

Water Security Plan Report

Date : 28-09-2023 Time : 3:21 PM User Name : xen.ataljal@gmail.com

STATE: HARYANA_6 »

DISTRICT: MAHENDRAGARH_69 »

BLOCK: NARNAUL_526 »

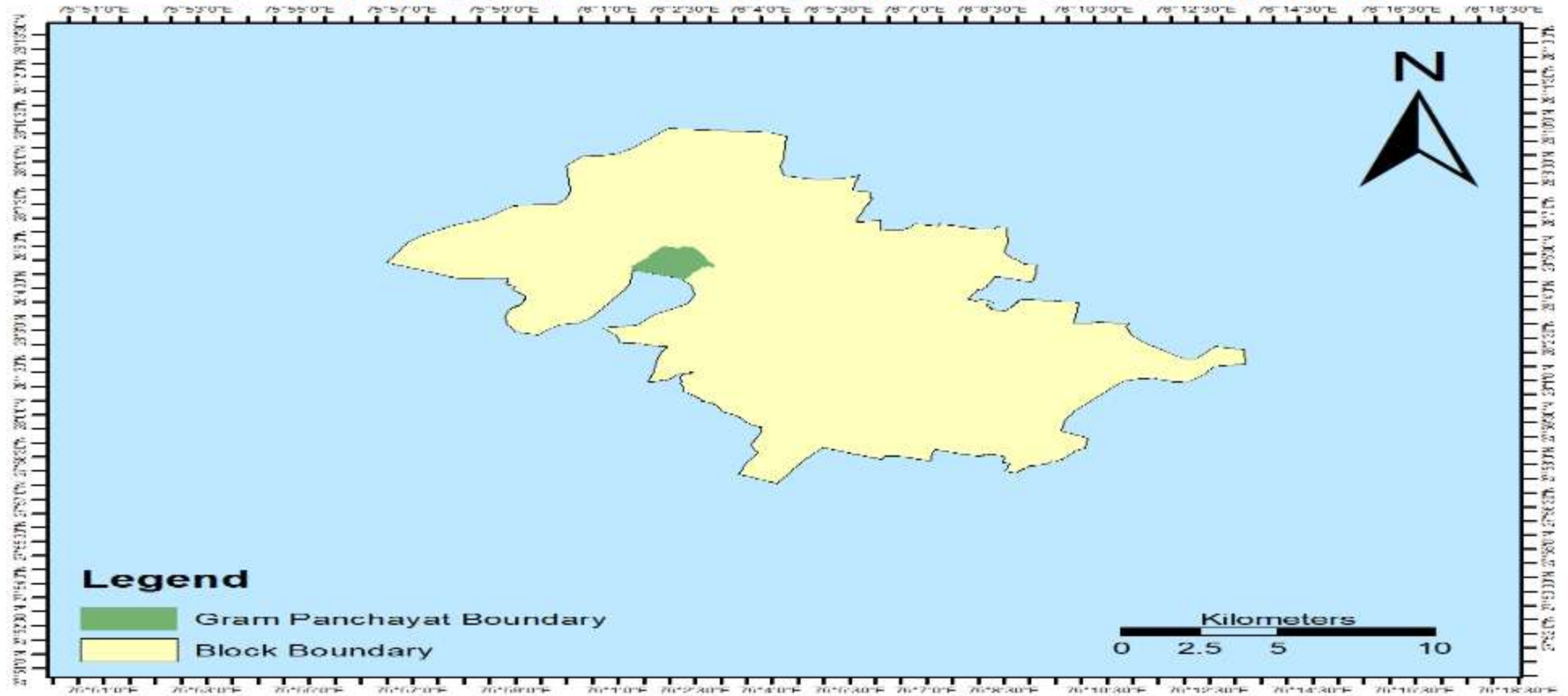
GRAM PANCHAYAT: HAMIDPUR_31718 »

YEAR: 2023-24 »

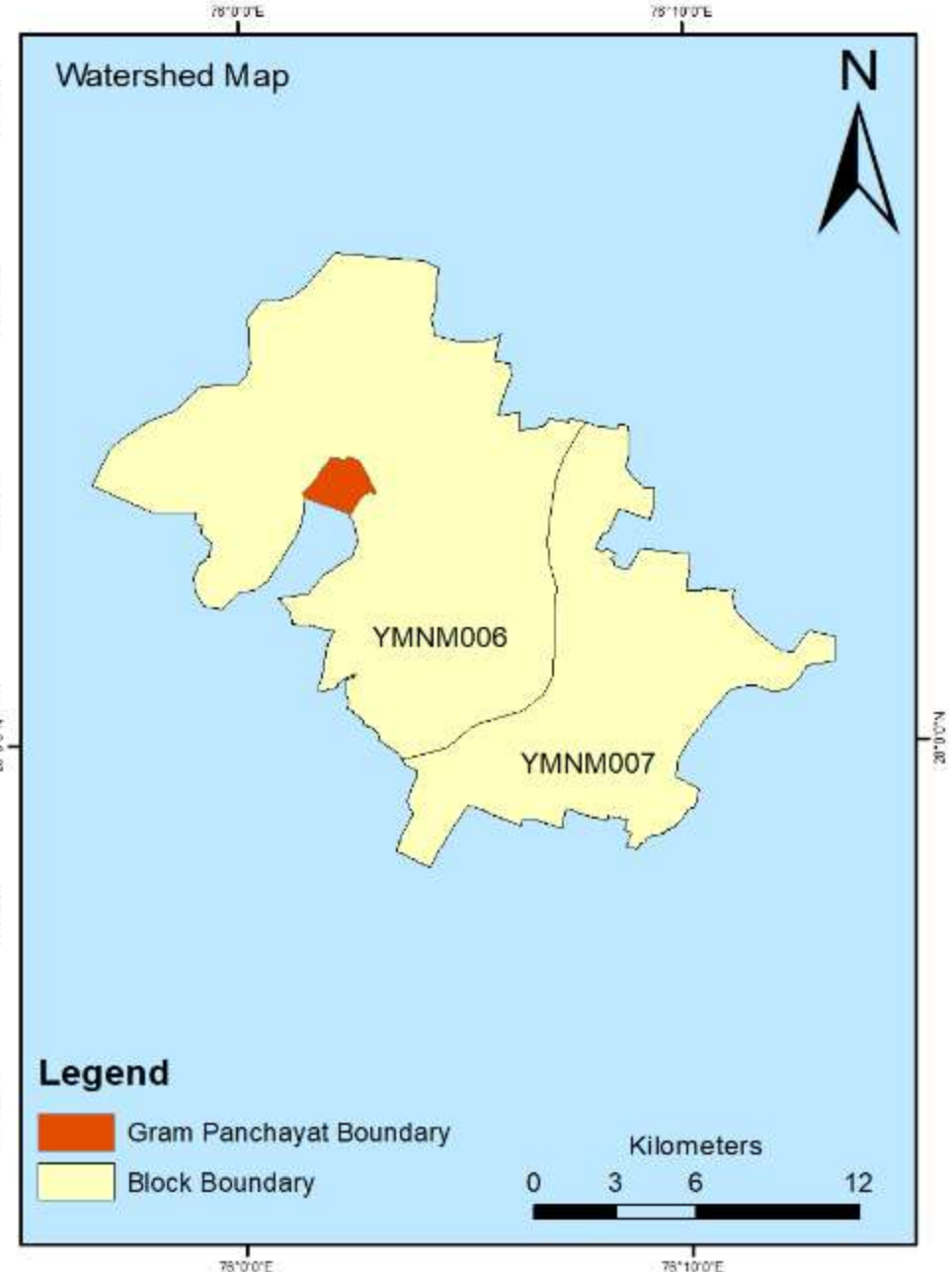
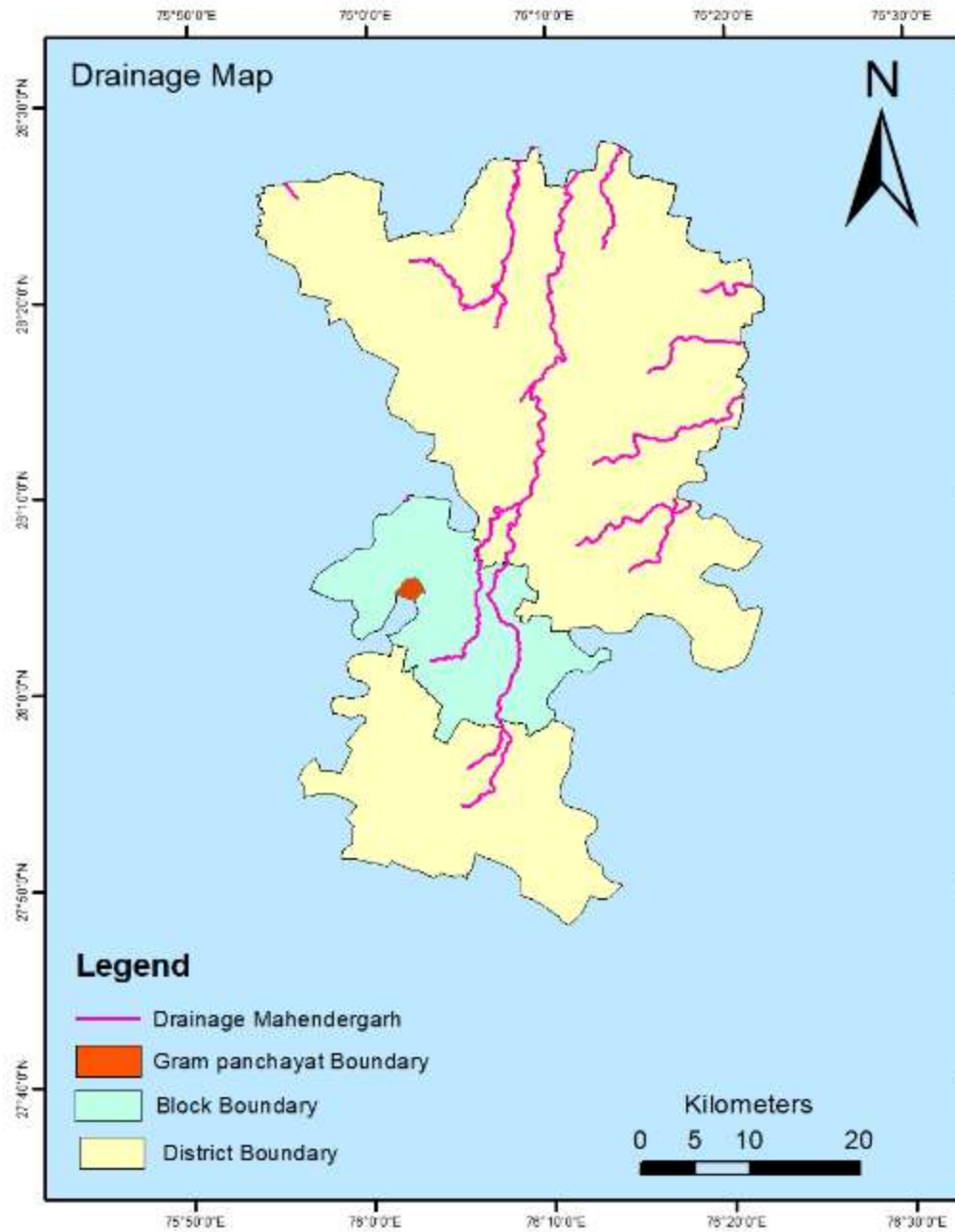
Gram Panchayat Information

State:	Haryana_6	District:	Mahendragarh_69
Block / Taluk :	Narnaul_526	GP Name :	Hamidpur_31718
GP ID :	31718	Block Area (Ha) :	21641.00
GP area (Ha) :	352.00	Watershed Code :	YMNM006
Watershed name :	Yamuna Middle	Watershed area in Block / Taluk (Ha) :	18424.7
Sub-basin Code :	YMNM	Sub basin name :	Yamuna Middle (Confluence with Chambal to Hindon)
Basin Code :	2	Basin Name :	Yamuna

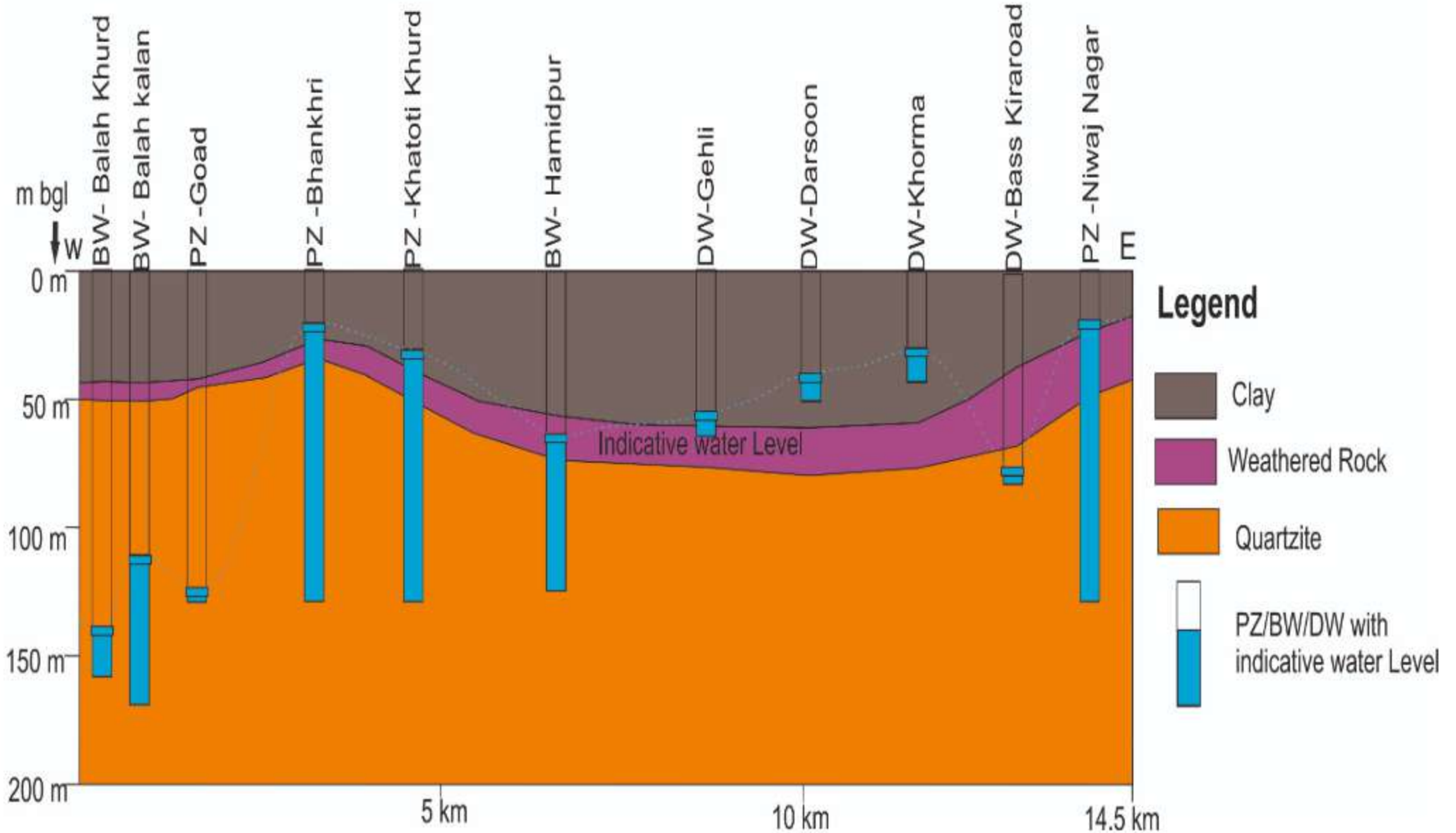
Location Map: Gram Panchayat Hamidpur



Gram Panchayat Hamidpur, Block Narnaul, District Mahendergarh



Conceptual Aquifer map: Village Hamidpur, Block Narnaul, District Mahendergarh



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	Hamindpur	Near flyover	28.09344	76.03613	23-05-23 8	031718-001	Bore Well	null	Private	null	0.15	125	0.3	65.5	23-05-23
	Hamindpur	Near flyover	28.09344	76.03613	23-05-23 8	031718-001	Bore Well	null	Private	null	0.15	125	0.3	65.6	21-06-23
	Hamindpur	Near flyover	28.09344	76.03613	23-05-23 8	031718-001	Bore Well	null	Private	null	0.15	125	0.3	65.5	25-07-23
	Hamindpur	Near flyover	28.09344	76.03613	23-05-23 8	031718-001	Bore Well	null	Private	null	0.15	125	0.3	65.3	22-08-23
	Hamindpur	Near flyover	28.09344	76.03613	23-05-23 8	031718-001	Bore Well	null	Private	null	0.15	125	0.3	65	19-09-23

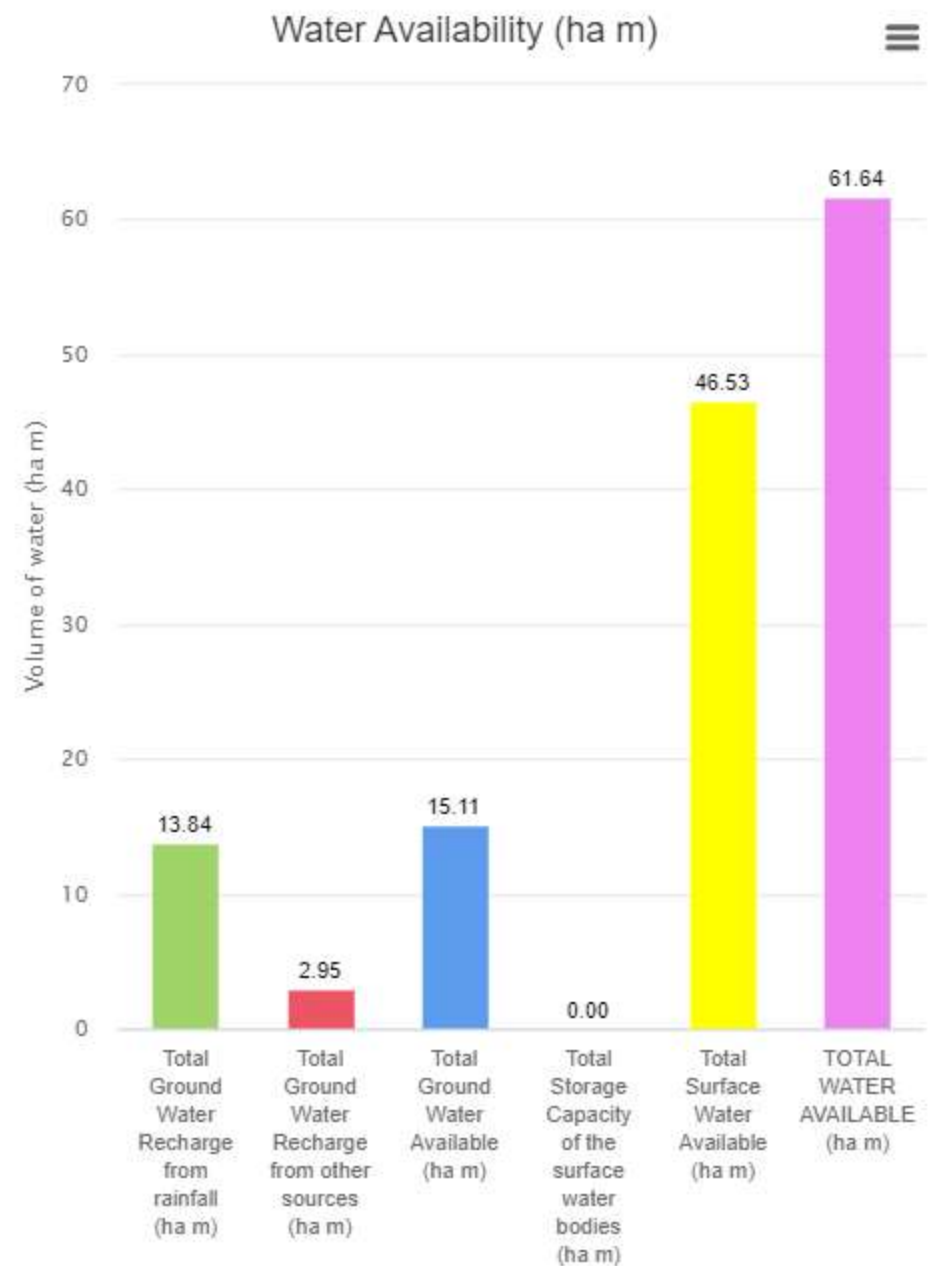
Ground Water Quality

S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	HAMINDPUR	MULCHAND	28.087471	76.03508	2022	Tube Well	I&WRD	T.W_HRY_M.GARH_NARNAUL_HAMINDPUR_001
2	HAMINDPUR	SARDAR SINGH	28.0879	76.044052	2022	Tube Well	I&WRD	T.W_HRY_M.GARH_NARNAUL_HAMINDPUR_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)	Fluor ide (mg/L)
1	TW_HRY_M.GARH_NARNAUL_HAMINDPUR_001	233.229996	UNCONFINED	7.7	1668	1000	236	46.5	29.1	158	0.7	0	279	182	164	0.6
2	TW_HRY_M.GARH_NARNAUL_HAMINDPUR_002	131.710007	UNCONFINED	7.3	1825	1095	271	53.5	33.5	186	0.7	0	293	236	174	0.6

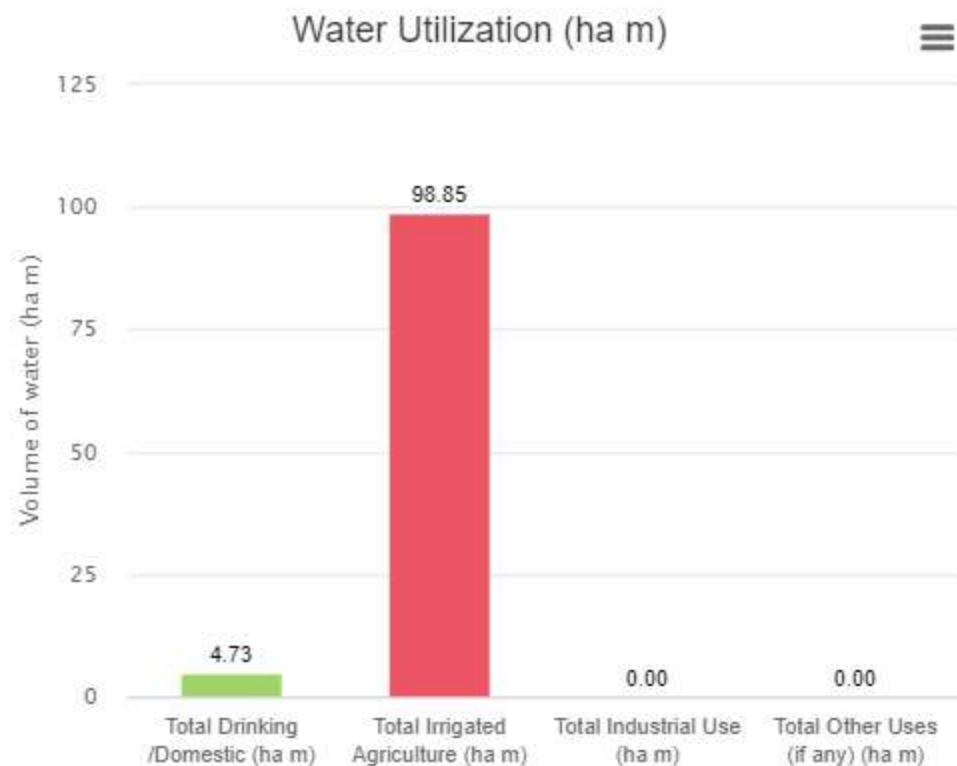
Water Availability Report

Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	684.10
b.	Estimated Volume of Rainfall (ha m)	240.80
c.	Evapotranspiration rate (mm)	390.06
d.	Estimated Evapotranspiration losses (ha m)	137.30
e.	Estimated Water Available From Rainfall (ha m)	103.50
f.	Weighted Average Runoff Coefficient	0.30
g.	Rainfall Runoff(ha m)	31.05
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	10.38
(ii)	Non-Monsoon	3.46
	Total Ground Water Recharge from rainfall (ha m)	13.84
b.	Ground Water Recharge from other sources (ha m)	
(i)	Monsoon	1.14
(ii)	Non-Monsoon	1.81
	Total Ground Water Recharge from other sources (ha m)	2.95
c.	Losses Due to Natural Discharge (ha m)	
	Total Ground Water Available (ha m)	15.11
d.	Ground Water Withdrawal (ha m)	
		16.92
3.	Surface Water	
a.	Surface Water available in storages	
(i)	Number of Surface Water Bodies and Storage Capacity (ha m)	
Type of Structures	No. of Structures	Storage Capacity (ha m)
Ponds	0	0
	Total Storage Capacity of the surface water bodies (ha m)	0.00
(ii)	Losses if Any (%)	
(iii)	Surface Water Available in Storages (ha m)	
		0.00
b.	Transported Water from outside GP area (ha m)	
	Total Surface Water Available (ha m)	46.53
4.	TOTAL WATER AVAILABLE	
	TOTAL WATER AVAILABLE (ha m)	61.64



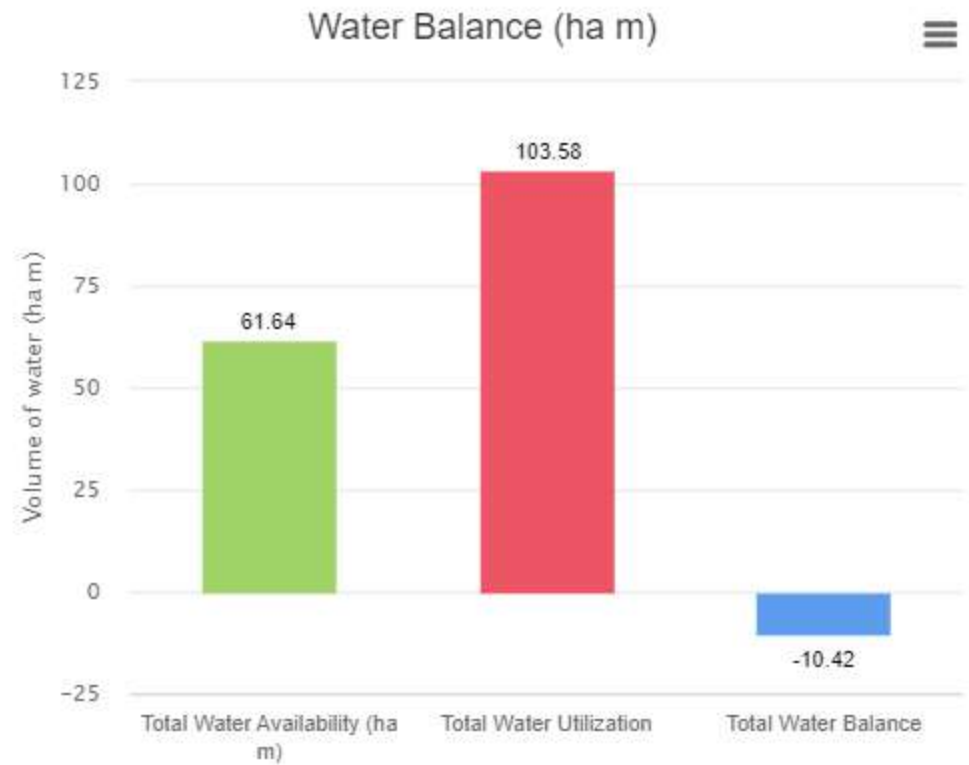
Water Utilization Report

Water Utilization		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	1.56
ii)	From Ground Water	3.17
	Total Drinking /Domestic (ha m)	4.73
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	29.66
ii)	From Ground Water	69.19
	Total Irrigated Agriculture (ha m)	98.85
C	Industrial Use (ha m)	
i)	From Surface Water	0.00
ii)	From Ground Water	0.00
	Total Industrial Use (ha m)	0.00
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



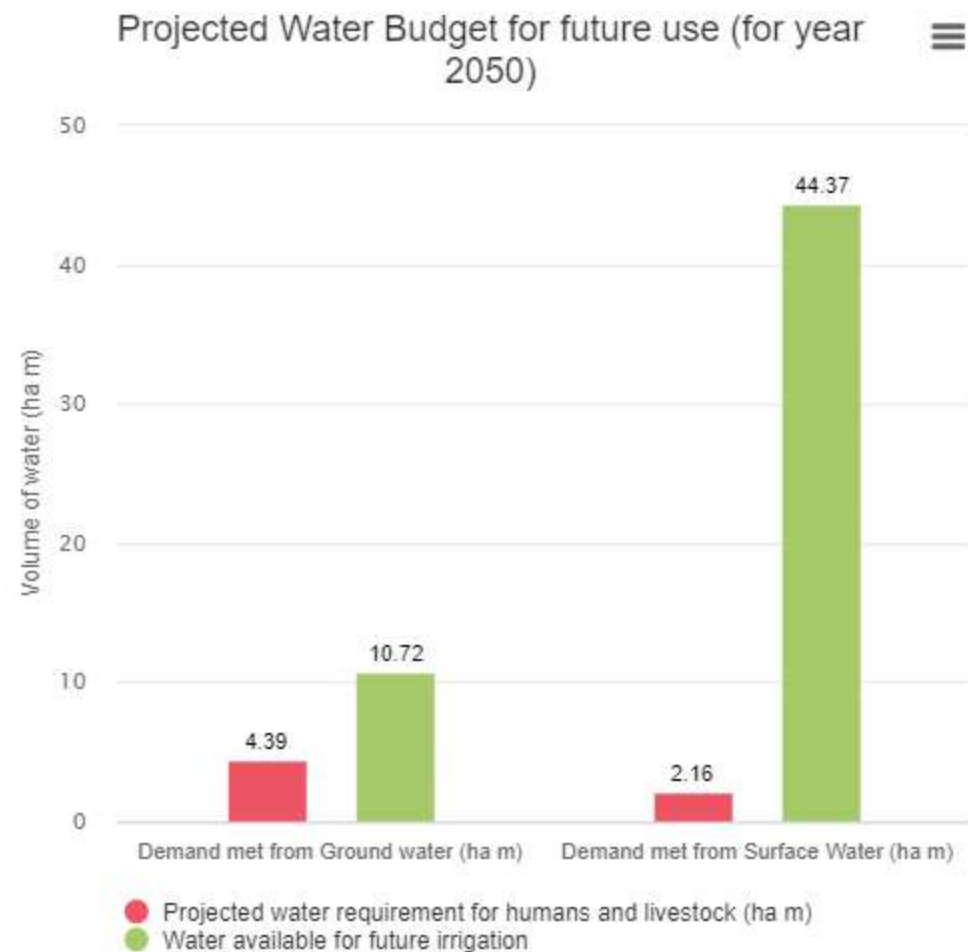
Water Balance Report

Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	15.11
ii)	Total Surface Water Available	46.53
	Total Water Availability (ha m)	61.64
B	Water Utilization (ha m)	
i)	Total Surface Water Utilization	31.22
ii)	Total Ground Water Utilization	72.36
	Total Water Utilization	103.58
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-45.29
ii)	Total Surface Water Balance	34.87
	Total Water Balance	-10.42



Water Budget Report

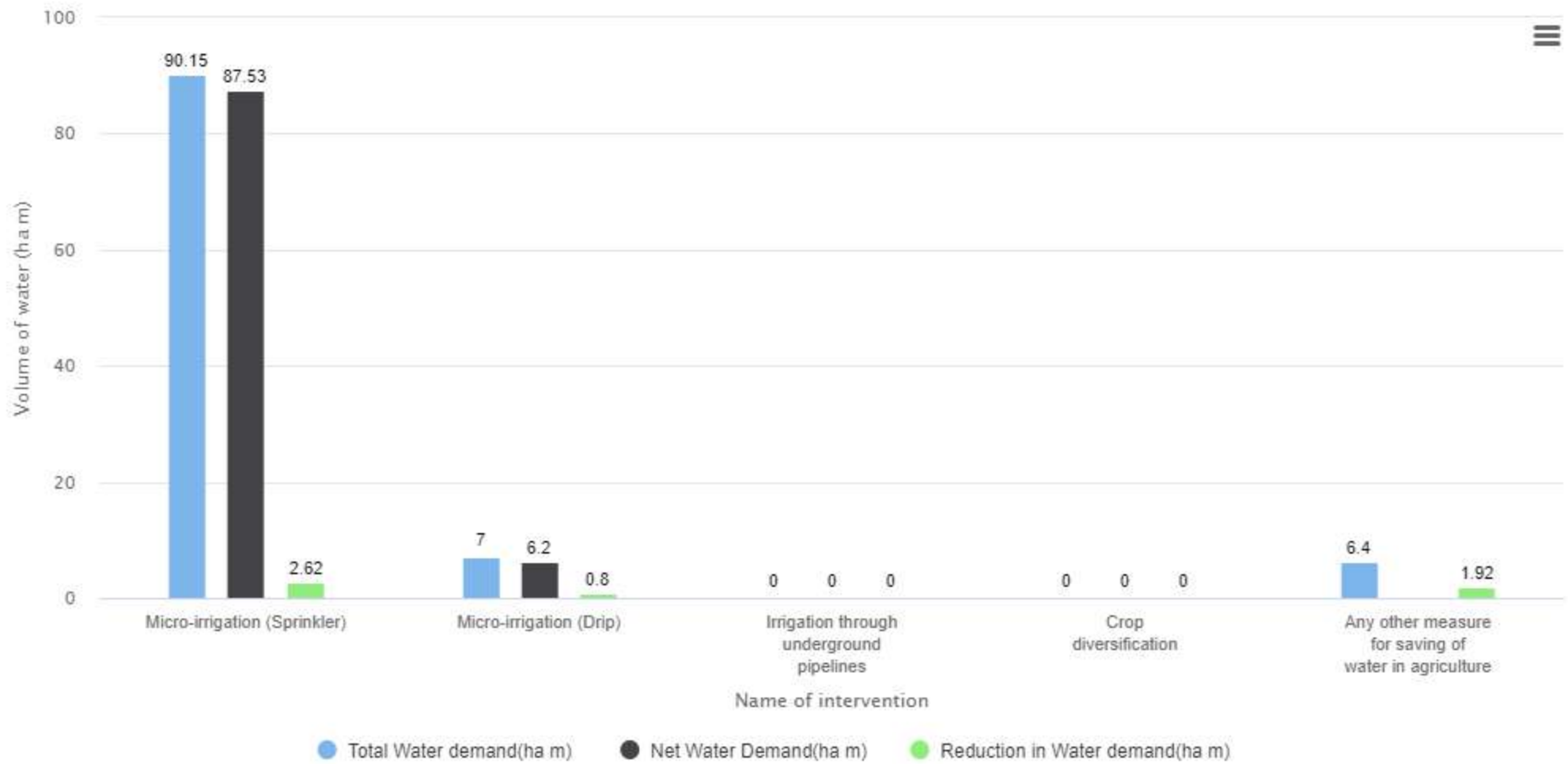
A Allocation for Drinking & Domestic Requirements	
I Humans	
i) Present Human Population	1849.00
ii) Annual population growth rate (r)	1.20
iii) No. of years	28.00
iv) Projected human population (as in 2050)	2582.00
v) Per capita requirement (L)	55.00
vi) Projected water requirement for humans (as in 2050) (ha m)	5.18
II Livestock	
i) Present livestock population	260.00
ii) Annual population growth rate (r)	1.05
iii) No. of years	28.00
iv) Projected livestock population (as in 2050)	348.00
v) Average per capita requirement (L)	107.91
vi) Projected water requirement for livestock (as in 2050) (ha m)	1.37
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)	6.55
i) Proposed share to be met from Ground water (in %)	67.03
ii) Proposed share to be met from Surface water (in %)	32.97
iii) Demand met from Ground water (ha m)	4.39
iv) Demand met from Surface water (ha m)	2.16
C Water available for future irrigation	
i) Ground Water	10.72
ii) Surface water	44.37
iii) Total water available for future irrigation	55.09



Demand Side

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	20.00	90.15	87.53	2.62	4.98
2	Drip	2.00	7.00	6.20	0.80	1.95
3	Pipelines	0.00	0.00	0.00	0.00	0.00
4	Crop Diversification	0	0.00	0.00	0.00	0.00
5	Other Measures	16.00	6.40	--	1.92	0.60
	Total	38.00	103.55	93.73	5.34	7.53

Funding Source						
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
1	Sprinkler	20	2023-24	Agriculture & Farmer Welfare Department	NFSM (National Food Security Mission)	4.98
2	Drip	2	2023-24	MICADA	PMKSY	1.95
3	Other Measures	16	2023-24	Agriculture & Farmer Welfare Department	Other	0.60
	Total	38				7.53

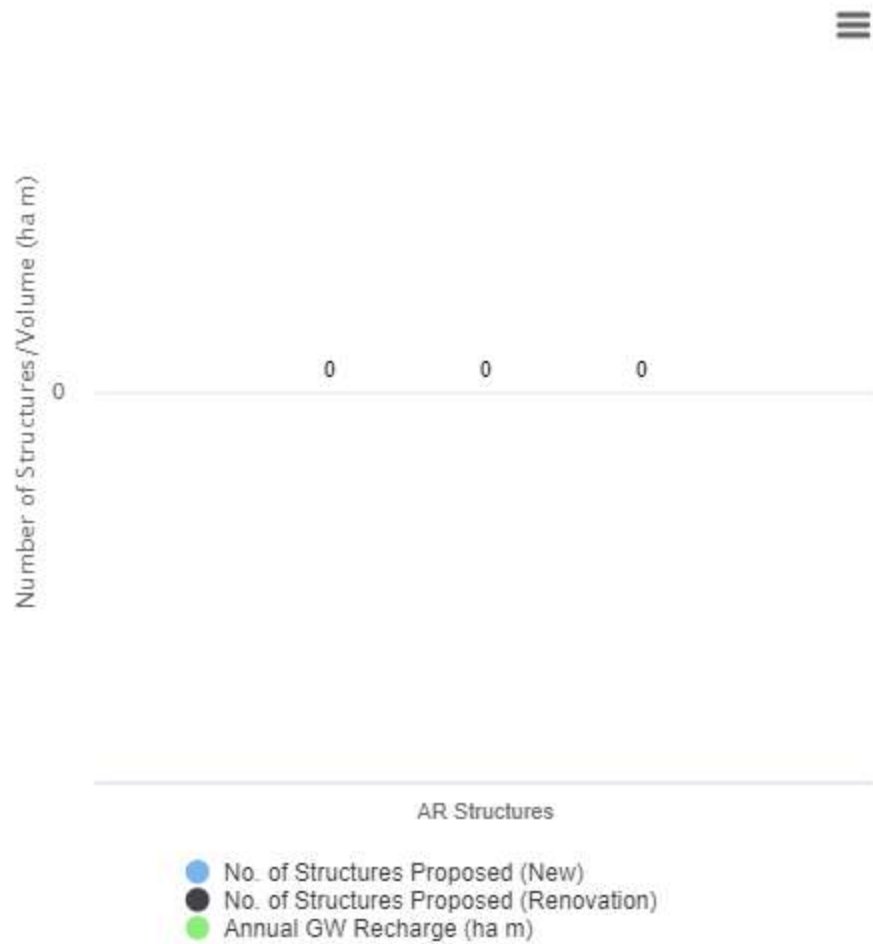


Supply Side

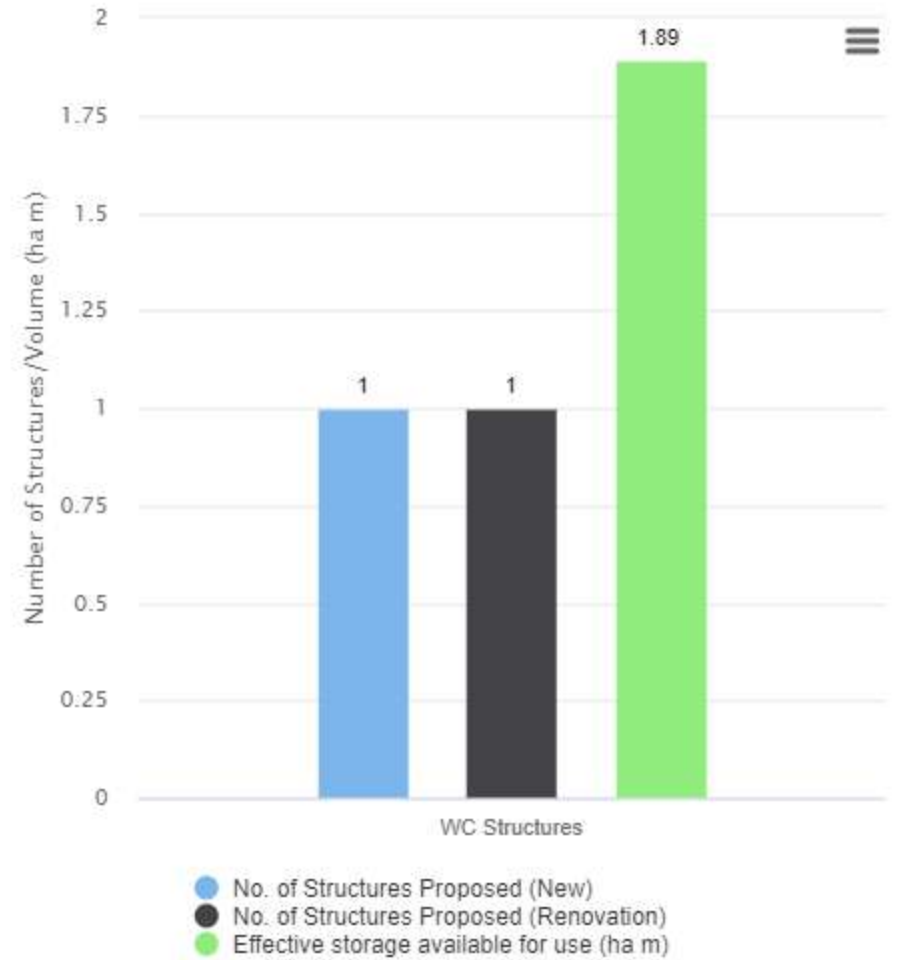
Supply Side (Artificial Recharge Structures)

SR No	Name of Structure	Storage Capacity(ha m)	Annual GW Recharge(ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
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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	HOSHIYAR SINGH	Chairperson	Male	8901438964
2	NISHA KUMARI	Member	Female	9729291656
3	PARMOD KUMAR	Member	Male	8901274895
4	JYOTI	Member	Female	9813746362
5	SUMAN	Member	Female	9817347719
6	MUKESH	Member	Male	9499396550
7	RAJA BAI	Member	Female	8950581194
8	SUSHILA	Member	Female	9992121555
9	SUNIL	Member	Male	9499475739
10	BIRMA DEVI	Member	Female	9578634538
11	JITENDER KUMAR	Member	Male	7083844252
12	PAWAN SINGH	Member	Male	9813746362
13	SATISH	Member	Male	8168711076
14	SANDEEP	Member (JE,Development & panchayat)	Male	7988955321
15	KRISHAN KUMAR	Member (Gram Sachiv)	Male	9728960619
16	RAHUL YADAV	Technical Member (JE,PHED)	Male	9999609906

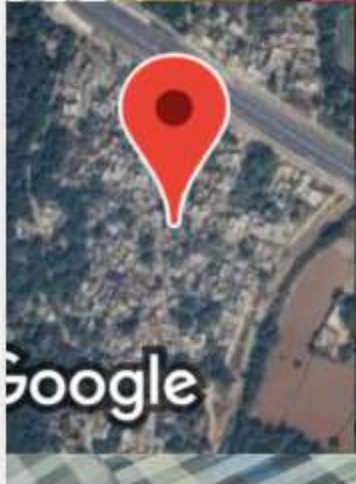
Details of PGWM Meeting in which resolution was passed

Sr.no	State	District	Block	Gram Panchayat	Date	GP Name	Village Name	Meeting Location	Male	Female	Transgender	Total number of attendees
1	Haryana_6	Mahendragarh_69	Narnaul_526	Hamidpur_31718	2023-07-31	Hamidpur_31718	Hamidpur(141)	Govinddass Mandir	14	20	0	34

Photograph



 GPS Map Camera



Hamidpur, Haryana, India

32RQ+98H, Hamidpur, Haryana 123001, India

Lat 28.090766°

Long 76.03843°

31/07/23 01:35 PM GMT +05:30

DPMU DECLARATION

I, Nitin Bhargava (Name), Executive Engineer
(Designation), authorized representative under District Program Management Unit (DPMU)
declare that the WSP of Harnindpur Gram Panchayat, Narnaui Block/Taluk
Mahendragarh District has been updated by including additional interventions.

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

Seal and Signature of authorized DPMU Official:

Date 21/09/2023

Nitin
Executive Engineer
WSP Division
Narnaui

Parag
C. & S. E.

Shree
Jec expert

GW expert

MOM

दिनांक :- 31/07/2023. गांव :- हामीदपुर जिला :- मकैदागढ़
स्थान :- गोविन्ददास मंदिर ब्लॉक :- नारनौल राज्य :- हरियाणा

आज दिनांक 31/07/23 को अटल भूजल योजना की कार्यान्वयन सहभागी टीम (DIP) के जनसम्पर्क विशेषज्ञों (IEC) ने नारनौल ब्लॉक के हामीदपुर ग्राम पंचायत में अटल भूजल योजना की जन बैठक का आयोजन किया। इस जन बैठक में ग्राम पंचायत के सदस्यों, किसानों, आंगनवाड़ी वर्कर्स, एवं महिलाओं ने बड़ा चढ़ा कर भाग लिया। इस जन बैठक में गांव की जन सुरक्षा योजना (WSP-Water Security Plan) के बारे में चर्चा की गई।

Atal Bhujan Yojana MOM Attendance Sheet, Mahendragraha

village Hamindpur

Sr no	Name	Gender •Female •Male •Other	Category •General •OBC •ST •SC	Occupation	Are you a member of any committee? (Yes/No)	If yes, name of the committee	Land holding Status •Landless •<2.5 acre •2.5-5 acre •>5 acre	Date: - 31/07/23 Venue: - <u>जोतिर नगरपालिका</u> Phone no	Signature
1	Patel Singh	M	OBC	labour	No	No	No	985071316	Patel Singh
2	Kasiram	M	OBC	Milari	No	No	No	9812498628	Kasiram
3	Mahender Singh	M	OBC	Farmer	No	No	No	9998822996	महेश्वर
4	Prem Lata	F	OBC	Asst. Teacher	No	No	No	946628122	Prem Lata
5	Vidya Dhar	M	Gen	Labour	No	No	No	9729893192	विद्याधर
6	Binala	F	OBC	MIL	No	No	No	9996374268	बिनाला
7	Suman	F	OBC	Asst. Teacher	No	No	No	9813347719	Suman
8	Mahin	F	OBC	MIL	No	No	No	9813101214	महेश्वर
9	Subhash	M	OBC	Farmer	No	No	No	8930304515	सुभाष
10	Nashya	F	OBC	MIL	No	No	No	9416606428	Nashya
11	Bhathi	F	OBC	MIL	No	No	4 Hg	9996529996	भथी
12	Prem Lata	F	OBC	MIL	No	No	2 Hg	9996522996	प्रेम लता
13	Madhi	F	OBC	MIL	No	No	1 Hg	9050126888	मोक्षि
14	Jyoti	F	OBC	MIL	No	No	2 Hg	9050126588	Jyoti
15	Pinkhi	F	OBC	MIL	No	No	2 Hg	7088846834	Pinkhi
16	Chatalal	M	OBC	Farmer	No	No	7 Hg	9088846834	शुद्धल
17	Narasingh	M	OBC	Farmer	No	No	1 Hg	8298643870	नरसिंह
	Meenu	F	OBC	MIL	No	No	2 Hg	8298643870	मीनू

ANNEXURE III

RESOLUTION

Date: 31/07/2023

It is hereby resolved that the Water Budget/ Water Security Plan (WSP) of हमिदपुर Gram Panchayat, नारवल Block/Taluk/Mandal, मिहनागर District, हरियाणा State 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 31/07/2023

S. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting	होशियार (सरपंच)	<u>सरपंच</u> <u>होशियार</u>
2	Gram Panchayat Secretary	कृष्ण कुमार (978960619)	<u>K. Kumar</u>

दि: 31/07/2023

प्रस्ताव (RESOLUTION)

स्थान: गोविन्द दास मन्दिर

गाँव :- हमीदपुर

जिला :- महेंद्रगढ़

ब्लॉक/खण्ड :- नारनौल

राज्य : हरियाणा

आज दिनांक 31/07/2023 को अहल भूजल योजना की जिम्मा

कार्यान्वयन सहभागी टीम (DIP) के जनसंपर्क विशेषज्ञ (IEC) ने नारनौल ब्लॉक के हाजीपुर गाँव में उस्ताव (Reduction) के लिए जल बँठक का आयोजन किया गया। इस जल बँठक में गाँव के कुछ धरिष्ठ किसान, महिलाएँ एवं ग्राम जल स्वच्छता समिति (VWSC) के सदस्यों ने अपनी सहभागिता दिखाई। जल बँठक के प्रारम्भ में पिछली जल बँठक का जिक्र करते हुये भूजल स्तर (water level) बढ़ाने हेतु जो सुझाव गाँव वाली ने बताये, उनको गाँव की जल सुरक्षा योजना (WSP) में उाला गया। ई के निम्नलिखित प्रकार से है :-

- 1) गाँव के कुछ जोहड़ों (Ponds) की साफ-सफाई, छाई एवं उनका निर्गोच्छार (Removal) किया जाये।
- 2) गाँव के सुखे हुए जोहड़ों (Ponds) को नहर से जुड़ावाया जाये एवं प्रत्येक महीने नहरी पानी उलवाया / छुड़ावाया जाये।
- 3) गाँव के नहरों द्वारा जोड़े गये जोहड़ों (Ponds) में गैर रिचार्ज बोरे (Recharge bore) बनवाये जाये जिन रिचार्ज बोरो की गहराई उस गाँव के चबू (underground water level) तक करवाई जाये।
- 4) गाँव के राजकीय / सरकारी स्कूल में रेनवाटर हारवेस्टिंग सिस्टम (Rainwater Harvesting) बनवाये जाये।

Atal Bhuishiksha Yojana MOM Attendance Sheet, Mahendragraha

Date-09

village Hamindpur

Sr no	Name	Gender •Female •Male •Other	Category •General •OBC •ST •SC	Occupation	Are you a member of any committee? (Yes/No)	If yes, name of the committee	Land holding Status •Landless •<2.5 acre •2.5-5 acre •>5 acre	Date? - 31/07/23 Venue - <u>जोतिष दातामहाराज</u> Phone no	Signature
1	Patel Singh	M	OBC	labour	No	No	No	985074316	Patel Singh
2	Kasiram	M	OBC	Milari	No	No	No	9812498628	Kasiram
3	Mahender Singh	M	OBC	Farmer	No	No	No	9998822996	महेश सिंह
4	Prem Lata	F	OBC	Asst. worker	No	No	No	946628122	Prem Lata
5	Vidya Dhar	M	Gen	Labour	No	No	No	9729893192	विद्याधर
6	Binala	F	OBC	MIL	No	No	No	9996374268	बिनाला
7	Suman	F	OBC	Asst. worker	No	No	No	9813347719	Suman
8	Mahin	F	OBC	MIL	No	No	No	9813101214	महेश
9	Subhash	M	OBC	Farmer	No	No	No	8930304515	सुभाष
10	Nashya	F	OBC	MIL	No	No	No	9416606428	Nashya
11	Bhathi	F	OBC	MIL	No	No	4 Hg	9996529996	भथी
12	Prem Lata	F	OBC	MIL	No	No	2 Hg	9996522996	प्रेम लता
13	Madhi	F	OBC	MIL	No	No	1 Hg	9050126888	मोक्षी
14	Jyoti	F	OBC	MIL	No	No	2 Hg	9050126588	Jyoti
15	Pinkhi	F	OBC	MIL	No	No	2 Hg	7088846834	Pinkhi
16	Chatal	M	OBC	Farmer	No	No	7 Hg	9088846834	शतल
17	Narain Singh	M	OBC	Farmer	No	No	1 Hg	8298643870	नरसिंह
	Meenu	M	OBC	MIL	No	No	2 Hg	8298643870	मीनू

