

Water Security Plan Report

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Date : 30/ 03/ 2024 Time : 12:12 PM User Name : SPMU_Haryana_6

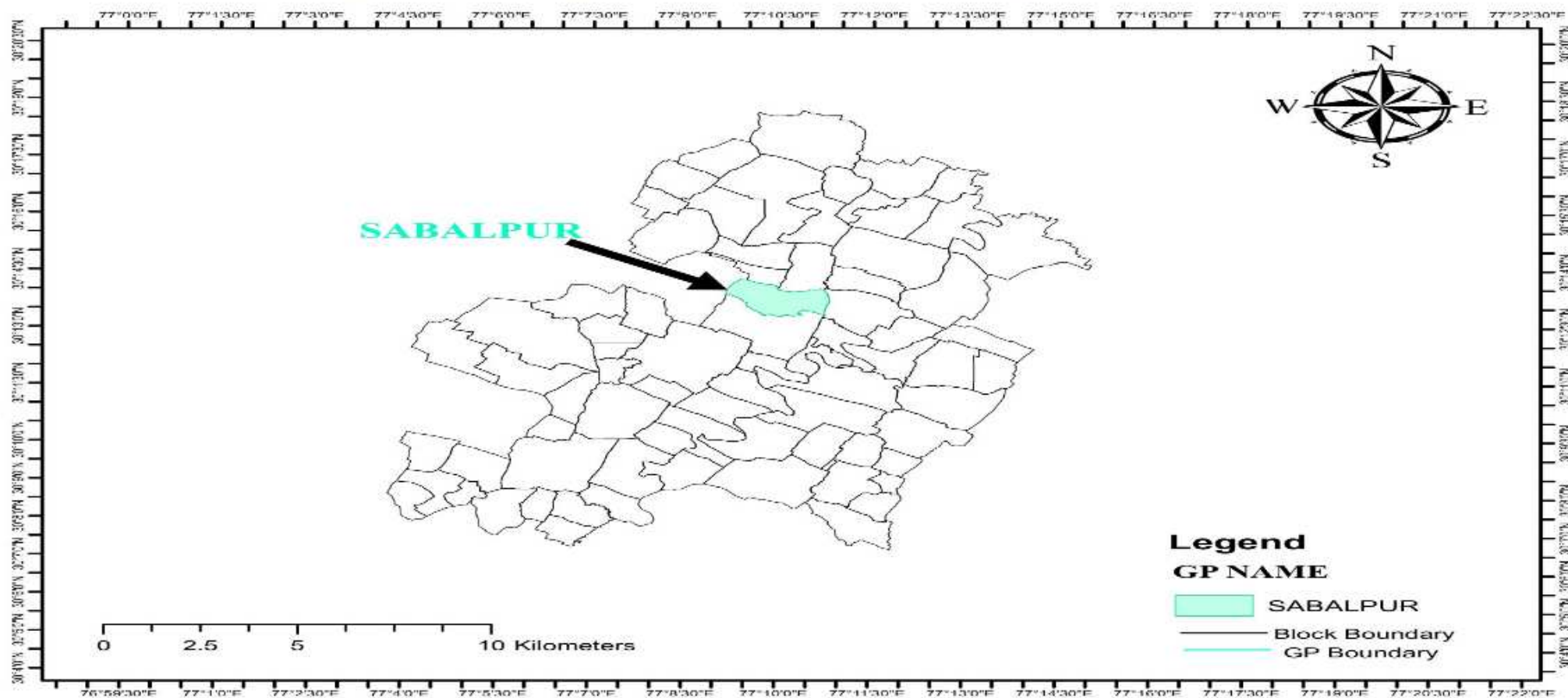
STATE: HARYANA_6 » DISTRICT: YAMUNANAGAR_76 » BLOCK: SARASWATI NAGAR_563 » GRAM PANCHAYAT: SABALPUR_33468 » YEAR: 2024-25 »

Gram Panchayat Information

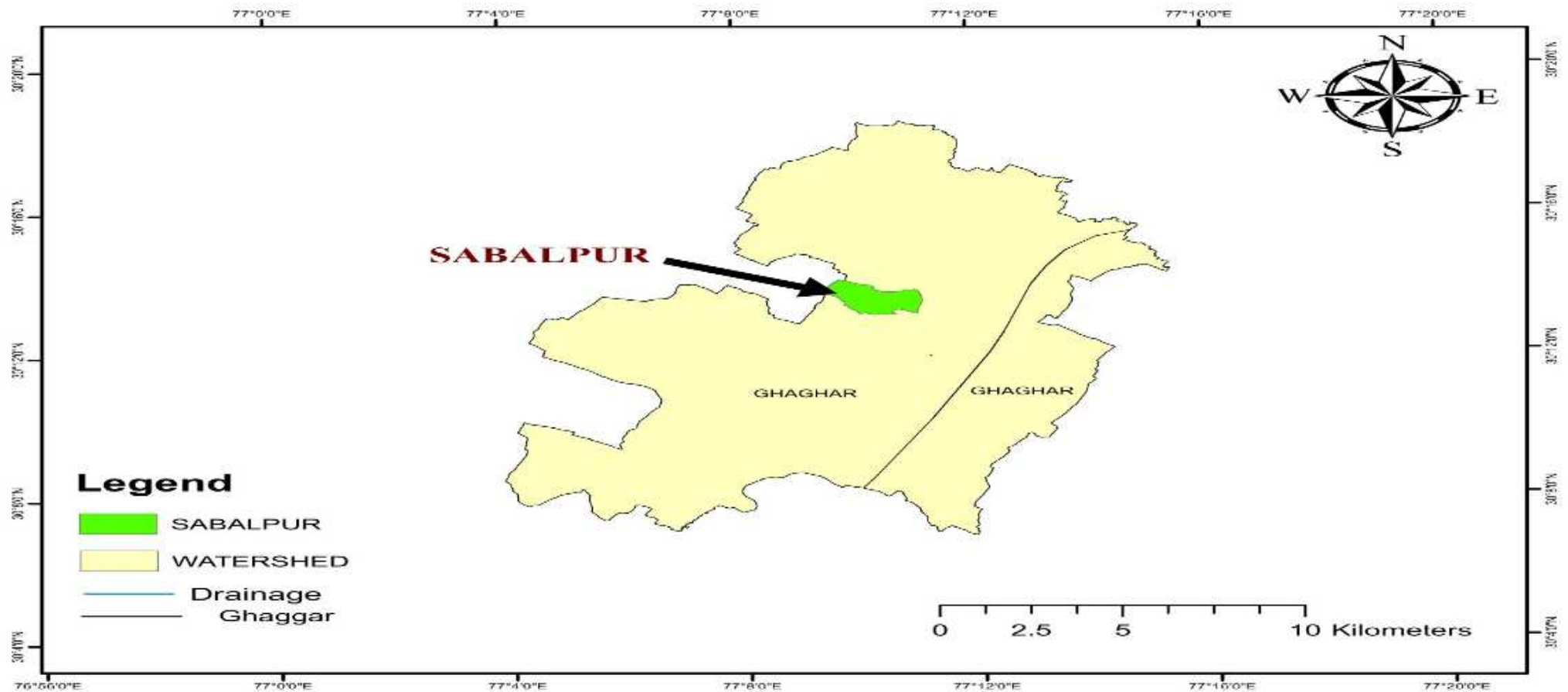
State:	Haryana_6	District:	Yamunanagar_76
Block / Taluk :	Saraswati Nagar_563	GP Name :	Sabalpur_33468
GP ID :	33468	Block Area (Ha) :	20267.2000
GP area (Ha) :	288.0000	Watershed Code :	GHGR003
Watershed name :	Saraswati	Watershed area in Block / Taluk (Ha) :	240587.09
Sub-basin Code :	1	Sub basin name :	Ghaghar and Others
Basin Code :	11	Basin Name :	Ghaghar

Location Map

Location Map : GP Sabalpur, Block Saraswati Nagar, District Yamunanagar

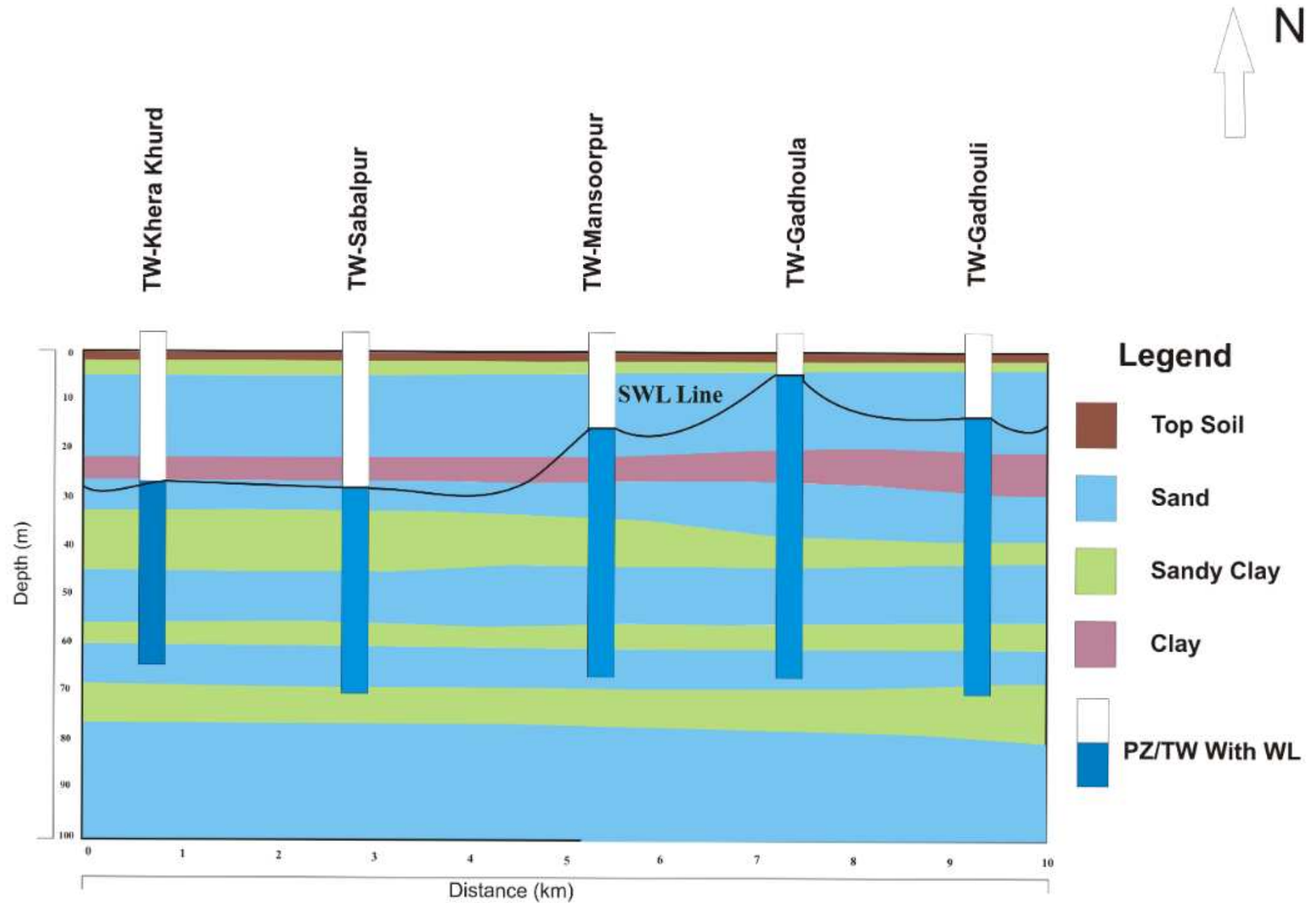


Watershed & Drainage Map : GP Sabalpur, Block Saraswati Nagar, District Yamunanagar



Aquifer Map

Aquifer Map of Khera Khurd, Sabalpur, Mansoorpur , Gadhoula, Gadhouli of Saraswati Nagar block of district Yamunanagar



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	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	27.72	2024-02-20
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	27.80	2024-01-22
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	27.83	2023-12-20
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	28.35	2023-10-29
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	28.48	2023-09-29
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	28.68	2023-08-29
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	28.81	2023-07-30
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	29.37	2023-06-29
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	28.58	2023-05-29
	Sabalpur	Near school	30.22237	77.16811	2023-04-18	033468-001	Tube Well		Government	SGWB	0.20	45.72	0.50	25.5	2023-04-18
2	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	27.52	2024-02-14
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	27.60	2024-01-22
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	27.80	2023-12-25
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	27.21	2023-11-29

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
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	28.20	2023-10-30
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	28.3	2023-09-30
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	28.6	2023-08-31
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	28.86	2023-07-29
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	29.3	2023-06-28
	Sabalpur	Near gp school	30.22175	77.17818	2023-05-23	033468-002	Others(Pl. Specify)	Phed	Private		0.2500	80.40	0.50	28.5	2023-05-23
3	Sabalpur	Phed Haryana dera	30.22399	77.17669	2024-01-20	333553-003	Bore Well		Government	SGWB	0.2500	70.00	0.00	24.41	2024-02-14
	Sabalpur	Phed Haryana dera	30.22399	77.17669	2024-01-20	333553-003	Bore Well		Government	SGWB	0.2500	70.00	0.00	24.35	2024-01-20

Ground Water Quality

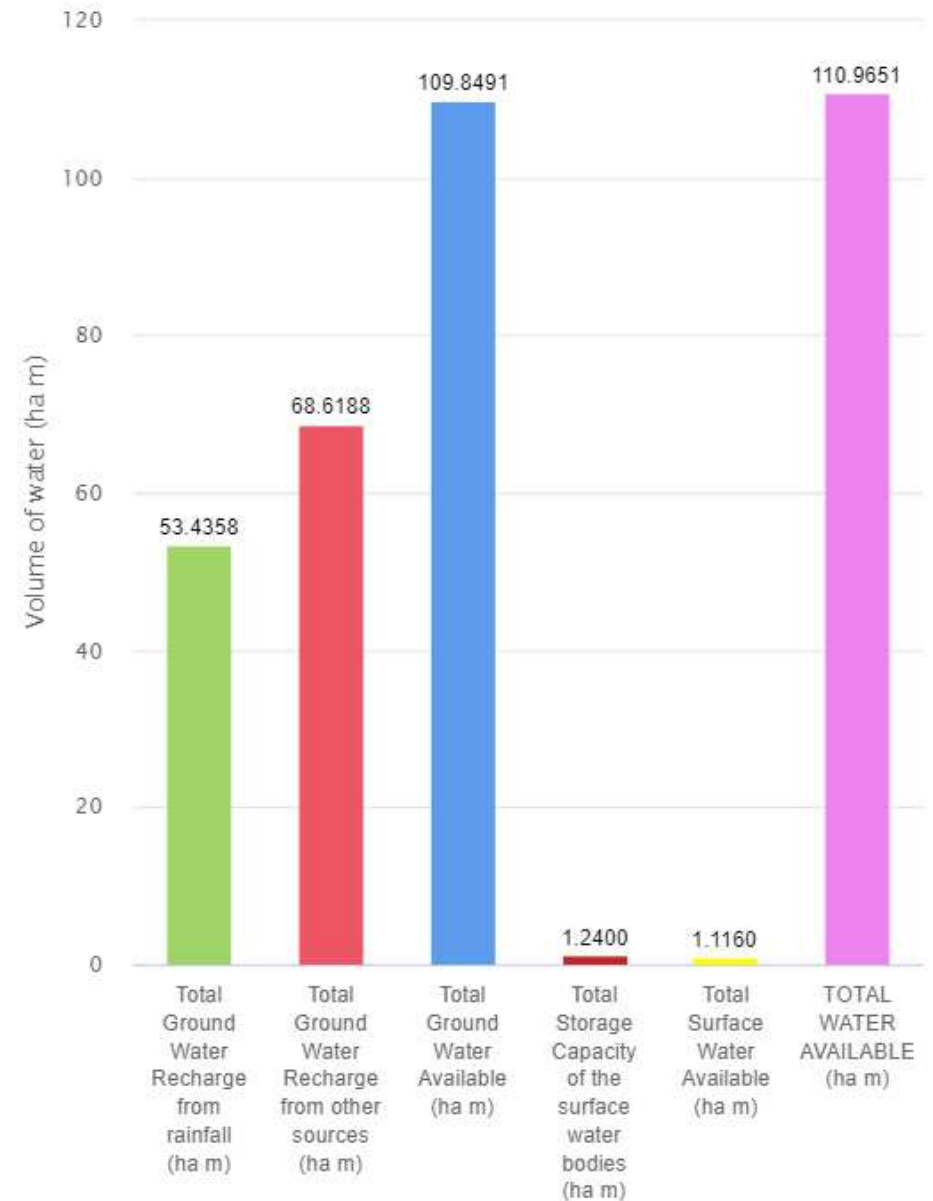
S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	Sabalpur	Sabalpur	30.221495	77.181984	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_Sabalpur_001
2	Sabalpur	Sabalpur	30.221422	77.182205	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_Sabalpur_002

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	ABY_YMR_S NAGAR_Sabalpur_001	76	UNCONFINED	7.3	790	484	166	33	20.3	45	0.9	0	232	42	76	0.42	7.63
2	ABY_YMR_S NAGAR_Sabalpur_002	70	UNCONFINED	7.6	594	362	115	21	15.2	21.6	0.3	0	196	38	52	0.19	2.85

Water Availability Report

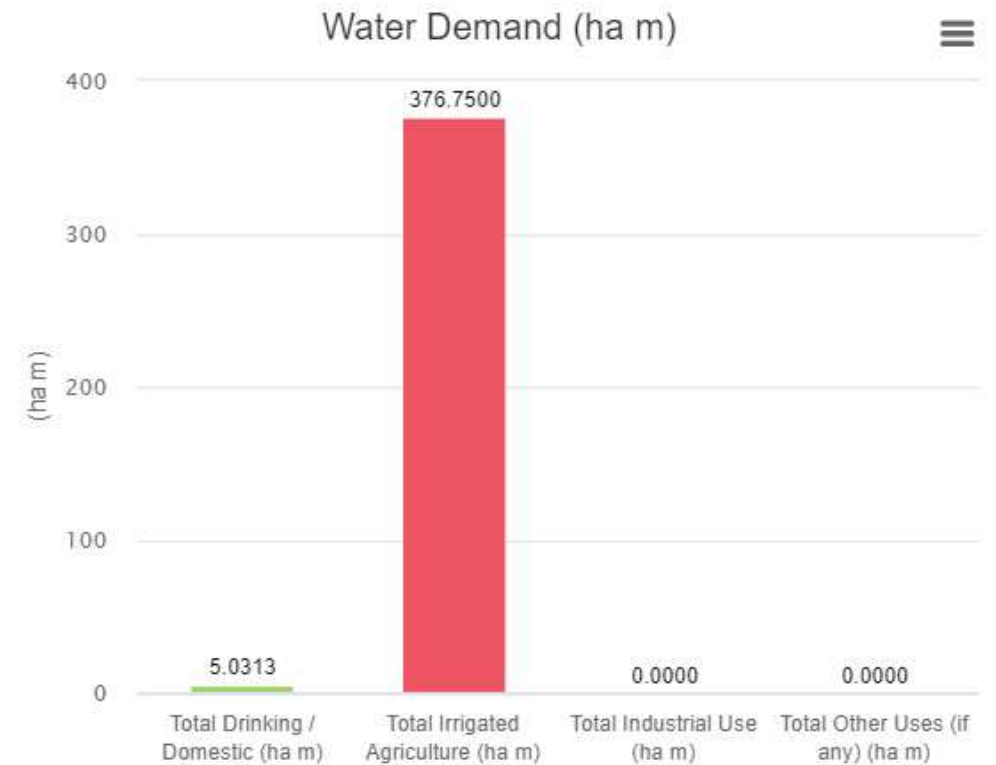
Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	1785.7400
b.	Estimated Volume of Rainfall (ha m)	514.2931
c.	Evapotranspiration rate (mm)	449.7500
d.	Estimated Evapotranspiration losses (ha m)	129.5280
e.	Estimated Water Available From Rainfall (ha m)	384.7651
f.	Weighted Average Runoff Coefficient	0.3000
g.	Rainfall Runoff(ha m)	115.4295
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	42.8447
(ii)	Non-Monsoon	10.5911
	Total Ground Water Recharge from rainfall (ha m)	53.4358
b.	Ground Water Recharge from other sources (ha m)	
(i)	Monsoon	39.7215
(ii)	Non-Monsoon	28.8973
	Total Ground Water Recharge from other sources (ha m)	68.6188
c.	Losses Due to Natural Discharge (ha m)	12.2055
	Total Ground Water Available (ha m)	109.8491
d.	Ground Water Withdrawal (ha m)	221.5007
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	1.24
	Total Storage Capacity of the surface water bodies (ha m)	1.2400
(ii)	Losses if Any (%)	10.0000
(iii)	Surface Water Available in Storages (ha m)	1.1160
b.	Transported Water from outside GP area (ha m)	
	Total Surface Water Available (ha m)	1.1160
4.	TOTAL WATER AVAILABLE	
	TOTAL WATER AVAILABLE (ha m)	110.9651

Water Availability (ha m)



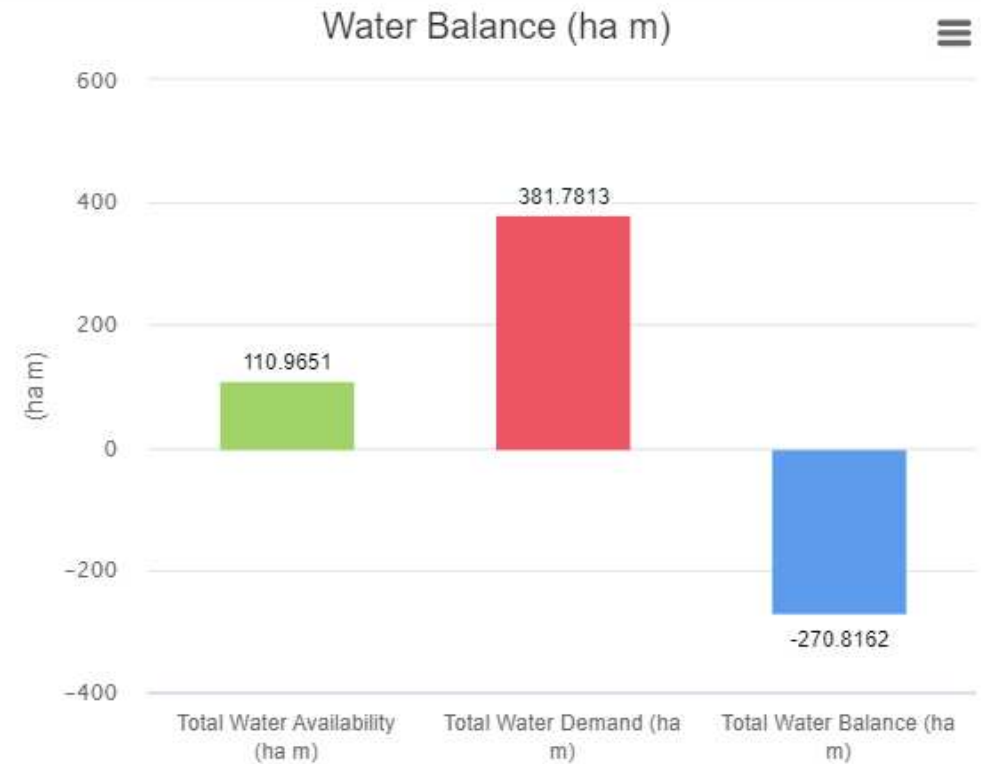
Water Demand Report

Water Demand		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	0.1121
ii)	From Ground Water	4.9192
	Total Drinking /Domestic (ha m)	5.0313
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	376.7500
	Total Irrigated Agriculture (ha m)	376.7500
C	Industrial Use (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	0.0000
	Total Industrial Use (ha m)	0.0000
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

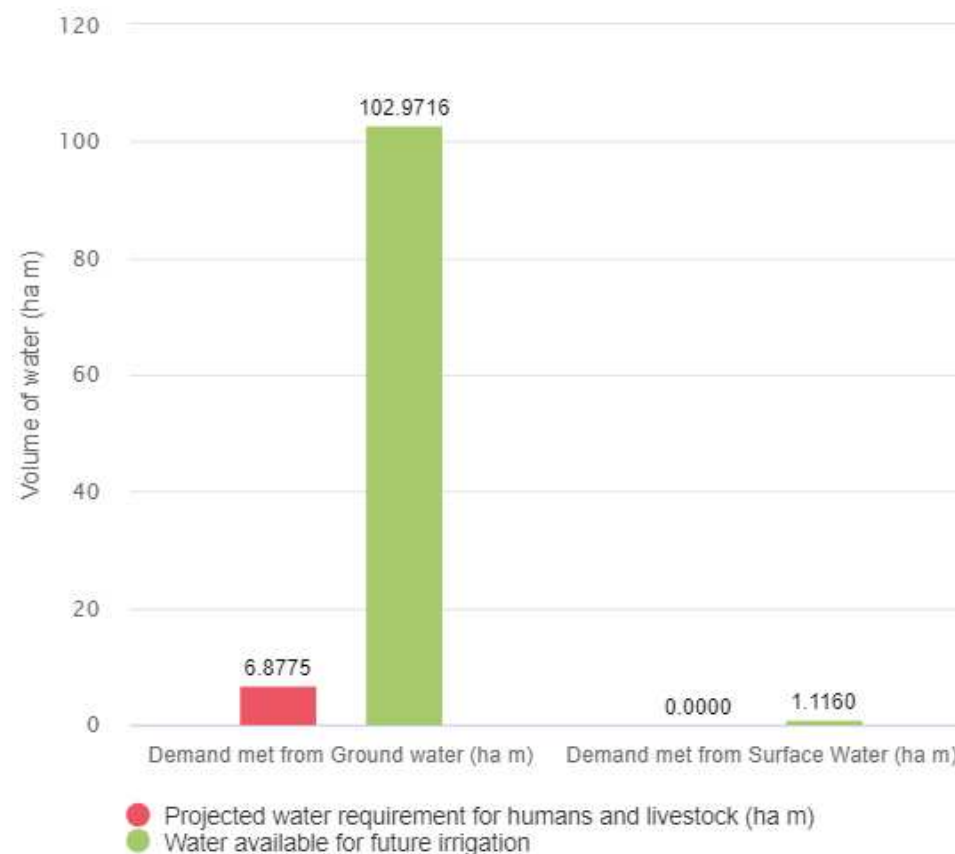
Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	109.8491
ii)	Total Surface Water Available	1.1160
	Total Water Availability (ha m)	110.9651
B	Water Demand (ha m)	
i)	Total Surface Water Demand	0.1121
ii)	Total Ground Water Demand	381.6692
	Total Water Demand	381.7813
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-271.8201
ii)	Total Surface Water Balance	1.0039
	Total Water Balance	-270.8162



Water Budget Report

A Allocation for Drinking & Domestic Requirements	
I Humans	
i) Present Human Population	1946.0000
ii) Annual population growth rate (r)	1.2000
iii) No. of years	27.0000
iv) Projected human population (as in 2050)	2685.0000
v) Per capita requirement (L)	55.0000
vi) Projected water requirement for humans (as in 2050) (ha m)	5.3901
II Livestock	
i) Present livestock population	242.0000
ii) Annual population growth rate (r)	1.0460
iii) No. of years	27.0000
iv) Projected livestock population (as in 2050)	321.0000
v) Average per capita requirement (L)	126.9463
vi) Projected water requirement for livestock (as in 2050) (ha m)	1.4874
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)	6.8775
i) Proposed share to be met from Ground water (in %)	100.0000
ii) Proposed share to be met from Surface water (in %)	
iii) Demand met from Ground water (ha m)	6.8775
iv) Demand met from Surface water (ha m)	
C Water available for future irrigation	
i) Ground Water	102.9716
ii) Surface water	1.1160
iii) Total water available for future irrigation	104.0876

Projected Water Budget for future use (for year 2050)

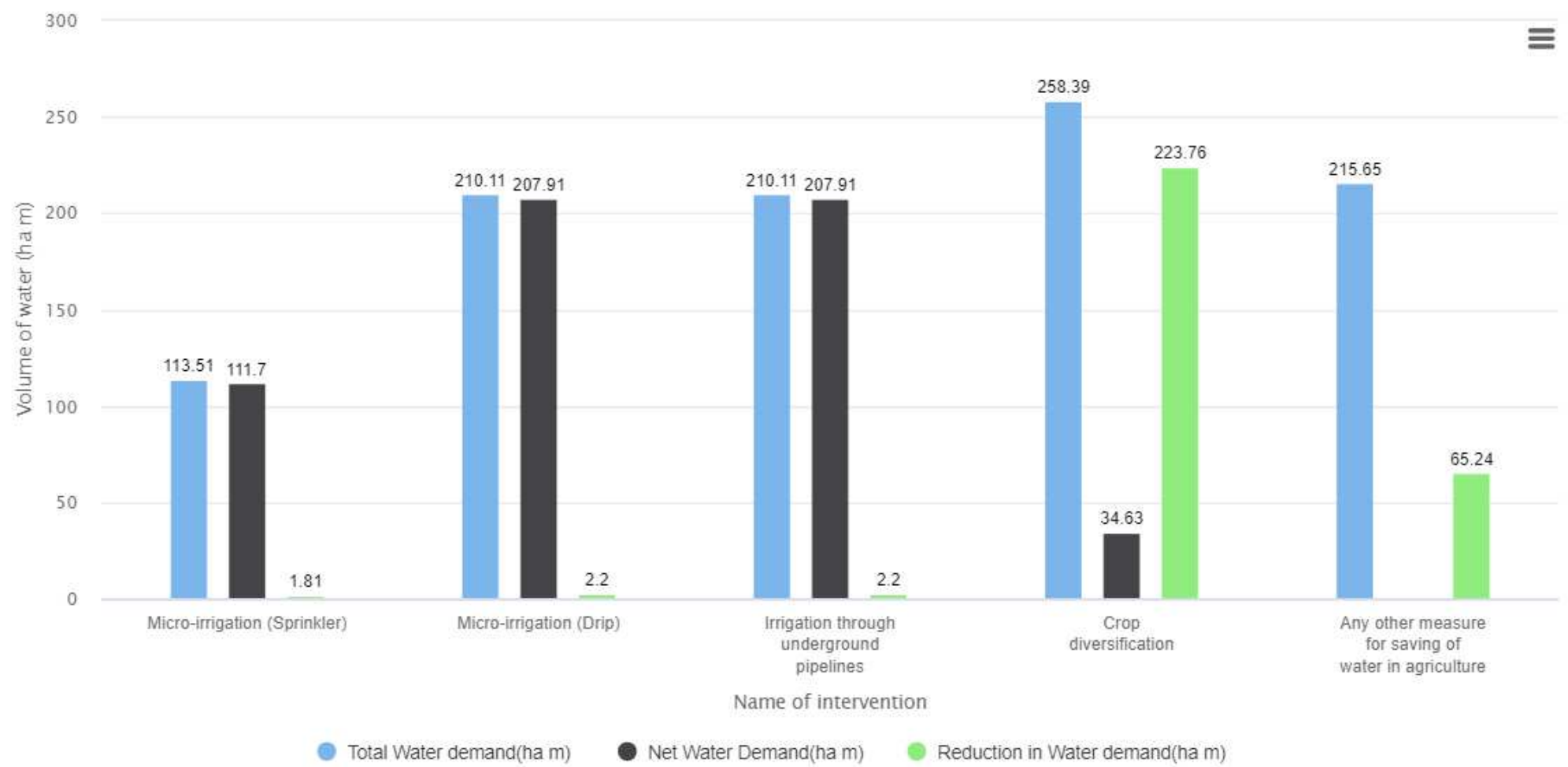


Demand Side

Total Area under Conventional Irrigation (ha) : 432.58

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	11.0000	113.5100	111.7000	1.8100	12.3200
2	Drip	10.0000	210.1100	207.9100	2.2000	15.3000
3	Pipelines	10.0000	210.1100	207.9100	2.2000	2.5000
4	Crop Diversification	69	258.3900	34.6300	223.7600	11.9300
5	Other Measures	240.0000	215.6500	--	65.2400	13.2520
	Total	340.0000	1007.7700	562.1500	295.2100	55.3020

Funding Source						
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
1	Sprinkler	11	2024-25	MICADA	PMKSY(Per Drop More Crop)	12.32
2	Drip	10	2024-25	MICADA	PMKSY(Per Drop More Crop)	15.3
3	UG Pipelines	10	2024-25	Agriculture & Farmer Welfare Department	Other	2.5
4	Crop Diversification	19	2024-25	Department of Horticulture	Mera Pani Meri Virasat(MPMV)	3.28
5	Crop Diversification	50	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	8.65
6	Other Measures	3	2024-25	Department of Horticulture	Other	0.48
7	Other Measures	96	2024-25	Agriculture & Farmer Welfare Department	Rashtriye Krishi VikasYojan (RKVY)	3.552
8	Other Measures	65	2024-25	Agriculture & Farmer Welfare Department	Scheme for Management of Crop Residue	1.62
9	Other Measures	76	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	7.6
	Total	340				55.3020

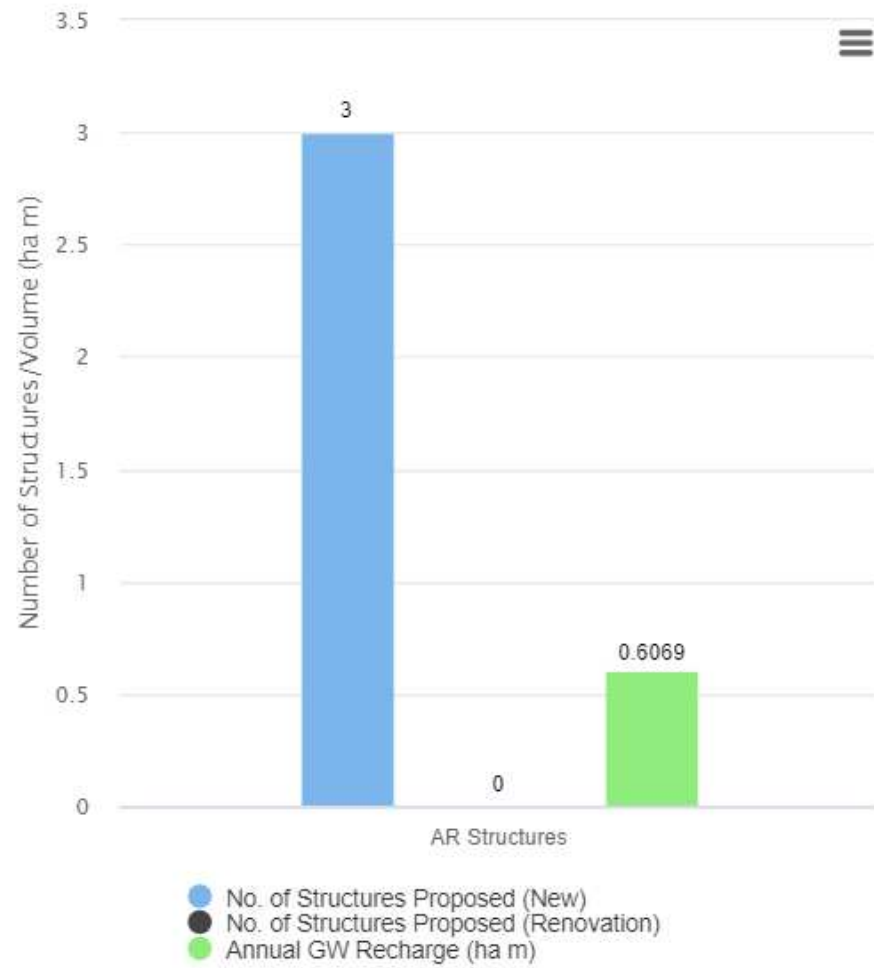


Supply Side

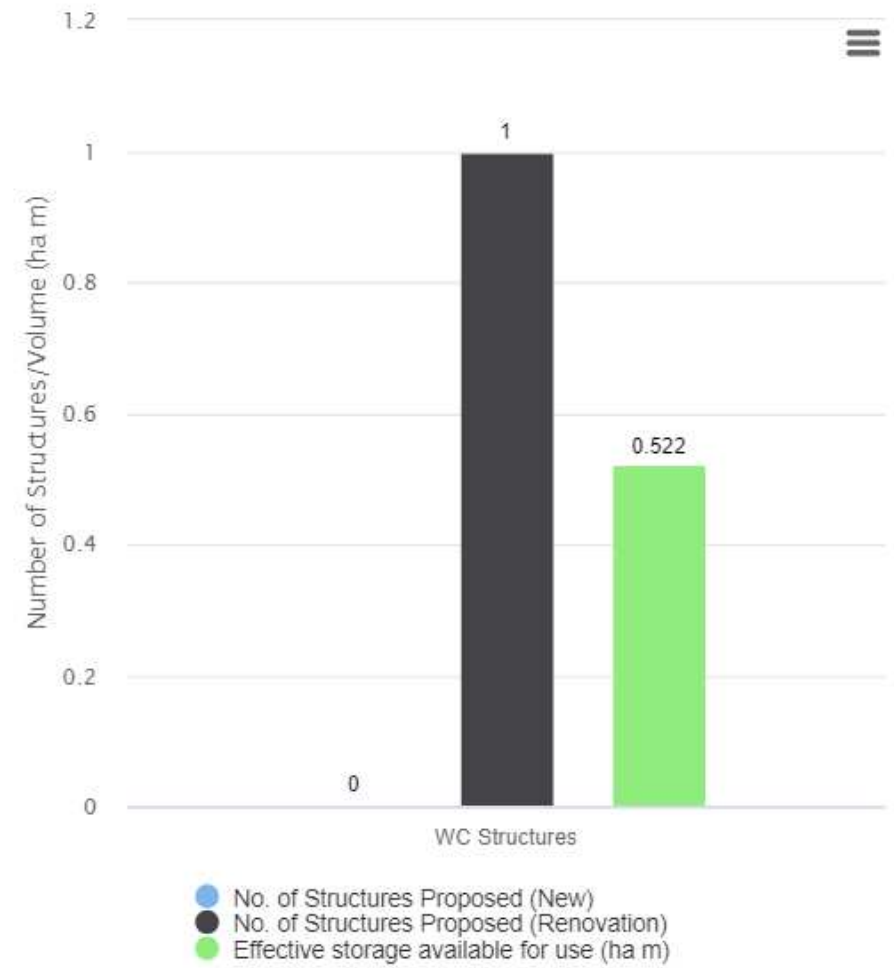
Supply Side (Artificial Recharge Structures)										
SR No	Name of Structure	Storage Capacity(ha m)	Annual GW Recharge(ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
1	Injection Wells/ Recharge Wells(New)	0.0023	0.006900	Sabalpur (358)	30.2187	77.1682	2024-25	Irrigation & Water Resource Development	Departmental Scheme	2.4
2	Check Dam (New)	0.2	0.300	Sabalpur (358)	30.226916	77.167607	2024-25	Agriculture & Farmer Welfare Department	Departmental Scheme	4
3	check Dam(New)	0.2	0.300	Sabalpur (358)	30.224644	77.167045	2024-25	Agriculture & Farmer Welfare Department	Departmental Scheme	4
	Total	0.4023	0.6069							10.4000

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	Pond/Amrit Sarovar(Renovation)	0.87	0.522	Sabalpur (358)	30.2191	77.1765	2024-25	Rural Department and Panchayati Raj	Amrit Sarovar	12.12
	Total	0.8700	0.5220							12.1200

Supply Side (Artificial Recharge Structures)



Supply Side (Water Conservation Structures)

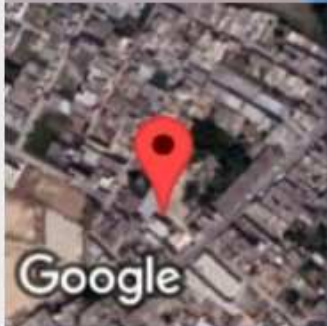


PGWM Committee

PGWM Committee (VWSC/WUA/CBO)				
Sr.no	Name	Designation	Gender	Mobile /Landline No.
1	POOJA RANI	CHAIRPERSON	Female	9416547021
2	UNNISA	MEMBER	Female	7015576099
3	GOURAV	MEMBER	Male	7357174478
4	SATPAL	MEMBER	Male	9671640371
5	JASVINDER	GRAM SACHIV	Male	9050363481
6	PARVEEN KUMAR	MEMBER	Male	9050329943
7	SURESH KUMAR	MEMBER	Male	9813035511
8	RAJ KUMAR	JE	Male	9729203136
9	PARVESH KUMAR	MEMBER	Male	7082325752
10	ANJU	MEMBER	Female	8930733263
11	LAXMI DEVI	MEMBER	Female	8814014229
12	RAM SAHRAN	MEMBER	Male	9817944465
13	MEENA RANI	MEMBER	Female	8607933580
14	KAMAL BAKSHI	JE	Male	8761913142
15	POOJA RANI	MEMBER	Female	8295016487
16	UMA DEVI	MEMBER	Female	9034408191

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	Yamunanagar_76	Saraswati Nagar_563	Sabalpur_33468	2024-02-07	Sabalpur_33468	Sabalpur (358)	ambedkar bvhawan	12	12	0	24

Photograph



Thana Chhappar, Haryana, India

6599+HMJ, Sarswati Colony, Thana Chhappar, Sabalpur, Haryana 133103, India

Lat 30.219455°

Long 77.169245°

07/02/24 12:51 PM GMT +05:30

DPMU DECLARATION

I, Surinder Kumar (Name), Executive Engineer, HKB Division No. 1 (Designation), authorized representative under District Program Management Unit (DPMU) declare that the WSP of Sabulpur Gram Panchayat, Saraswati Nagar Block Yamuna Nagar 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


IEC, EXPERT
ATAL BHUJAL YOJANA (DPMU)
YAMUNA NAGAR


Executive Engineer
HKB Division No. I
Jagadhri

Tarveen Kumar
G.W.E. DPMU

Village Name: Sabalpur

Minutes of Meeting

District: Yamunanagar

Meeting Place: Ambekar Bhawan Block: Saraswati Nagar

Date: 07/02/2024 Lat. No. 30.219455°

Long No. 77.169245°

Agenda of Meeting: Discuss with members about the ATAL BHUIAL YOINA.

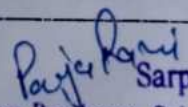
अटल भुजल के अंतर्गत आज दिनांक 07/02/24 को ग्राम पंचायत सबलपुर में वसुंधरा सती/सती पूजा रानी की अध्यक्षता में ग्राम पंचायत जल स्वच्छता समिति की बैठक का आयोजन किया गया। बैठक में संचालक के द्वारा ग्राम पंचायत जल स्वच्छता समिति की बैठक में निर्णयित पर चर्चा की गई।

1. ग्राम पंचायत जल स्वच्छता समिति का पुनर्गठन किया जा रहा।
2. किसानों के खेत में ड्रिप और फुवारा सिंचन बिस्तर लगाया जा रहा।
3. ग्राम पंचायत में स्कूल या भवन में शीशु पिट व AT RUMS बनाये जा रहे।
4. खेत में ड्रिप सिंचन में पानी की पुर्वाह की व्यवस्था की जा रही।
5. खेत में फसल उपरोध प्रभाव की व्यवस्था की जा रही।

उपरोक्त कार्य की जल सुरक्षा नीति में पारित किया गया और संचालक कार्य करवाये जा रहे। इन कार्य की लिखित ग्राम पंचायत जल स्वच्छता समिति की बैठक में संचालक अध्यक्ष की अध्यक्षता में सती की बैठक किया गया।

RESOLUTIONDate: 07/02/2024

It is hereby resolved that the Water Budget/ Water Security Plan (WSP) of Gram Panchayat.....Sabalpur
Block/Taluk/Mandal Saraswati Nagar District-Yamunanagar, 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 07/02/2024

Sr. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting	POOJA RANI	 Sarpanch Gram Panchayat Sabal Pur Block, Saraswati Nagar (YNR)
2	Gram Panchayat Secretary	Jasvinder Singh	

ATTENDANCE SHEET

Gram Panchyat:-

Sarbalpur

Meeting:-

Aimbekon Bhawan

BLOCK:- Sarawati nagar DISTRICT:- Yamuna Nagar

Sr. No	Name	Gender M/F	Category OBC/SC/ST	Occupation	Are you a member of any committee (Yes/No)	If yes name of the committee	Phone No.	Signature
1	Pooja vragi	F	BC	Sarpanch	Yes	V.V.S.C	9416547021	Pooja Ravi
2	Yashvir	F	BC	Panch	Yes	V.V.S.C	7015576099	Yashvir
3	Pooja vragi	F	BC	Panch	Yes	V.V.S.C	8295016487	पूजा
4	Manoj	M	BC	Farmer	Yes	V.V.S.C	7357174479	Gaurav
5	Uma Devi	F	SC	Teacher	Yes	V.V.S.C	9034408191	उमा
6	Purvesh Kumar	M	BC	Farmer	Yes	V.V.S.C	7092325752	Purvesh Kumar
7	Arun	F	BC	A.W.W	Yes	V.V.S.C	9930737263	Arun
8	Laxmi Devi	F	SC	Panch	Yes	V.V.S.C	8814014229	लक्ष्मी देवी
9	Ram Singh	M	SC	Farmer	Yes	V.V.S.C	9817944465	Ram Singh
10	Purvesh Kumar	M	BC	Farmer	Yes	V.V.S.C	9053229943	Purvesh Kumar
11	Suresh	M	BC	Farmer	Yes	V.V.S.C	9513035511	Suresh
12	Shafiq	M	SC	operator	Yes	V.V.S.C	9671640371	Shafiq
13	Meera vragi	F	BC	A.W	Yes	V.V.S.C	9607937358	मीरा देवी
14	Pranav Singh	M	BC	Farmer	No	—	767000058	Pranav Singh
15	Smit	M	SC	Labour	No	—	8995996716	Smit
16	Shilal Devi	F	SC	Jal Sakeli	Yes	V.V.S.C	7700092526	Shilal
17	Jai Kumar	M	BC	Farmer	No	—	8607903369	Om Singh

Sr. No	Name	Gender M/F	Category OBC/SC/ST	Occupation	Are you a member of any committee (Yes/No)	If yes name of the committee	Phone No.	Signature
18	Suresh	M	Gen	Farmer	No	—	96932325	GT1412
19	Sai Kumar	M	SC	Farmer	No	—	905398676	GT1412
20	Ganpat Kaur	F	BC	H.W	No	—	8930059856	Ganpat Kaur
21	Meena Kaur	F	SC	H.W	No	—	9671640304	meena
22	Chander Singh	M	Gen	Farmer	No	—	9671430061	Chander Singh
23	Meenakshi	F	SC	H.W	No	—	776339477	meenakshi
24	Krishna	M	SC	Labour	No	—	9914 089391	GT1412