

Water Security Plan Report

Date : 29-09-2023 Time : 3:50 PM User Name : xen.ataljal@gmail.com

STATE: HARYANA_6 »

DISTRICT: MAHENDRAGARH_69 »

BLOCK: NARNAUL_526 »

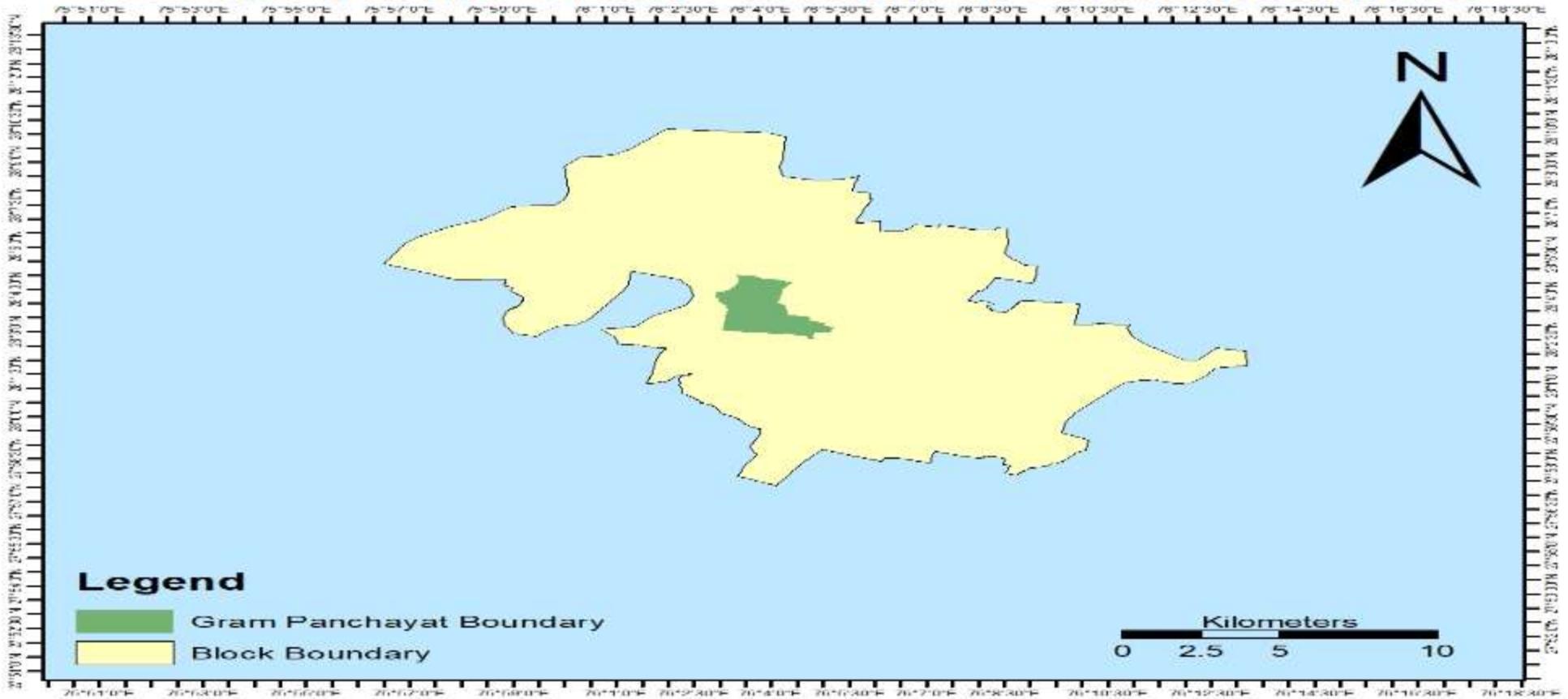
GRAM PANCHAYAT: RAGHUNATHPURA_31739 »

YEAR: 2023-24 »

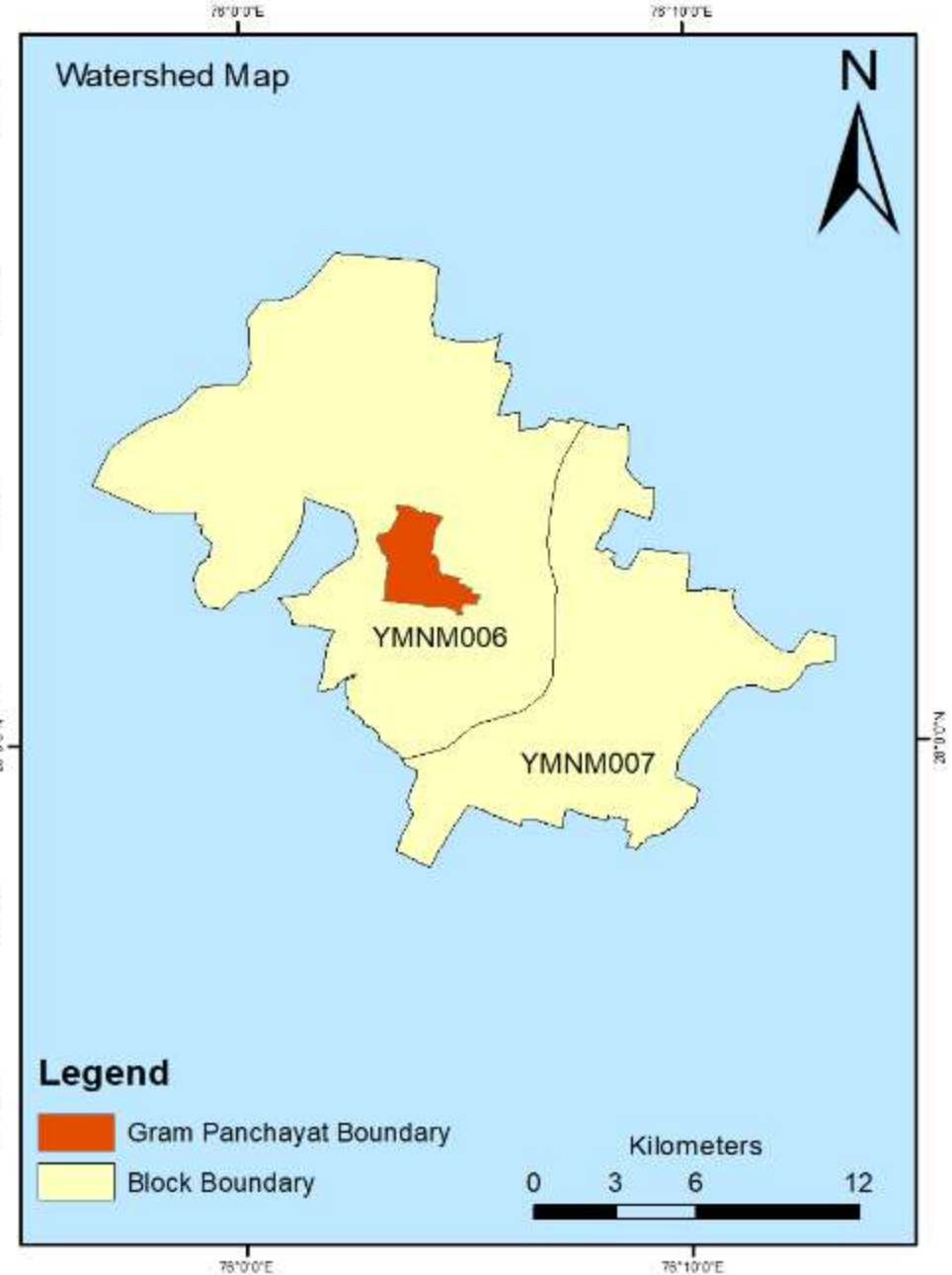
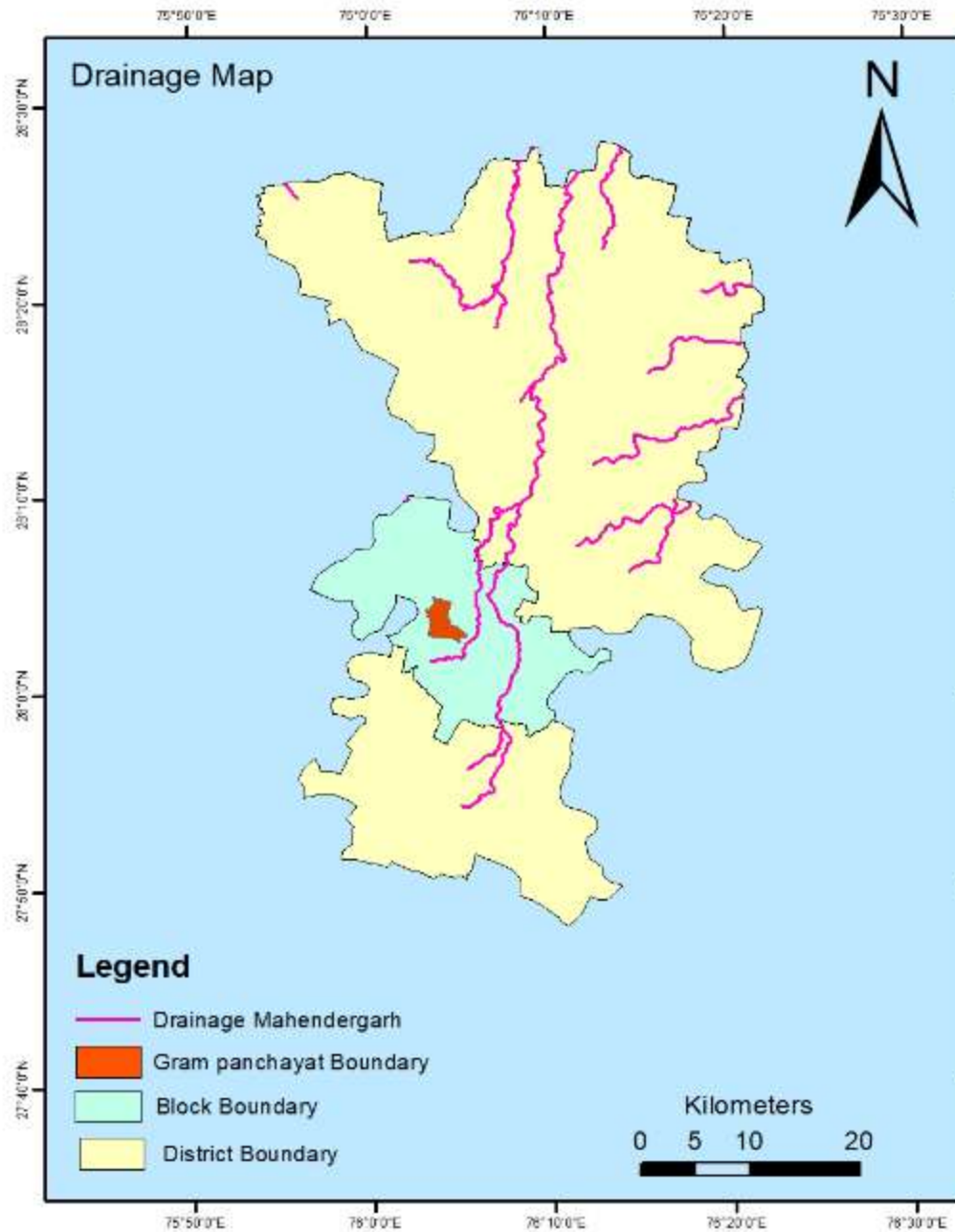
Gram Panchayat Information

State:	Haryana_6	District:	Mahendragarh_69
Block / Taluk :	Narnaul_526	GP Name :	Raghunathpura_31739
GP ID :	31739	Block Area (Ha) :	21641.00
GP area (Ha) :	810.00	Watershed Code :	YMNM006
Watershed name :	Yamuna Middle (Confluence with Chambal to Hindon)	Watershed area in Block / Taluk (Ha) :	18424.70
Sub-basin Code :	YMNM	Sub basin name :	Yamuna Middle (Confluence with Chambal to Hindon)
Basin Code :	2	Basin Name :	Yamuna

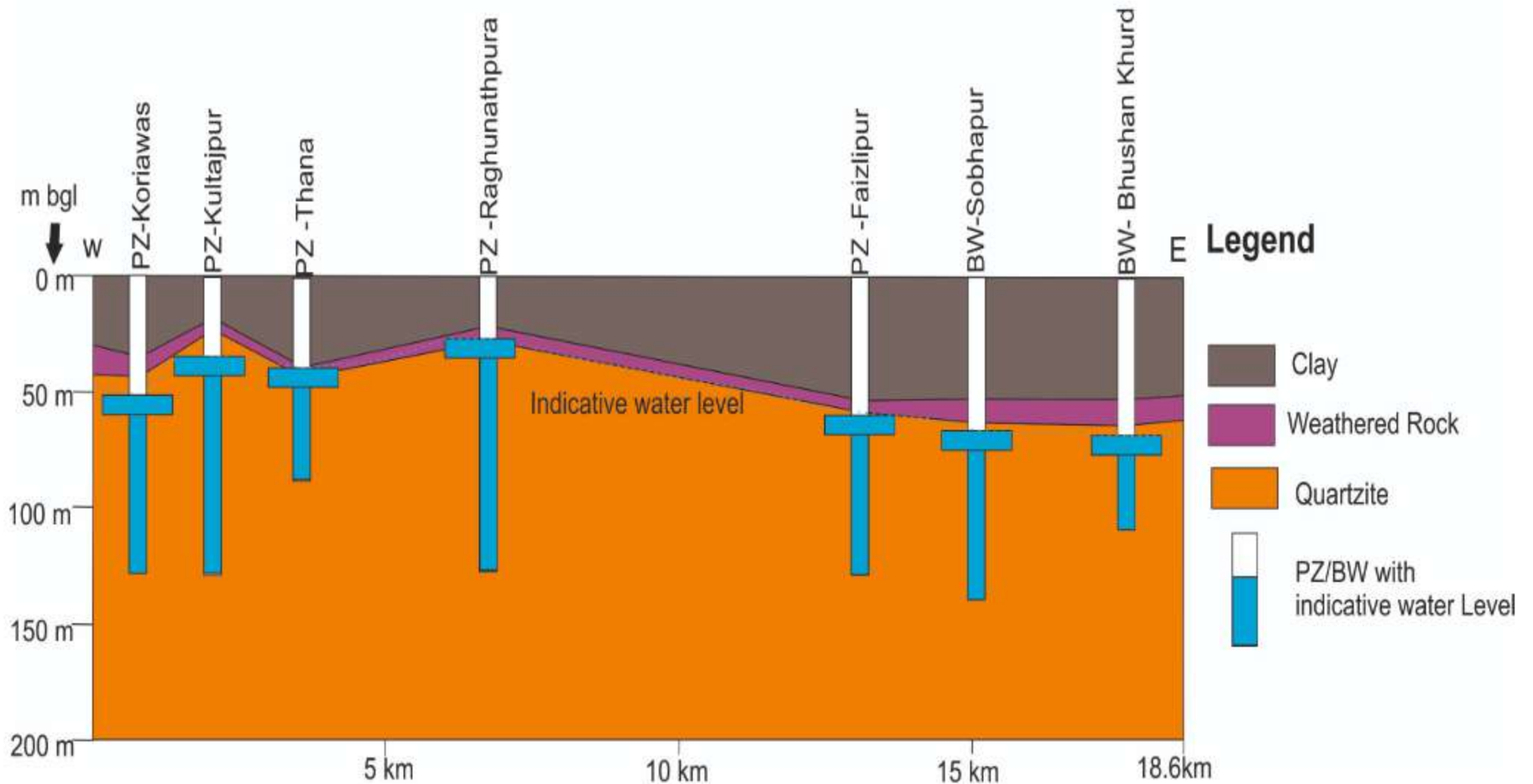
Location Map: Gram Panchayat Raghunathpura



Gram Panchayat Raghunathpura, Block Narnaul, District Mahendergarh



Conceptual Aquifer map: Village Raghunathpura, 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	Raghunathpura	Govt school	28.07383	76.06947	03:02.9	031739-001	Piezometer	null	Government	SGWB	0.1	130	0.5	29.7	25-07-23
	Raghunathpura	Govt school	28.07383	76.06947	03:02.9	031739-001	Piezometer	null	Government	SGWB	0.1	130	0.5	29.5	22-08-23
	Raghunathpura	Govt school	28.07383	76.06947	03:02.9	031739-001	Piezometer	null	Government	SGWB	0.1	130	0.5	29.65	21-06-23
	Raghunathpura	Govt school	28.07383	76.06947	03:02.9	031739-001	Piezometer	null	Government	SGWB	0.1	130	0.5	29.7	25-05-23
	Raghunathpura	Govt school	28.07383	76.06947	03:02.9	031739-001	Piezometer	null	Government	SGWB	0.1	130	0.5	29.8	26-04-23
	Raghunathpura	Govt school	28.07383	76.06947	03:02.9	031739-001	Piezometer	null	Government	SGWB	0.1	130	0.5	29.2	27-09-23

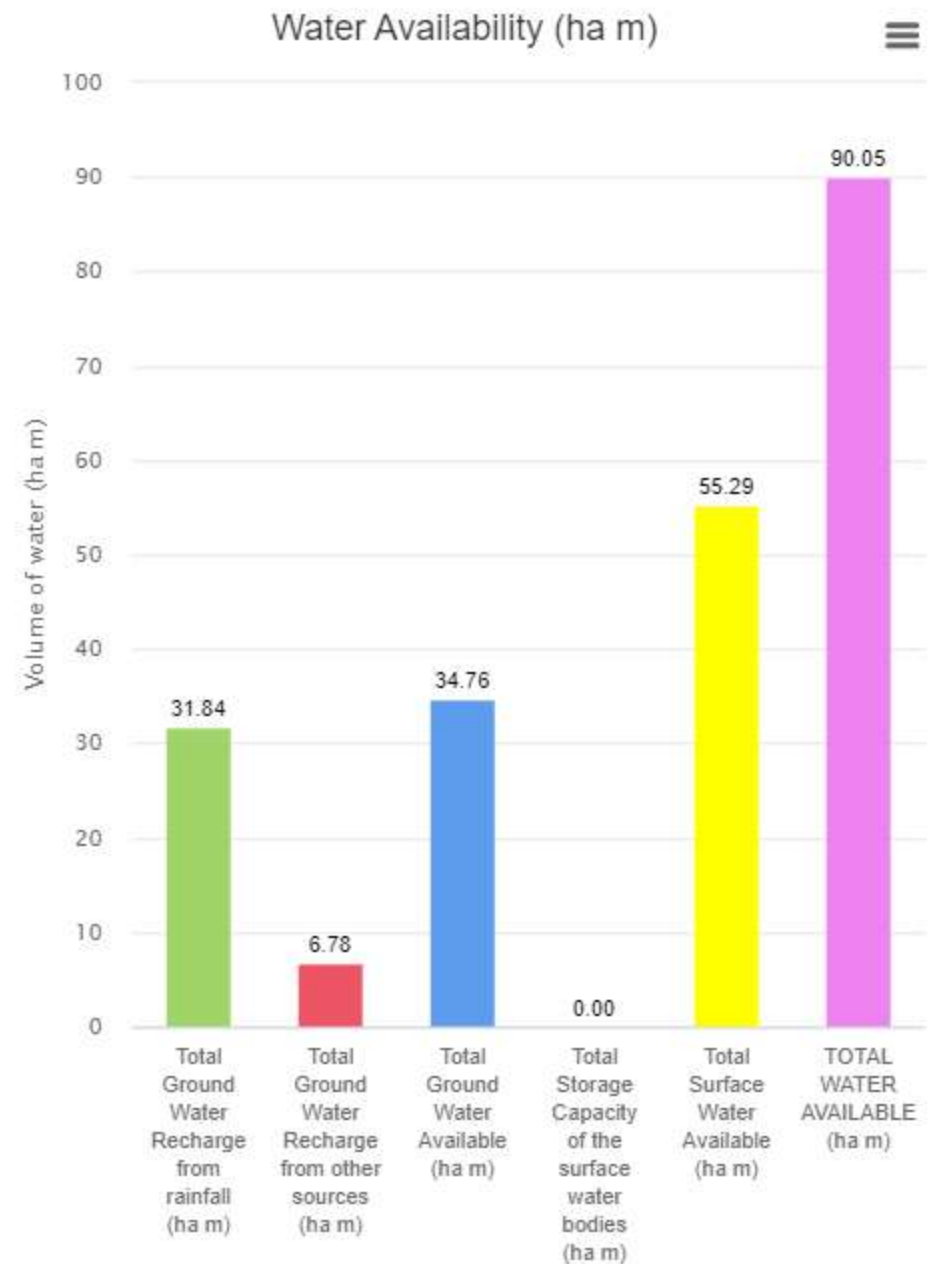
Ground Water Quality

S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	RAGHUNATHPURA	HANSRAJ	28.049551	76.067894	2022	Tube Well	I&WRD	T.W_HRY_M.GARH_NARNAUL_RAGHUNATHPURA_001
2	RAGHUNATHPURA	RAJKUMAR	28.072771	76.056694	2022	Tube Well	I&WRD	T.W_HRY_M.GARH_NARNAUL_RAGHUNATHPURA_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)
1	TW_HRY_M.GARH_NARNAUL_RAGHUNATHPURA_001	213.410004	UNCONFINED	7.8	2200	1280	212	27.2	35	135	2	0	412	310	358
2	TW_HRY_M.GARH_NARNAUL_RAGHUNATHPURA_002	205.789993	UNCONFINED	7.9	2832	1689	244	25.6	43.7	188	2.1	0	456	388	521

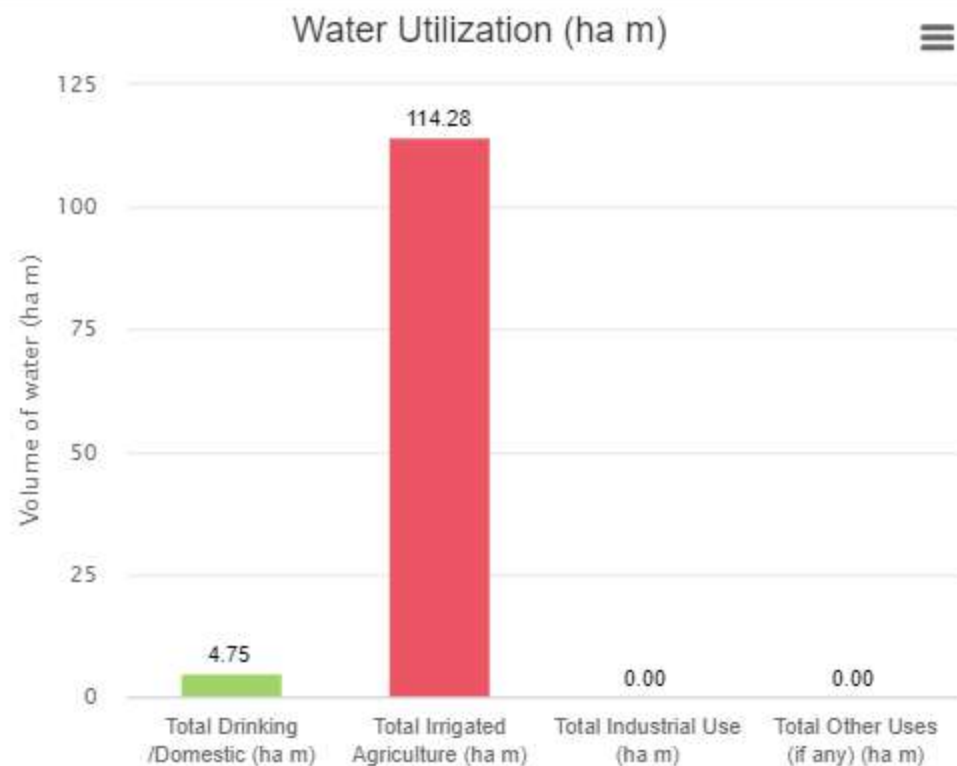
Water Availability Report

Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	684.10
b.	Estimated Volume of Rainfall (ha m)	554.12
c.	Evapotranspiration rate (mm)	390.06
d.	Estimated Evapotranspiration losses (ha m)	315.95
e.	Estimated Water Available From Rainfall (ha m)	238.17
f.	Weighted Average Runoff Coefficient	0.30
g.	Rainfall Runoff(ha m)	71.45
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	23.88
(ii)	Non-Monsoon	7.96
	Total Ground Water Recharge from rainfall (ha m)	31.84
b.	Ground Water Recharge from other sources (ha m)	
(i)	Monsoon	2.62
(ii)	Non-Monsoon	4.16
	Total Ground Water Recharge from other sources (ha m)	6.78
c.	Losses Due to Natural Discharge (ha m)	
	Total Ground Water Available (ha m)	34.76
d.	Ground Water Withdrawal (ha m)	
		38.93
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)	55.29
4.	TOTAL WATER AVAILABLE	
	Total WATER AVAILABLE (ha m)	90.05



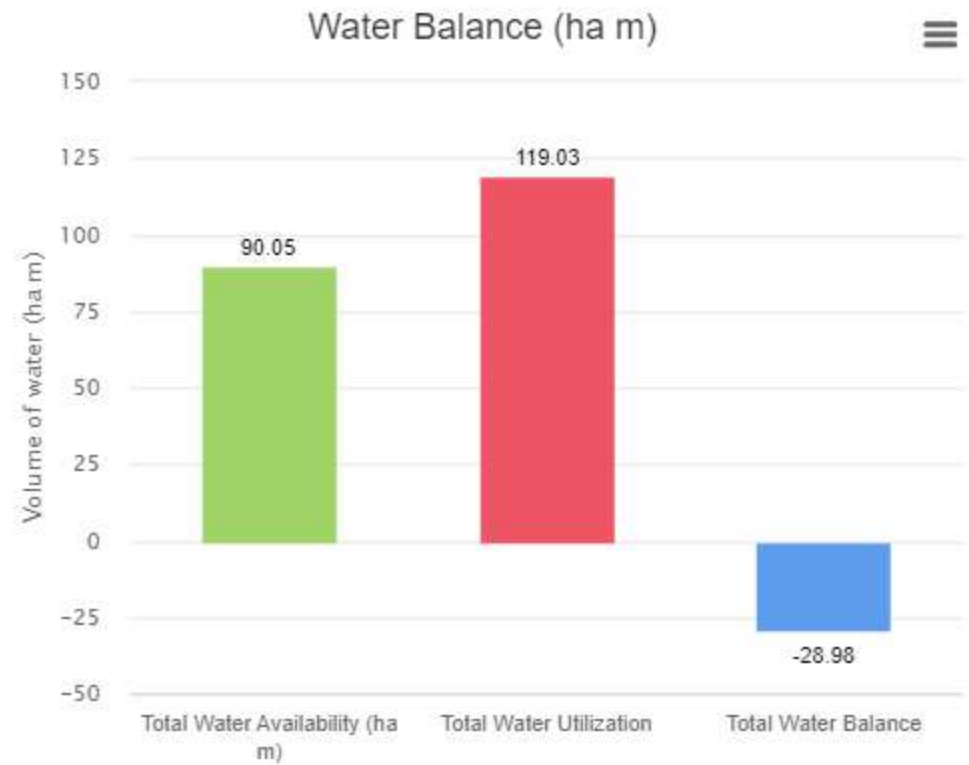
Water Utilization Report

Water Utilization		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	1.92
ii)	From Ground Water	2.83
	Total Drinking /Domestic (ha m)	4.75
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	45.71
ii)	From Ground Water	68.57
	Total Irrigated Agriculture (ha m)	114.28
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



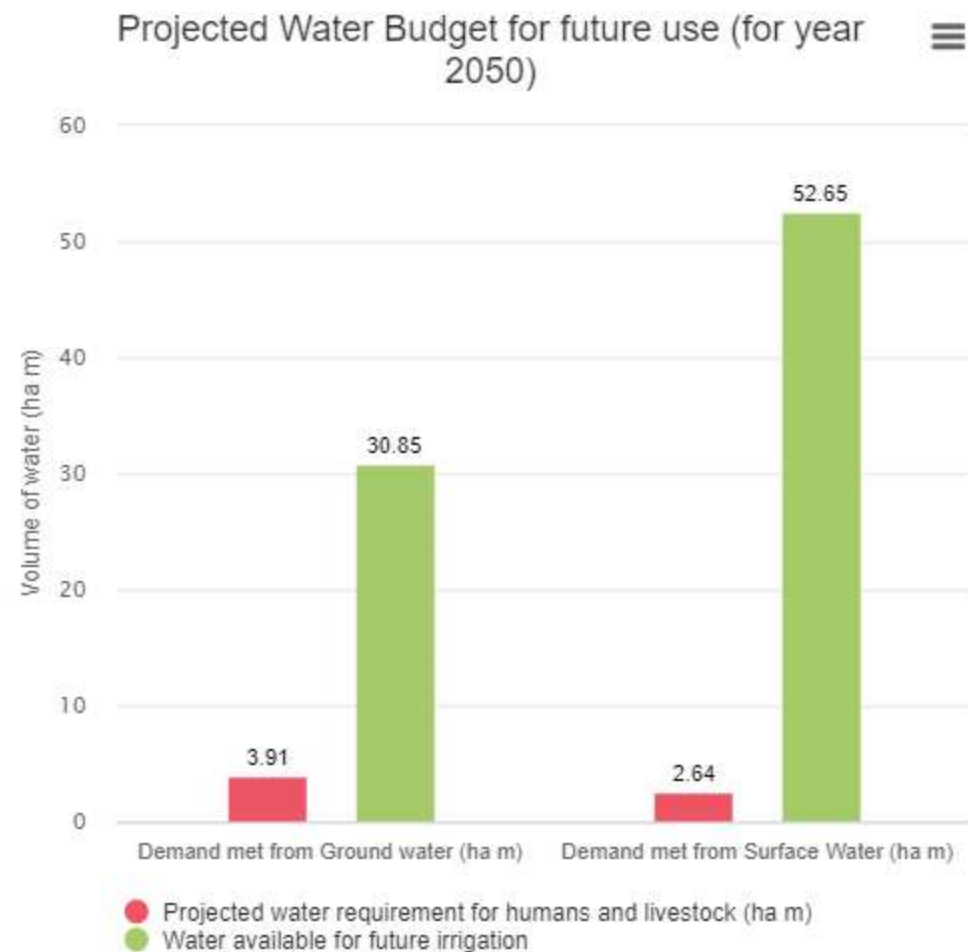
Water Balance Report

Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	34.76
ii)	Total Surface Water Available	55.29
	Total Water Availability (ha m)	90.05
B	Water Utilization (ha m)	
i)	Total Surface Water Utilization	47.63
ii)	Total Ground Water Utilization	71.4
	Total Water Utilization	119.03
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-36.64
ii)	Total Surface Water Balance	7.66
	Total Water Balance	-28.98



Water Budget Report

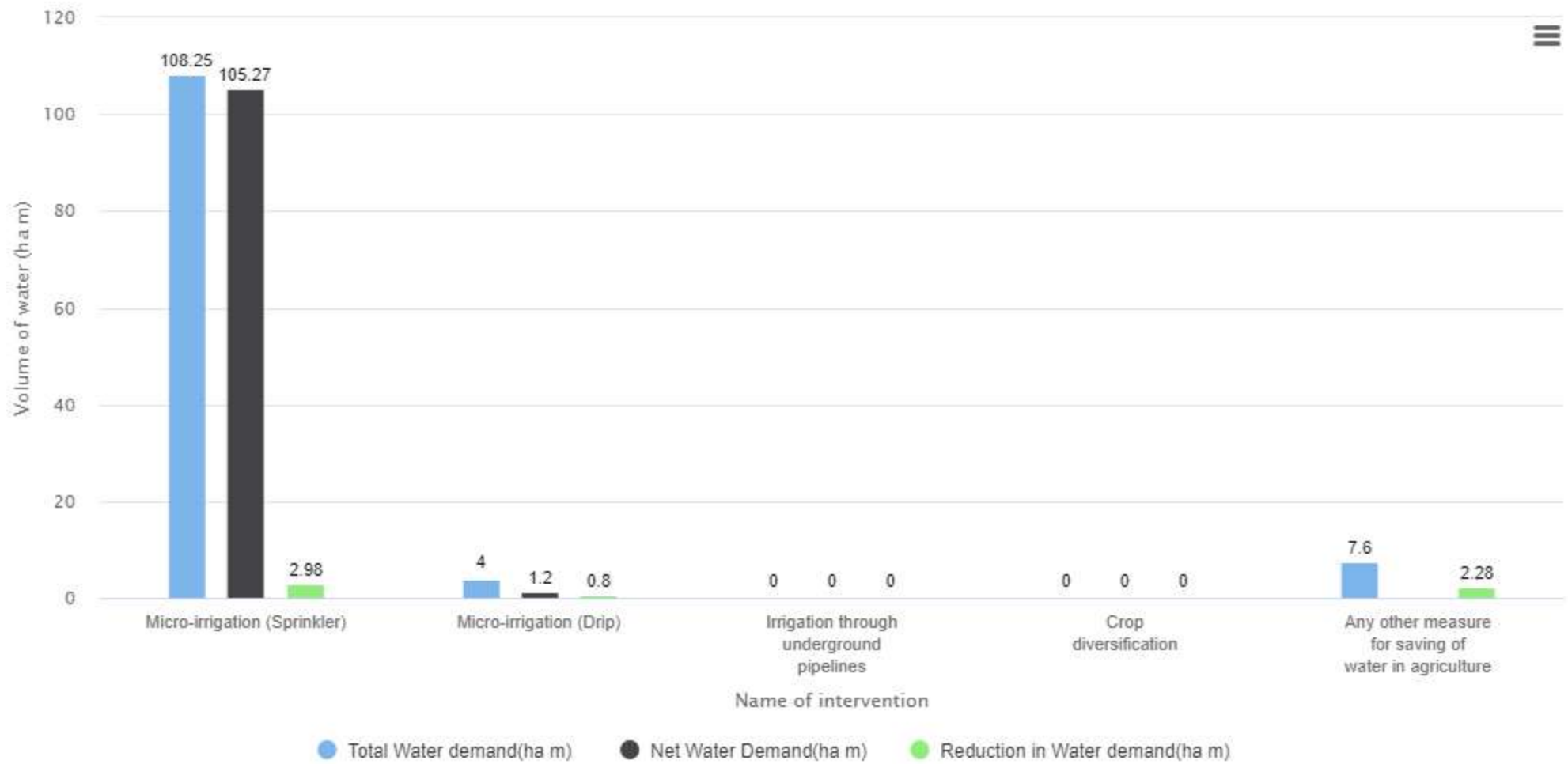
A Allocation for Drinking & Domestic Requirements	
I Humans	
i) Present Human Population	1562.00
ii) Annual population growth rate (r)	1.20
iii) No. of years	28.00
iv) Projected human population (as in 2050)	2181.00
v) Per capita requirement (L)	55.00
vi) Projected water requirement for humans (as in 2050) (ha m)	4.38
II Livestock	
i) Present livestock population	408.00
ii) Annual population growth rate (r)	1.05
iii) No. of years	28.00
iv) Projected livestock population (as in 2050)	547.00
v) Average per capita requirement (L)	108.36
vi) Projected water requirement for livestock (as in 2050) (ha m)	2.16
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)	6.54
i) Proposed share to be met from Ground water (in %)	59.71
ii) Proposed share to be met from Surface water (in %)	40.29
iii) Demand met from Ground water (ha m)	3.91
iv) Demand met from Surface water (ha m)	2.64
C Water available for future irrigation	
i) Ground Water	30.85
ii) Surface water	52.65
iii) Total water available for future irrigation	83.51



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	23.00	108.25	105.27	2.98	5.43
2	Drip	2.00	4.00	1.20	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	19.00	7.60	--	2.28	0.71
	Total	44.00	119.85	106.47	6.06	8.09

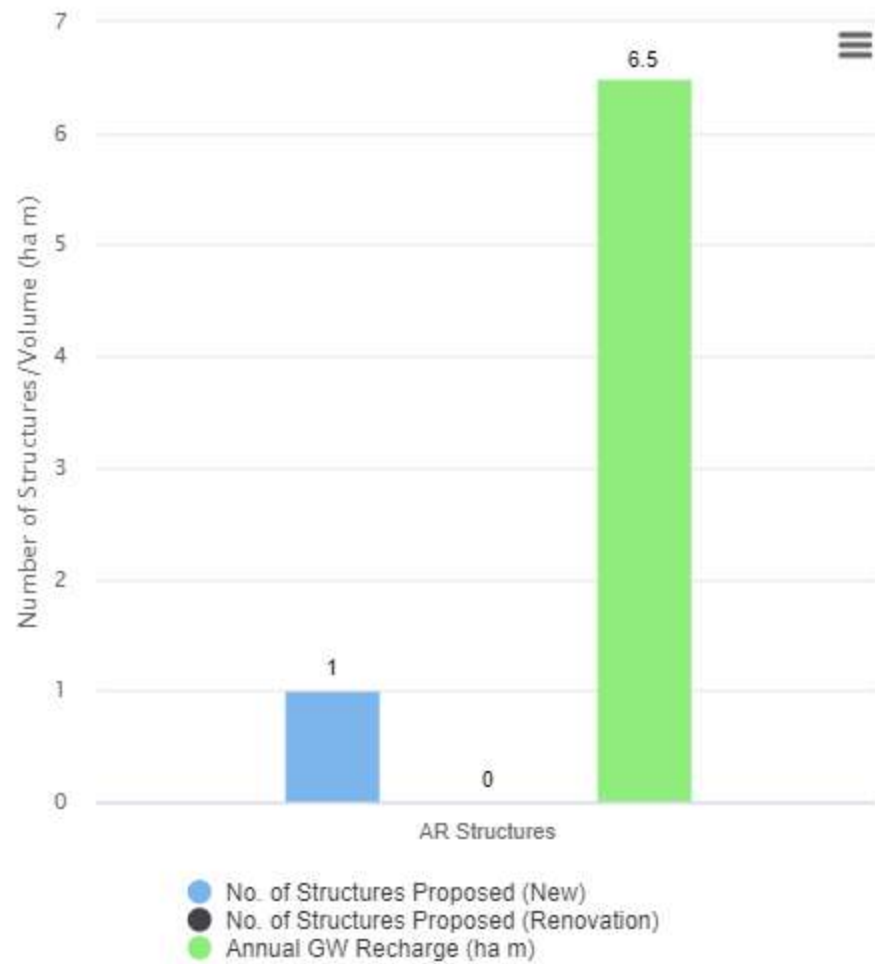
Funding Source						
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
1	Drip	2	2023-24	MICADA	PMKSY	1.95
2	Sprinkler	23	2023-24	MICADA	PMKSY	5.427
3	Other Measures	19	2023-24	Agriculture & Farmer Welfare Department	Other	0.7125
	Total	44				8.09



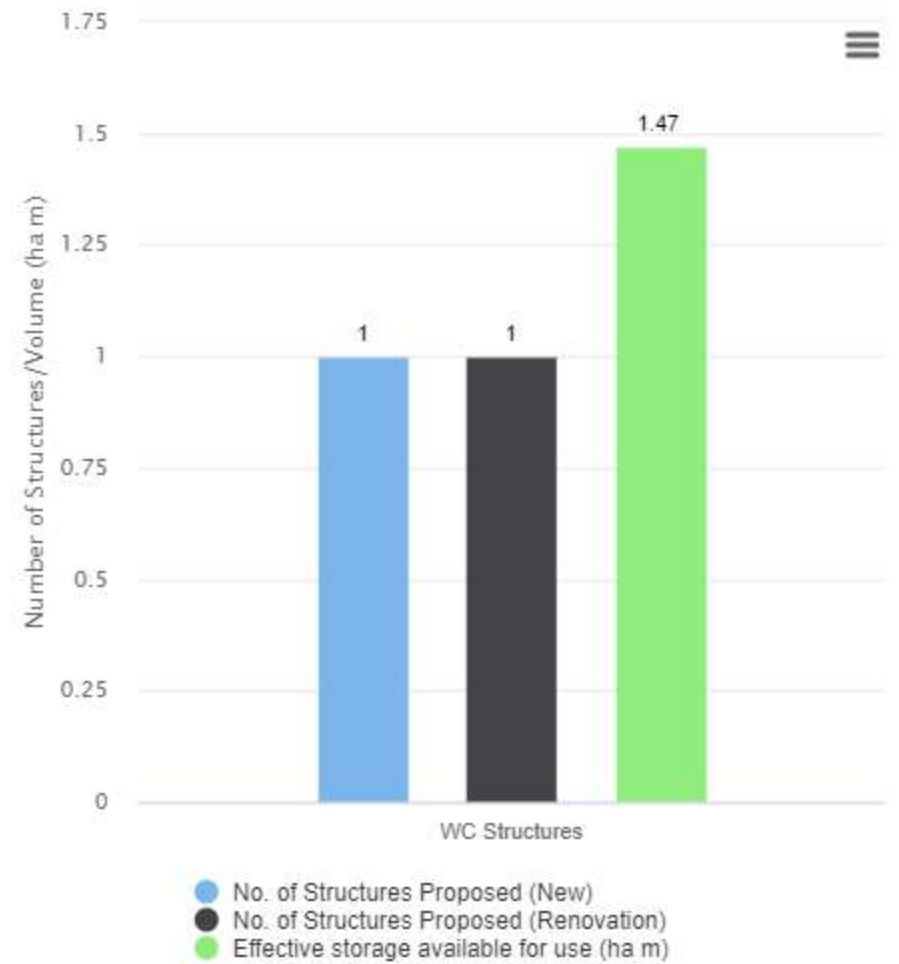
Supply Side (Water Conservation Structures)

SR No	Name of Structure	Storage Capacity(ha m)	Effective storage available for use (ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
1	Rain Water Harvesting Structure(New)	1.5	0.09	Raghunath Pura(138)	28.074548	76.070786	2023-24	Rural Development Department	DPDC (District Planning and Development Council)	4.5
2	Pond/Amrit Sarovar(Renovation)	2.3	1.3800	Raghunath Pura(138)	28.074556	76.070712	2023-24	Rural Department and Panchayati Raj	MGNREGA	20.51
	Total	3.80	1.47							25.01

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	PINKI KUMARI	Chairperson	Female	9350810269
2	KAVITA	Member	Male	9416962216
3	PARMEEND	Member	Male	9996031167
4	MANJULATA	Member	Female	9811260885
5	SURESH	Member	Male	9306535460
6	RITAM	Member	Male	8222020453
7	MUKESH	Member	Male	9966289925
8	MUKESH DEVI	Member	Female	8708167220
9	SUGANTLA	Member	Male	9416341808
10	BANSHI	Member	Female	9996345411
11	PARTHVI	Member	Male	9416510179
12	MUKESH	Member	Male	7015745362
13	MUNESH	Member	Male	9467541236
14	SANDEEP KUMAR	Member (JE,Development & panchayat)	Male	9466924798
15	HAWA SINGH	Member (Gram Sachiv)	Male	9467849494
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	Raghunathpura_31739	2023-07-25	Raghunathpura_31739	Raghunath Pura(138)	Govt. Pri. School	15	19	0	34

Photograph



Latitude: 28.071902
Longitude: 76.069698
Elevation: 328.38±9 m
Accuracy: 5.8 m
Time: 07-25-2023 00:52
Note: Raghunathpura

Powered by NoteCam

DPMU DECLARATION

I, Nitin Bhargava (Name), Executive Engineer
(Designation), authorized representative under District Program Management Unit (DPMU)
declare that the WSP of Raghumatipura Gram Panchayat, Narnaul 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

Niti-8
Executive Engineer
M/Garh Canal WS Division
Narnaul

[Signature]
Jec expert

[Signature]
uwer

Grw expert

MOM

दिनांक :- 25/07/2023

गांव :- शुनाग्रपुरा

जिला - महेन्द्रगढ़

स्थान :- प्राथमिक स्कूल

ब्लॉक :- नारनौल

राज्य - हरियाणा

आज दिनांक 25/07/2023 को अल्प मूल्य योजना की कार्यान्वयन सहभागी टीम (DIP) के जनसम्पर्क विशेषज्ञों (IEC) ने नारनौल ब्लॉक के शुनाग्रपुरा ग्राम पंचायत में अल्प मूल्य योजना की जन बैठक का आयोजन किया। इस जन बैठक में ग्राम पंचायत के सदस्यों, किसानों, प्रांगणवाडी वर्कर्स एवं भूमिदातों ने बह चर्चा कर मांग लिया। इस जन बैठक में गांव की जन सुरक्षा योजना (WSP) के बारे में चर्चा की गई। गांव के लोगों को गांव में उपलब्ध पानी को बचत बनाकर स्वर्च करने की सलाह दी गयी। आने वाले समय में पानी की कमी से उत्पन्न होने वाली समस्याओं के बारे में बताया गया। गांव में मूल्य स्तर को केंद्रों बढ़ाया जाये इसके बारे में बताया गया।

Raghunathpura

Atal Bhu... Yojana MOM Attendance Sheet, Mahendargrah_4... er-09

Page-1



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	Village - Raghunathpura	
								Flock - Warnalal	Date - 11/9/20
1	Komlesh	F	OBC	Housewife	No	No	5 Kilo	8901414282	अमलेश
2	Maktul	F	OBC	Housewife	No	No	6 Kilo	8901414282	मकतुल
3	Aasha	F	OBC	Housewife	No	No	No	8901414282	आशा
4	Koyal	F	OBC	A.W.W	Yes	VWS-C	1/2 Kilo	9671315646	कोयल
5	Sangeeta	F	OBC	Housewife	No	No	1 Kilo	9728936403	संगीता
6	Shakuntla	F	OBC	Housewife	No	No	6 Kilo	8053864811	शकुन्तला
	Sheebhti	F	OBC	A.W.H	No	No	No	9812268324	शीबती
8	Saroj	F	OBC	Housewife	No	No	5 Kilo	8901414282	सरोज
10	Manisha	F	OBC	Housewife	No	No	1 Kilo	7206287034	मनीषा
11	Manju	F	OBC	Housewife	No	No	2 Kilo	8901414282	मंजू
12	Urmila	F	OBC	Housewife	No	No	5 Kilo	8901414282	उर्मिला
13	Suman	F	OBC	Housewife	No	No	1/2 Kilo	805999612	सुमन
14	Shanti	F	OBC	Housewife	No	No	No	8901414282	शान्ति
14	Rashanlal	M	OBC	Farmar	No	No	8 Kilo	8053864811	रशानल
15	Bhup'singh	M	OBC	Teacher	No	No	No	8295164909	भूपसिंह
16	Kanta	F	OBC	Teacher	No	No	1 Kilo	8901365191	कान्ता
17	Mukresh Kumar	F	OBC	Farmar	No	No	No	8901080665	मुकेश कुमार
	Anita	F	OBC	Panch	No	No	No	9728936403	अनिता

ANNEXURE III

RESOLUTION

Date: 25/7/23

It is hereby resolved that the Water Budget/ Water Security Plan (WSP) of ~~Raghubhatwa~~ Gram Panchayat, Narhaul Block/Taluk/Mandal, Mahendergarh District, Haryana 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 25/07/2023.

S. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting	Pinki Kumari Sarpanch.	
2	Gram Panchayat Secretary	HANUASINGH	

(9467849494)

प्रस्ताव (RESOLUTION)

दिनांक : 25/07/23

गाँव : रघुनाथपुरा

जिला : महेंद्रगढ़

राज्य : हरियाणा

स्थान : प्राथमिक स्कूल ब्लॉक / खण्ड : नारनौल

आज दिनांक 25/07/2023 को उपरल भुजल योजना की जिला कार्यान्वयन सहभागी टीम (DIP) के जनसंपर्क विशेषज्ञों (IEC) ने नारनौल (Narnaul) ब्लॉक के रघुनाथपुरा गाँव में प्रस्ताव (Resolution) के लिए पल बैठक का आयोजन किया गया। उस पल बैठक में गाँव के कुछ वरिष्ठ किसान, महिलाएँ एवं ग्राम पल स्वच्छता समिति (VWSC) के सदस्यों ने अपनी सहभागिता दिखाई। पल बैठक के प्रारम्भ में पिछली पल बैठकों का जिक्र करते हुए भुजल स्तर (water level) बढ़ाने हेतु जो सुझाव गाँव वालों ने किये, उनको गाँव की पल सुरक्षा योजना (WSP) में उल्लेखित किया गया है व निम्नलिखित उस प्रकार से है:-

- (1) गाँव के नहरों द्वारा जोड़े गये जोड़ों (bonds) में बड़े रिचार्ज बोर (Recharge Bore) बनवाये जायें। जिन रिचार्ज बोरों की गहराई उस गाँव के नीचे (underground water level) तक करवाई जायें।
- (2) गाँव के सुखे हुये जोड़ों (bonds) को नहर से पुनर्वापस जायें एवं प्रत्येक महिने उनमें नहरी पानी उतवाया / दुरुवाया जायें।
- (3) गाँव के कुछ जोड़ों (bonds) की साफ - सफाई, दुरुवायें एवं उनका जीर्णोद्धार (Renovation) किया जायें।
- (4) गाँव के प्राथमिक / सरकारी स्कूल में रनवाटर हारवैस्टिंग सिस्टम (Rainwater Harvesting) बनवाया जायें।

Raghunathpura

Atal Bhu... Yojana MOM Attendance Sheet, Mahendargrah_4... er-09

Page-1

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	Village - Raghunathpura Block - Barnahal Distt. - Muzaffarpur Date - 25/01/23 Phone no - 9728936403 Venue - HTM B3, Barh Signature	
1	Komallesh	F	OBC	Housewife	No	No	5Kila	8901414282	कमलेश
2	Maktul	F	OBC	Housewife	No	No	6Kila	8901414282	मकुतल
3	Aasha	F	OBC	Housewife	No	No	No	8901414282	आशा
4	Koyal	F	OBC	A.W.W	Yes	VWS-C	1/2Kila	9671315646	कोयल
5	Sangeeta	F	OBC	Housewife	No	No	1Kila	9728936403	संगीता
6	Shakuntla	F	OBC	Housewife	No	No	6Kila	8053864811	शकुन्तला
	Shobhti	F	OBC	A.W.H	No	No	No	98122268324	शोबती
8	Saroj	F	OBC	Housewife	No	No	5Kila	8901414282	सरोज
10	Manisha	F	OBC	Housewife	No	No	1Kila	7206287034	मनीषा
11	Manju	F	OBC	Housewife	No	No	2Kila	8901414282	मंजू
12	Urmila	F	OBC	Housewife	No	No	5Kila	8901414282	उर्मिला
13	Suman	F	OBC	Housewife	No	No	1/2Kila	8059999612	सुमन
14	Shanti	F	OBC	Housewife	No	No	No	8901414282	शान्ति
14	Rashanlal	M	OBC	Farmar	No	No	8Kila	8053864811	रशानल
15	Bhup'singh	M	OBC	Teacher	No	No	No	8295164909	भूपसिंह
16	Kanta	F	OBC	Teacher	No	No	1Kila	8901365191	कान्ता
17	Mukresh Kumar	F	OBC	Farmar	No	No	No	8901080665	मुकेश कुमार
	Anita	F	OBC	Panch	No	No	No	9728936403	अनिता

