6		
7,165	1,729	6,588	1,089	45	28	43	45	7.5	7.2	
680		680		27		27		9.3		
200		200		64		64		3.1		
1,835		1,835		27		27		8.4		
323		323		47		47		4.2		

The high Δ is due to the fact that the average discharge have been calculated for a much longer period than four months of the abkalan as the canals were still flowing. The high Δ is due to a large quantity of water running to waste into the sea.

\*The high rabi Δ is partly due to 74,828 acres of cotton, a kharif crop being watered for a few months in the rabi season.

§The duty of water on Hassanali works out to 27 acres per cubic foot, but it would be about 30 or 31 if the wastage on the canal on dhunds and depressions be deducted from the actual discharges. As this is not known no deductions have been made. It may approximately be 60 to 100 cusecs.

## STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind during the year 1909-1910.

Name of Canals.	Average discharge of the year at Canal Head in Cubic feet per Second.	WATER-RATE ASSESSED, DURING 1909-1910.					Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Acres Irrigated during the year 1909-1910.	WORKING EXPENSES.			80 PER CENT. OF NET CONSOLIDATED ASSESSMENT.		TOTAL WATER-RATE DIRECT AND INDIRECT.	
		Occupier's.	Owner's.	Total, Direct.	Indirect.	Total, Direct and Indirect.				Per cent. on Gross Revenue.	Per Acre Irrigated.	Per Cubic foot per Second of discharge at Canal Head.	Per Acre Irrigated.	Per Cubic foot per Second of discharge at Canal Head.	Per Acre Irrigated.	Per Cubic foot per Second of discharge at Canal Head.
1	2	3	4	5	6	7	8	9	10*	11	12	13	14	15	16	17
<b>MAJOR WORKS.</b>																
<b>Productive Works.</b>																
Shikarpur District. Canals Mahiwah ...	1,813	1,044	...	1,044	2,06,290	2,07,334	2,12,150	54,288	78,200	25'00	'60	30'00	2'89	111'32	3'65	114'42
Begari Canals District. { Desert Canal ...	2,872	81,753	...	91,753	2,34,311	3,28,084	3,37,588	1,28,975	177,508	89'37	'73	44'00	1'95	80'97	1'34	114'01
Unbarwah Canal ...	1,449	247	...	247	1,63,764	1,84,001	1,84,063	30,443	70,443	21'36	'50	27'21	2'28	124'02	2'32	127'37
Begari Canal ...	2,628	32,119	...	32,119	5,34,634	5,66,663	5,69,404	1,20,127	230,762	21'10	'52	48'71	2'79	200'18	2'45	215'02
Jámrao Canal District. Jámrao Canal ...	1,996	1,447	...	1,447	5,27,384	5,28,831	5,47,824	8,05,268	174,105	55'72	1'75	152'94	2'88	244'99	3'04	284'95
Northern Hyderabad Canals District. { Dad Canal ...	3,844	2,847	...	2,847	2,01,717	2,64,584	2,68,432	1,05,356	107,821	39'26	'99	27'41	3'67	66'51	2'45	68'63
Nasrat Canal ...	1,691	138	...	138	2,61,782	2,61,920	2,64,046	86,067	84,085	32'00	'02	54'11	3'03	169'33	3'11	164'63
stern Nára District. { Mithrao Canal ...	1,254	509	...	509	2,86,535	2,87,044	2,90,459	84,601	100,200	29'16	'84	67'46	2'89	228'23	2'68	228'90
Thar Canal ...	1,349	1,502	...	1,502	1,43,667	1,45,169	1,45,910	25,949	48,692	17'43	'63	19'24	3'13	106'30	2'99	107'61
Eastern Nára ...	...	684	...	684	79,469	80,163	82,456	78,081	49,027	84'43	'69	...	1'68	...	1'63	...
Hiral Canal ...	129	...	...	...	43,601	43,601	44,333	16,659	16,829	37'59	'09	188'82	2'76	351'57	2'84	353'34
<b>Total, Major Works ...</b>	<b>...</b>	<b>1,32,220</b>	<b>...</b>	<b>1,32,220</b>	<b>27,63,044</b>	<b>28,95,334</b>	<b>29,60,272</b>	<b>10,44,832</b>	<b>1,144,952</b>	<b>36'41</b>	<b>'91</b>	<b>...</b>	<b>2'61</b>	<b>...</b>	<b>2'63</b>	<b>...</b>
<b>MINOR WORKS.</b>																
<b>Works for which Capital and Revenue Accounts are kept.</b>																
Ghar Canals District. { Sukkur Canal ...	2,307	1,601	...	1,601	2,60,027	2,61,628	2,64,323	88,462	89,970	31'56	'93	38'18	3'00	112'37	2'50	118'41
Ghar Canal ...	4,273	1,276	...	1,276	7,41,710	7,42,998	7,53,623	2,14,357	230,333	28'46	'93	50'18	3'33	171'83	3'22	178'69
Karsahi Canals District. Satta Canal ...	648	68	...	68	38,359	38,456	39,240	26,872	16,402	69'46	'64	41'00	2'33	68'70	2'34	69'63
Central Hyderabad Canals District. { Alibhar Kachheri ...	368	422	...	422	26,115	26,537	27,798	6,829	12,017	22'03	'67	13'74	2'64	66'08	2'21	72'61
Máraz ...	1,167	2,355	...	2,355	1,42,636	1,44,990	1,45,444	35,723	59,820	24'66	'90	30'61	2'61	119'64	2'42	124'24
Sáraz ...	818	2,077	...	2,077	56,628	56,605	59,312	21,604	38,771	38'26	'64	26'35	2'01	67'69	1'74	71'62
Fuleli Canals District. { Fuleli Canal ...	4,612	29,484	...	29,484	7,41,374	7,70,853	7,83,580	2,70,990	368,464	34'68	'54	57'78	2'29	169'27	2'10	167'14
Hasanali Canal ...	650	468	...	468	43,686	44,164	45,085	25,976	17,760	57'64	'46	39'36	2'68	65'61	2'40	66'90
<b>Total, Minor Works ...</b>	<b>...</b>	<b>87,789</b>	<b>...</b>	<b>87,739</b>	<b>20,50,474</b>	<b>20,88,213</b>	<b>21,17,223</b>	<b>6,85,743</b>	<b>628,527</b>	<b>32'30</b>	<b>'83</b>	<b>...</b>	<b>2'79</b>	<b>...</b>	<b>2'63</b>	<b>...</b>
<b>Grand Total ...</b>	<b>...</b>	<b>1,70,029</b>	<b>...</b>	<b>1,70,029</b>	<b>46,13,618</b>	<b>46,88,547</b>	<b>50,67,495</b>	<b>17,30,676</b>	<b>1,971,479</b>	<b>34'16</b>	<b>'88</b>	<b>...</b>	<b>2'68</b>	<b>...</b>	<b>2'63</b>	<b>...</b>

\* Note.—The figures of area given in this column are exclusive of Dubari cultivation.

## STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1909-1910.

Description of Crops.	BEGARI CANALS DISTRICT.									
	Desert Canal.			Unharwah.			Begari Canal.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	2	3	4	5	6	7	8	9	10	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif ...	Rice ...	12,710	3,02,955	24	5,593	98,559	18	62,854	16,22,079	26
	Jowari ...	71,147	25,10,693	35	19,966	6,57,145	33	77,459	22,23,454	29
	Bajri ...	22,606	5,77,677	25	20,398	6,80,063	33	18,005	5,95,266	33
	Cotton ...	53	4,164	78	23	1,855	80	18	884	49
	Other crops ...	17,504	3,82,055	22	6,663	1,51,732	23	12,573	3,40,257	27
Total ...	124,020	37,77,544	30	53,143	15,89,354	30	170,909	47,81,940	28	
Rabi ...	Wheat ...	13,606	5,57,439	41	10,494	4,25,871	41	12,016	4,93,293	41
	Barley ...	10	207	21	11	239	22	56	1,315	20
	Oil-seeds ...	16,017	4,02,015	25	3,418	79,870	23	15,627	3,97,564	26
	Other crops ...	27,838	9,38,945	36	17,463	4,90,742	28	83,956	14,47,791	17
	Total ...	57,471	18,98,606	33	31,386	9,96,722	32	111,635	23,89,963	21
Total under both Heads ...	*181,491	56,76,150	31	84,529	25,86,076	31	†282,544	71,21,903	25	

\* Excludes Kharabo and uncultivated areas assessed by the Political Agent, Sibi, as under:—

	Kharif.	Rabi.	Total.
Acres ...	2,939	3,913	6,907

† Excludes Kharabo and uncultivated areas assessed by the Political Agent, Sibi, as under:—

	Kharif.	Rabi.	Total.
Acres ...	1,914	787	2,701

Description of Crops.	BEGARI CANALS DISTRICT—concluded.						SHIKARPUR CANALS DISTRICT.			
	Kashmor Bund.			Total.			Mahiwh.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	11	12	13	14	15	16	17	18	19	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif ...	Rice ...	150	2,779	18	81,307	20,26,372	25	9,476	1,93,313	20
	Jowari ...	540	13,251	25	169,112	54,04,543	32	27,417	5,02,240	18
	Bajri ...	1,414	34,153	24	62,923	18,37,159	30	9,244	1,74,423	19
	Cotton ...	156	12,500	80	250	19,403	78	39	1,134	29
	Other crops ...	1,343	26,376	20	38,083	9,00,420	24	717	21,637	30
Total ...	3,608	89,059	25	351,675	1,02,37,897	29	46,893	8,92,747	19	
Rabi ...	Wheat ...	2,730	84,516	31	38,346	15,61,119	40	25,969	6,43,693	25
	Barley ...	35	727	21	112	2,488	22	161	2,520	16
	Oil-seeds ...	484	8,418	17	35,546	8,87,867	25	4,003	72,003	18
	Other crops ...	183	2,641	14	129,420	28,80,119	22	8,005	1,11,944	14
	Total ...	3,432	96,302	28	203,924	53,31,593	26	38,138	8,30,160	22
Total under both Heads ...	7,085	1,85,361	26	555,599	1,55,69,490	28	85,031	17,22,907	20	



## STATEMENT III-E—continued.

Description of Crops.		SHIKÁRPUK CANALS DISTRICT—continued.								
		Canals in Rohri.			Sind Canal.			Rajib Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	20	21	22	23	24	25	26	27	28	
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	13,213	2,16,817	16	25,712	8,33,181	32	4,521	1,35,630	30
	{ Jowári ...	17,943	2,35,460	13	21,615	4,70,714	22	1,422	35,550	25
	{ Bájri ...	1,711	18,115	11	2,055	38,012	18	7	140	20
	{ Cotton ...	331	3,832	12	18	362	20	...	...	...
	{ Other crops ...	2,369	60,871	26	3,971	1,29,929	33	167	7,278	44
	Total ...	35,567	5,35,095	15	53,371	14,72,198	28	6,117	1,78,598	29
Rabi	{ Wheat ...	22,929	4,84,435	21	8,724	2,87,937	33	1,651	49,530	30
	{ Barley ...	158	2,002	13	28	578	21	4	100	25
	{ Oil-seeds ...	1,856	22,067	12	3,415	76,560	23	144	2,860	20
	{ Other crops ...	4,445	50,946	12	16,184	2,75,567	17	2,611	45,597	17
		Total ...	29,388	5,59,450	19	28,351	6,40,642	23	4,410	98,087
	Total under both Heads ...	64,955	10,94,545	17	81,722	21,12,840	26	10,527	2,76,685	26

Description of Crops.		SHIKÁRPUK CANALS DISTRICT—continued.								
		Chitti Canal.			Garang Canal.			Sukkur-Begári Bund.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	29	30	31	32	33	34	35	36	37	
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	2,977	89,310	30	671	20,130	30	1,784	53,520	30
	{ Jowári ...	2,235	55,875	25	1,340	33,500	25	1,539	35,705	23
	{ Bájri ...	53	1,060	20	62	1,240	20	248	3,760	15
	{ Cotton ...	1	10	10	...	...	...	12	180	11
	{ Other crops ...	688	25,499	37	343	10,015	29	208	5,443	26
	Total ...	5,954	1,71,754	29	2,416	64,885	27	3,791	98,558	26
Rabi	{ Wheat ...	2,453	73,590	30	2,236	67,080	30	3,703	1,16,305	31
	{ Barley ...	5	125	25	...	...	...	7	147	21
	{ Oil-seeds ...	1,949	38,980	20	390	7,800	20	574	11,480	20
	{ Other crops ...	1,932	49,518	26	700	19,539	28	1,760	33,014	19
		Total ...	6,339	1,62,213	26	3,326	94,419	28	6,044	1,60,946
	Total under both Heads ...	12,293	3,33,967	27	5,742	1,59,304	28	9,835	2,59,504	26

## STATEMENT III-E—continued.

Description of Crops.	SHIKARPUR CANALS DISTRICT—concluded.						GHAR CANALS DISTRICT.			
	Kásimpur Bund.			Total.			Sukkur Canal.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	38	39	40	41	42	43	44	45	46	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif	Rice ...	...	...	58,954	15,41,901	26	54,534	13,28,704	24	
	Jowári ...	342	5,130	15	73,853	13,74,174	19	15,559	4,02,582	26
	Bájri ...	2	30	15	13,382	2,36,780	18	441	7,680	17
	Cotton ...	1	15	15	402	5,468	14	4	100	25
	Other crops ...	13	396	22	8,481	2,61,068	31	3,763	1,87,118	50
Total	...	363	5,571	16	154,472	34,19,406	22	74,301	19,26,184	26
Rabi	Wheat ...	568	8,372	15	68,233	17,30,942	25	17,470	3,89,349	22
	Barley ...	4	48	12	367	5,520	15	9	162	18
	Oil-seeds ...	29	412	14	12,360	2,32,162	19	6,634	1,20,716	18
	Other crops ...	174	2,110	12	55,811	5,88,235	16	83,393	3,55,388	10
Total	...	775	10,942	14	116,771	25,56,859	22	67,506	8,65,615	15
Total under both Heads	...	1,138	16,513	15	271,243	59,76,265	22	131,807	27,91,799	21

Description of Crops.	GHAR CANALS DISTRICT—concluded.									
	Ghar Canal.			Ghar Bunds.			Total.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	47	48	49	50	51	52	53	54	55	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif	Rice ...	178,730	46,81,788	26	401	9,582	24	233,665	60,20,074	26
	Jowári ...	23,910	3,59,429	15	357	10,350	29	39,826	7,72,351	19
	Bájri ...	1,096	11,144	10	2	50	25	1,539	18,874	12
	Cotton ...	7	290	42	1	25	25	12	415	35
	Other crops ...	3,052	1,10,978	36	88	3,670	42	6,303	3,01,766	44
Total	...	206,795	51,63,629	25	849	23,677	28	281,945	71,13,490	25
Rabi	Wheat ...	24,301	5,67,341	23	420	11,820	23	42,191	9,68,510	23
	Barley ...	58	547	9	...	...	...	67	709	10
	Oil-seeds ...	24,465	4,95,048	20	64	1,086	17	31,163	6,16,850	20
	Other crops ...	85,223	6,01,037	7	157	4,673	30	118,773	9,61,038	8
Total	...	134,047	16,63,973	12	641	17,579	27	192,194	25,47,167	13
Total under both Heads	...	340,842	68,27,602	20	1,490	41,256	28	474,139	96,60,657	20

## STATEMENT III-E—continued.

Description of Crops.	WESTERN NÁRA DISTRICT.			KARÁCHI CANALS DISTRICT.			INDUS RIGHT BANK DIVISION.			
	Canals and Bunds.			Canals and Bunds.			Total.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	56	57	58	59	60	61	62	63	64	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif ... {	Rice ...	163,193	49,73,795	30	166,604	18,67,850	10	723,123	1,64,29,992	23
	Jowári ...	51,118	9,37,483	18	1,025	4,668	5	334,934	84,93,229	25
	Bájrí ...	14,965	3,17,503	21	26,436	2,21,550	8	119,245	26,81,866	22
	Cotton ...	176	3,180	15	2	19	9	842	28,500	34
	Other crops ...	4,063	1,40,768	85	5,704	27,609	5	63,234	16,31,631	26
	Total ...	233,515	63,72,729	27	219,771	21,21,696	10	1,241,378	2,92,65,218	24
Rabi ... {	Wheat ...	42,718	9,92,429	24	169	1,774	10	192,155	52,54,774	27
	Barley ...	1,252	24,883	20	12,789	94,363	7	14,587	1,27,963	9
	Oil-seeds ...	37,214	5,46,203	15	7,899	24,493	3	124,132	23,07,575	19
	Other crops ...	70,702	8,49,511	12	15,669	68,552	4	370,375	53,47,515	14
	Total ...	151,884	24,13,026	16	36,526	1,89,182	3	701,299	1,30,37,827	19
Total under both Heads ...		385,399	87,85,755	23	256,297	23,10,378	9	1,942,677	4,23,03,045	22

Description of Crops.	JÁMRÁO CANAL DISTRICT.			EASTERN NÁRA DISTRICT.					
	Jámráo Canal.			Nára Supply Channel.			Eastern Nára.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	65	66	67	68	69	70	71	72	73
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... {	Rice ...	968	26,397	27	...	...	4,092	85,880	21
	Jowári ...	3,197	26,943	8	175	2,625	15	27	344
	Bájrí ...	48,232	5,27,710	11	33	495	15	10,607	1,81,056
	Cotton ...	74,828	35,81,845	48	29	435	15	7,541	4,42,803
	Other crops ...	6,488	68,167	14	59	1,620	27	243	3,515
	Total ...	133,713	42,51,062	32	296	5,175	17	22,510	7,13,598
Rabi ... {	Wheat ...	32,452	7,39,197	23	3,954	94,896	24	7,770	1,88,321
	Barley ...	250	1,826	7	1	12	12	176	2,107
	Oil-seeds ...	5,498	54,608	10	369	4,564	12	4,149	31,950
	Other crops ...	8,024	89,959	11	852	8,352	10	3,206	36,121
	Total ...	46,224	8,85,590	19	5,176	1,07,824	21	15,301	2,58,499
Total under both Heads...		179,937	51,36,652	29	5,472	1,12,999	21	37,811	9,72,097

## STATEMENT III-E—continued.

Description of Crops.		EASTERN NARA DISTRICT—continued.								
		Mithrao Canal.			Thar Canal.			Khipra Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	74	75	76	77	78	79	80	81	82	
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	66,597	14,69,183	22	42,298	10,81,023	24	...	...	...
	Jowári ...	141	1,876	13	24	281	12	1	9	9
	Bájrí ...	9,787	1,49,026	15	1,398	28,448	20	1,809	30,380	17
	Cotton ...	5,908	3,62,757	61	1,945	68,072	35	2,514	1,50,862	60
	Other crops... 498	18,472	37	527	12,365	23	55	274	5	
Total ...	82,931	20,01,294	24	46,192	11,40,189	25	4,379	1,81,525	41	
Rabi	Wheat ...	16,150	3,89,789	24	1,289	27,779	22	468	10,771	23
	Barley ...	118	1,063	9	1	8	8	1	16	16
	Oil-seeds ...	786	6,263	8	669	4,011	6	772	6,170	8
	Other crops... 3,358	38,872	12	1,927	22,965	12	16	762	48	
	Total ...	20,412	4,85,987	21	3,886	54,763	14	1,257	17,719	14
Total under both Heads ...	103,343	24,87,281	24	50,078	11,94,952	24	5,636	1,99,244	35	

Description of Crops.		EASTERN NARA DISTRICT—concluded.								
		Heran Canal.			Hiral Canal.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	88	84	85	86	87	88	89	90	91	
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	16	295	18	...	217	13	113,003	25,86,361	23
	Jowári ...	...	...	...	17	385	14	385	5,852	14
	Bájrí ...	636	8,611	14	10,000	1,67,920	17	34,270	5,65,936	17
	Cotton ...	153	9,671	63	2,453	1,45,816	59	20,543	11,80,416	57
	Other crops... 13	753	58	330	12,546	38	1,725	49,545	29	
Total ...	818	19,330	24	12,800	3,26,499	26	1,69,926	43,87,610	26	
Rabi	Wheat ...	137	3,545	26	2,800	52,877	23	32,068	7,67,978	24
	Barley ...	...	...	...	9	79	9	306	8,285	11
	Oil-seeds ...	289	2,265	8	549	4,403	8	7,583	59,626	8
	Other crops... 18	1,247	69	187	6,607	35	9,564	1,14,926	12	
	Total ...	444	7,057	16	3,045	63,968	21	49,521	9,45,815	19
Total under both Heads ...	1,262	26,387	21	15,845	3,90,465	25	219,447	53,33,425	24	

## STATEMENT III-E—continued.

Description of Crops.	NORTHERN HYDERABAD CANALS DISTRICT.									
	Dad Canal.			Nasrat Canal.			Other Canals.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	92	93	94	95	96	97	98	99	100	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
<b>Kharif</b>	Rice .....	10,972	2,62,573	23	427	6,865	16	3,691	55,710	15
	Jowári .....	24,462	6,06,552	24	28,938	3,78,772	13	48,177	6,27,969	13
	Báji .....	40,024	13,08,126	32	28,972	5,01,350	17	20,183	3,36,080	17
	Cotton .....	7,651	3,91,368	51	10,020	10,69,394	61	543	8,640	16
	Other crops ...	7,962	1,87,708	23	3,544	70,259	20	3,902	98,417	25
	<b>Total ...</b>	<b>91,071</b>	<b>27,56,327</b>	<b>30</b>	<b>71,901</b>	<b>20,26,640</b>	<b>28</b>	<b>76,496</b>	<b>11,26,816</b>	<b>15</b>
<b>Rabi</b>	Wheat .....	4,875	1,04,040	21	2,174	74,290	34	8,567	1,79,559	21
	Barley .....	580	9,423	16	21	1,820	62	249	3,388	14
	Oil-seeds ...	16,146	3,18,852	19	12,945	1,19,142	9	1,424	37,113	26
	Other crops ...	1,285	47,212	36	341	21,144	62	1,520	41,844	28
	<b>Total ...</b>	<b>22,886</b>	<b>4,79,527</b>	<b>21</b>	<b>15,481</b>	<b>2,15,896</b>	<b>14</b>	<b>11,760</b>	<b>2,61,904</b>	<b>22</b>
<b>Total under both Heads ...</b>	<b>118,957</b>	<b>32,35,854</b>	<b>28</b>	<b>87,382</b>	<b>22,42,536</b>	<b>26</b>	<b>88,256</b>	<b>13,88,720</b>	<b>16</b>	

Description of Crops,	NORTHERN HYDERABAD CANALS DISTRICT—concluded.			CENTRAL HYDERABAD CANALS DISTRICT.						
	Total.			Alibhar Kacheri.			Great Márah.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	101	102	103	104	105	106	107	108	109	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
<b>Kharif</b>	Rice .....	15,090	3,25,148	22	526	8,942	17	2,041	64,983	32
	Jowári .....	101,577	16,13,293	16	716	18,094	25	1,810	28,375	16
	Báji .....	89,179	21,45,556	24	7,821	2,14,924	27	32,805	6,61,296	20
	Cotton .....	18,214	14,69,402	81	2,424	1,15,899	48	18,305	9,39,210	51
	Other crops ...	15,408	3,56,384	23	281	12,347	43	1,809	74,207	41
	<b>Total ...</b>	<b>239,468</b>	<b>59,09,783</b>	<b>25</b>	<b>11,768</b>	<b>3,70,206</b>	<b>31</b>	<b>56,770</b>	<b>17,68,071</b>	<b>31</b>
<b>Rabi</b>	Wheat .....	15,616	3,57,889	23	81	1,125	36	398	12,085	30
	Barley .....	850	14,131	17	...	...	...	...	...	...
	Oil-seeds ...	30,515	4,75,107	16	180	4,871	37	2,123	58,224	27
	Other crops ...	3,146	1,10,200	35	124	1,212	10	790	11,310	14
	<b>Total ...</b>	<b>50,127</b>	<b>9,57,327</b>	<b>19</b>	<b>285</b>	<b>7,208</b>	<b>25</b>	<b>3,311</b>	<b>81,619</b>	<b>25</b>
<b>Total under both Heads ...</b>	<b>289,595</b>	<b>68,67,110</b>	<b>24</b>	<b>12,053</b>	<b>3,77,414</b>	<b>31</b>	<b>60,081</b>	<b>18,49,690</b>	<b>31</b>	

## STATEMENT III-E—continued.

Description of Crops.		CENTRAL HYDERABAD CANALS DISTRICT—concluded.								
		Sarfaz.			Other Canals.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	110	111	112	113	114	115	116	117	118	
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	1,156	51,386	27	242	3,396	16	3,965	1,09,207	28
	Jowári ...	465	6,810	14	3,327	79,171	24	6,318	1,32,450	21
	Báji ...	22,478	3,01,332	13	91,793	14,82,705	16	154,897	26,60,257	17
	Cotton ...	7,454	2,58,372	34	37,060	16,10,239	43	65,243	29,23,720	45
	Other crops ...	1,112	37,547	34	5,940	2,56,810	43	9,142	3,80,911	42
Total ...		32,665	6,35,447	19	138,362	34,32,821	25	239,565	62,06,545	26
Rabi	Wheat ...	383	10,688	27	3,879	1,36,572	35	4,691	1,60,470	34
	Barley ...	1	22	22	10	287	27	11	289	26
	Oil-seeds ...	307	6,640	21	5,106	1,51,553	30	7,666	2,21,288	29
	Other crops ...	514	17,008	33	5,512	1,42,804	26	6,940	1,72,334	25
	Total ...		1,205	34,358	29	14,507	4,31,196	30	19,308	5,54,381
Total under both Heads ...		33,870	6,69,805	20	152,869	38,64,017	25	258,873	67,60,926	26

Description of Crops.		FULBLI CANALS DISTRICT.					
		Fuleli Canal.			Hasanali Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	119	120	121	122	123	124	
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	211,227	33,36,843	16	11,998	4,31,928	36
	Jowári ...	2,178	29,784	14	69	552	8
	Báji ...	83,244	11,90,499	14	4,894	58,728	12
	Cotton ...	17,524	4,65,234	27	72	1,728	24
	Other crops ...	7,565	2,39,879	32	407	10,344	25
Total ...		321,738	52,62,239	16	17,440	5,03,280	29
Rabi	Wheat ...	13,233	3,00,095	23	36	1,236	36
	Barley ...	2,354	18,806	8	16	192	16
	Oil-seeds ...	18,668	2,79,498	15	214	2,568	12
	Other crops ...	14,820	4,17,698	28	79	2,050	26
	Total ...		49,105	10,16,097	31	345	6,106
Total under both Heads ...		370,843	62,78,336	17	17,785	5,09,386	29

## STATEMENT III-E—concluded.

FUZEELI CANALS DISTRICT—concluded.							
Description of Crops.	Other Canals.			Total.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	125	126	127	128	129	130	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif	Rice ...	10,833	3,16,138	29	284,108	40,84,909	17
	Jowári ...	184	2,335	13	2,431	32,671	13
	Bájri ...	8,740	1,09,455	12	96,878	13,58,682	14
	Cotton ...	781	10,181	13	18,957	4,77,143	25
	Other crops ...	374	9,760	26	8,346	2,59,983	31
Total ...	20,942	4,47,869	21	360,120	62,13,388	18	
Rabi	Wheat ...	1,094	31,736	29	14,363	3,33,127	23
	Barley ...	363	4,503	12	2,743	23,501	9
	Oil-seeds ...	1,095	11,696	10	19,997	2,93,762	15
	Other crops ...	1,441	36,727	25	16,340	4,56,475	28
	Total ...	3,993	84,662	21	53,443	11,06,865	21
Total under both Heads ...	24,935	5,32,531	21	413,563	73,20,253	18	

Description of Crops.	TOTAL, INDUS LEFT BANK DIVISION.			GRAND TOTAL FOR SIND.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	131	132	133	134	135	136	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif	Rice ...	367,134	71,32,022	19	1,090,257	2,35,62,014	22
	Jowári ...	113,908	18,10,709	16	448,842	1,03,03,938	23
	Bájri ...	423,456	72,58,141	17	542,701	99,40,007	19
	Cotton ...	197,185	96,32,526	49	198,027	96,61,026	49
	Other crops ...	41,109	11,34,990	28	104,343	27,66,621	27
Total ...	1,142,792	2,69,68,388	24	2,384,170	5,62,33,606	24	
Rabi	Wheat ...	99,190	23,58,661	24	291,345	76,13,435	26
	Barley ...	4,160	43,032	10	18,747	1,70,995	9
	Oil-seeds ...	71,259	11,04,391	15	195,441	34,11,966	17
	Other crops ...	44,014	9,43,894	21	414,339	62,91,409	15
Total ...	218,623	44,49,978	20	919,922	1,74,87,805	19	
Total under both Heads ...	1,361,415	3,14,18,366	23	3,304,092	7,37,21,411	22	

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**STATEMENT IV—E.**

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## STATEMENT

## Comparative Statement of Irrigation and Rainfall for the years

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable Area commanded by the Irrigation Works in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Khelat	569,874	569,874	89,827	1	Desert Canal	101,493
				2	Begári Canal	180,000
					Total	281,493
				3	Desert Canal	287,492
				4	Unharwáh	214,056
Upper Sind Frontier District.	1,651,080	1,280,491	502,264	5	Begári Canal	416,887
				6	Kashmor Bund	32,000
				7	Sukkur Canal	51,681
				8	Ghár Canal	53,384
				9	Sind Canal	1,421
					Total	1,056,921
				10	Mahiwáh	135,118
				11	Begári Canal	79,844
				12	Sind Canal	185,226
				13	Canals in Rohri	141,710
				14	Garang Canal	8,900
				15	Rajib Canal	12,400
Sukkur Collectorate.	3,574,773	1,914,278	367,923	16	Chitti Canal	15,400
				17	Bunds in Rohri	...
				18	Sukkur Canal	55,356
				19	Ghár Canal	942
				20	Ghár Bunds	1,984
				21	Sukkur-Begári Bund	19,268
				22	Kásimpur Bund	5,000
				23	Nára Supply Channel	25,000
					Total	685,648
				24	Begári Canal	338
				25	Sind Canal	97
				26	Sukkur Canal	81,246
				27	Ghár Canal	454,819
				28	Ghár Bunds	920
				29	Western Nára	462,669
Larkána Collectorate.	5,051,043	1,171,274	771,942	30	Nov Feeder to Western Nára	2,600
				31	Fritchard Canal	19,683
				32	Wahur Wah	3,983
				33	Marvi Wah	10,459
				34	Nára Bunds	7,881
				35	Íádu Canals	37,069
				36	Phitta Canal	22,237
				37	Manchar	40,900
				38	Aral	26,884
					Total	1,171,694
				39	Other Canals (Mfulehand)	14,000
				40	Canals north of Kotri	18,331
				41	Kalri	33,800
				42	Bagbar	104,800
				43	Uchito	41,920
				44	Other Canals, Tatta, &c.	22,700
				45	Pinyári	136,411
				46	Canals in Mirpur Bathoro	39,330
				47	Canals in Sujáwal	19,765
				48	Canals in Jati	5,500
				49	Sattah	61,102
				50	Khanto	30,247
				51	Kokawari	43,478
				52	Canals in Sháhbandar	12,480
				53	Bunds, Right Bank	8,800
				54	Bunds, Left Bank	15,664
				55	Bunds, north of Kotri	1,057
					Total	610,056
					Total	610,056

IV-E.

1908-1909 and 1909-1910 in Sind.

Area at present estimated as annually irrigated by the works specified in column 8.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.
	1908-1909.			1909-1910.			1908-1909.	1909-1910.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	Excludes Kharābo and uncultivated areas assessed as under:
65,000	22,490	30,957	60,447	83,193	24,634	57,827	4 11	1 45	Kharif. Acres. 2,889
30,000	23,905	9,699	88,604	22,176	3,788	25,964	4 11	1 45	Rabi. Acres. 8,913
95,000	53,395	40,656	94,051	55,369	28,422	83,791			Total. Acres. 6,007
180,000	85,447	45,228	180,675	90,627	32,837	123,664	3 68	2 61	Desert Canal... 2,889
70,000	56,869	28,404	85,278	58,143	31,386	84,529	3 03	2 35	Begari Canal... 1,914
200,000	127,691	102,981	230,872	116,320	88,214	204,534	3 10	2 22	
4,000	4,260	4,761	9,021	8,603	3,432	7,085	4 35	3 55	
36,587	10,635	18,709	24,344	11,053	9,504	20,557	2 45	3 16	
20,185	11,170	9,534	20,704	10,672	2,294	12,966	2 45	3 16	
50	154	...	154	35	...	35	...	...	
460,822	296,426	204,617	501,043	285,663	167,667	453,320			
121,880	55,132	44,244	99,426	46,893	38,138	85,031	3 46	2 40	
51,948	36,277	23,478	59,750	32,264	19,633	51,897	3 10	2 22	
124,379	76,994	58,438	116,432	53,336	28,942	81,278			
94,468	44,781	35,164	77,945	35,567	23,338	64,955			
7,350	8,007	4,942	7,349	2,416	3,326	5,742	3 46	2 40	
11,820	7,295	4,891	12,186	6,117	4,410	10,527			
14,800	7,132	8,257	15,389	5,954	6,339	12,293			
40,149	22,887	15,679	38,466	22,594	15,364	37,958	2 16	2 79	
550	179	213	392	292	37	329	2 16	2 77	
1,884	587	515	1,052	646	510	1,156	2 16	2 77	
17,000	6,302	8,907	15,209	3,791	6,044	9,835	3 46	2 40	
4,000	650	2,469	3,119	963	775	1,138	3 46	2 40	
23,000	440	14,523	14,963	236	5,176	5,472	...	...	
618,023	261,663	199,615	461,278	210,529	157,482	368,011			
150	41	...	41	149	...	149	3 10	2 22	
10	...	12	12	...	9	9	...	...	
72,864	42,115	32,556	74,671	40,654	32,638	73,292	3 06	1 34	
349,896	214,894	135,691	350,535	195,831	131,716	327,547	1 64	1 79	
435	306	202	508	203	131	334	1 92	2 11	
325,102	207,049	124,383	331,382	189,338	120,469	309,807			
5,500	1,874	293	1,667	1,190	280	1,470			
12,435	9,692	3,197	12,789	8,212	3,246	11,458			
2,220	1,085	1,672	2,767	904	1,819	2,723			
5,195	3,500	2,337	5,837	3,813	2,091	5,004	8 40	4 30	
4,340	3,543	1,949	5,497	1,905	697	2,602			
10,650	8,024	4,424	12,448	7,760	2,121	9,881			
4,670	4,837	2,250	7,093	4,827	323	5,649			
10,443	2,948	13,180	16,128	3,099	3,302	11,401			
2,753	4,897	10,138	15,035	4,256	6,360	10,616			
805,983	504,210	332,240	836,450	461,241	310,701	771,942			
5,600	4,134	485	4,619	3,380	675	4,655	9 66	14 0	
16,000	6,913	6,504	13,417	8,810	5,175	13,985	8 40	4 30	
20,750	15,216	5,436	20,654	16,036	3,672	19,608	19 58	7 26	
42,600	27,659	13,920	41,579	29,740	10,620	40,360	19 27	6 54	
16,900	12,081	3,457	15,538	13,947	2,617	16,564	18 64	5 10	
19,000	11,995	5,549	17,494	9,270	2,559	11,829	18 93	7 39	
92,000	81,767	15,083	96,850	80,623	6,986	87,614	19 14	7 14	
22,600	11,257	995	12,252	12,204	1,063	13,267	18 68	6 04	
19,330	8,036	5,711	13,747	8,021	2,504	11,525	23 98	8 99	
4,000	1,721	1,282	3,003	1,671	1,293	16,764	24 62	8 07	
23,757	15,200	2,513	17,713	15,471	403	5,331	25 26	7 16	
7,790	4,204	723	4,927	4,928	403	5,331	25 26	7 16	
38,990	14,697	1,335	16,033	15,186	1,285	16,451	25 26	7 16	
2,500	1,745	139	1,877	1,954	143	2,097	21 47	6 21	
7,200	5,289	1,653	6,952	5,144	1,372	6,516	20 52	7 33	
11,940	3,232	922	4,154	3,784	809	4,593	8 40	4 30	
1,020	474	87	561	301	502	803			
351,977	224,970	66,390	291,360	232,662	42,878	275,740			

## STATEMENT

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable Area commanded by the Irrigation Works in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Thar and Parkar Collectorate.	6,064,800	2,270,887	575,645	56	Jámrao Canal ... ..	640,000
				57	Eastern Nára ... ..	275,500
				58	Mithrao Canal ... ..	400,100
				59	Heran Canal ... ..	9,000
				60	Khipra Canal ... ..	45,000
				61	Thar Canal ... ..	144,800
				62	Hiral Canal ... ..	38,800
				63	Great Márao ... ..	68,500
				64	Gháro Mahmudo ... ..	40,300
				65	Kari Shumali ... ..	26,600
				Total ...	1,688,100	
Hyderabad Col- lectorate.	5,144,128	*3,091,988	989,684	66	Jámrao Canal ... ..	186,000
				67	Mehrabwáh ... ..	68,000
				68	Nasrat Canal ... ..	319,000
				69	Naulákhí ... ..	179,000
				70	Dámbo ... ..	44,000
				71	Dad Canal ... ..	836,000
				72	Renwah ... ..	90,500
				73	Alibhar Kacheri ... ..	51,900
				74	Great Márao ... ..	169,900
				75	Gháro Mahmudo ... ..	270,700
				76	Kari Shumali ... ..	185,500
				77	Nasirwah ... ..	127,300
				78	Saríraz ... ..	139,400
				79	Other Canals ... ..	87,000
80	Fuleli Canal ... ..	1,437,500				
81	Hasanali Canal ... ..	84,000				
82	Other Canals ... ..	81,300				
				Total ..	3,802,000	
	27,544,816	11,829,786	3,663,972	Grand Total ...	9,295,911	

\* Exclusive of Jágr figures.

IV.E—concluded.

Area at present estimated as annually irrigated by the works specified in column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.
	1908-1909.			1909-1910.			1908-1909.	1909-1910.	
	Kharrif.	Rabi.	Total.	Kharrif.	Rabi.	Total.	Ins. cts.	Ins. cts.	
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
218,000	155,417	13,911	169,328	110,789	36,590.	147,379	4 76	6 41	
90,900	21,815	68,940	90,755	22,510	15,801	87,811	17 27	10 36	
148,500	102,961	8,190	111,151	82,981	20,412	108,343	12 44	8 81	
8,000	1,078	20	1,098	818	444	1,262	10 60	5 87	
8,000	3,123	957	4,080	4,379	1,257	5,636	17 84	8 0	
50,000	46,819	2,422	49,041	46,192	3,866	50,078	14 89	10 48	
15,700	14,860	959	15,809	12,800	3,045	15,845	16 23	13 57	
	15,534	215	16,749	14,399	213	14,612	12 28	6 88	
Areas are shown opposite HyderabadCollectorate.	5,782	174	5,956	5,054	178	5,232	20 8	7 25	
	4,456	88	4,544	4,050	131	4,181	20 8	7 59	
524,100	371,633	95,871	467,504	308,922	81,457	385,379			
45,000	32,181	6,428	38,607	22,924	9,634	32,558	...	...	
13,000	11,722	2,460	14,182	12,891	895	12,786	2 98	3 54	
104,100	86,492	37,619	124,111	71,901	15,481	87,382	1 72	4 80	
54,000	45,619	9,883	55,452	43,399	5,601	49,000	1 10	4 52	
15,000	12,279	2,084	14,363	12,787	2,477	15,264	3 30	4 50	
145,400	93,401	26,289	119,690	91,071	22,866	113,957	6 35	5 87	
20,150	370	522	892	465	523	988	3 74	4 98	
18,800	11,237	318	11,555	11,768	285	12,053	7 65	6 86	
58,350	45,578	4,743	50,321	42,371	3,098	45,469	8 81	6 88	
68,200	68,081	9,880	77,961	68,501	8,470	71,971	14 56	7 25	
48,000	31,096	2,559	33,655	28,968	1,629	30,597	17 14	7 59	
1,250	35,006	3,547	38,553	31,690	2,687	34,377	17 14	6 49	
45,300	34,521	3,412	37,933	32,865	1,206	33,370	18 3	6 79	
54,200	11,154	6,785	17,939	12,553	4,276	16,829	9 9	5 86	
400,000	330,473	49,692	380,165	321,738	49,105	370,843	13 52	10 42	
30,000	16,433	693	17,126	17,440	345	17,785	19 15	5 7	
80,000	15,609	3,326	19,195	16,932	3,118	20,280	19 32	5 46	
1,169,750	881,462	169,618	1,051,080	884,594	181,315	965,909			
3,925,340	2,593,759	1,109,007	3,702,766	2,384,170	919,922	3,304,092			

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M A P  
OF THE  
SOUTHERN DIVISION.

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*Note.*— During the year under report there have been no changes in the Map of the Southern Division, and the Map printed with the Irrigation Administration Report for 1908-1909 may be taken as illustrative of the Administration Report for 1909-1910.