

Water Security Plan Report

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Date : 13/ 03/ 2024 Time : 2:36 PM User Name : Manish Mittal

STATE: HARYANA_6 »

DISTRICT: KURUKSHETRA_68 »

BLOCK: SHAHBAD_520 »

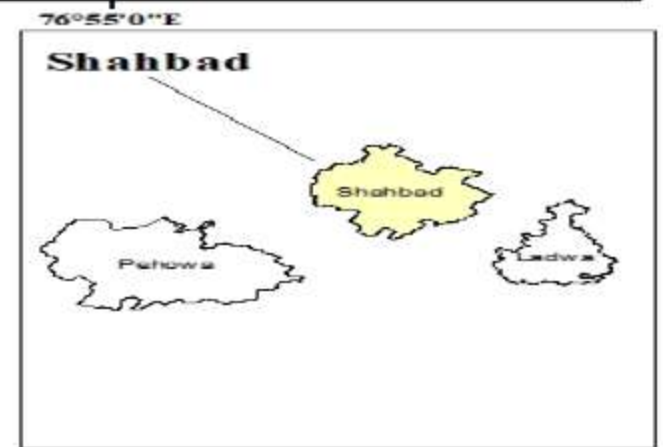
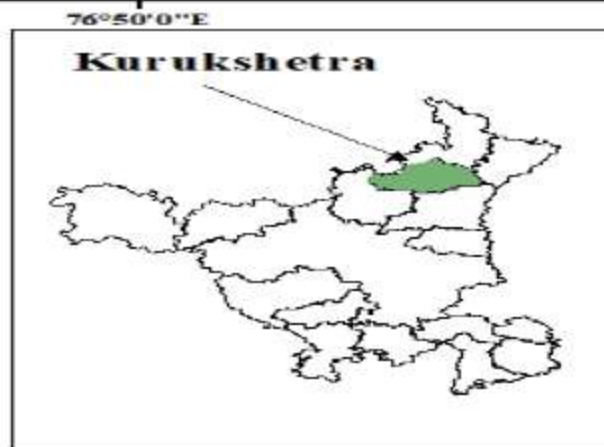
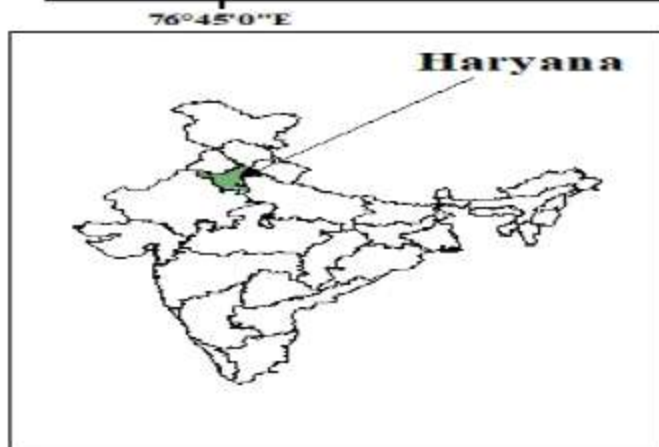
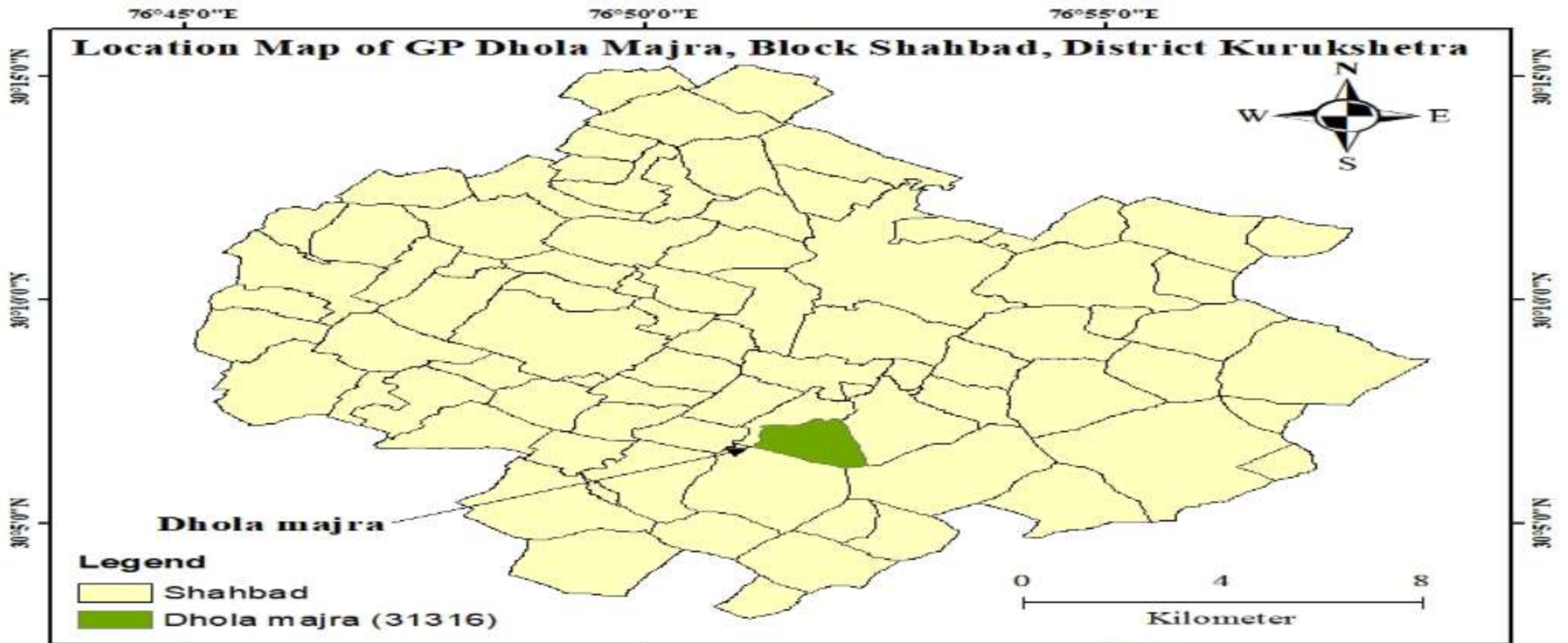
GRAM PANCHAYAT: DHOLA MAJRA_31316 »

YEAR: 2023-24 UPDATE »

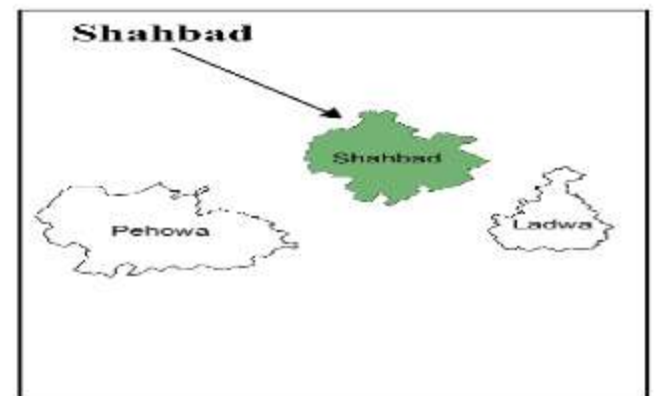
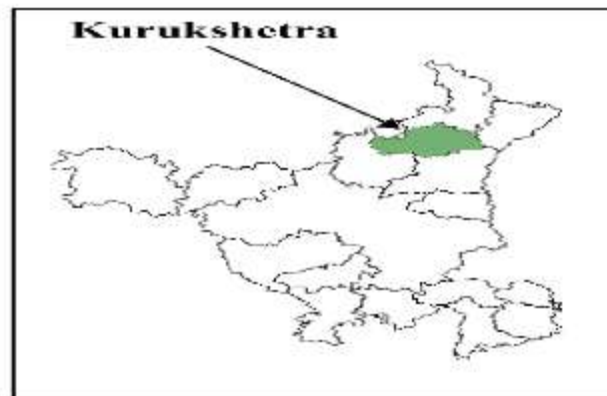
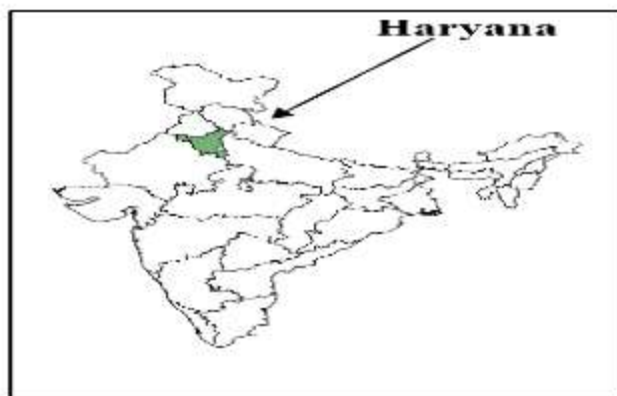
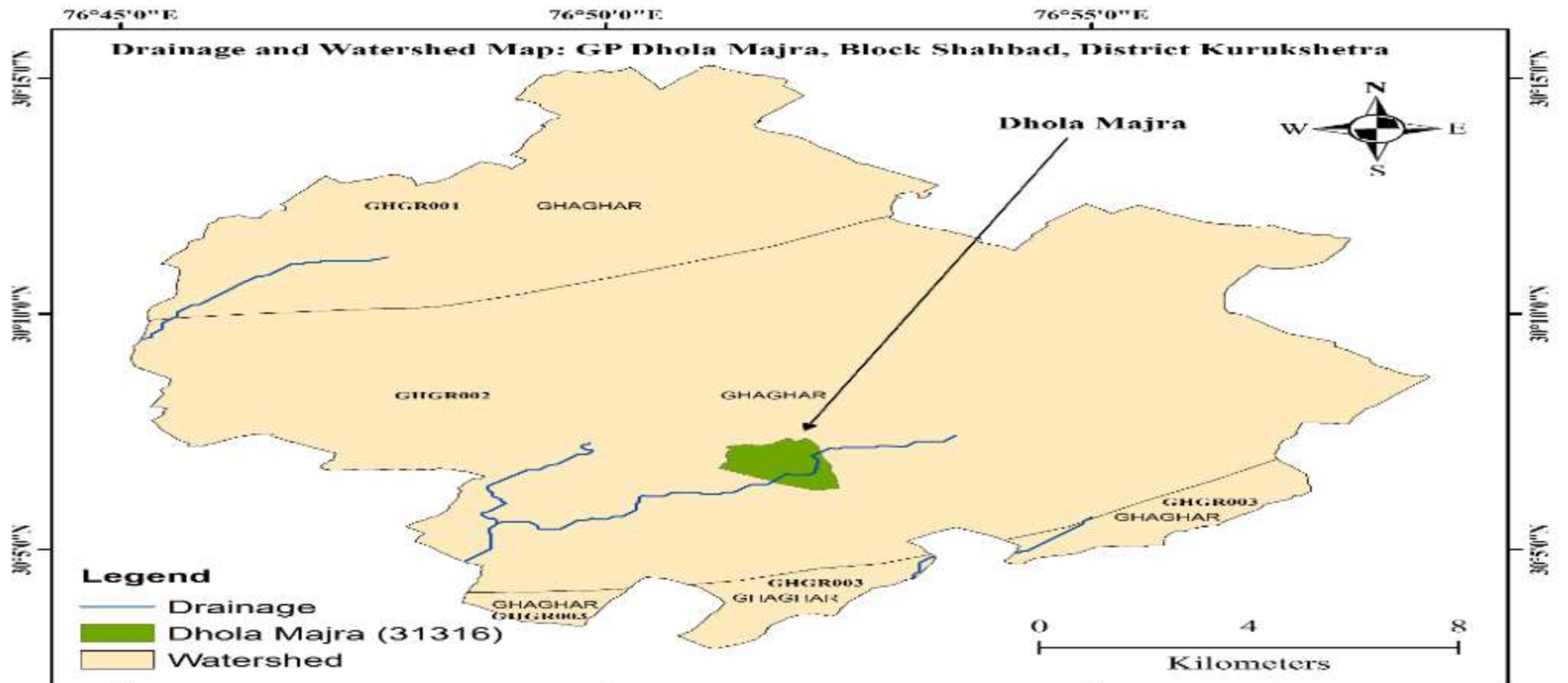
Gram Panchayat Information

State:	Haryana_6	District:	Kurukshetra_68
Block / Taluk :	Shahbad_520	GP Name :	Dhola Majra_31316
GP ID :	31316	Block Area (Ha) :	26865.2000
GP area (Ha) :	256.0000	Watershed Code :	GHGR002
Watershed name :	GHAGHAR	Watershed area in Block / Taluk (Ha) :	155223
Sub-basin Code :	GHA	Sub basin name :	Ghaghar and Others
Basin Code :	11	Basin Name :	Ghaghar

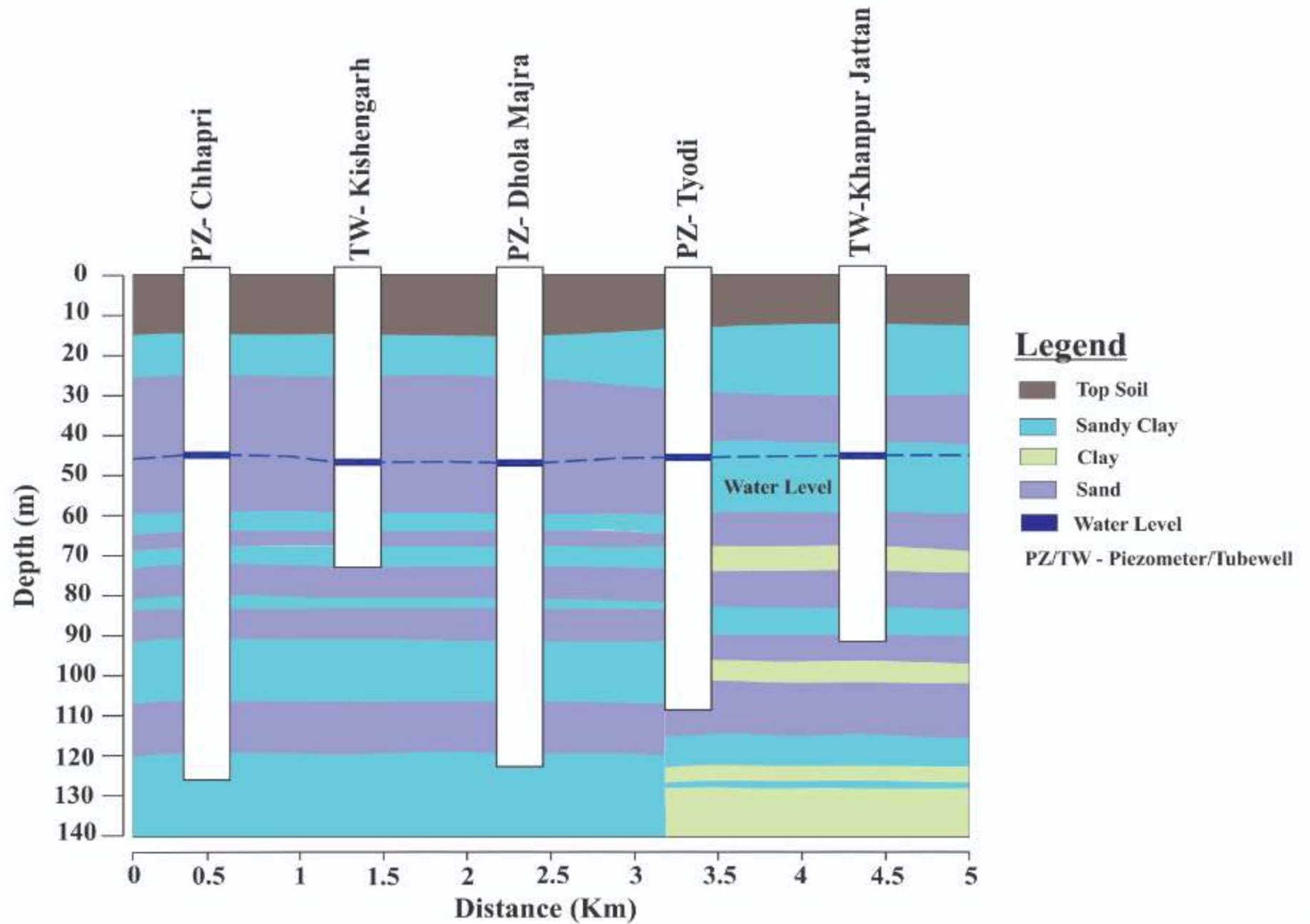
Location Map



Watershed Map



Aquifer Map: GPs Chhapri, Kishengarh, Tyodi, Dhola Majra, and Khanpur Jattan, Block Shahbad, District Kurukshetra



Ground Water Level

S.No.	Site Name	Location Details	Latitude	Longitude	Date	Well ID	Type of Well	Other Well Type	Ownership Type	Government Source	Diameter of well(m)	Depth of Well(mbmp)	Height of Measuring Point (mbgl)	Water Level (mbgl)	Water Level Date
1	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	46.80	2024-02-26
	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	47.1	2024-01-20
	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	47.50	2023-12-20
	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	47.53	2023-11-25
	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	48.45	2023-10-30
	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	48.4	2023-09-29
	Dhola majra	GP SCHOOL	30.11582	76.8579	2023-04-17	031316-001	Piezometer		Government	SGWB	0.10	128.00	0.50	48.81	2023-08-29
2	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well		Private		0.25	122.00	0.60	46.50	2024-02-16
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well		Private		0.25	122.00	0.60	47.00	2024-01-20
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well		Private		0.25	122.00	0.60	47.40	2023-12-20
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well		Private		0.25	122.00	0.60	47.49	2023-11-25
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well		Private		0.25	122.00	0.60	48.45	2023-10-30

	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well	Private		0.25	122.00	0.60	48.40	2023-09- 28
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well	Private		0.25	122.00	0.60	48.81	2023-08- 31
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well	Private		0.25	122.00	0.60	47.80	2023-07- 29
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well	Private		0.25	122.00	0.60	47	2023-06- 29
	Dhola majra	Mahinder singh farmer field	30.11203	76.86291	2023-05-11	031316-002	Tube Well	Private		0.25	122.00	0.60	46.46	2023-05- 20

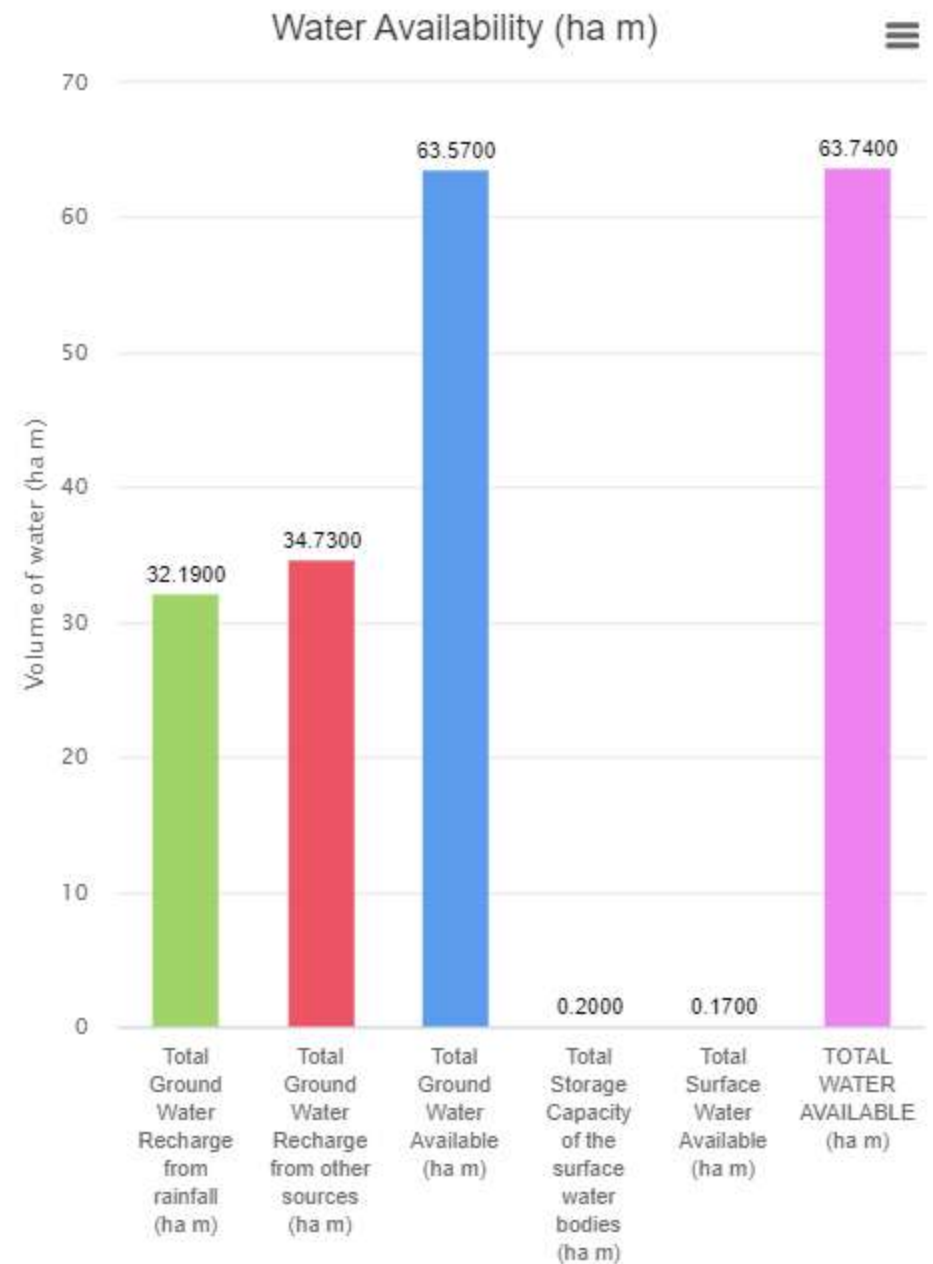
Ground Water Quality

S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	DHOLA MAJRA	SOMNATH	30.117519	76.857574	2022	Tube Well	I&WRD	KKR_SHA_DHO_001
2	DHOLA MAJRA	BAALA RAM	30.116411	76.858986	2022	Tube Well	I&WRD	KKR_SHA_DHO_002

S.No.	Well ID	Well Depth (mbgl)	Aquifer	PH	EC (µS/cm)	TDS (mg/L)	TH (mg/L)	Ca (mg/L)	Mg (mg/L)	Na (mg/L)	K (mg/L)	Carbo nate (mg/L)	Bicar bonate (mg/L)	Sulph ate (mg/L)	Chlor ide (mg/L)	Fluo ride (mg/L)	Nitr ate (mg/L)
1	KKR_SHA_DHO_001	106.669998	UNCONFINED	7.6	1342	805	380	58.2	56.9	84	0.8	0	298	89	184	0.81	7.01
2	KKR_SHA_DHO_002	106.669998	UNCONFINED	7.7	790	514	239	41.2	33	64.3	0.6	0	248	67.7	49.5	0.78	4.2

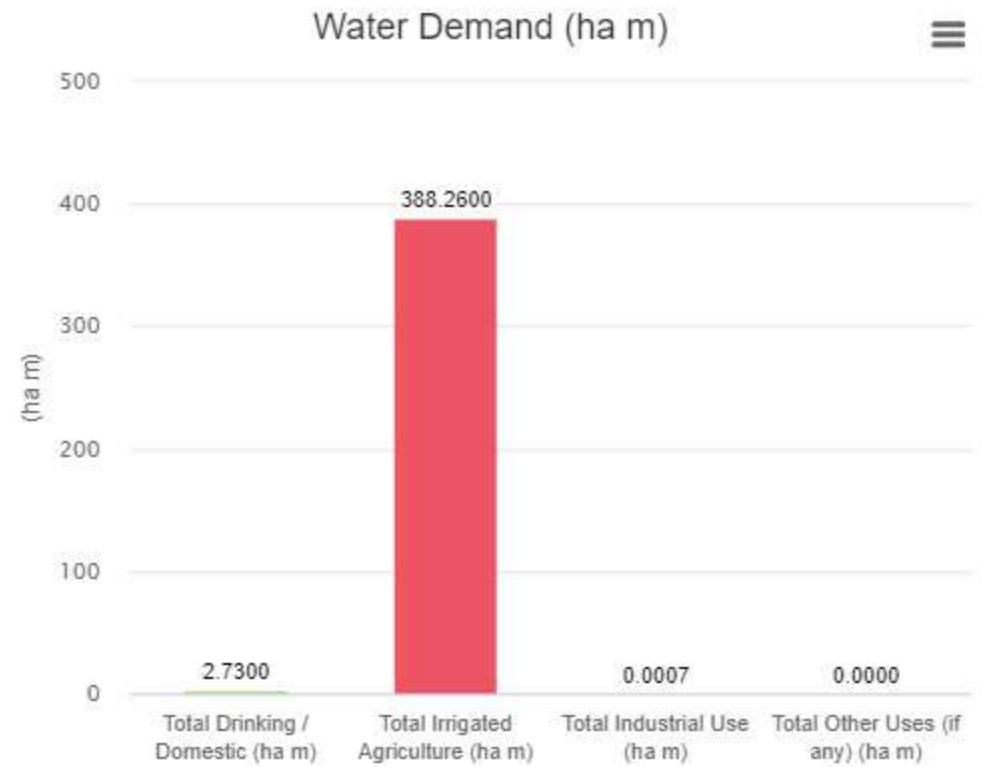
Water Availability Report

Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	791.5000
b.	Estimated Volume of Rainfall (ha m)	202.6240
c.	Evapotranspiration rate (mm)	432.4200
d.	Estimated Evapotranspiration losses (ha m)	110.6995
e.	Estimated Water Available From Rainfall (ha m)	91.9245
f.	Weighted Average Runoff Coefficient	0.3000
g.	Rainfall Runoff(ha m)	27.5774
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	28.0700
(ii)	Non-Monsoon	4.1200
	Total Ground Water Recharge from rainfall (ha m)	32.1900
b.	Ground Water Recharge from other sources (ha m)	
(i)	Monsoon	19.4900
(ii)	Non-Monsoon	15.2400
	Total Ground Water Recharge from other sources (ha m)	34.7300
c.	Losses Due to Natural Discharge (ha m)	
	Total Ground Water Available (ha m)	63.5700
d.	Ground Water Withdrawal (ha m)	
		124.9600
3.	Surface Water	
a.	Surface Water available in storages	
(i)	Number of Surface Water Bodies and Storage Capacity (ha m)	
Type of Structure	No. of Structures	Storage Capacity (ha m)
Ponds	2	0.2
	Total Storage Capacity of the surface water bodies (ha m)	0.2000
(ii)	Losses if Any (%)	
(iii)	Surface Water Available in Storages (ha m)	
		0.1700
b.	Transported Water from outside GP area (ha m)	
	Total Surface Water Available (ha m)	0.1700
4.	TOTAL WATER AVAILABLE	
	Total WATER AVAILABLE (ha m)	63.7400



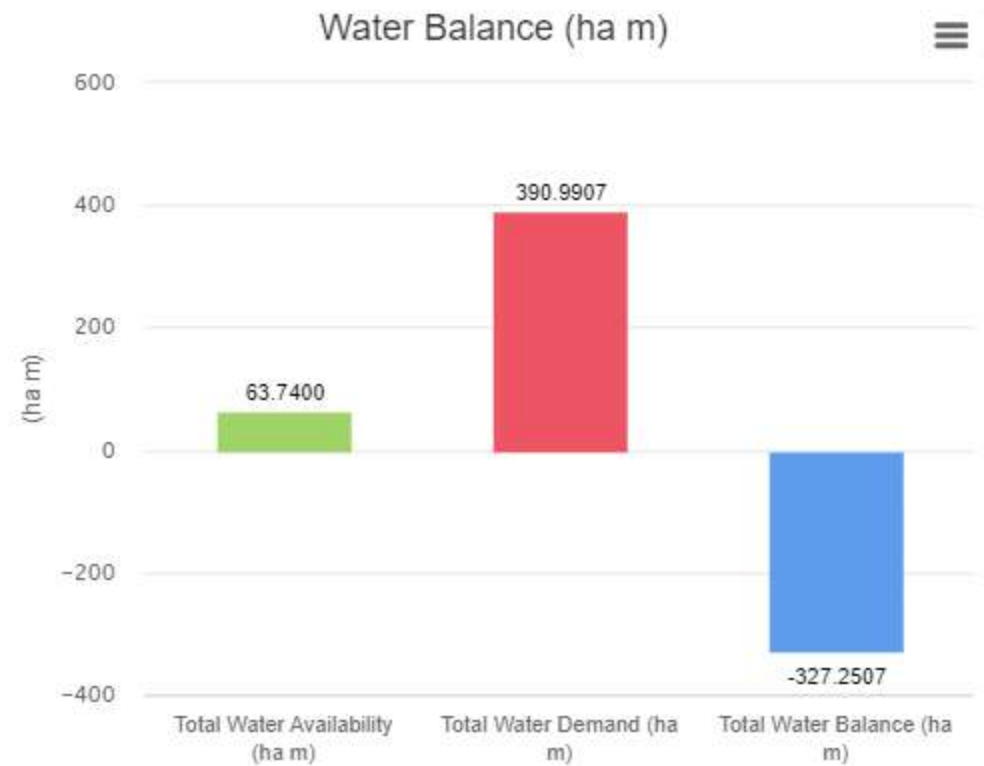
Water Demand Report

Water Demand		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	0.0860
ii)	From Ground Water	2.6440
	Total Drinking /Domestic (ha m)	2.7300
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	388.2600
	Total Irrigated Agriculture (ha m)	388.2600
C	Industrial Use (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	0.0007
	Total Industrial Use (ha m)	0.0007
D	Other Uses (if any) (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	0.0000
	Total Other Uses (if any) (ha m)	0.0000



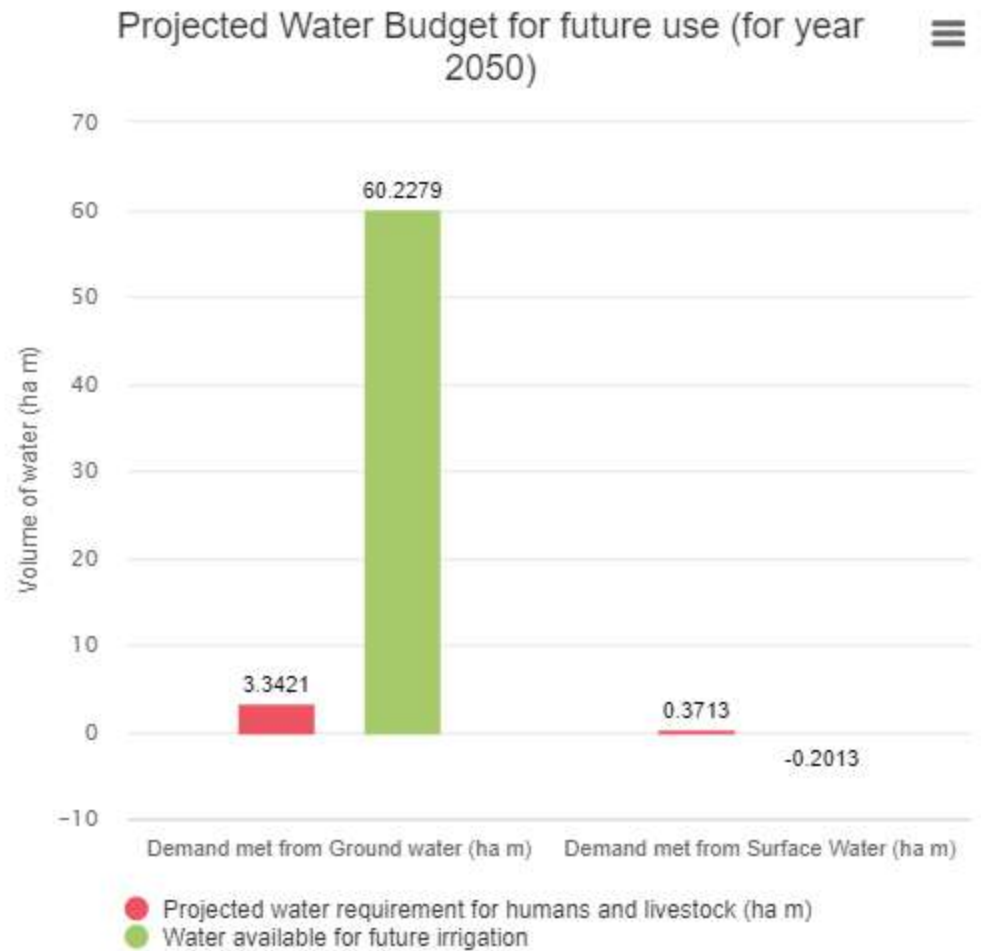
Water Balance Report

Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	63.5700
ii)	Total Surface Water Available	0.1700
	Total Water Availability (ha m)	63.7400
B	Water Demand (ha m)	
i)	Total Surface Water Demand	0.0860
ii)	Total Ground Water Demand	390.9047
	Total Water Demand	390.9907
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-327.3347
ii)	Total Surface Water Balance	0.0840
	Total Water Balance	-327.2507



Water Budget Report

A Allocation for Drinking & Domestic Requirements	
I Humans	
i) Present Human Population	930.0000
ii) Annual population growth rate (r)	1.2000
iii) No. of years	28.0000
iv) Projected human population (as in 2050)	1283.0000
v) Per capita requirement (L)	55.0000
vi) Projected water requirement for humans (as in 2050) (ha m)	2.5756
II Livestock	
i) Present livestock population	254.0000
ii) Annual population growth rate (r)	1.0400
iii) No. of years	28.0000
iv) Projected livestock population (as in 2050)	336.0000
v) Average per capita requirement (L)	92.7756
vi) Projected water requirement for livestock (as in 2050) (ha m)	1.1378
B Projected water requirement for humans and livestock (ha m) (as in 2050)	
Total Projected water requirement for humans and livestock (as in 2050) (ha m)	3.7134
i) Proposed share to be met from Ground water (in %)	90.0000
ii) Proposed share to be met from Surface water (in %)	10.0000
iii) Demand met from Ground water (ha m)	3.3421
iv) Demand met from Surface water (ha m)	0.3713
C Water available for future irrigation	
i) Ground Water	60.2279
ii) Surface water	-0.2013
iii) Total water available for future irrigation	60.0266



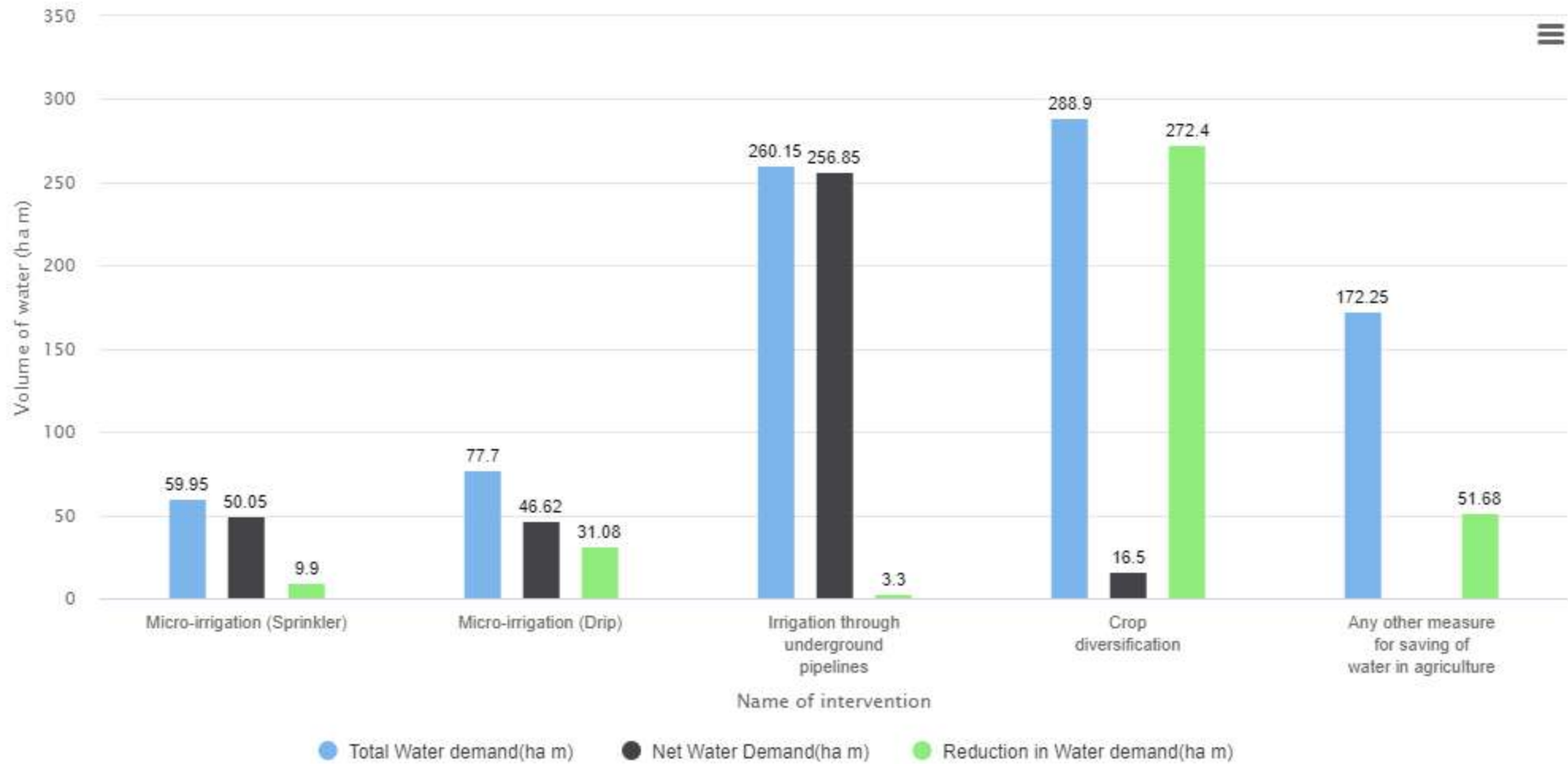
Demand Side

Total Area under Conventional Irrigation (ha) : 441

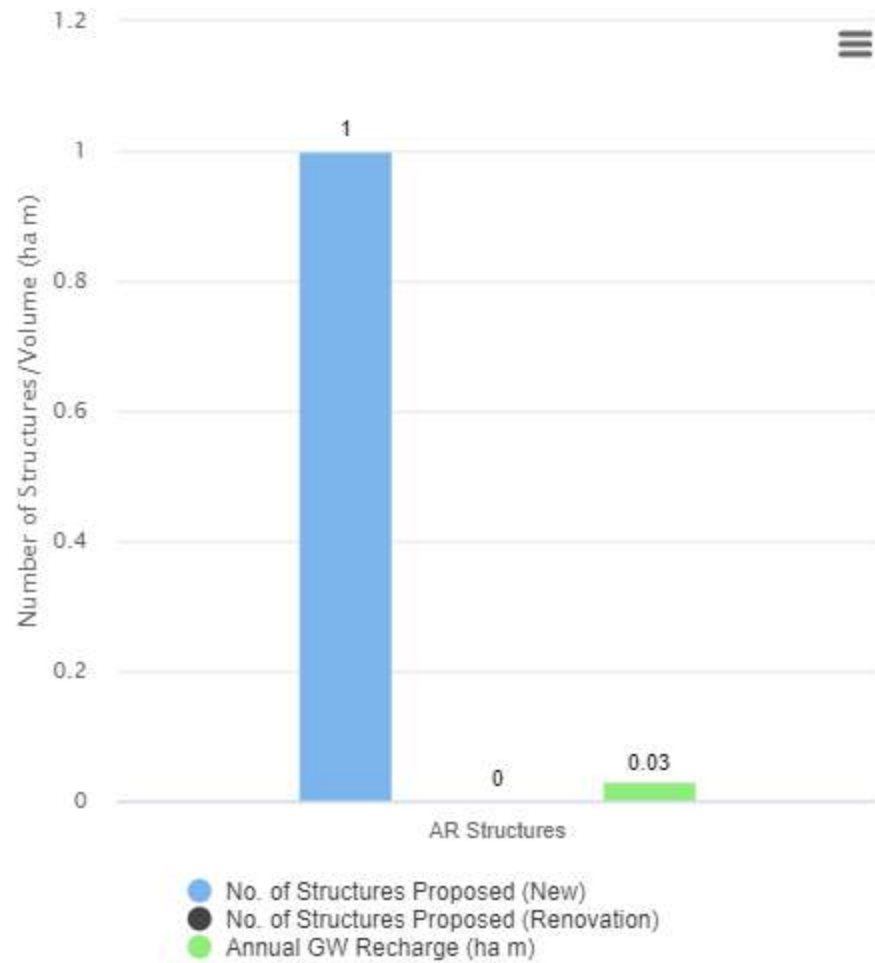
Demand Side						
Sr No	Name of Intervention	Proposed Area(ha)	Total Water demand(ha m)	Net Water Demand(ha m)	Reduction in Water demand(ha m)	Approximate cost(in lakh)
1	Sprinkler	60.0000	59.9500	50.0500	9.9000	70.6900
2	Drip	37.0000	77.7000	46.6200	31.0800	45.9000
3	Pipelines	20.0000	260.1500	256.8500	3.3000	5.0000
4	Crop Diversification	30	288.9000	16.5000	272.4000	5.1800
5	Other Measures	190.0000	172.2500	--	51.6800	11.2000
	Total	337.0000	858.9500	370.0200	368.3600	137.9700

Funding Source

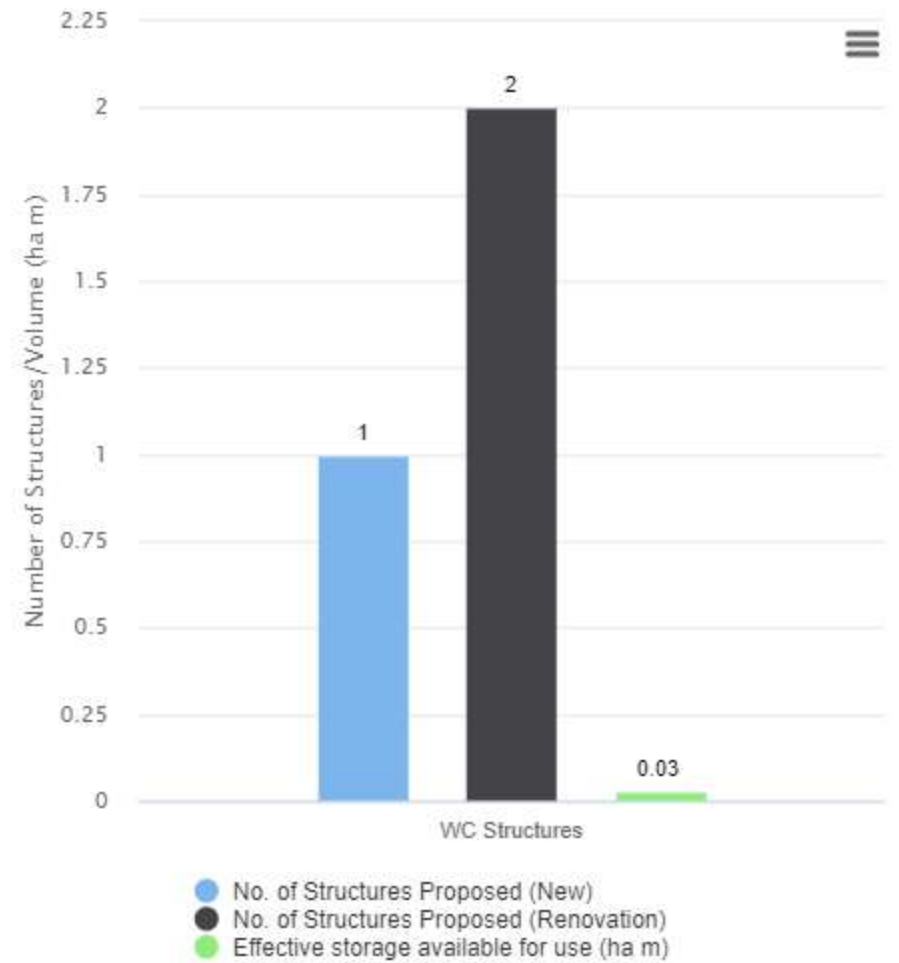
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
	Total	0				0.0000



Supply Side (Artificial Recharge Structures)



Supply Side (Water Conservation Structures)



PGWM Committee

PGWM Committee (VWSC/WUA/CBO)

Sr.no	Name	Designation	Gender	Mobile /Landline No.
1	PARAMJEET Singh	Secretary	Male	9991987019
2	Pardeep kumar	JE	Male	9416562303
3	Shiv kumar	Panch	Male	9813086151
4	Sapna	MEMBER	Female	8295105007
5	Sudesh	Asha worker	Female	7027824196
6	Satya devi	MEMBER	Female	9991172675
7	DARSHAN LAL	JE phed	Male	8950498069
8	Nirmal	Panch	Male	9991172675
9	Kuldeep singh	Sarpanch	Male	9416920041
10	Santosh	Panch	Female	9996755181
11	Rajbir	MEMBER	Male	9416733875

Details of PGWM Meeting in which resolution was passed

Sr.no	State	District	Block	Gram Panchayat	Date	GP Name	Village Name	Meeting Location	Male	Female	Transgender	Total number of attendees
1	Haryana_6	Kurukshetra_68	Shahbad_520	Dhola Majra_31316	2024-02-15	Dhola Majra_31316	Dhola Majra (244)	Aanganwadi	7	24	0	31

Photograph



Latitude: 30.116236
Longitude: 76.858086
Elevation: 266.41±5 m
Accuracy: 5.6 m
Time: 02-15-2024 12:37
Note: Village DHOLA MAJRA WSP MEETING- BLOCK SBD |


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DPMU DECLARATION


I, Er. Arvind Kaushik Superintending Engineer Cum-Nodal officer, authorized representative under District Program Management Unit (DPMU) declare that the WSP of Ahela nagra Gram Panchayat, chahabad Block/Taluk Kurukshetra District has been updated by including additional interventions.

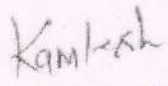
The updation has been informed to the community/committee at GP level.


Superintendent Engineer
Cum Nodal Officer, ABY
Sarasvati Heritage Circle,
Kurukshetra

Seal and Signature of authorized DPMU Official:

Date: 29 February, 2024

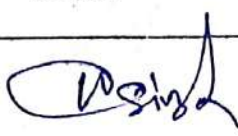

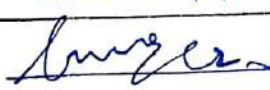

IEC Expert
DPMU, Atal Bhujal Yojana
Kurukshetra


Groundwater Expert
DPMU, Atal Bhujal Yojana,
Kurukshetra

RESOLUTION

Date: 15/2/2021

It is hereby resolved that the Water Budget/ Water Security Plan (WSP) of Gram Panchaya DHOLA MAJRA Block/Taluk/Mandal Shahabad (M.) District-Kurukshetra, State-Haryana is complete in all respect and has been prepared through consultative process including the members of Village Water and Sanitation Committee (VWSC) /equivalent Committee and was approved in the meeting held on 15/2/2021

Sr. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting		Sarpanch  Gram Panchayat Dhola Majra Block Shahabad (M.) (KKR.)
2	Gram Panchayat Secretary	Rajwinder Singh	

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 जीवा लीला मालती मे निरुद्ध देव अस्मिन्

श्री





ATAL BHUJAL YOJANA

Irrigation And Water Resource Department, Haryana

Attendance Sheet

15/2/24



Village: DHOLA MAJRA Meeting Place: ALOW

Block: Shahabad. m

District: Kurukshetra

S. No	Name	Gender	Category	Occupation	Are You Member of any Committee	Mobile No.	Signature
1.	अरुण	F	BC	How	No	9896784809	अरुण
2.	सतीश	F	OBC	Member	Yes VWSC	9996751817	सतीश
3.	Kuldeep	M	Gen	Farmer	No	9416920041	Kuldeep
4.	Sudesh	F	SC	worker	Yes VWSC	7027824196	Sudesh
5.	Rajbeer	M	OBC	Member	Yes VWSC	9416733875	Rajbeer
6.	Sapna	F	SC	Member	Yes VWSC	8295105007	Sapna
7.	Keush	M	Gen	Farmer	No	9416175441	Keush
8.	Shamsher Singh	M	Gen	"	"	9416082462	Shamsher
9.	shiv kumar	M	Gen	"	"	9813086151	Shiv Kumar
10.	Rekha.	F	SC	Housewife	No	7082838506	Reekha
11.	Swali	F	SC	"	No	9588139866	Swali
12.	Rajbeer	M	OBC	Farmer	No	9416733875	Rajbeer
13.	Nirmal kumar	M	Gen	Member	Yes VWSC	9991172675	Nirmal
14.	Veena Rani	F	SC	How	No	9894472888	वेना रानी
15.	Rajni Devi	F	SC	ALOW	Yes VWSC	9306609386	राजनी देवी
16.	Kiran Devi	F	SC	How.	No	989678409.	Kiran



ATAL BHUJAL YOJANA

Irrigation And Water Resource Department, Haryana

Attendance Sheet



DHOLAMAJRA

Village: SHAHABAD (M) Meeting Place: AWW

Block: SHAHABAD (M) District: Kurukshetra

S. No	Name	Gender	Category	Occupation	Are You Member of any Committee	Mobile No.	Signature
17.	Aasha	F	SC	H.W	No	-	Asha
18.	Kusum	F	SC	"	"	-	Kusum
19.	Salya	F	SC	Panch	Yes VWSC	9813995500	Salya
20	Balbeer	M	Gen	Farmer	No	8430306339	Balbeer
21	Bawa	F	SC	H.W	No	"	Bawa
22	Ravi	F	BC	"	"	"	Ravi
23	Sumitra	F	BC	"	"	9813995500	Sumitra
24	Kella Devi	F	BC	"	"	"	Kella Devi
25	Janu Ravi	F	BC	Student	"	"	Janu Ravi
26	Mohi Ravi	F	BC	"	No	8295003177	Mohi Ravi
27	Sarita	F	SC	A.W.W	Yes VWSC	"	Sarita
28	Jyoti Ravi	F	Gen	Teacher	Yes VWSC	"	Jyoti Ravi
29	Babul	F	Gen	Pvt. Teacher	Yes VWSC	"	Babul
30	Priya	F	Gen	Self Employ	Yes VWSC	7027199776	Priya
31	Kajal Ravi	F	Gen	Tailor	No	"	Kajal Ravi

Minutes of Meeting

Village Name :- Dhala Majra

Block :- Shahbad

District :- Kurukshetra

Meeting Place :- Anganwadi

Latitude - 30.11574

Longitude :- 76.85804

Date :- 15-02-2024

Agenda of Meeting Discuss with Members about Atal Bhujal Yojana

अटल भूजल योजना के अंतर्गत दिनांक 15-02-2024 को ग्राम पंचायत Dhala Majra में 'जल सुरक्षा योजना' को उन्नत अर्थात नई-नई जल बचाने की तकनीकों को शामिल करने के लिए DPMU व DIP Team द्वारा एक मीटिंग का आयोजन किया गया। मीटिंग में सभी विधायकों के साथ गाँव के बुजुर्ग लोग, किसान, महिलाओं, VWSA Members, अंगनवाड़ी वरिष्ठ एवं भूजल सहेली आदि मौजूद थे। इस बैठक में ग्रामवासियों को गिरे भूजल को रोकने हेतु छूट, स्प्रिंकलर (फव्वारा) विधि, RWHs और तालाब आदि का इस्तेमाल कैसे भूजल संचयन किया जा सकता है, इसके बारे में जानकारी दी गई। इस मीटिंग का मुख्य उद्देश्य 'जल सुरक्षा योजना' को अपडेट करना है। इसने पहले मीटिंग में बताया गया था कि मीटिंग में ग्रामवासियों, सरपंच, VWSA Members, किसान व भूजल सहेली आदि की उपस्थिति में 'जल सुरक्षा योजना' को अपडेट किया जाएगा। सभी ने भूजल के महत्व को समझा और आश्वासन दिया कि वे भूजल को बचाने में पूरा सहयोग करेंगे।

उन मीटिंग में गाँव के मुखिया ने निम्नलिखित आवश्यकता के बारे में बताया :-

- 1) गाँव में इलेक्ट्रिक वॉटर टैंक एवं RTRWHs बनाए जाएं।
- 2) जौंट्स की जाँच-सफाई कराई जाए।
- 3) MI व DSR जैसी water efficient practices का प्रयोग किया जाए।
- 4) Polyhouse, Net house, CRM, UGPL, Laser Land Levelling आदि सुविधाएँ मुहैया कराई जाएं।

निष्कर्ष:- उपरोक्त सभी बातों को ध्यान में रखते हुए ग्राम पंचायत Dhala Majra की 'जल सुरक्षा योजना' को अपडेट किया गया। इसने सभी उपस्थित ग्रामवासियों, VWSA Members, सरपंच, भूजल सहेली व महिलाओं की सहमति ली।