

Action Plan for Rain Water Harvesting by WRI&D Department

The State Government has taken up **Jalathirtha Programme since 2014-15** exclusively for conservation of rain water and its judicious use. The Objectives of the Programme were mainly as follows:

- a) To conserve surface runoff and rain water to provide irrigation to the communities in the Scheme area by construction of Check Dams (CDs), Water Harvesting Structures (WHTs) and Surface Flow Minor Irrigation Schemes (SFMISSs).
- b) To prevent soil erosion & facilitate recharge ground water aquifers
- c) To improve production and productivity of the agriculture and help in taking up allied activities like fishery, duckery and animal feeding etc. to enhance the livelihood of the local inhabitants.

Geographical Coverage of the Programme is as follows:

- a) Arid Districts viz. Birbhum, Bankura, Purulia, Paschim Medinipur & Jhargram
- b) Sundarban Area of North 24 Parganas & South 24 Parganas Districts
- c) Hilly Area of Drajeeing & Kalimpong Districts for

The Programme is solely funded by Government of West Bengal. Yearly budget provision of about Rs. 200 Crore is kept for Jalathirtha Programme. So far, an expenditure of about Rs. 654 Crore have been incurred by WRI&DD. Expenditure about Rs. 89.54 Crore & Rs. 176 Crores have been incurred during 2019-20 (31.12.2019) & 2018-19 respectively.

So far (Till 31.12.2019) following progress have been made under Jalathirtha Programme:

- a) 949 Minor Irrigation Schemes have been completed WRI&D Department consisting of 123 Nos. Check Dams, 461 Nos. Surface Flow Minor Irrigation Schemes & 365 Nos Excavation/ Reexcavation of Water Harvesting Tank,
- b) 30,794 Ha of Culturable Command Area (CCA) has been created/ revived,
- c) 40,577 Ha of Irrigation Potential (IP) has been created/ revived.

Intervention on rain water harvesting has also been made by this Department through various Programmes other than Jalathirtha. Reference may be made to **Annexure-I** which depicts the Assets [Water Bodies in terms of number by P&RD Department and Equivalent Tank of Standard Size (40m x30mx3m) Created by WRI&D Department under various programmes] created till 31.12.2019 since 2011-12 along with approximate Culturable Command Area (CCA) in Hectare.

Annexure-I

ASSETS CREATED UNDER "JAL DHARO JAL BHARO" BY WRDD & UNDER THE CONVERGENCE PROGRAMME WITH P&RD DEPTT, GOVT OF WEST BENGAL AS ON 31.12.2019.

SL NO	District	Convergence with P&RD										WRI&DD														Grand Total of water Bodies of P&RD and WRI&DD												
		FY 11-12	FY 12-13	FY-13-14	FY-14-15	FY-15-16	FY-16-17	FY-17-18	FY-18-19	FY-19-20 (Upto December)	Total no of Water Bodies	Equivalent tank 11-12	Equivalent tank 12-13	Equivalent tank 13-14	Equivalent tank 14-15	Equivalent tank 15-16	Equivalent tank 16-17	Equivalent tank 17-18	Equivalent tank 18-19	Equivalent tank 19-20(Upto December)	Total Equivalent tank	Volume (Ha-m)	MGNREGA Pond1-12	MGNREGA Pond12-13	MGNREGA Pond13-14		MGNREGA Pond14-15	MGNREGA Pond15-16	MGNREGA Pond16-17	MGNREGA Pond17-18	MGNREGA Pond18-19	MGNREGA Pond19-20(Upto December)	MGNREGA Total	Volume (Ha-m)				
1	24 Parganas(N)	3736	2110	3940	4016	2116	3714	4900	5842	2322	32696	663	0	0		45			411	1119	246	0	0	0						0	0	0	0	0	0	0	0	33815
2	24 Parganas(S)	704	2654	2294	302	5866	2642	4264	3773	1557	24056	6786	4649	0	360	783	1001	399	957	2199	17134	3769	0	4	2					0	0	0	0	6	1	41196		
3	Alipurdwar					157	394	394	686	259	1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1890		
4	Bankura	1859	995	2288	103	63	282	298	548	214	6650	1412	2807	420	943	3653	3322	1497	1669	3511	19234	4231	0	0	0					0	0	0	0	0	0	25884		
5	Birbhum	6123	6414	3909	1680	1860	2958	2597	2506	622	28669	0	0	224	0	654	390	336	67	1058	2729	600	0	4	12	2			0	0	0	0	18	4	31416			
6	Coochbehar	54	100	99	50	215	135	545	444	123	1765	0	0	0			264			264	58	0	0	0		26			0	0	0	0	26	6	2055			
7	Dargeeling (DGHC)			6	0	30	3	400	146	56	641	0	0	0	0	0	0	0	188	37	225	50	0	120		120			0	0	0	0	240	53	1106			
8	Dakshin Dinajpur	291	366	263	67	121	84	537	920	273	2922	0	0	0							0	0	0	0	0			0	0	0	0	0	0	0	2922			
9	Uttar Dinajpur	324	378	55	7	29	206	374	798	375	2546	0	0	0							0	0	0	0	0			0	0	0	0	0	0	0	2546			
10	Hooghly	736	942	532	196	440	157	364	324	98	3789	0	0	0			7			7	2	0	0	0				0	0	0	0	0	0	0	3796			
11	Howrah	53	156	51	30	215	258	311	285	258	1617	1989	0	0	90	621	134	891	482	244	4451	979	0	0	0	2	1		0	0	0	3	1	6071				
12	Jalpaiguri	1201	745	314	200	127	276	1024	1753	612	6252	0	0	0							0	0	0	0	0			0	0	0	0	0	0	0	6252			
13	Jhargram						1074	1840	374	3288	0	0	0	0	0	0	0	224	83	605	912	201					0	0	0	0	0	0	0	0	4200			
14	Kalimpong	0	0	0	0	0	16	62	1	79	0	0	0	0	0	0	0	0	111	155	266	59	0	0	0	0	0	0	0	0	0	0	0	0	345			
15	Malda	423	274	89	43	48	101	177	554	281	1990	0	0	0							0	0	0	0	0			0	0	0	0	0	0	0	1990			
16	Murshidabad	1328	1835	321	113	298	758	1396	558	98	6705	0	0	57							57	13	0	0	0			0	0	0	0	0	0	0	6762			
17	Nadia	212	205	57	348	343	223	718	1407	817	4330	0	770	0						64	834	183	0	0	0			0	0	0	0	0	0	0	5164			
18	Paschim Burdwan							158	958	305	1421	0	0	0	0	0	0	39			39	9	0	0	0	0	0	0	0	0	0	0	0	0	1460			
19	Pas. Midnapore	3242	2583	1476	1046	1368	3442	2522	4527	808	21014	324	1419	664	285	2763	2430	1049	1379	1161	11474	2524	0	0	0			0	0	0	0	0	0	0	32488			
20	Purba Burdwan	1852	2495	4945	980	1063	1738	917	735	247	14972	442		587	130						1307	288	0	5	0			0	0	0	5	1	16284					
21	Purba Midnapore	1845	3340	3674	3097	4054	5757	5357	8372	6850	42346	0	748	1392	218	598	937	686	138	75	4792	1054	0	0	14		65	0	0	79	17	47217						
22	Purulia		2004	2200	2156	141	3399	2504	1530	263	14197	5287	1191	325	570	2290	3517	943	502	3005	17630	3879	0	0	0			0	0	0	0	0	0	0	31827			
23	Siliguri Mahakuma Parishad			12	9	11	30	40	32	10	144	0	0	0	0	0	0	0			0	0	0	0	0			0	0	0	0	0	0	0	144			
TOTAL		23983	27596	26525	14443	18565	26557	30887	38600	16823	223979	16903	11584	3669	2596	11362	11776	6335	5724	12525	82474	18144	0	133	28	150	1	65	0	0	0	377	83	306830				

	P&RD	WRI&DD	TOTAL	P&RD	WRI&DD	TOTAL
	No.	No.	No.	Approx. CCA (Ha)	Approx. CCA (Ha)	Approx. CCA (Ha)
2011-12	23983	16903	40886	11992	16903	28895
2012-13	27596	11717	39313	13798	11717	25515
2013-14	26525	3697	30222	13263	3697	16960
2014-15	14443	2746	17189	7222	2746	9968
2015-16	18565	11363	29928	9283	11363	20645
2016-17	26557	11841	38398	13279	11841	25120
2017-18	30887	6335	37222	15444	6335	21779
2018-19	38600	5724	44324	19300	5724	25024
2019-20(Upto December)	16823	12525	29348	8412	12525	20937
Total	223979	82851	306830	111990	82851	194840
Volume(Ha-m) WRI&DD		18227				

Schemes completed upto March, 2017 at Paschim Burdwan, Jhargram, Kalimpong have been incorporated in Purba Burdwan, Paschim Medinipur & Darjeeling respectively.

NOTE:- P&RD Report prepared on 31/12/2019 from MGNREGA Website. (i) For 19 districts report obtained from MGNREGA web site->MIS REPORT->ASSET CREATED. Here the fig. of remaining 4 districts is shown nil. So(ii) For remaining 4 districts i.e. Purba-Burdwan, Kalimpong, Jhargram & Alipurdwar MGNREGA Web Site->State->Districts->ASSET CREATED. This is done in consultation with P&RD deptt. on 16/10/19.