

Water Security Plan Report

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Date : 30/ 03/ 2024 Time : 12:27 PM User Name : SPMU_Haryana_6

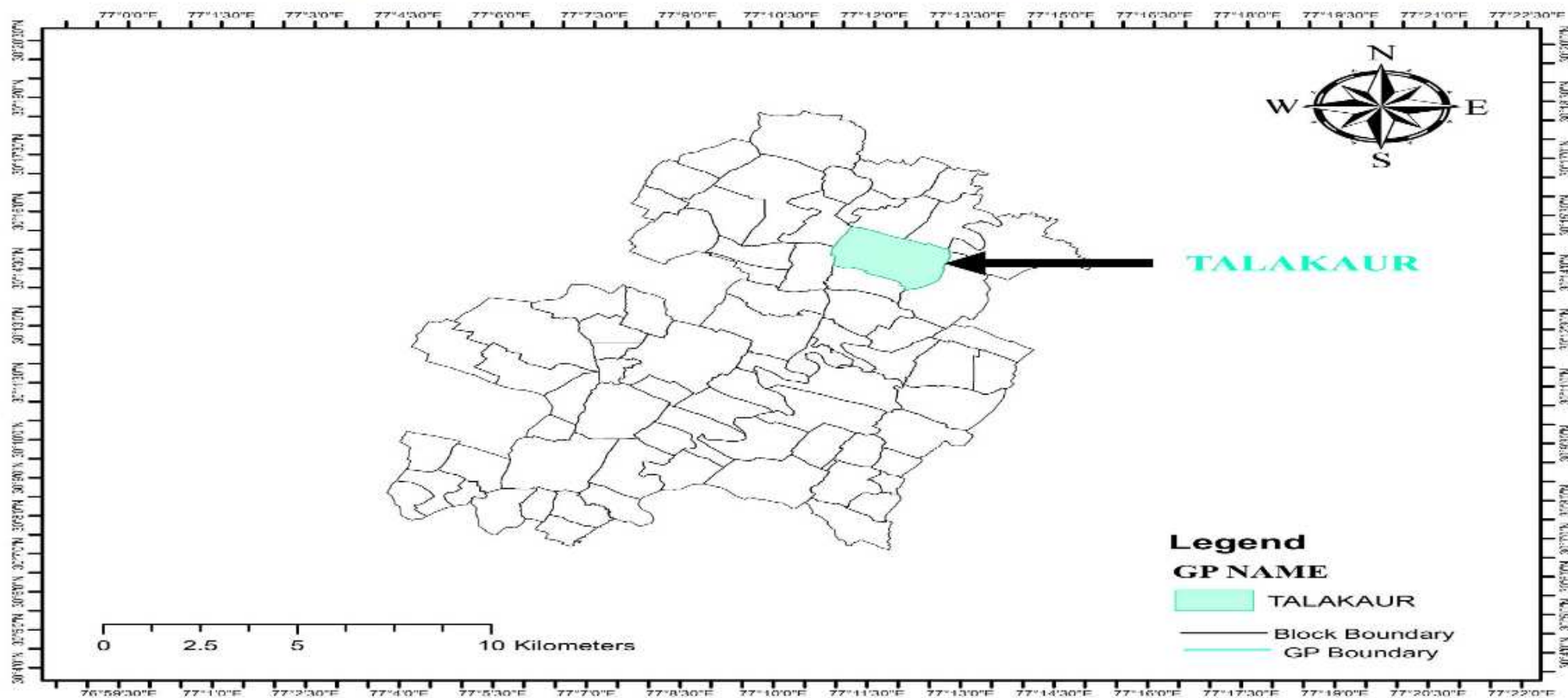
STATE: HARYANA_6 » DISTRICT: YAMUNANAGAR_76 » BLOCK: SARASWATI NAGAR_563 » GRAM PANCHAYAT: TALAKAUR_33476 » YEAR: 2024-25 »

Gram Panchayat Information

State:	Haryana_6	District:	Yamunanagar_76
Block / Taluk :	Saraswati Nagar_563	GP Name :	Talakaaur_33476
GP ID :	33476	Block Area (Ha) :	20267.2000
GP area (Ha) :	578.0000	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

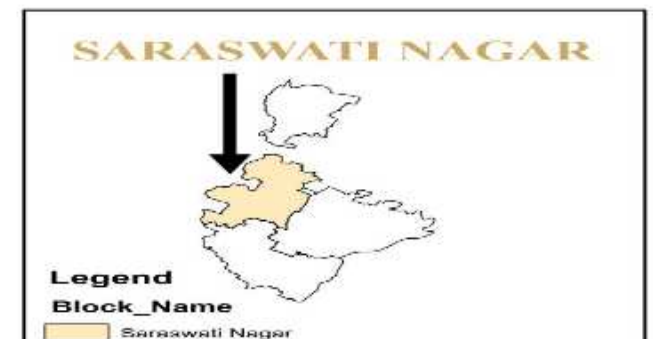
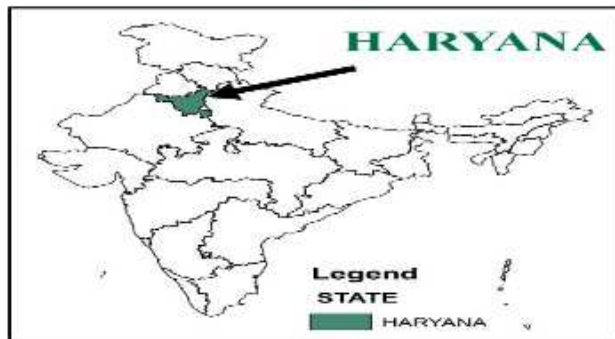
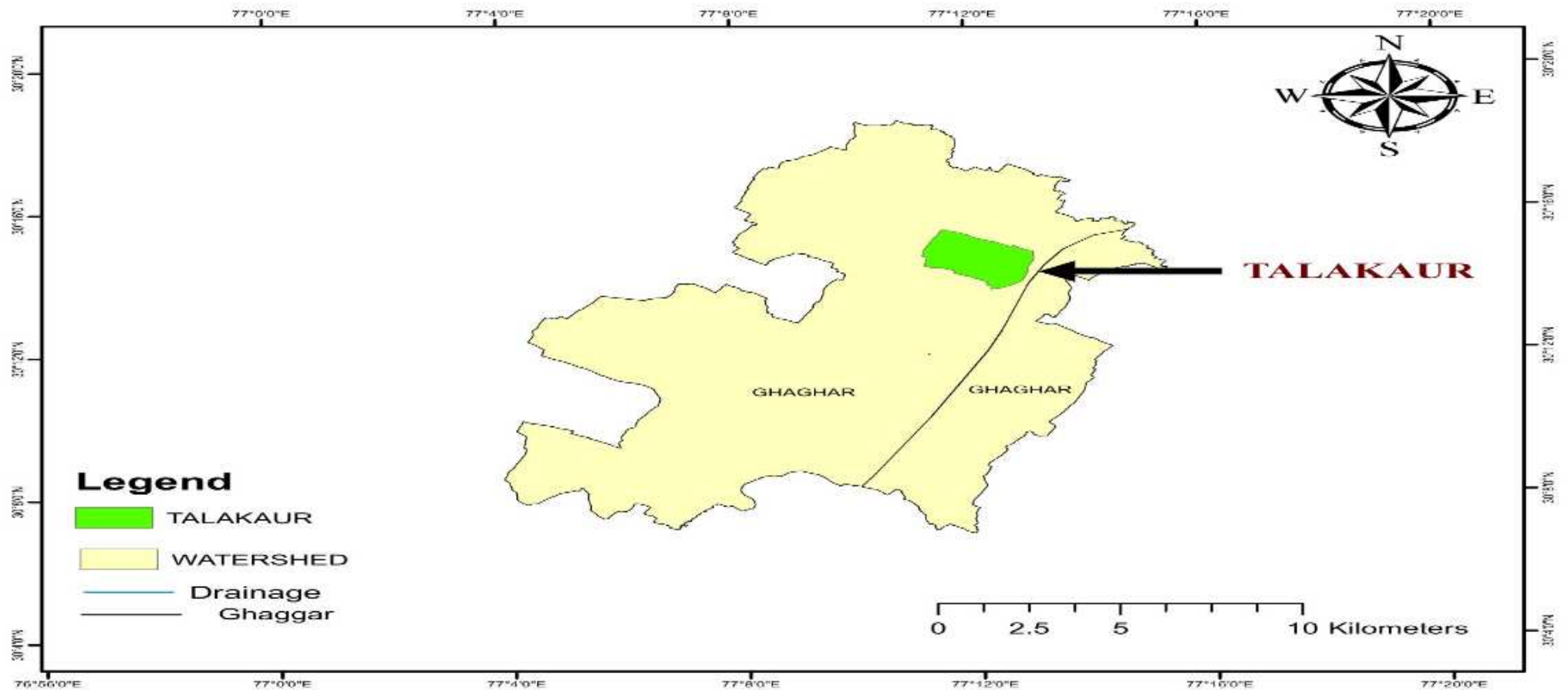
Location Map

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

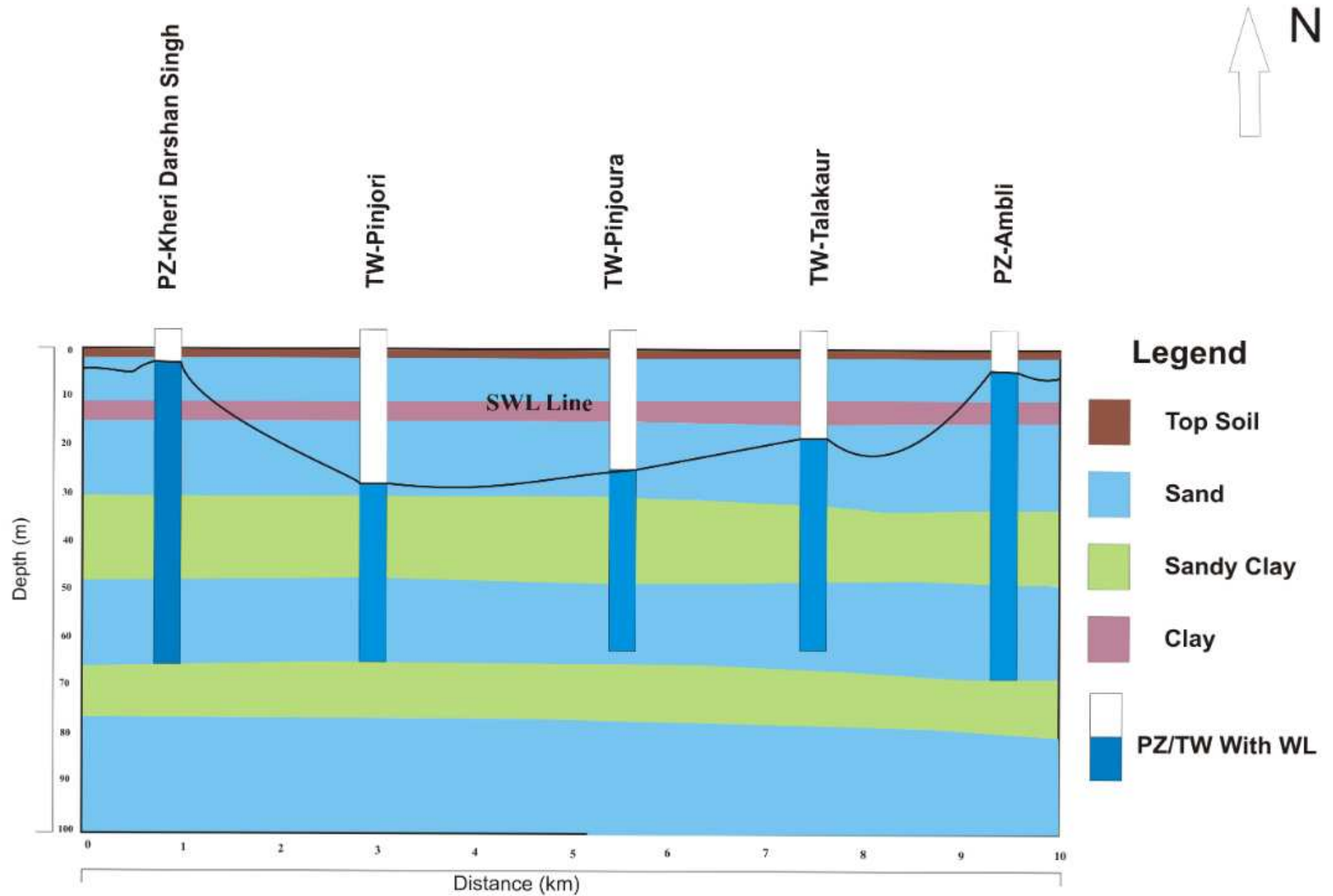


Watershed Map

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



Aquifer Map of Kheri Darshan Singh, Pinjori, Pinjoura , Talakaur, Ambli 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	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	15.80	2024-02-14
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	16.02	2024-01-22
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	18.02	2023-12-25
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	17.90	2023-11-29
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	18.85	2023-10-30
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	18.90	2023-09-29
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	19.2	2023-08-31
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	19.8	2023-07-31
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	22.7	2023-06-28
	Talakour	Near masjid	30.24545	77.20107	2023-05-23	033476-001	Dug Well		Government	SGWB	1.3000	35.30	0.20	21.4	2023-05-23
2	Talakour	Ravidass Mandir	30.24685	77.20116	2024-01-11	332048-002	Others	Summersible pump	Government	SGWB	0.1000	50.00	0.00	12.91	2024-02-14
	Talakour	Ravidass Mandir	30.24685	77.20116	2024-01-11	332048-002	Others	Summersible pump	Government	SGWB	0.1000	50.00	0.00	12.80	2024-01-22
3	Talakour	Goutam Nagar Road near PHED	30.25111	77.19644	2024-01-11	440946-003	Dug-Cum-Bore well		Private		1.2000	15.00	0.00	6.74	2024-02-14

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
	Talakour	Goutam Nagar Road near PHED	30.25111	77.19644	2024-01-11	440946-003	Dug-Cum-Bore well		Private		1.2000	15.00	0.00	6.80	2024-01-22

Ground Water Quality

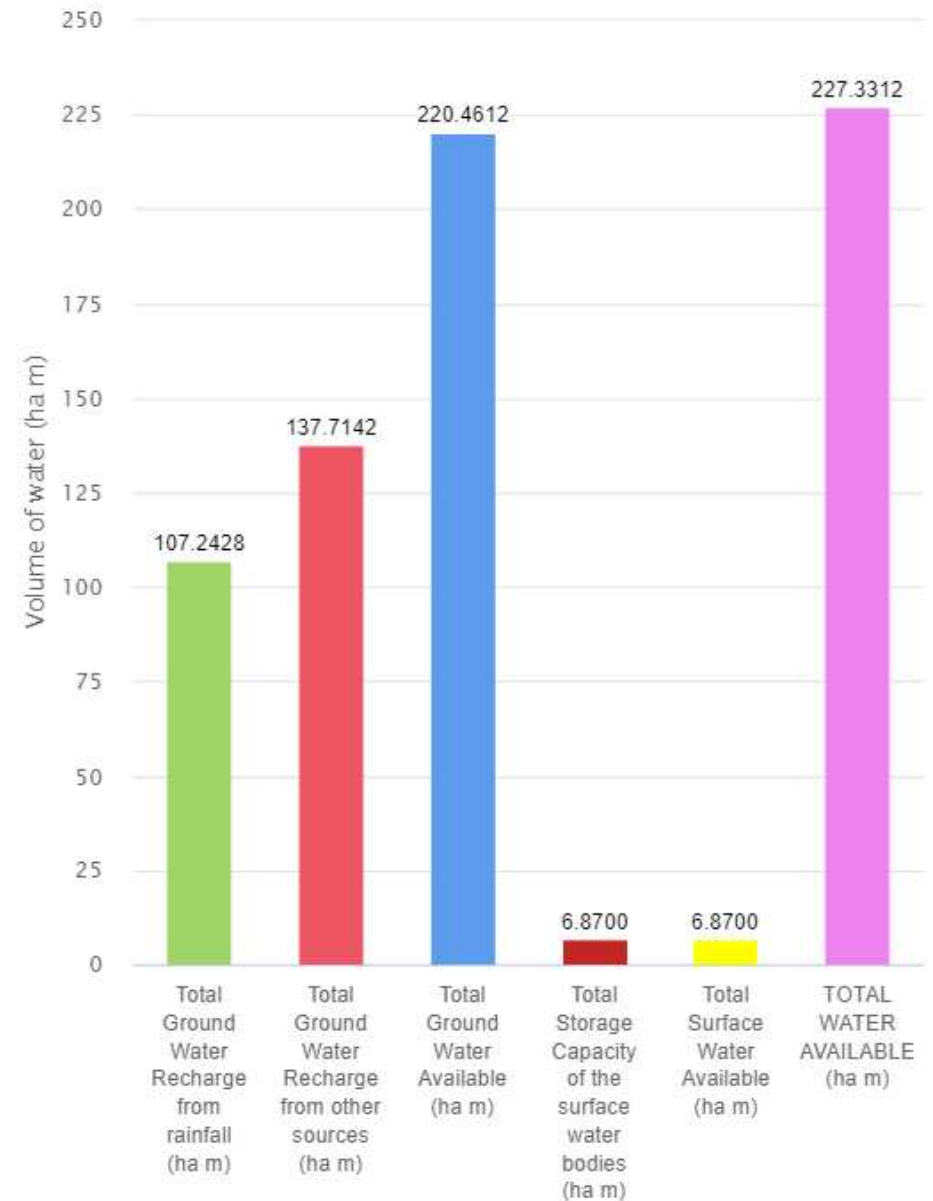
S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	Talakaur	Talakaur	30.242552	77.204559	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_Talakaur_001
2	Talakaur	Talakaur	30.244505	77.194893	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_Talakaur_002

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_Talakaur_001	160	UNCONFINED	7.5	1091	655	272	52	34.5	39	0.9	0	302	51	169	0.66	8.5
2	ABY_YMR_S NAGAR_Talakaur_002	150	UNCONFINED	8.1	1145	698	282	59	32.6	49	1.3	20	322	66	82.5	0.71	11.5

Water Availability Report

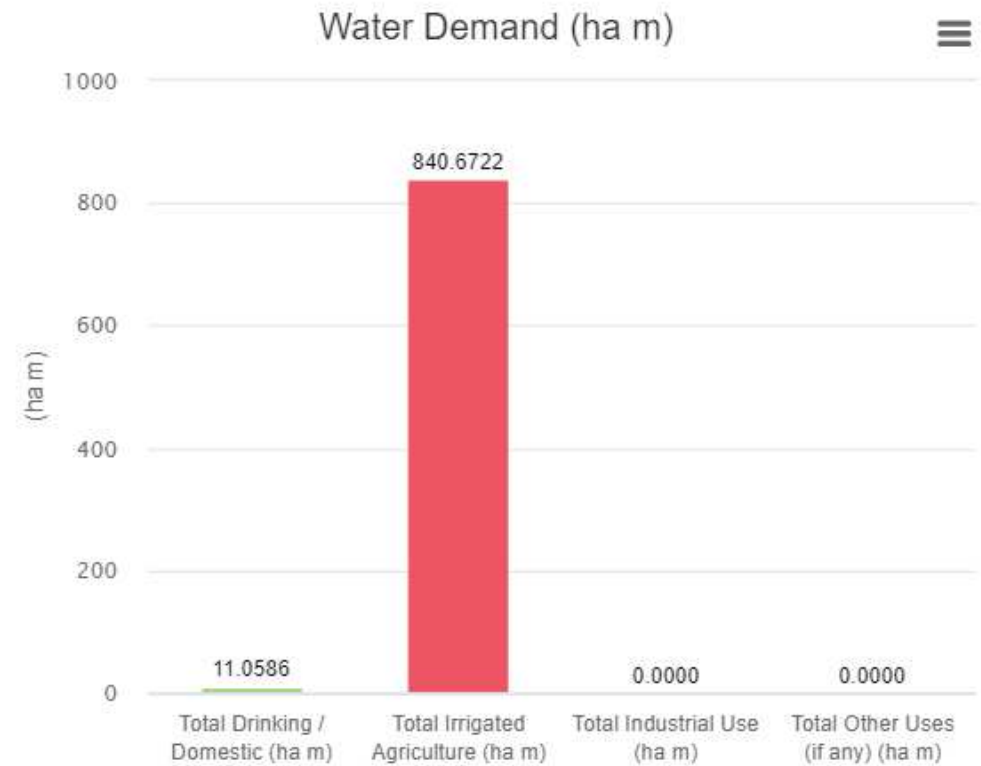
Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	1785.7400
b.	Estimated Volume of Rainfall (ha m)	1032.1577
c.	Evapotranspiration rate (mm)	449.7500
d.	Estimated Evapotranspiration losses (ha m)	259.9555
e.	Estimated Water Available From Rainfall (ha m)	772.2022
f.	Weighted Average Runoff Coefficient	0.3000
g.	Rainfall Runoff(ha m)	231.6607
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	85.9870
(ii)	Non-Monsoon	21.2558
	Total Ground Water Recharge from rainfall (ha m)	107.2428
b.	Ground Water Recharge from other sources (ha m)	
(i)	Monsoon	79.7188
(ii)	Non-Monsoon	57.9954
	Total Ground Water Recharge from other sources (ha m)	137.7142
c.	Losses Due to Natural Discharge (ha m)	24.4958
	Total Ground Water Available (ha m)	220.4612
d.	Ground Water Withdrawal (ha m)	444.5397
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	3	6.87
	Total Storage Capacity of the surface water bodies (ha m)	6.8700
(ii)	Losses if Any (%)	
(iii)	Surface Water Available in Storages (ha m)	6.8700
b.	Transported Water from outside GP area (ha m)	
	Total Surface Water Available (ha m)	6.8700
4.	TOTAL WATER AVAILABLE	
	TOTAL WATER AVAILABLE (ha m)	227.3312

Water Availability (ha m)



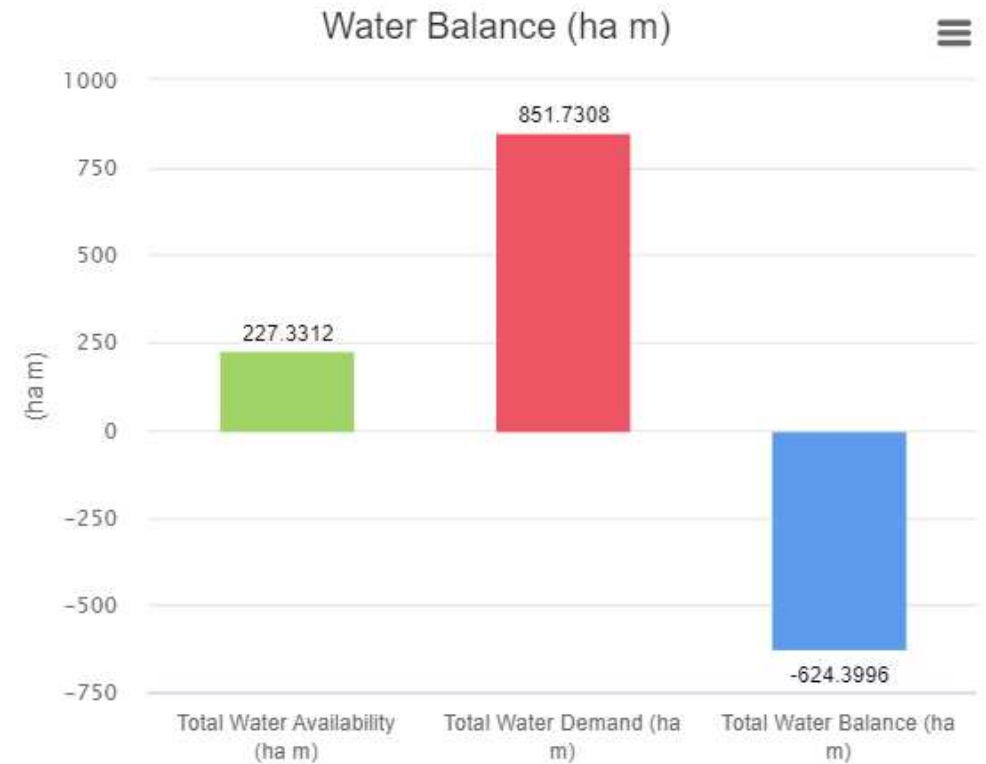
Water Demand Report

Water Demand		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	0.3499
ii)	From Ground Water	10.7087
	Total Drinking /Domestic (ha m)	11.0586
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	5.0440
ii)	From Ground Water	835.6282
	Total Irrigated Agriculture (ha m)	840.6722
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

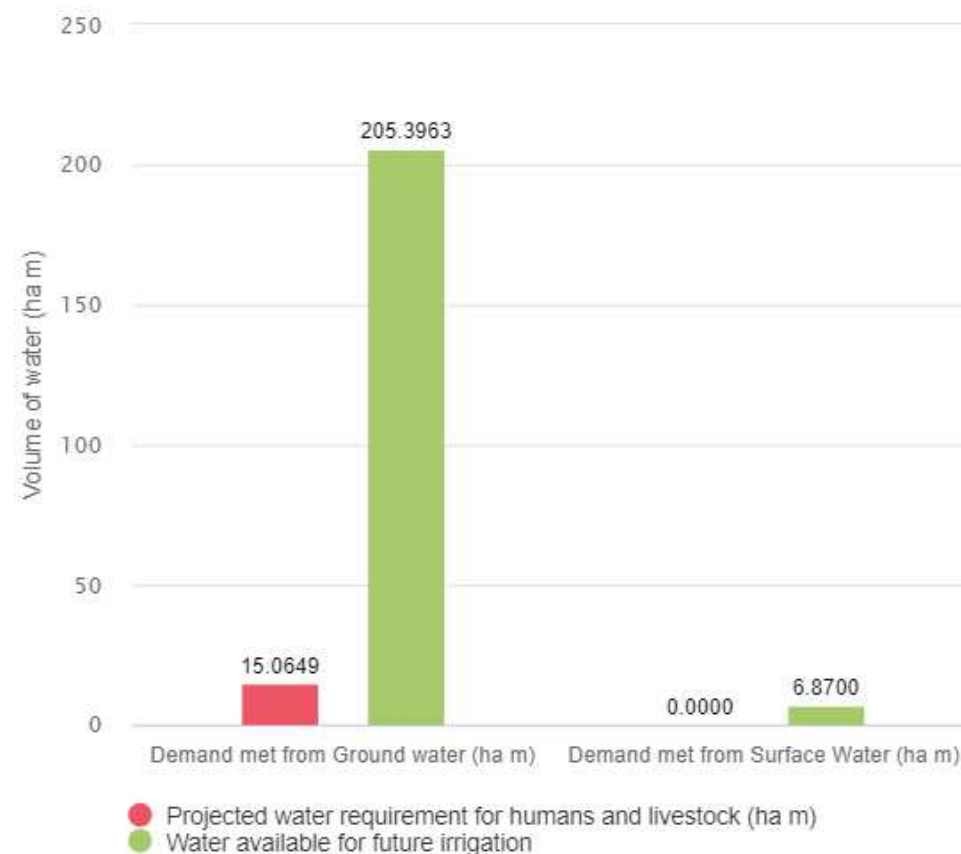
Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	220.4612
ii)	Total Surface Water Available	6.8700
	Total Water Availability (ha m)	227.3312
B	Water Demand (ha m)	
i)	Total Surface Water Demand	5.3939
ii)	Total Ground Water Demand	846.3369
	Total Water Demand	851.7308
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-625.8757
ii)	Total Surface Water Balance	1.4761
	Total Water Balance	-624.3996



Water Budget Report

A Allocation for Drinking & Domestic Requirements	
I Humans	
i) Present Human Population	3766.0000
ii) Annual population growth rate (r)	1.2000
iii) No. of years	27.0000
iv) Projected human population (as in 2050)	5197.0000
v) Per capita requirement (L)	55.0000
vi) Projected water requirement for humans (as in 2050) (ha m)	10.4330
II Livestock	
i) Present livestock population	849.0000
ii) Annual population growth rate (r)	1.0460
iii) No. of years	27.0000
iv) Projected livestock population (as in 2050)	1124.0000
v) Average per capita requirement (L)	112.9011
vi) Projected water requirement for livestock (as in 2050) (ha m)	4.6319
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)	15.0649
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)	15.0649
iv) Demand met from Surface water (ha m)	
C Water available for future irrigation	
i) Ground Water	205.3963
ii) Surface water	6.8700
iii) Total water available for future irrigation	212.2663

Projected Water Budget for future use (for year 2050)

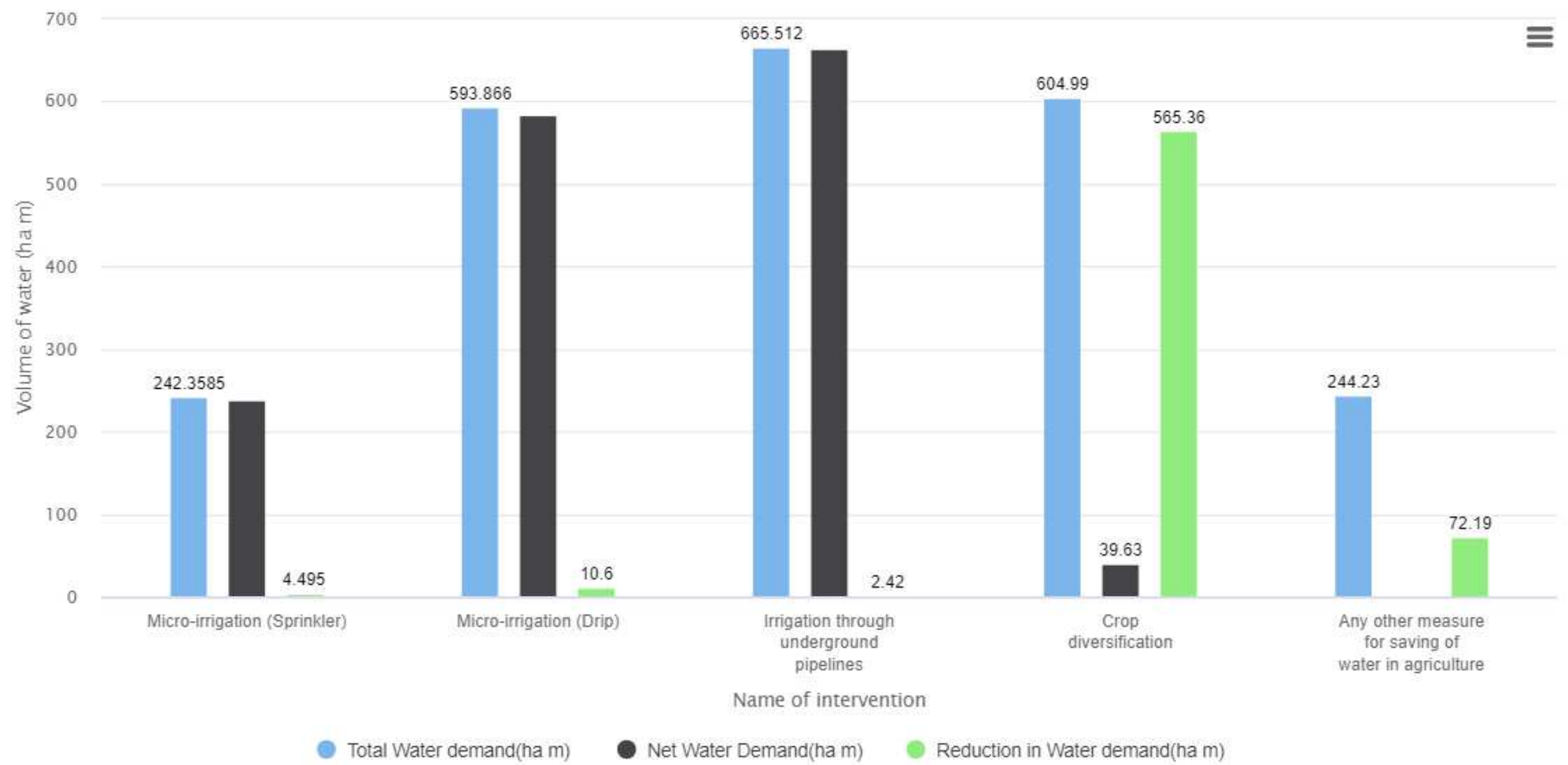


Demand Side

Total Area under Conventional Irrigation (ha) : 942.897

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	30.0000	242.3585	237.8535	4.4950	33.6000
2	Drip	20.0000	593.8660	583.2560	10.6000	30.6000
3	Pipelines	30.0000	665.5120	663.0820	2.4200	7.5000
4	Crop Diversification	80	604.9900	39.6300	565.3600	18.1600
5	Other Measures	294.0000	244.2300	--	72.1900	26.4570
	Total	454.0000	2350.9565	1523.8215	655.0650	116.3170

Funding Source						
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
1	Other Measures	111	2024-25	Agriculture & Farmer Welfare Department	Rashtriye Krishi VikasYojan (RKVY)	4.107
2	Other Measures	12	2024-25	Department of Horticulture	Other	12
3	Crop Diversification	25	2024-25	Department of Horticulture	Mera Pani Meri Virasat(MPMV)	4.32
4	Crop Diversification	55	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	13.84
5	Sprinkler	30	2024-25	MICADA	PMKSY(Per Drop More Crop)	33.6
6	Drip	20	2024-25	MICADA	PMKSY(Per Drop More Crop)	30.6
7	UG Pipelines	30	2024-25	Agriculture & Farmer Welfare Department	Other	7.5
8	Other Measures	90	2024-25	Agriculture & Farmer Welfare Department	Scheme for Management of Crop Residue	2.25
9	Other Measures	81	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	8.1
	Total	454				116.3170

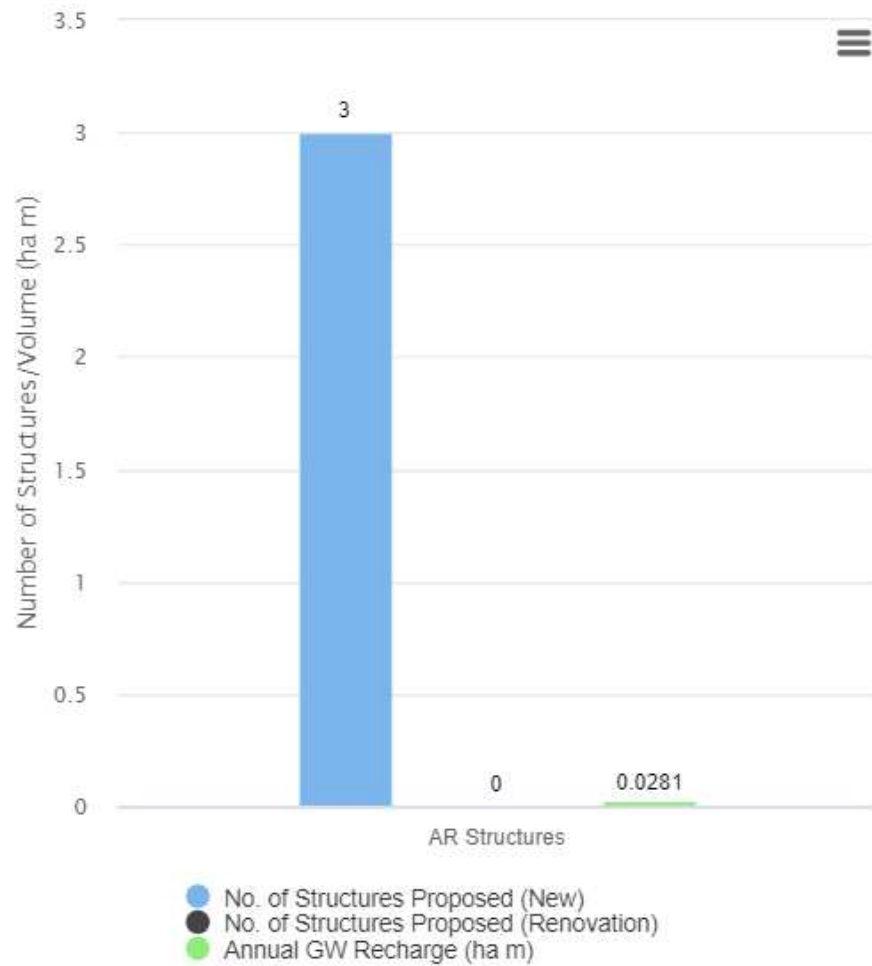


Supply Side

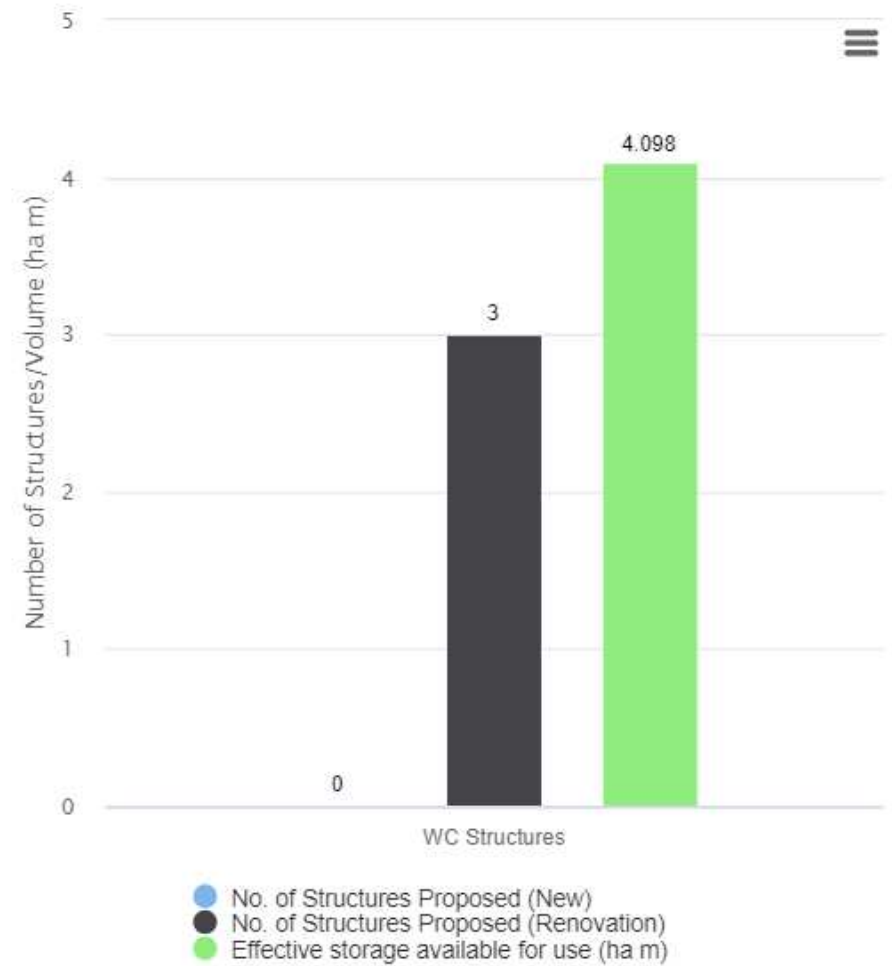
Supply Side (Artificial Recharge Structures)										
SR No	Name of Structure	Storage Capacity(ha m)	Annual GW Recharge(ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
1	Rechage Pit And Shaft(New)	0.0018	0.002700	Talakaur (362)	30.2427	77.2038	2024-25	Rural Department and Panchayati Raj	MGNREGA	0.62
2	Injection Wells/ Recharge Wells(New)	0.0023	0.006900	Talakaur (362)	30.2478	77.2028	2024-25	Irrigation & Water Resource Development	Departmental Scheme	2.4
3	roof top rain water harvesting system (New)	0.00616	0.0184800	Talakaur (362)	30.238143	77.196720	2024-25	Department of Education	CSR	4.5
	Total	0.0103	0.0281							7.5200

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)	2.4	1.44	Talakaaur (362)	30.245750	77.201078	2024-25	Rural Department and Panchayati Raj	MGNREGA	33.40
2	Pond/Amrit Sarovar(Renovation)	2.4	1.44	Talakaaur (362)	30.242876	77.203052	2024-25	Rural Department and Panchayati Raj	Amrit Sarovar	33.50
3	Pond/Amrit Sarovar(Renovation)	2.03	1.218	Talakaaur (362)	30.243708	77.197602	2024-25	Rural Department and Panchayati Raj	MGNREGA	28.26
	Total	6.8300	4.0980							95.1600

Supply Side (Artificial Recharge Structures)



Supply Side (Water Conservation Structures)



PGWM Committee

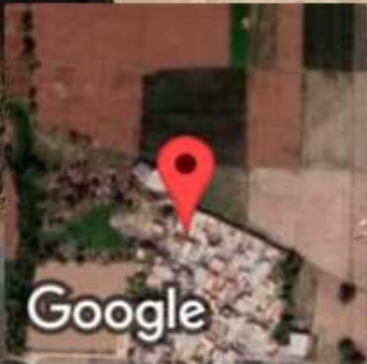
PGWM Committee (VWSC/WUA/CBO)				
Sr.no	Name	Designation	Gender	Mobile /Landline No.
1	SANDEEP KUMAR	CHAIRPERSON	Male	9896354045
2	SONIA	MEMBER	Female	9812704585
3	MADAN LAL	MEMBER	Male	8053558078
4	RAM PAL	MEMBER	Male	9996892347
5	SATBIR SINGH	MEMBER	Male	8053906130
6	KAMAL BAKSHI	JE PHED	Male	8791913142
7	NIRU RANI	MEMBER	Female	8930963633
8	ANU BALA	MEMBER	Female	8708529122
9	AMIT KUMAR	MEMBER	Male	9813927470
10	RAJ KUMAR	JE	Male	9729203036
11	JASWINDER	GRAM SACHIV	Male	9050363481
12	KUSUM LATA	MEMBER	Female	8930042942
13	SANGEETA	MEMBER	Female	9813186771
14	SANJIV KUMAR	MEMBER	Male	9034314363
15	GURCHARAN INGH	MEMBER	Male	9671294874
16	MANJU	MEMBER	Female	9996949818

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	Talakaur_33476	2024-02-09	Talakaur_33476	Talakaur (362)	gp school	18	7	0	25

Photograph



GPS Map Camera



Yamunanagar, Haryana, India
753X+M3W, Haryana 133103, India
Lat 30.254755°
Long 77.197503°
09/02/24 12:00 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 Talakaun 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
G. WE DPMU

Minutes of Meeting

Village Name: Talakour

Block: Saraswati Nagar

District: Yamunanagar

Meeting Place: G.P. School

Lat. No. 30.254755°

Long No. 77.117503°

Date: 09/02/2024

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

अटल भुजल योजना की अंतर्गत आज दिनांक 09/02/24 को ग्राम पंचायत तलाकौर में सचिव श्री/श्रीमती संदीप कुमार की अध्यक्षता में ग्राम पंचायत जल एवं स्व-सहायता समिती की बैठक का आयोजन किया गया। मीटिंग में सचिव किसान और गुमिनी के भाग लिया इस बैठक में निम्नलिखित बिंदुओं पर चर्चा की गई।

1. ग्राम पंचायत में पीड्ड का पुनर्निर्माण किया जावे।
 2. खेती के खेतों में ड्रिप और मुन्नाई सिंचन बिंदु लगायी जायें।
 3. ग्राम पंचायत में स्कूल या धर्मशाला में रीकॉज पिट व KAWAS बनवाये जायें।
 4. खेती में DSI बिंदु से जान की पुर्वाह की व्यवस्था की जायें।
 5. खेती में कार्बल अवरोध हटाना की व्यवस्था की जायें।
- उपरोक्त कार्यों की जल सुरक्षा योजना में पारित किया गया और ये सभी कारवाये जायें। इन सभी कार्यों के लिए ग्राम पंचायत जल एवं स्व-सहायता समिती की बैठक में सभी सदस्यों की सहमति से पुर्नराव पारित किया गया।

RESOLUTIONDate: 04/02/24

It is hereby resolved that the Water Budget/ Water Security Plan (WSP) of Gram Panchayat...Talakhaur
 Block Taluk Mandal G.P. School 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 04/02/2024

Sr. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting	<u>Sandeep Kumar</u>	<u>Sandeep Kumar</u> ग्राम पंचायत तलाकौर खण्ड सरस्वती नगर (यमुनानगर)
2	Gram Panchayat Secretary	<u>Jasvinder Singh</u>	<u>Jasvinder Singh</u>

ATTENDANCE SHEET

Gram Panchyat:-

Talakhaur

Meeting :-

G.P. School

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	Sandeep Kumar	M	B.C.	Sanpach	Yes	V.W.S.C	9896354045	Sandeep Kumar
2	Nisru Rani	F	SC	Panch	Yes	V.W.S.C	8930963633	Nisru
3	Sonia	F	SC	Panch	Yes	V.W.S.C	9812704585	Sonia
4	Satbir Singh	M	Gen.	Farmer	Yes	V.W.S.C	8053906130	Satbir
5	Kusum lata	F	SC	A.W.W	Yes	V.W.S.C	8930042942	Kusum lata
6	Anu bala	F	SC	Panch	Yes	V.W.S.C	8708529122	Anu bala
7	Amit Kumar	M	BC	operator	Yes	V.W.S.C	9813927470	Amit
8	Sangeeta	F	SC	Helper	Yes	V.W.S.C	9813186771	Sangeeta
9	Nadan Lal	M	Gen.	Farmer	Yes	V.W.S.C	8053558078	Nadan Lal
10	Sanjeer Kumar	M	SC	Farmer	Yes	V.W.S.C	9034314363	Sanjeer
11	Rampal	M	BC	Sweeper	Yes	V.W.S.C	9996892347	Rampal
12	Gurcharan Singh	M	Gen.	Panch	Yes	V.W.S.C	9671294884	Gurcharan Singh
13	Manju	F	BC	Panch	Yes	V.W.S.C	9996949818	Manju
14	Kusum	F	SC	Jalsaheli	Yes	V.W.S.C	8168299199	Kusum
15	Rakesh	M	SC	Farmer	No	—		Rakesh
16	Rameshwar	M	BC	Farmer	No	—		Rameshwar
17	Gurmail Singh	M	BC	Farmer	No	—		Gurmail Singh

Gram Panchyat:- Tulakour

Meeting :- G.P. School

BLOCK : Saraswati nagar DISTRICT:-Yamuna Nagar[illegible]