

Water Security Plan Report

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Date : 30/ 03/ 2024 Time : 12:31 PM User Name : SPMU_Haryana_6

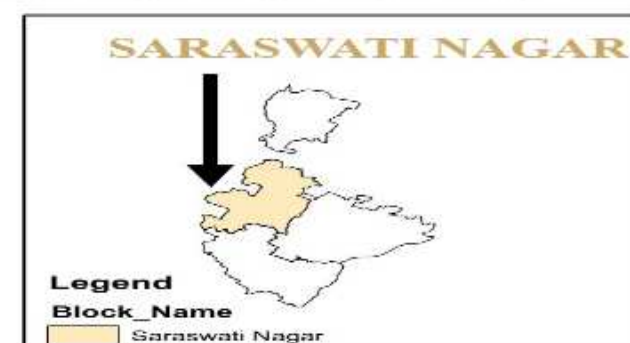
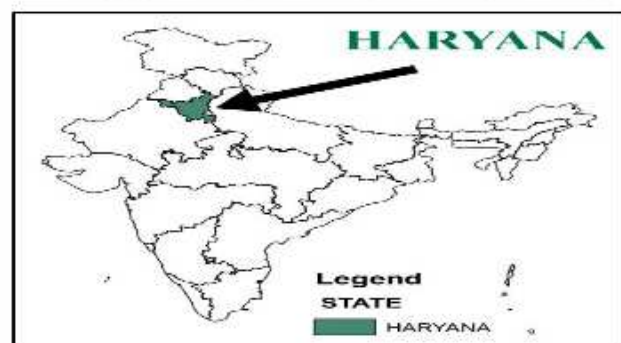
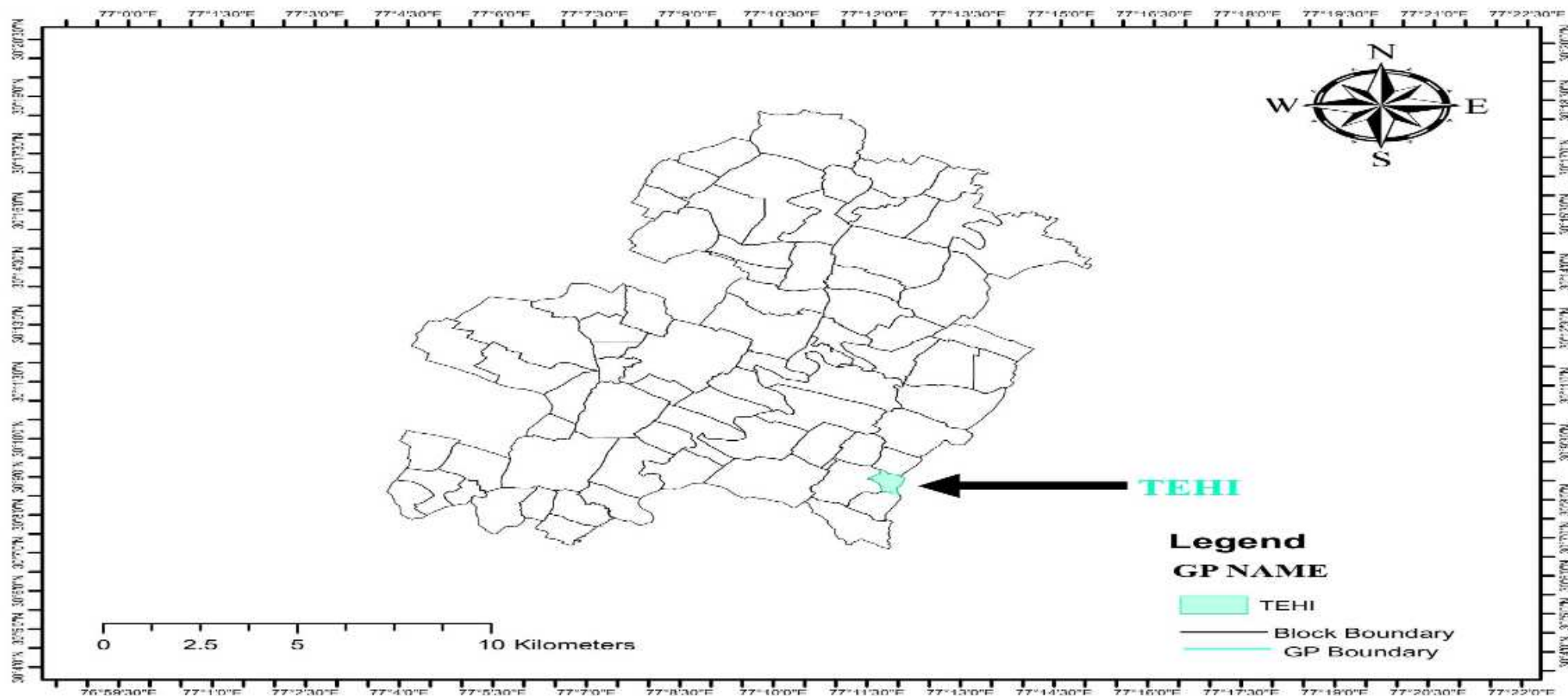
STATE: HARYANA_6 » DISTRICT: YAMUNANAGAR_76 » BLOCK: SARASWATI NAGAR_563 » GRAM PANCHAYAT: TEHI_298072 » YEAR: 2024-25 »

Gram Panchayat Information

State:	Haryana_6	District:	Yamunanagar_76
Block / Taluk :	Saraswati Nagar_563	GP Name :	Tehi_298072
GP ID :	298072	Block Area (Ha) :	20267.2000
GP area (Ha) :	54.2900	Watershed Code :	CHNG001
Watershed name :	CHAUTANG NADI	Watershed area in Block / Taluk (Ha) :	286446.27
Sub-basin Code :	1	Sub basin name :	Chautang and Others
Basin Code :	11	Basin Name :	Ghaghar

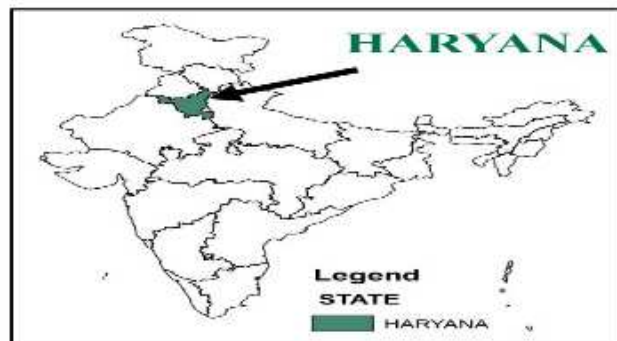
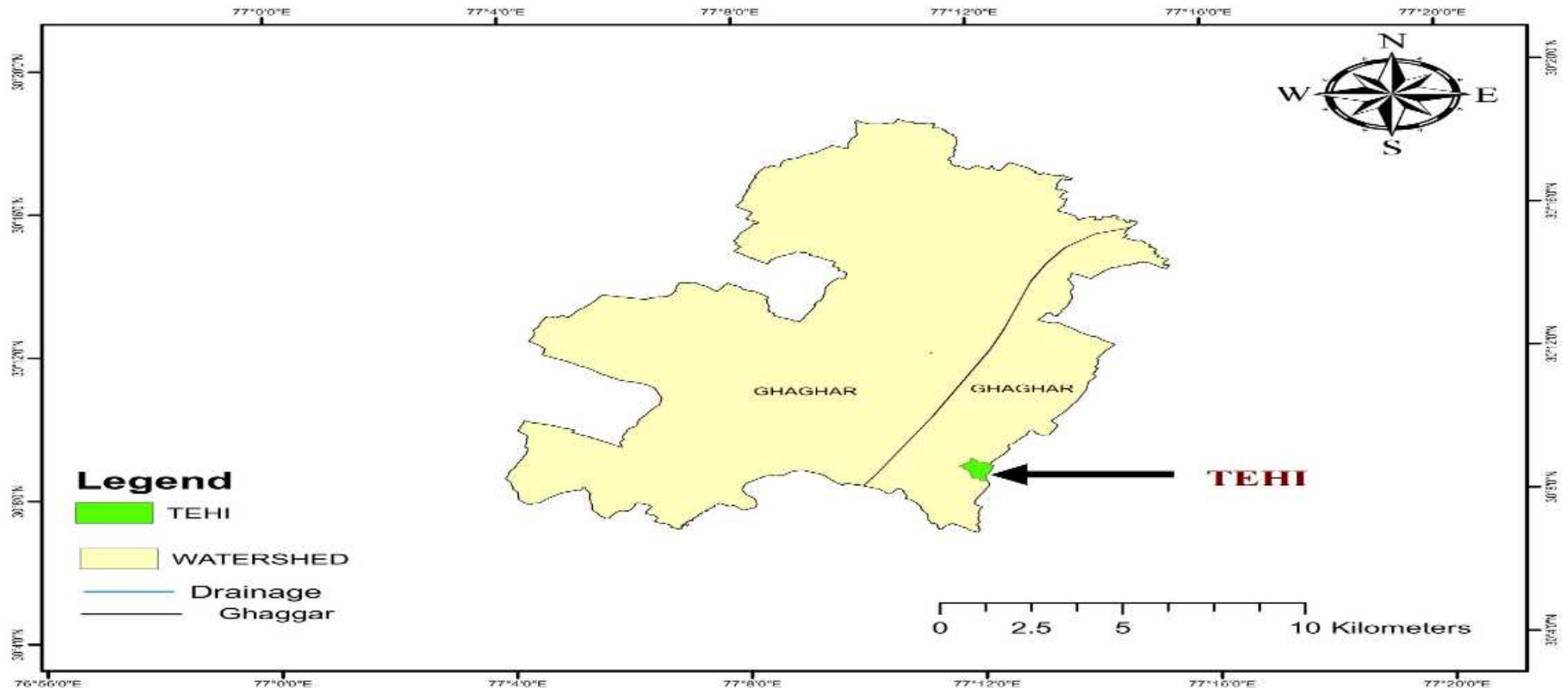
Location Map

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



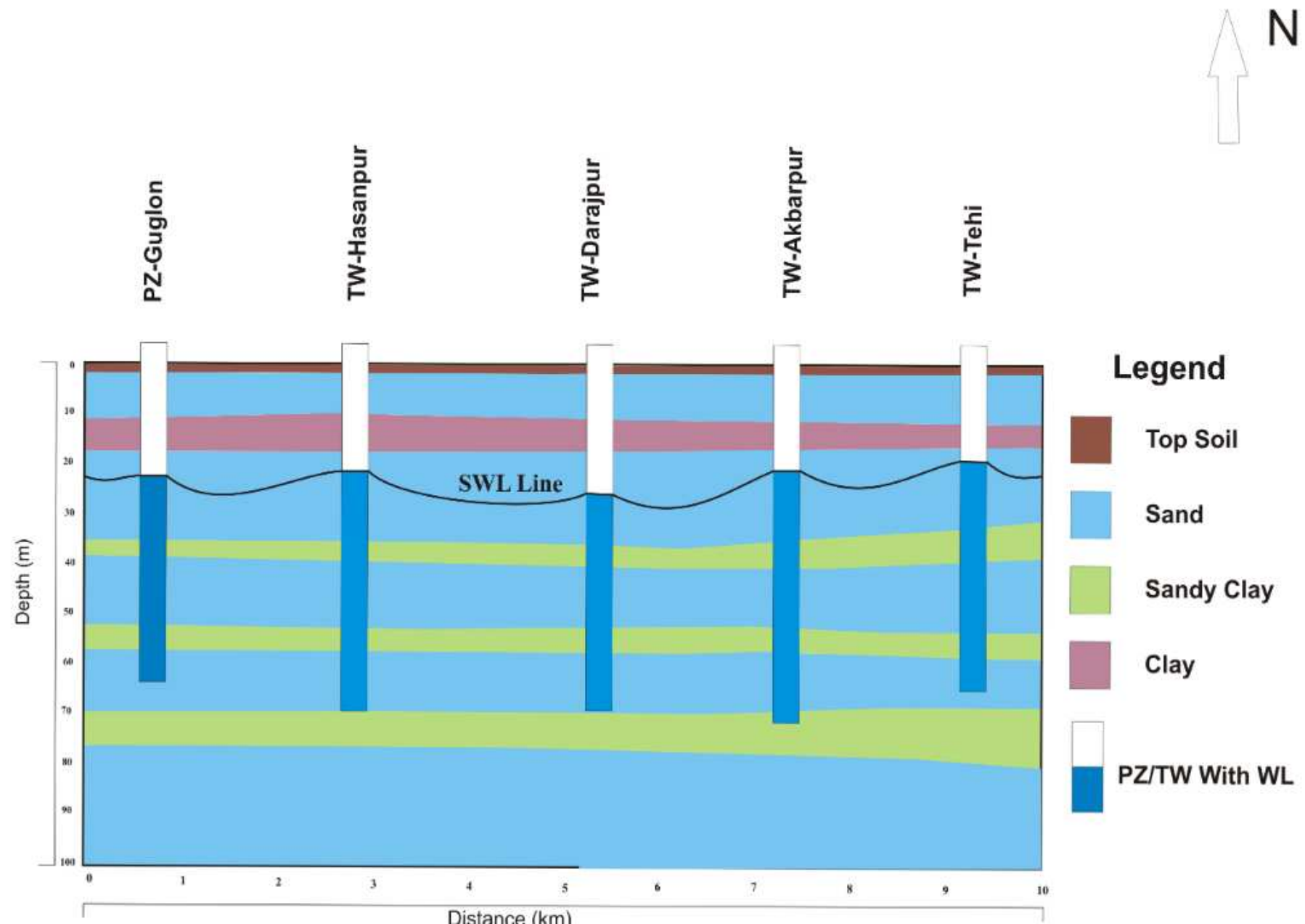
Watershed Map

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



Aquifer Map

Aquifer Map of Guglon, Hasanpur, Darajpur , Akbarpur, Tehi 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	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	22.80	2024-02-10
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	22.97	2024-01-16
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	23.01	2023-12-23
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	23.23	2023-11-30
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	22.35	2023-10-30
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	22.40	2023-09-30
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	22.70	2023-08-31
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	23.25	2023-07-30
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	24.49	2023-06-30
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	23.62	2023-05-22

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
	Tehi	Near ravidas mandir	30.14663	77.19608	2023-04-13	298072-001	Tube Well		Government	SGWB	0.20	36.57	0.50	22.93	2023-04-13
2	Tehi harijan	Near aagnwadi	30.14739	77.19822	2024-02-10	074706-002	Bore Well	null	Private	null	0.1200	60.00	0.00	22.85	2024-02-10

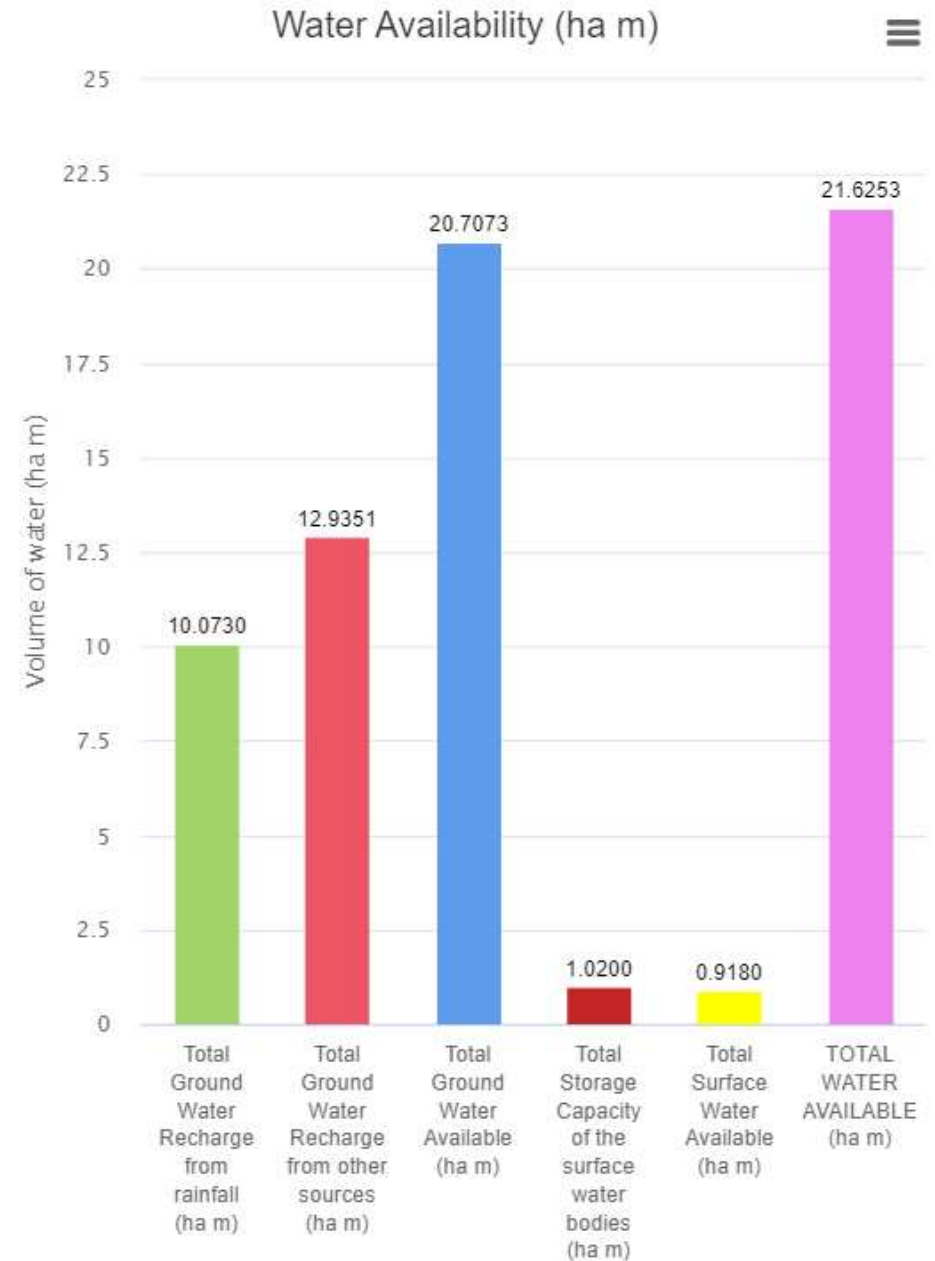
Ground Water Quality

S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	Tehi Harijan	Tehi Harijan	30.143221	77.197945	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_Tehi Harijan _001
2	Tehi Harijan	Tehi Harijan	30.140579	77.198837	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_Tehi Harijan _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_Tehi Harijan _001	30	UNCONFINED	7.4	919	560	188	36	23.8	38	1.1	0	254	62	89	0.61	9.5
2	ABY_YMR_S NAGAR_Tehi Harijan _002	27	UNCONFINED	7.2	847	513	172	30	23.5	32	0.8	0	244	56	82	0.59	6.5

Water Availability Report

Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	1785.7400
b.	Estimated Volume of Rainfall (ha m)	96.9478
c.	Evapotranspiration rate (mm)	449.7500
d.	Estimated Evapotranspiration losses (ha m)	24.4169
e.	Estimated Water Available From Rainfall (ha m)	72.5309
f.	Weighted Average Runoff Coefficient	0.3000
g.	Rainfall Runoff(ha m)	21.7593
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	8.0765
(ii)	Non-Monsoon	1.9965
	Total Ground Water Recharge from rainfall (ha m)	10.0730
b.	Ground Water Recharge from other sources (ha m)	
(i)	Monsoon	7.4878
(ii)	Non-Monsoon	5.4473
	Total Ground Water Recharge from other sources (ha m)	12.9351
c.	Losses Due to Natural Discharge (ha m)	2.3008
	Total Ground Water Available (ha m)	20.7073
d.	Ground Water Withdrawal (ha m)	41.7544
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	1.02
	Total Storage Capacity of the surface water bodies (ha m)	1.0200
(ii)	Losses if Any (%)	10.0000
(iii)	Surface Water Available in Storages (ha m)	0.9180
b.	Transported Water from outside GP area (ha m)	
	Total Surface Water Available (ha m)	0.9180
4.	TOTAL WATER AVAILABLE	
	TOTAL WATER AVAILABLE (ha m)	21.6253



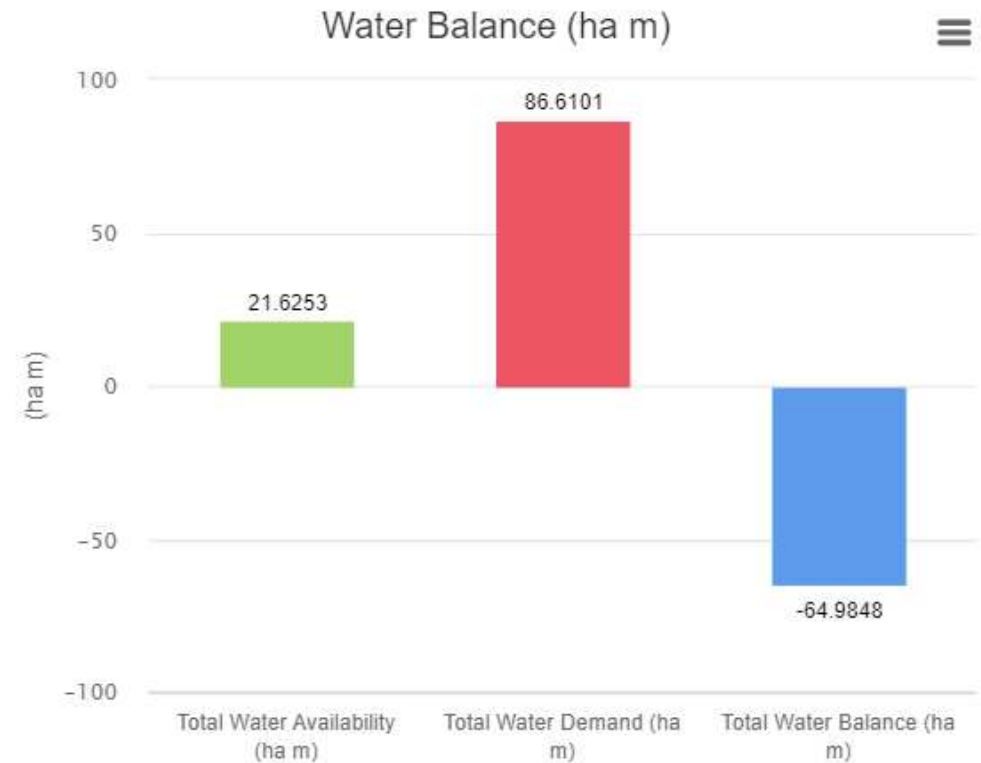
Water Demand Report

Water Demand		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	0.1590
ii)	From Ground Water	3.6011
	Total Drinking /Domestic (ha m)	3.7601
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	82.8500
	Total Irrigated Agriculture (ha m)	82.8500
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

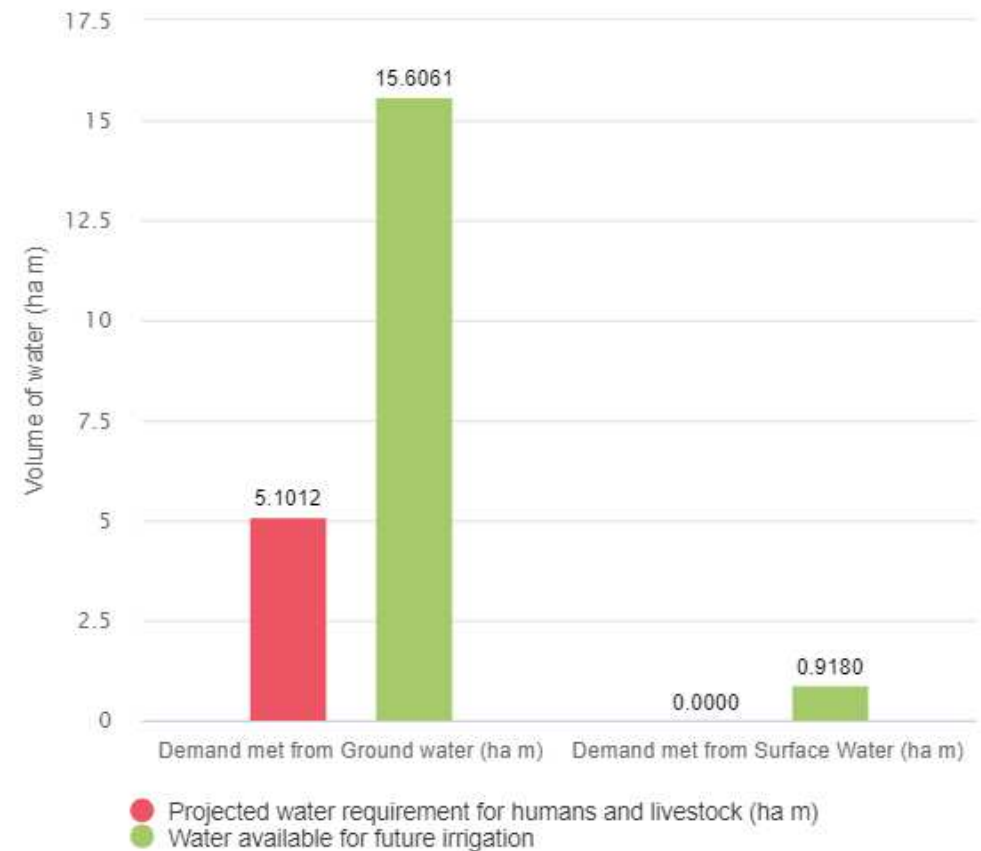
Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	20.7073
ii)	Total Surface Water Available	0.9180
	Total Water Availability (ha m)	21.6253
B	Water Demand (ha m)	
i)	Total Surface Water Demand	0.1590
ii)	Total Ground Water Demand	86.4511
	Total Water Demand	86.6101
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-65.7438
ii)	Total Surface Water Balance	0.7590
	Total Water Balance	-64.9848



Water Budget Report

A Allocation for Drinking & Domestic Requirements	
I Humans	
i) Present Human Population	1081.0000
ii) Annual population growth rate (r)	1.2000
iii) No. of years	27.0000
iv) Projected human population (as in 2050)	1492.0000
v) Per capita requirement (L)	55.0000
vi) Projected water requirement for humans (as in 2050) (ha m)	2.9952
II Livestock	
i) Present livestock population	355.0000
ii) Annual population growth rate (r)	1.0460
iii) No. of years	27.0000
iv) Projected livestock population (as in 2050)	470.0000
v) Average per capita requirement (L)	122.7606
vi) Projected water requirement for livestock (as in 2050) (ha m)	2.1060
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)	5.1012
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)	5.1012
iv) Demand met from Surface water (ha m)	
C Water available for future irrigation	
i) Ground Water	15.6061
ii) Surface water	0.9180
iii) Total water available for future irrigation	16.5241

Projected Water Budget for future use (for year 2050)

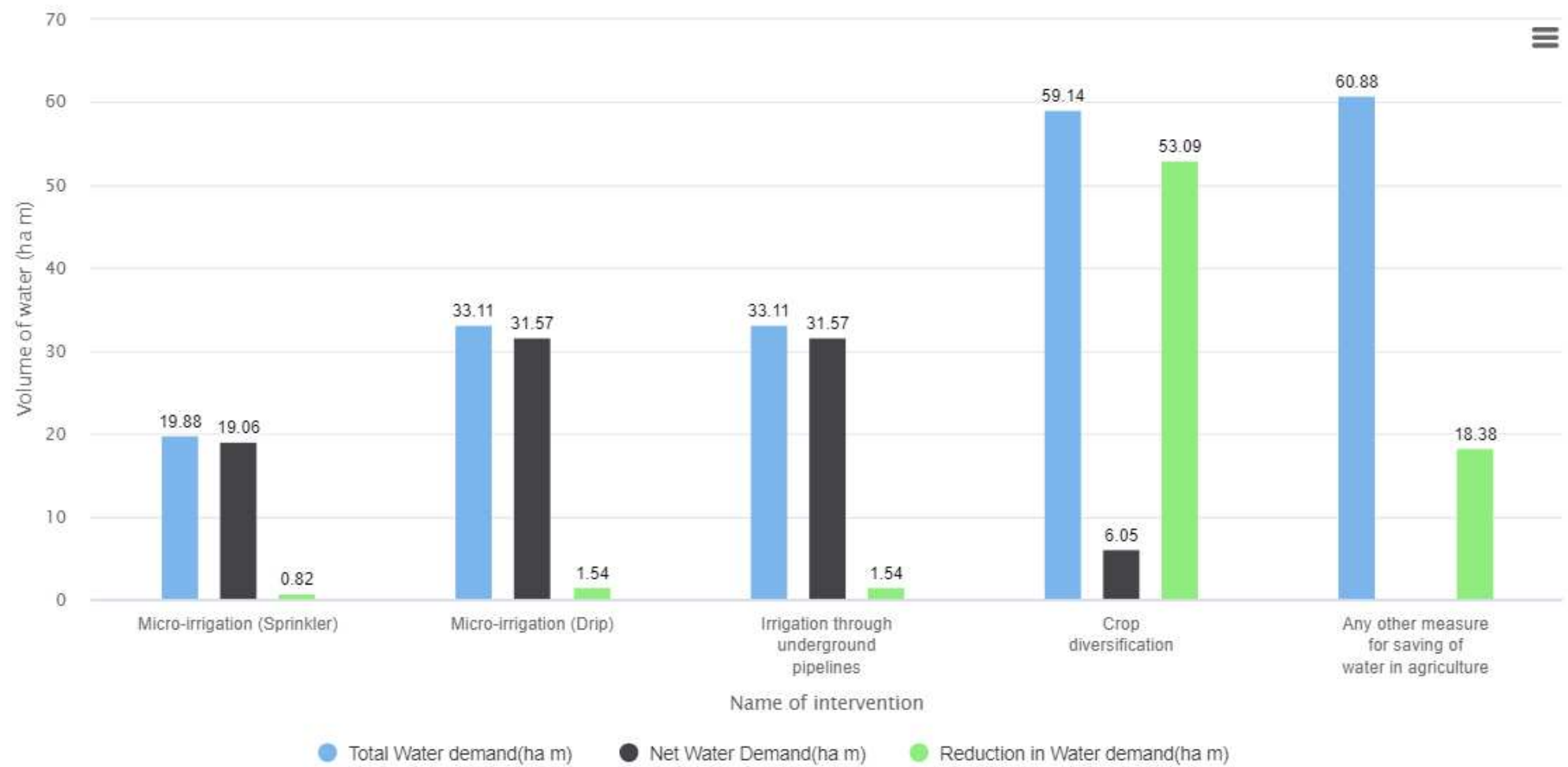


Demand Side

Total Area under Conventional Irrigation (ha) : 91.06

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	5.0000	19.8800	19.0600	0.8200	5.6000
2	Drip	7.0000	33.1100	31.5700	1.5400	10.7100
3	Pipelines	7.0000	33.1100	31.5700	1.5400	1.7500
4	Crop Diversification	11	59.1400	6.0500	53.0900	1.9000
5	Other Measures	67.0000	60.8800	--	18.3800	4.4500
	Total	97.0000	206.1200	88.2500	75.3700	24.4100

Funding Source						
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
1	Other Measures	25	2024-25	Agriculture & Farmer Welfare Department	Rashtriye Krishi VikasYojan (RKVY)	0.925
2	Sprinkler	5	2024-25	MICADA	PMKSY(Per Drop More Crop)	5.6
3	Drip	7	2024-25	MICADA	PMKSY(Per Drop More Crop)	10.71
4	UG Pipelines	7	2024-25	Agriculture & Farmer Welfare Department	Other	1.75
5	Crop Diversification	11	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	1.90
6	Other Measures	1	2024-25	Department of Horticulture	Other	1
7	Other Measures	21	2024-25	Agriculture & Farmer Welfare Department	Scheme for Management of Crop Residue	0.525
8	Other Measures	20	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	2
	Total	97				24.4100

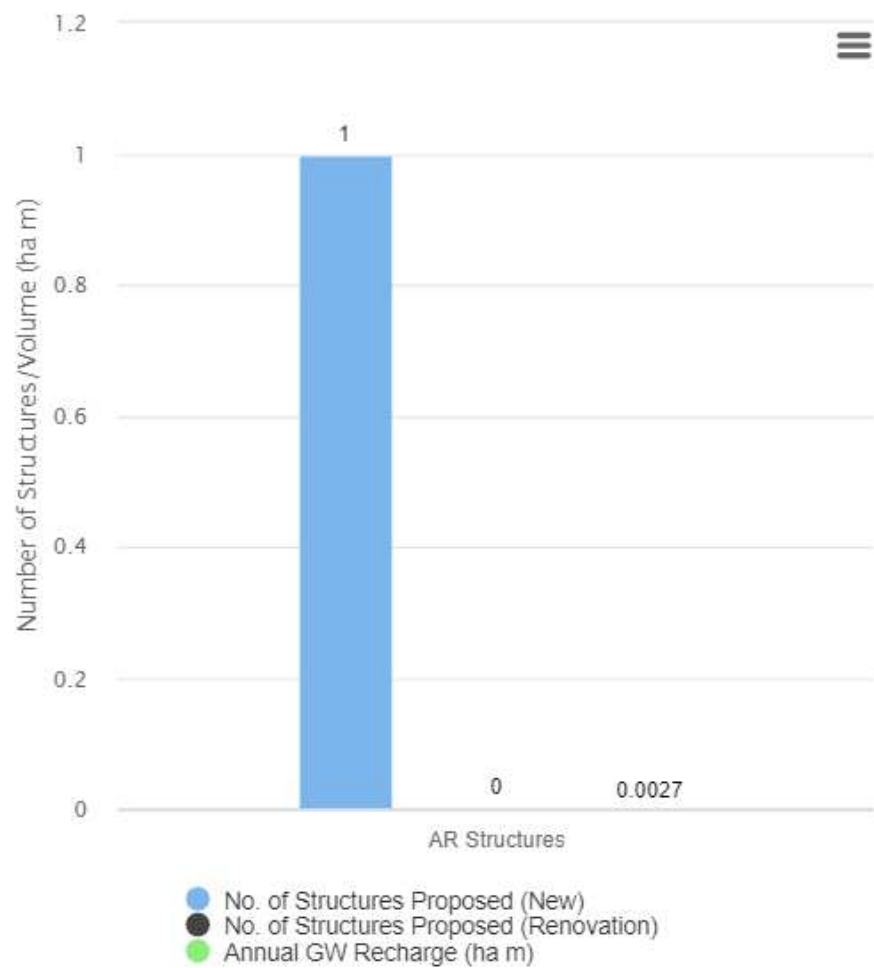


Supply Side

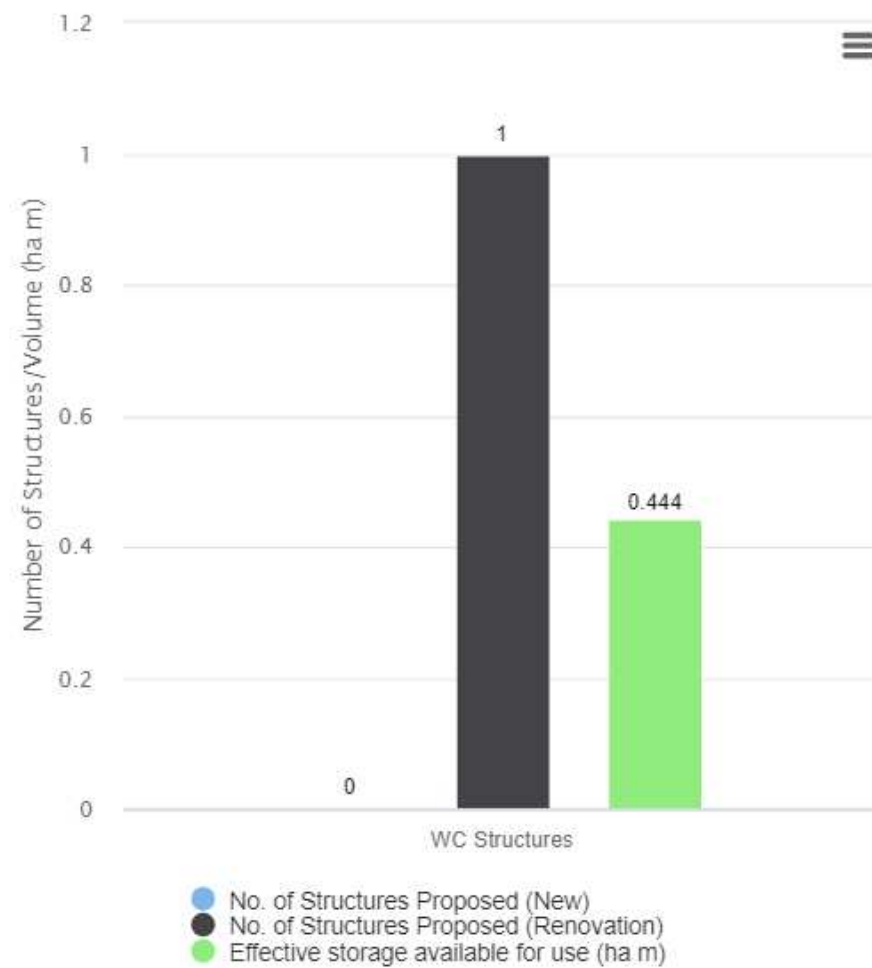
Supply Side (Artificial Recharge Structures)										
SR No	Name of Structure	Storage Capacity(ha m)	Annual GW Recharge(ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
1	Rechage Pit And Shaft(New)	0.0018	0.002700	Tehi	30.1448	77.1974	2024-25	Rural Department and Panchayati Raj	MGNREGA	0.64
	Total	0.0018	0.0027							0.6400

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)	0.74	0.444	Tehi	30.1428	77.1931	2024-25	Rural Department and Panchayati Raj	Amrit Sarovar	10.27
	Total	0.7400	0.4440							10.2700

Supply Side (Artificial Recharge Structures)



Supply Side (Water Conservation Structures)



PGWM Committee

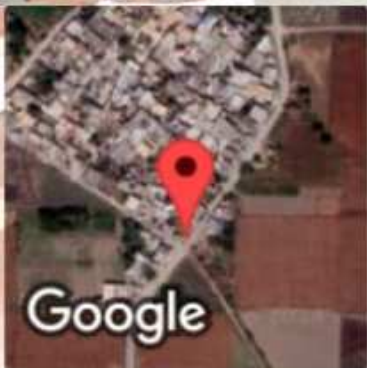
PGWM Committee (VWSC/WUA/CBO)				
Sr.no	Name	Designation	Gender	Mobile /Landline No.
1	KARAMJEET	MEMBER	Male	9355250019
2	ANJU	MEMBER	Female	8813098460
3	RAJNI DEVI	MEMBER	Female	
4	REENA DEVI	MEMBER	Female	9671232035
5	KAMLESH RANI	MEMBER	Female	9992399936
6	DARSHANI	MEMBER	Female	9813538372
7	MAMTA	MEMBER	Female	9728105718
8	RAMESH KUMAR	CHAIEPERSON	Male	8708355908
9	RADHA RANI	MEMBER	Female	999295016
10	RAHUL	MEMBER	Male	9728899665
11	AMIT KUMAR	MEMBER	Male	8030302882
12	AAKASH KUMAR	MEMBER	Male	
13	KRISHNA DEVI	MEMBER	Female	9671232835
14	GURPREET SINGH	JE	Male	9053779442

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	Tehi_298072	2024-02-10	Tehi_298072	Tehi	ravidas mandir	12	13	0	25

Photograph



GPS Map Camera



Tehi, Haryana, India

Unnamed Road, Tehi, Haryana 135002, India

Lat 30.147263°

Long 77.198322°

10/02/24 11:53 AM 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 Tehi 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


Executive Engineer;
HKB Division No. 1
Jagadhri


IEC, EXPERT
ATAL BHUJAL YOJANA (DPMU)
YAMUNA NAGAR

Tarveen Kumar
DPMU G.W.E

Minutes of Meeting

Village Name: TEHI HARIJAN

Block: Saraswati Nagar

District: Yamunanagar

Meeting Place: GURU RAVIDASS MANDIR Lat. No. 30.147263°

Long No. 77.198322°

Date: 10/2/2024

Agenda of Meeting: Discuss with members about the ATAL BHUJAL YOJNA.

अटल भूजल योजना के
अन्तर्गत आज दिनांक 10/02/2024 को ग्राम पंचायत
टेही हरिजन में सरपंच श्री/श्रीमती RAMESH KUMAR
की अध्यक्षता में जल सुरक्षा योजना की बैठक का
आयोजन किया गया जिसमें निम्नलिखित विंदुओं पर
चर्चा की गई! →

⇒ ग्राम पंचायत में जोड़ का पुनर्निर्माण किया जाए।

⇒ रिचार्ज के लिए भूमिगत पारंपलान की व्यवस्था की जाए

⇒ खेतों में DSR विधि से धान की बुवाई की व्यवस्था की जाए।

⇒ किसानों के खेतों में ट्रिप व मक्कारा रिचार्ज विधि लागू करा जाए।

⇒ ग्राम पंचायत में स्कूलों व धर्मशाला में शोकेज पिट व
RTRWMS बनवाए जाए।

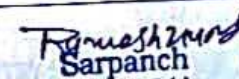
उपरोक्त सभी विषयों पर विस्तार से चर्चा करके
बैठक में उपस्थित सभी सदस्यों व सरपंच की
सहयता से जल सुरक्षा योजना के प्रस्ताव
को पारित किया गया

ANNEXURE III

RESOLUTION

Date: 10-02-2024

is hereby resolved that the Water Budget/ Water Security Plan (WSP) of Gram Panchayat.....TEHI
lock/Taluk/Mandal SARASWATI NAGAR District-Yamunanagar, State-Harayana is complete in all respect and has
een prepared through consultative process including the members of Village Water and Sanitation Committee
VWSC) /equivalent Committee and was approved in the meeting held on 10/02/2024.

Sr. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting	TRAMESH KUMAR	 Sarpanch Gram Panchayat, Tehi Block, Saraswati Nagar (YNR)
2	Gram Panchayat Secretary	SH. SONDER Singh	

Gram Panchayat:- TEHTI HARISAN Meeting:- RAVIDASS MANDIR Block:- Saraswati 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.	Ramesh	M	S.C	Handicraft worker	Yes	सरपंच	8708388908	Ramesh Kumar
2.	Sulochna	F	S.C	H.W	Yes	self help	9050383637	सुलोचना
3.	राजो देवी	F	S.C	H.W	Yes	self help	8313099367	राजो देवी
4.	सोना देवी	F	S.C	H.W	Yes	self help	8168423636	Sona Devi
5.	जमेश	F	S.C	H.W	Yes	self help	8053951402	सोना देवी
6.	Neha	F	S.C	worker	Yes	V.W.S.C	9992650580	जमेश
7.	Komal Rani	F	S.C	worker	Yes	V.W.S.C	9991337452	नेहा
8.	शरोज देवी	F	S.C	worker	Yes	V.W.S.C	893037415	Komal Rani
9.	रेखा देवी	F	S.C	A.W.W	Yes	आंगनवाडी	9992399935	रेखा देवी
10.	हरिचंद	M	S.C	Farmer	No	-	9813538572	Harichand
11.	Gurman Singh	M	S.C	Worker	Yes	operator	9728767066	गुरमन सिंह
12.	श्री धर्मपाल	M	S.C	Painter	Yes	V.W.S.C	7988687644	Dharm Pal
13.	SATPAL	M	S.C	चौकदार	Yes	V.W.S.C	9813322837	सतपाल
14.	Sanjeev Kumar	M	S.C	Labour	No	-	9991149374	राजीव कुमार
15.	Rajeev	M	S.C	Sweeper	Yes	V.W.S.C	9750292183	राजीव
16.	Ajay Kumar	M	S.C	Farmer	No	-	9813322857	Ajay Kumar
17.	Rajn Kumar	M	S.C	worker	Yes	V.W.S.C	8396999183	राज कुमार

G.P - TEHI

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