

Water Security Plan Report

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Date : 30/ 03/ 2024 Time : 12:01 PM User Name : Dr. Prabhat

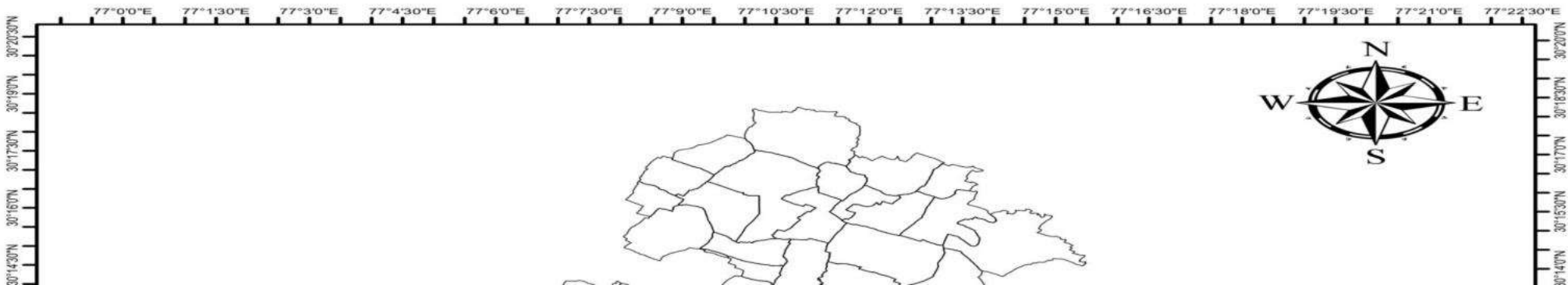
STATE: HARYANA_6 » DISTRICT: YAMUNANAGAR_76 » BLOCK: SARASWATI NAGAR_563 » GRAM PANCHAYAT: RAMGARH_265548 » YEAR: 2024-25 »

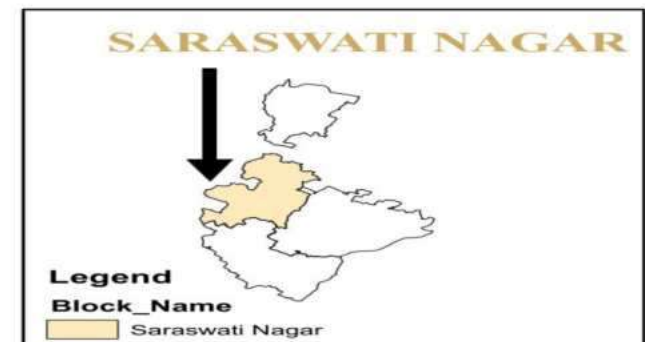
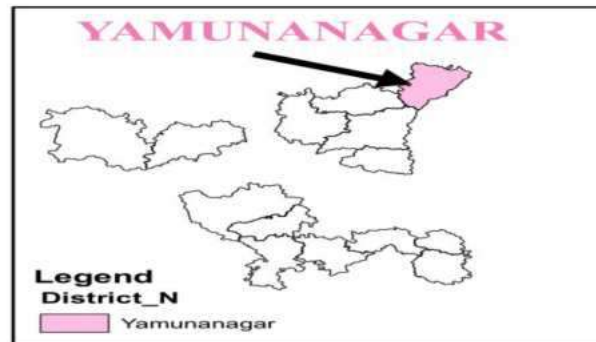
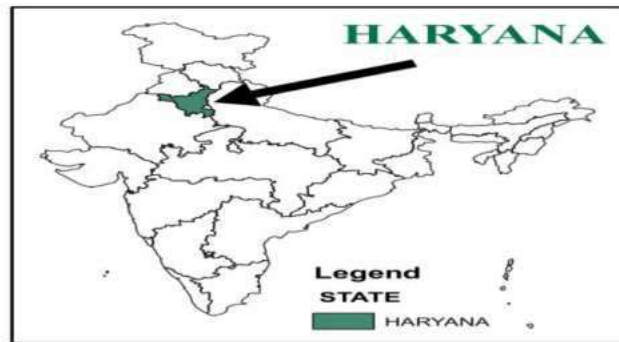
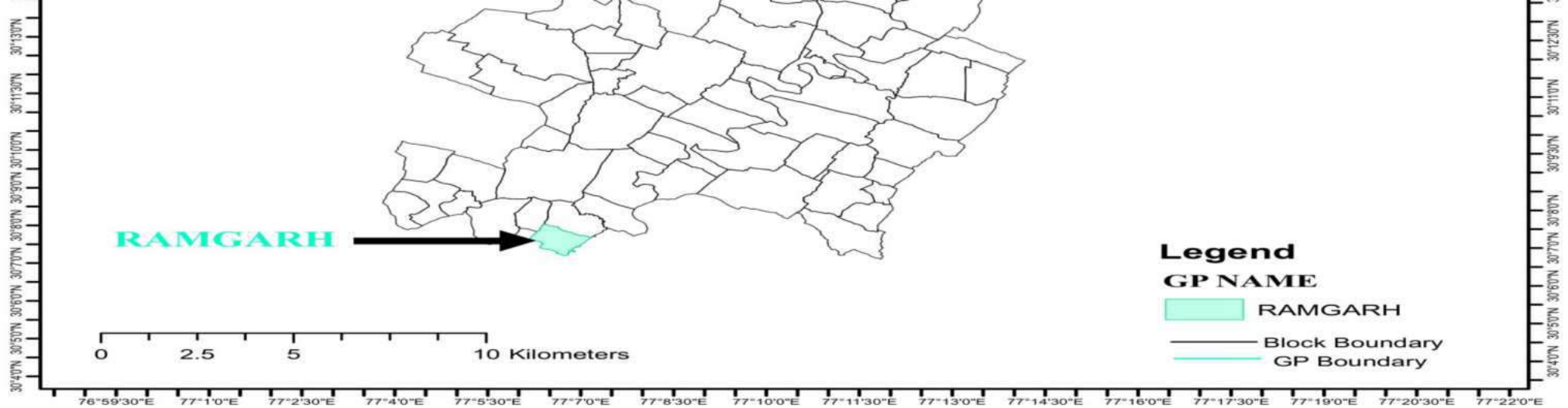
Gram Panchayat Information

State:	Haryana_6	District:	Yamunanagar_76
Block / Taluk :	Saraswati Nagar_563	GP Name :	Ramgarh_265548
GP ID :	265548	Block Area (Ha) :	20267.2000
GP area (Ha) :	132.6000	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

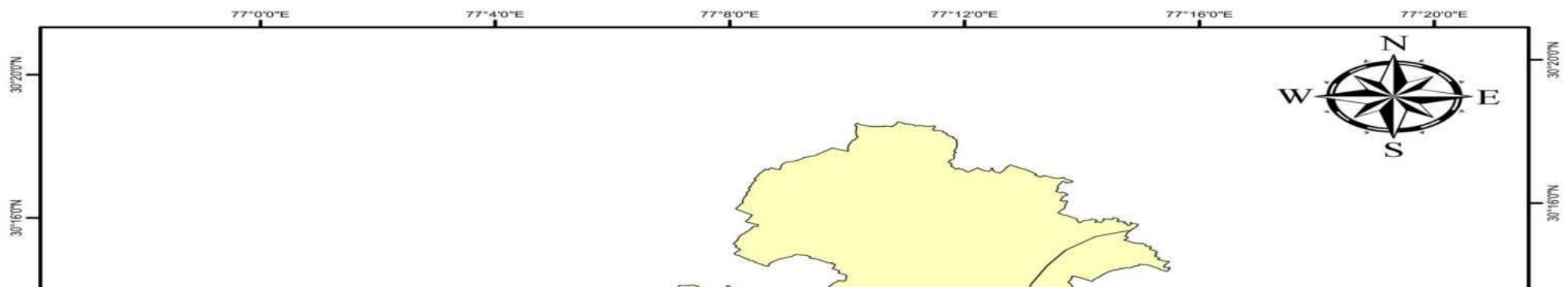
Location Map : GP Ramgarh, Block Saraswati Nagar, District Yamunanagar

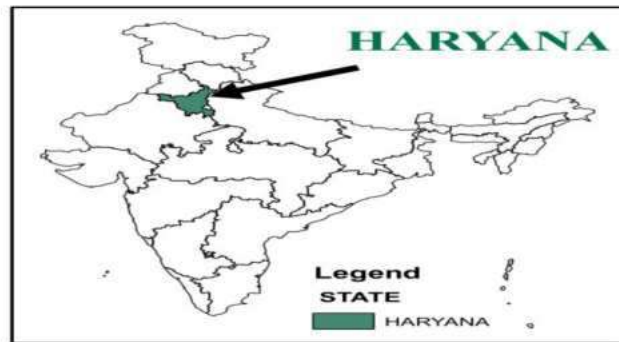
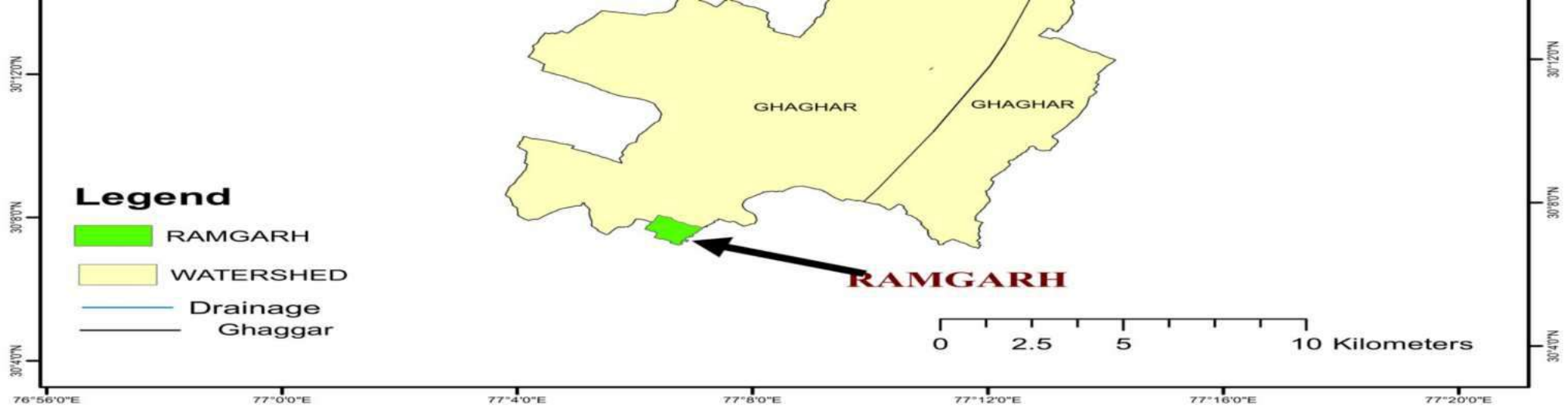




Watershed Map

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





Aquifer Map

Aquifer Map of Bhogpur, Garhi Sikandra, Sahabpura, Ramgarh , Masana Jattan of Saraswati Nagar block of district Yamunanagar

Bhogpur

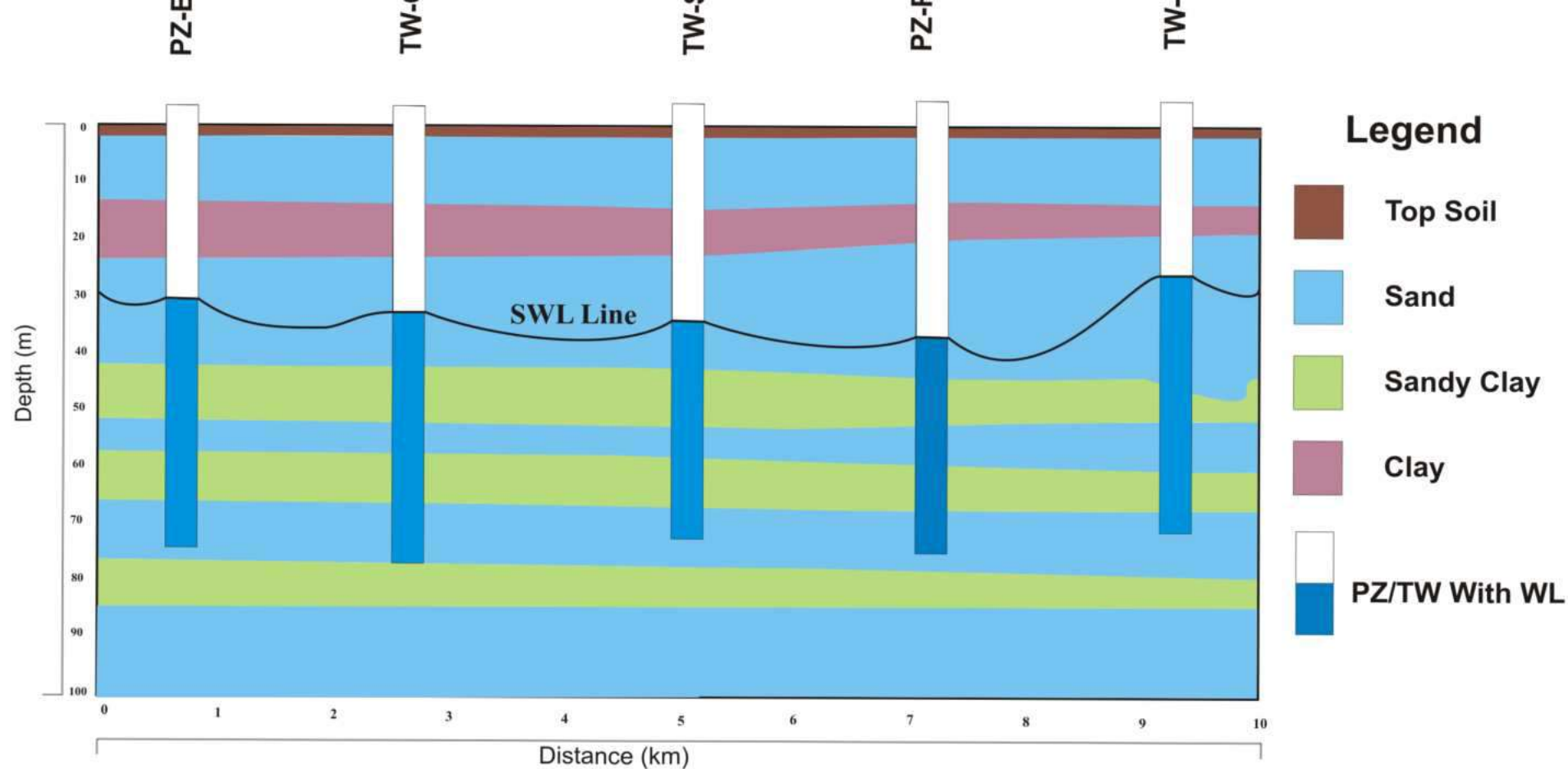
Garhi Sikandra

Sahabpura

Ramgarh

Masana Jattan





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	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	30.65	2024-02-13
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	30.62	2024-01-22
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	30.67	2023-12-20

	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	30.60	2023-11-29
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	30.80	2023-10-26
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	37.01	2023-09-30
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	37.3	2023-08-30
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	38.1	2023-07-31
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	37.2	2023-06-28
	Ramgarh	Opposite PHED tube well	30.12704	77.11586	2023-05-23	265548-001	Tube Well		Private		0.25	70.12	0.30	36.7	2023-05-23
2	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	30.26	2024-02-16
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	31.81	2024-01-21
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	30.98	2023-12-02
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	30.88	2023-10-29
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	30.77	2023-09-29
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	30.65	2023-08-29
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	30.41	2023-07-29
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	32	2023-06-28
	Ramgarh	Govt school	30.12704	77.11586	2023-05-23	265548-002	Piezometer		Government	SGWB	0.10	67.00	0.50	31.62	2023-05-23
3	Ramgarh	Near	30.12483	77.11578		175637-004	Tube Well		Government	SGWB	0.1500	90.00	0.40	31.88	2024-0

		karyana store			2024-01-11										2-08
	Ramgarh	Near karyana store	30.12483	77.11578	2024-01-11	175637-004	Tube Well		Government	SGWB	0.1500	90.00	0.40	31.90	2024-01-11

Ground Water Quality

S.No.	Village Name	Location	Latitude	Longitude	Year	Well Type	Source	Well ID
1	Ramgarh	Ramgarh	30.1234	77.112617	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_ Ramgarh _001
2	Ramgarh	Ramgarh	30.12616	77.116608	2022	Tube Well	I&WRD	ABY_YMR_S NAGAR_ Ramgarh _002

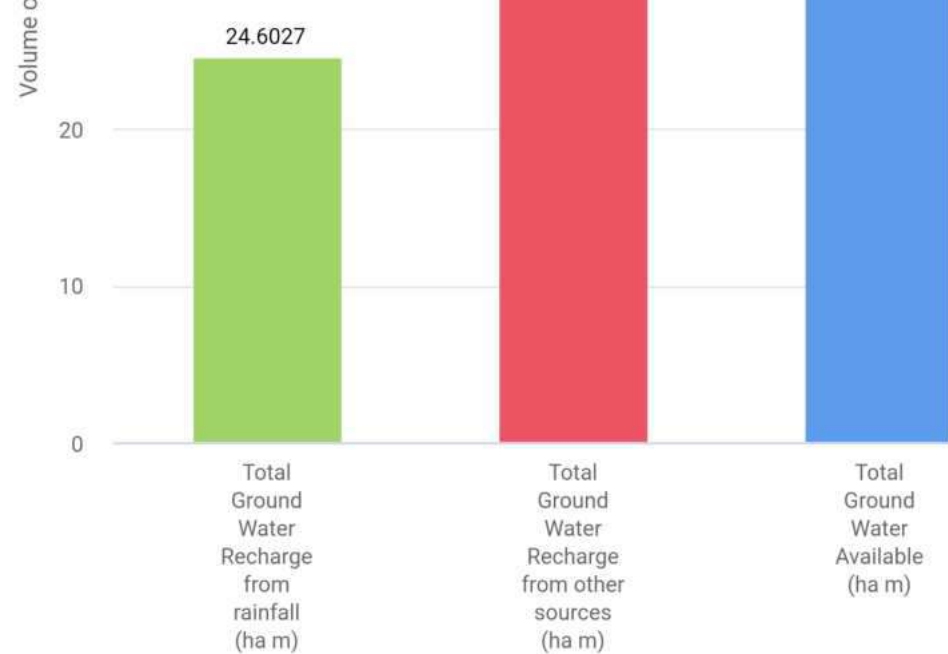
S.No.	Well ID	Well Depth (mbgl)	Aquifer	PH	EC (µS/cm)	TDS (mg/L)	TH (mg/L)	Ca (mg/L)	Mg (mg/L)	Na (mg/L)	K (mg/L)	Carbo nate (mg/L)	Bicar bonate (mg/L)	Sulph ate (mg/L)	Chlor ide (mg/L)	Fluo ride (mg/L)	Nitr ate (mg/L)
1	ABY_YMR_S NAGAR_ Ramgarh _001	27	UNCONFINED	7.3	772	468	186	28.5	27.9	36	0.7	0	290	22.8	89	0.32	4
2	ABY_YMR_S NAGAR_ Ramgarh _002	21	UNCONFINED	7.5	985	601	246	52	28.2	91	1.5	0	318	42	60	0.78	8.56

Water Availability Report

Water Availability		
1.	Total Available Water From Rainfall	
a.	Annual Rainfall (mm)	1785.7400
b.	Estimated Volume of Rainfall (ha m)	236.7891
c.	Evapotranspiration rate (mm)	449.7500
d.	Estimated Evapotranspiration losses (ha m)	59.6368
e.	Estimated Water Available From Rainfall (ha m)	177.1523
f.	Weighted Average Runoff Coefficient	0.3000
g.	Rainfall Runoff(ha m)	53.1457
2.	Ground Water	
a.	Recharge From Rainfall (ha m)	
(i)	Monsoon	19.7264
(ii)	Non-Monsoon	4.8763
	Total Ground Water Recharge from rainfall (ha m)	24.6027
b.	Ground Water Recharge from other sources (ha m)	

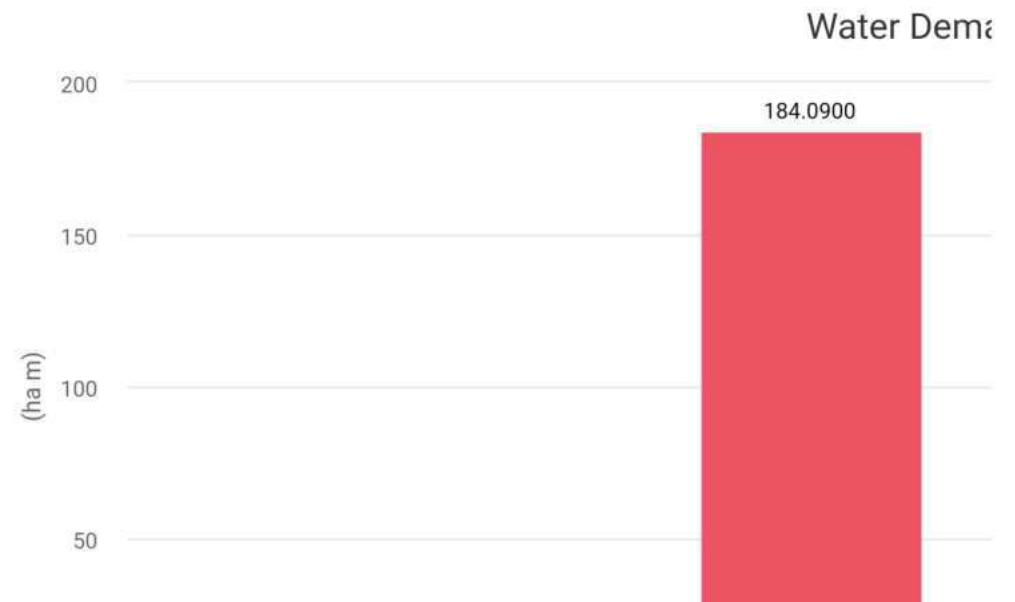


	(ha m)	
(i)	Monsoon	18.2884
(ii)	Non-Monsoon	13.3048
	Total Ground Water Recharge from other sources (ha m)	31.5932
c.	Losses Due to Natural Discharge (ha m)	5.6196
	Total Ground Water Available (ha m)	50.5763
d.	Ground Water Withdrawal (ha m)	101.9826
3.	Surface Water	
a.	Surface Water available in storages	
	(i) Number of Surface Water Bodies and Storage Capacity (ha m)	
Type of Structure	No. of Structures	Storage Capacity (ha m)
Ponds	1	0.74
	Total Storage Capacity of the surface water bodies (ha m)	0.7400
	(ii) Losses if Any (%)	10.0000
	(iii) Surface Water Available in Storages (ha m)	0.6660
b.	Transported Water from outside GP area (ha m)	
	Total Surface Water Available (ha m)	0.6660
4.	TOTAL WATER AVAILABLE	
	TOTAL WATER AVAILABLE (ha m)	51.2423



Water Demand Report

Water Demand		
A	Drinking /Domestic (ha m)	
i)	From Surface Water	0.0892
ii)	From Ground Water	1.9125
	Total Drinking /Domestic (ha m)	2.0017
B	Irrigated Agriculture (ha m)	
i)	From Surface Water	0.0000
ii)	From Ground Water	184.0900
	Total Irrigated Agriculture (ha m)	184.0900
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



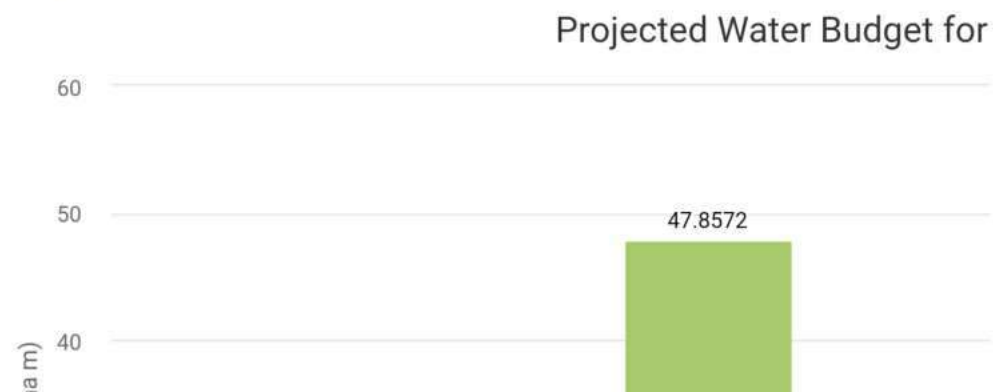
Water Balance Report

Water Balance		
A	Water Availability (ha m)	
i)	Total Ground Water Available	50.5763
ii)	Total Surface Water Available	0.6660
	Total Water Availability (ha m)	51.2423
B	Water Demand (ha m)	
i)	Total Surface Water Demand	0.0892
ii)	Total Ground Water Demand	186.0025
	Total Water Demand	186.0917
C	Balance [Surplus (+) / Deficit (-)]	
i)	Total Ground Water Balance	-135.4262
ii)	Total Surface Water Balance	0.5768
	Total Water Balance	-134.8494

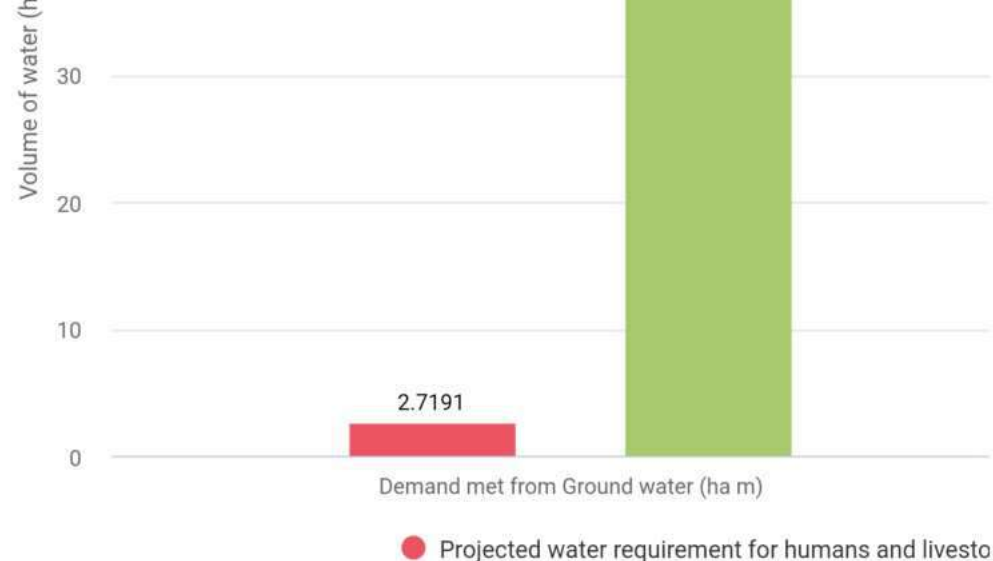


Water Budget Report

A	Allocation for Drinking & Domestic Requirements	
I	Humans	
i)	Present Human Population	555.0000
ii)	Annual population growth rate (r)	1.2000
iii)	No. of years	27.0000
iv)	Projected human population (as in 2050)	766.0000
v)	Per capita requirement (L)	55.0000
vi)	Projected water requirement for humans (as in 2050) (ha m)	1.5377
II	Livestock	
i)	Present livestock population	107.0000



i)	Present livestock population	197.0000
ii)	Annual population growth rate (r)	1.0460
iii)	No. of years	27.0000
iv)	Projected livestock population (as in 2050)	261.0000
v)	Average per capita requirement (L)	124.0102
vi)	Projected water requirement for livestock (as in 2050) (ha m)	1.1814
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)	2.7191
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)	2.7191
iv)	Demand met from Surface water (ha m)	
C	Water available for future irrigation	
i)	Ground Water	47.8572
ii)	Surface water	0.6660
iii)	Total water available for future irrigation	48.5232



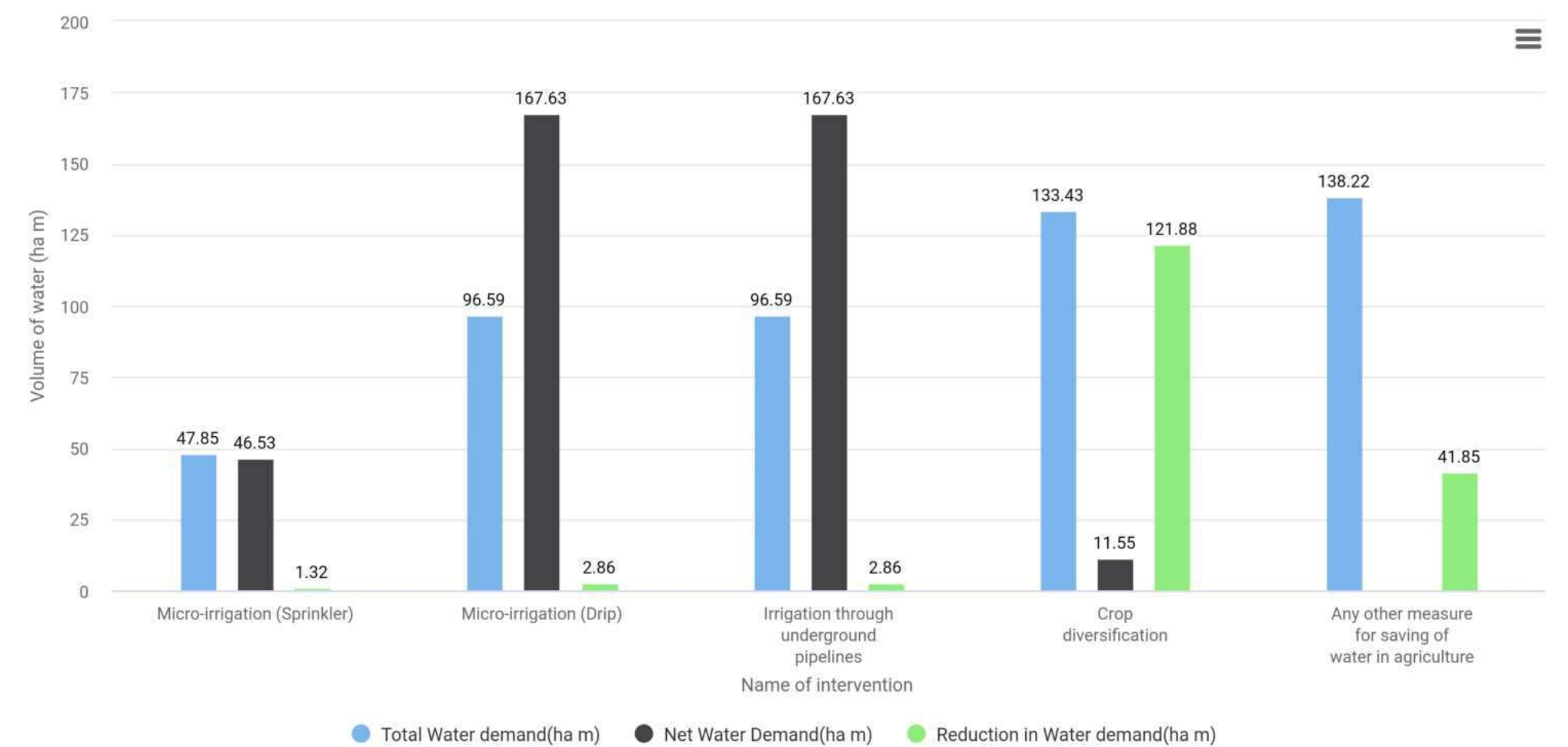
Demand Side

Total Area under Conventional Irrigation (ha) : 201.5

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	8.0000	47.8500	46.5300	1.3200	8.9600
2	Drip	13.0000	96.5900	167.6300	2.8600	19.8900
3	Pipelines	13.0000	96.5900	167.6300	2.8600	3.2500
4	Crop Diversification	25	133.4300	11.5500	121.8800	4.3200
5	Other Measures	134.0000	138.2200	--	41.8500	7.7300
	Total	193.0000	512.6800	393.3400	170.7700	44.1500

Funding Source						
Sr No	Name of Intervention	Area Proposed (ha)	Financial Year	Department Name	Scheme Name	Approximate Cost(in Lakh)
1	Other Measures	50	2024-25	Agriculture & Farmer Welfare Department	Rashtriye Krishi Vikas Yoajan (RKVY)	1.85
2	Drip	13	2024-25	MICADA	PMKSY(Per Drop More Crop)	19.89

3	UG Pipelines	13	2024-25	Agriculture & Farmer Welfare Department	Other	3.25
4	Sprinkler	8	2024-25	MICADA	PMKSY(Per Drop More Crop)	8.96
5	Crop Diversification	11	2024-25	Department of Horticulture	Mera Pani Meri Virasat(MPMV)	1.90
6	Crop Diversification	14	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	2.42
7	Other Measures	3	2024-25	Department of Horticulture	Other	0.48
8	Other Measures	36	2024-25	Agriculture & Farmer Welfare Department	Scheme for Management of Crop Residue	0.9
9	Other Measures	45	2024-25	Agriculture & Farmer Welfare Department	Mera Pani Meri Virasat(MPMV)	4.5
	Total	193				44.1500

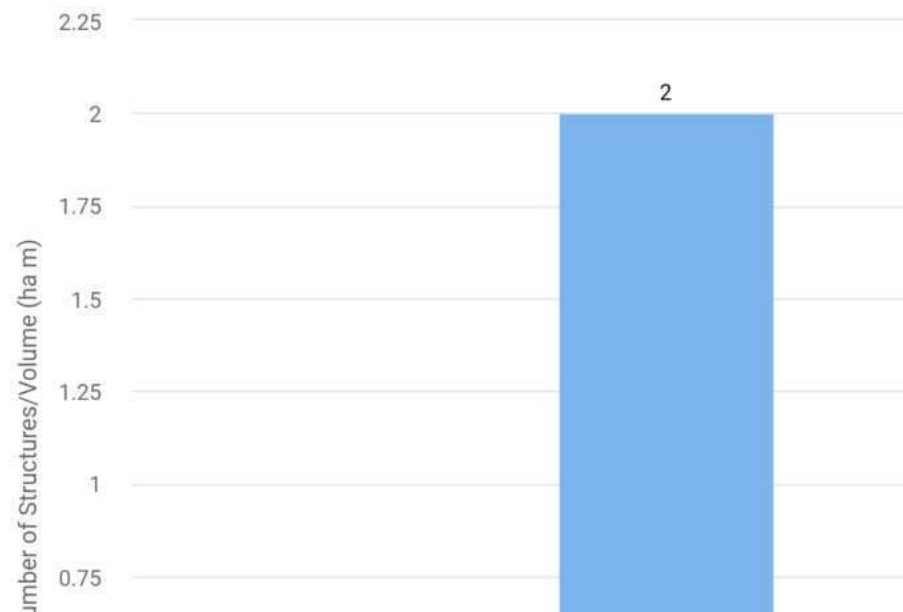


Supply Side

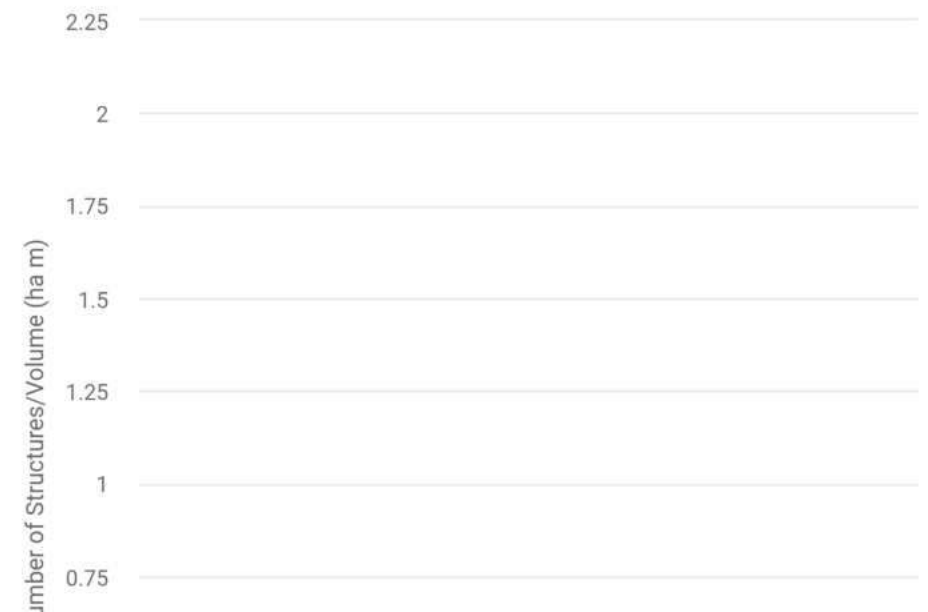
Supply Side (Artificial Recharge Structures)										
SR No	Name of Structure	Storage Capacity(ha m)	Annual GW Recharge(ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
1	roof top rain water harvesting system (New)	0.00616	0.0184800	Ramgarh (37)	30.1225	77.1158	2024-25	Department of Education	CSR	4.5
2	Rechage Pit And Shaft(New)	0.0018	0.002700	Ramgarh (37)	30.1256	77.1162	2024-25	Rural Department and Panchayati Raj	MGNREGA	0.62
	Total	0.0080	0.0212							5.1200

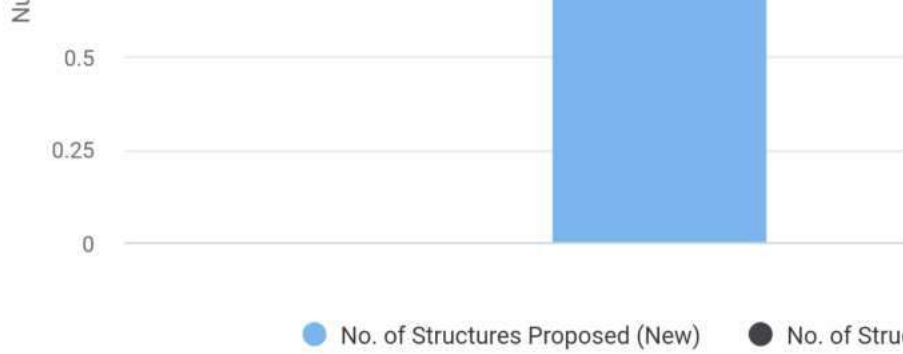
Supply Side (Water Conservation Structures)										
SR No	Name of Structure	Storage Capacity(ha m)	Effective storage available for use (ha m)	Village Name	Latitude	Longitude	Financial Year	Department Name	Scheme Name	Approximate Cost (in Lakhs)
1	Pond/Amrit Sarovar(Renovation)	2.9	1.74	Ramgarh (37)	30.124517	77.113121	2024-25	Rural Department and Panchayati Raj	Amrit Sarovar	95.48
2	Pond/Amrit Sarovar(Renovation)	0.5	0.30	Ramgarh (37)	30.126336	77.117405	2024-25	Rural Department and Panchayati Raj	Amrit Sarovar	35.1
	Total	3.4000	2.0400							130.5800

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	LAXMI	MEMBER	Female	9671476509
2	MAYA DEVI	MEMBER	Female	8053328676
3	SUDESH RANI	MEMBER	Female	9138315014
4	REETA DEVI	MEMBER	Female	8607800043
5	SATBIR SINGH	MEMBER	Male	7056439080
6	TUSHAR	MEMBER	Male	8507135000
7	KUSUM	MEMBER	Female	9812495143
8	NEHA RANI	CHAIRPERSON	Female	9306576139
9	GAURAV KUMAR	MEMBER	Male	9468075958
10	GAJNI	MEMBER	Female	9816544319
11	SUMIT KUMAR	MEMBER	Male	9034624563
12	PREM LATA	MEMBER	Female	9896039342
13	SUDESH	MEMBER	Female	8053326060
14	RAMEHWAR DASS	JE PHED	Male	9991110051

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	Ramgarh_265548	2024-02-02	Ramgarh_265548	Ramgarh (37)	ANGANWADI	16	8	0	24

Photograph



GPS Map Camera



Shahab Pura, Haryana, India

44F8+H6W, Shahab Pura, Haryana 133103, India

Lat 30.124038°

Long 77.115623°

02/02/24 12:32 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 Ramgaubh 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
Gr WE DPMU

Minutes of Meeting

Village Name: Ramgarh

Block: Saraswati Nagar

District: Yamunanagar

Meeting Place: Anganwadi

Lat. No. 30.14038

Long No. 77.115623

Date: 02-02-2024

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

अटल भूजल

योजना के अंतर्गत आज दिनांक 02-02-2024 को ग्राम पंचायत रामगढ़ में सरपंच श्री श्रीमते नंदारानी की अध्यक्षता तथा ग्राम पंचायत फैजल एवं स्वच्छता समिती, ग्रामीण व किसानों की उपस्थिति में जल सुरक्षा योजना की बैठक की गई। बैठक में निम्नालिखित बिंदुओं पर चर्चा की गई :-

- ग्राम पंचायत में जोड़ का पुर्ननिर्माण किया जाए।
- ग्राम पंचायत में स्कूल या धर्मशाला में SARWHS बनवाए जाए।
- किसानों के खेतों में सिंचाई के लिए इमिगन पाइपलाइन की व्यवस्था की जाए।
- JSR विधि से बान की छुआई की व्यवस्था की जाए।
- कसल अवरोध प्रबंधन की व्यवस्था की जाए।

उपरोक्त सभी बिंदुओं पर विस्तार से चर्चा करने के पश्चात् बैठक में सभी उपस्थित सदस्यों की सहमति से जल सुरक्षा योजना को पारित किया गया।

RESOLUTION

Date: 02/02/24

It is hereby resolved that the Water Budget/ Water Security Plan (WSP) of Gram Panchayat RAM GARH
 Block/Taluk/Mandal Sarasthali 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 02/02/24.

Sr. NO.	DESIGNATION	NAME	SIGNATURES
1	Gram Panchayat Adhyaksha (Sarpanch)/President of VWSC/ Presiding officer of the meeting	Neha Rani	Neha Rani नेहा रानी सरपंच ग्राम पंचायत रामगढ़ खण्ड सरस्वती नगर
2	Gram Panchayat Secretary	SH. SARWAN	SH. SARWAN

ATTENDANCE SHEET

Gram Panchayat: Kan Gadh

Meeting: Anganwadi

BLOCK: Saraswati nagar DISTRICT: Yamuna Nagar

Sr. No.	Name	Gender M/F	Category /ST	Occupation	Are you a member of any committee (Yes/No)	If yes name of the committee	Phone No.	Signature
1	Reha Puri	F	SC	Self and	Yes	U.W.S.C	930657639	
2	Pransoo	F	BC	Self and	Yes	"	9896035382	Pransoo
3	Gaurav	M	BC	Student	-	-	996807598	Gaurav
4	Sahab Singh	M	Gen	Farmer	-	-	9355582600	RITESH
5	Preeta Devi	F	SC	HW	Yes	U.W.S.C	8607800043	Preeta Devi
6	Ashok	M	BC	Farmer	-	-	8685861149	Ashok
7	SUMIT KUMAR	M	SC	Farmer	Yes	U.W.S.C	9034694563	Saumit
8	Vedpal	M	BC	Farmer	-	-	9416547753	VEDPAL
9	Laxmi	F	Gen	HW	Yes	U.W.S.C	9671476509	Laxmi
10	Ram Lal	M	Gen	Farmer	-	-	9466660008	Ram Lal
11	Mangla Devi	F	SC	HW	Yes	U.W.S.C	8053388676	MANGLA
12	Vijay	M	BC	Farmer	-	-	9468075865	Vijay
13	Rosa Puri	F	SC	HW	-	-	830790897	Rosa Puri
14	Pam Keda	F	SC	HW	Yes	U.W.S.C	9896035382	PAM KEDA
15	Manu Gohind	M	BC	Farmer	-	-	-	Manu Gohind
16	Satbir Singh	M	BC	Farmer	Yes	U.W.S.C	705643400	Satbir Singh
17	Tushar	M	SC	Farmer	Yes	U.W.S.C	8607135000	Tushar

Part A only

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	Paasal	F	SC	H.W	-	-	8930073003	<i>[Signature]</i>
19	Sudeesh Rani	F	SC	H.W	Yes	U.W.S.C	9138315014	Sudeesh Rani
20	Prasanna	F	BC	H.W	-	-	9812495143	Prasanna
21	Prasanna	F	BC	Ranch	Yes	U.W.S.C	9812495143	Prasanna
22	Rubi Rani	F	SC	H.W	-	-	9812355004	Rubi Rani
23	Reeta Devi	F	BC	Ranch	-	-	8607800043	Reeta
24	Sadhna	F	BC	H.W	-	-	9896891866	Sadhna
25	Tushar	M	BC	Office	-	-	8507135000	Tushar