

### Monitoring Results of Ground Water Samples under NWMP for the month of April, 2023

Sr. no.	Point of Collection	Date of collection/ receipt in lab	Sample Collected By RO	GW Code	Depth in mts	Location Code	pH	Turb. NTU	Cond $\mu$ s/cm	COD mg/l	TSS mg/l	TDS mg/l	TFS mg/l	T.H as CaCO <sub>3</sub> mg/l	Ca mg/l	Mg mg/l	F mg/l	NO <sub>3</sub> as N mg/l	Cl mg/l	SO <sub>4</sub> mg/l	Talk as CaCO <sub>3</sub> mg/l	Na mg/l	K mg/l	PO <sub>4</sub> mg/l	SAR	% Na	B mg/l							
1	Piezometer between Ash dyke & water reservoir, Nabha Power Limited, Village Nalash, Rajpura	-	Patiala	-	-	4143	<b>Sample not collected</b>																											
2	Piezometer of M/s Patiala Distillers Pvt. Ltd., Village Main	-	Patiala	-	-	4144	<b>Sample not collected</b>																											
3	Submersible installed in the premises of Baba Dramaya Ji Nath Mandir at village Rasouli (Sagar Para Drain meeting with river Ghaggar) Tehsil Patran	28/6/23 29/6/26	Patiala	345	-	4145	7.7	BDL	488	BDL	BDL	278	238	166	43	14	BDL	BDL	32	19	180	39	11	BDL	1.3	32	BDL							
4	CETP Module-2 (Leather Complex) Entry Gate, Jalandhar,	13/6/23 14/6/23	Jalandhar	334	100	2923	7.7	BDL	1097	BDL	BDL	698	594	508	124	48	0.2	0.4	112	78	241	119	43	0.4	5.0	32	BDL							
5	M/s Kalsi International, Plot no.144, Leather complex (Opp CETP), Jalandhar	13/6/23 14/6/23	Jalandhar	335	100	2922	7.3	BDL	815	BDL	BDL	498	424	254	72	18	BDL	0.2	105	48	229	92	21	0.1	3.9	42	BDL							
6	From Piezometer at Village Hamira, Kapurthala	13/6/23 14/6/23	Jalandhar	GW 332	40	2920	7.0	BDL	1229	BDL	BDL	741	631	583	159	45	0.2	0.4	166	68	229	113	32	0.4	4.8	28	BDL							
7	Near Lagoons of M/s J.I.L./ Railway Crossing vill. Hamira.	13/6/23 14/6/23	Jalandhar	GW 333	40	2921	7.3	BDL	992	BDL	BDL	548	467	331	88	27	BDL	0.2	95	35	239	97	28	0.2	4.1	37	BDL							
8	Submersible at ret, Tibba Road, Ludhiana, Indl. Area	11/4/23 11/4/23	LudhianaIII	GW 304	350	4134	7.7	BDL	561	BDL	BDL	325	278	304	113	5	BDL	BDL	41	20	107	55	2	BDL	2.3	28	BDL							
9	MSW Dumping Site, Jamalpur, Ludhiana	11/4/23 11/4/23	LudhianaIII	GW 305	300	4135	6.9	BDL	976	BDL	BDL	574	489	450	124	34	0.1	0.5	95	41	264	62	7	BDL	2.6	23	BDL							
10	STP, Jamalpur, Ludhiana	11/4/23 11/4/23	LudhianaIII	GW 306	350	4136	7.5	BDL	553	BDL	BDL	335	286	212	60	15	BDL	0.2	42	24	1086	56	4	BDL	1.8	36	BDL							
11	Haibowal, Dairy Complex, Near Jagga Di Diary, Ludhiana	11/4/23 11/4/23	LudhianaIII	GW 307	275	1900	7.0	BDL	1117	BDL	BDL	682	581	247	171	29	0.3	0.7	116	62	312	92	19	BDL	3.3	26	BDL							
12	PAU Research fields, Ludhiana	11/4/23 11/4/23	LudhianaIII	GW 308	400	1903	7.8	BDL	501	BDL	BDL	304	261	197	64	9	BDL	BDL	49	26	178	41	3	BDL	1.9	31	BDL							
13	Dashmesh Nagar, Gali No. 12, Gurdhwara, Ludhiana	11/4/23 11/4/23	LudhianaIII	GW 309	300	4153	7.3	BDL	1016	BDL	BDL	611	521	472	149	24	0.6	0.2	91	58	238	101	12	BDL	8.1	31	BDL							
14	Dairy Complex, Tajpur Road, Ludhiana	11/4/23 11/4/23	LudhianaIII	GW 310	300	4155	7.0	BDL	965	BDL	BDL	581	495	434	139	21	0.5	0.1	93	66	224	97	15	BDL	6.9	32	BDL							
15	TSSM Sr. Sec School Shimlapuri, Ludhiana	25/7/23 26/7/23	LudhianaII	GW 367	270	4154	8.0	BDL	418	BDL	BDL	285	243	112	30	9	BDL	BDL	49	44	175	35	2	BDL	1.5	40	BDL							
16	Submersible installed in area on Sua Road near Dhandari Kalan, Ludhiana	25/7/23 26/7/23	LudhianaII	GW 368	250	4156	7.0	BDL	1248	BDL	BDL	724	617	623	180	42	0.2	0.5	127	74	298	99	12	0.30	4.2	25	BDL							
17	Submersible installed in the area on Janta Nagar, Ludhiana	25/7/23 26/7/23	LudhianaII	GW 369	190	4157	6.7	BDL	1382	BDL	BDL	832	710	673	192	47	0.4	0.9	138	96	315	122	25	0.31	4.0	27	BDL							

**Note:** 1) BOD, T.Coli, F.Coli, TKN, Amm.N, P.alk and PO<sub>4</sub> were BDL in all the samples  
2) Pesticides i.e. Alpha HCH, Beta HCH, Gama HCH, Anilophos, Chloropyrifos, 4,4' DDT, Endosulphan-1, Endosulphan-2, Dieldrin, Aldrin & Malathian were BDL.  
3) BDL means Below method Detection Limit.

Sr. no.	Point of Collection	Date of collection/ receipt in lab	Sample Collected By RO	Depth in mts	GW Code	Location Code	pH	Turb. NTU	Cond $\mu$ s/cm	COD mg/l	TSS mg/l	TDS mg/l	TFS mg/l	T.H as CaCO <sub>3</sub> mg/l	Ca mg/l	Mg mg/l	F mg/l	NO <sub>3</sub> as N mg/l	Cl mg/l	SO <sub>4</sub> mg/l	TAlk as CaCO <sub>3</sub> mg/l	Na mg/l	K mg/l	PO <sub>4</sub> mg/l	SAR	% Na	B mg/l
18	Submersible installed near Dushera Ground, Industrial Estate, Ludhiana	25/7/23 26/7/23	LudhianaII	400	GW 370	1901	7.12	BDL	1303	BDL	BDL	783	672	646	186	44	0.4	0.8	129	84	310	119	22	BDL	4.3	28	BDL
19	House of Sh. Ashok Singh, VPO-Gumtala, Near Maha Luxmi GWeet Shop, Amritsar,	6/3/23 7/3/23	Amritsar	-	GW 270	2916	7.3	BDL	1217	BDL	BDL	721	614	430	78	57	0.2	0.5	156	68	416	96	12	BDL	2.01	31.93	BDL
20	Hotel Grace, 35, Brahmbutta Market opposite Hotel Sita Niwas, Amritsar,	6/3/23 7/3/23	Amritsar	-	GW 271	2917	7.6	BDL	1180	BDL	BDL	681	581	413	73	56	0.1	0.4	168	65	336	82	9	BDL	1.75	29.58	BDL
21	Police Station, Phase-3, Focal Point, Ludhiana	17/7/2023 18/7/2023	LudhianaI	350	362	1902	7.1	BDL	1316	BDL	BDL	791	673	601	178	38	0.2	0.4	179	98	278	168	25	0.01	7.1	37	BDL
22	Bawa Oil Company (HP Petrol Pump), GT road, Sherpur, Ludhiana	17/7/2023 18/7/2023	LudhianaI	250	363	1898	7.3	BDL	1668	BDL	BDL	1002	853	757	199	63	0.3	0.5	219	124	304	168	35	BDL	7.1	31	BDL
23	HP Park adjoining M/s National Industries, E-128, Phase-IV, Focal Point, Ludhiana	17/7/2023 18/7/2023	LudhianaI	250	364	4139	7.3	BDL	1694	BDL	BDL	1035	881	792	208	66	0.3	0.6	278	128	312	173	41	BDL	5.7	31	BDL
24	H.P. in Sahota Baghabni Farm, Village Harijan, Machhiwara	17/7/2023 18/7/2023	LudhianaI	-	GW 366	4140	7.5	BDL	943.3	BDL	BDL	445	BDL	351	96	27	0.2	0.6	63	33	222	61	4	BDL	2.6	27	BDL
25	Hand pump located at the resident of Sh. Dharampal S/o Atma Ram, Village Toansa, backside of M/s Ranbaxy, Distt. SBS Nagar.	-	Hoshiarpur	-	-	2930	Sample not collected																				
26	Hand pump located at the resident of Sh. Mohan Lal S/o Relu Ram, Toansa, Balachaur Distt. SBS Nagar.	-	Hoshiarpur	-	-	2931	Sample not collected																				
27	Hand Pump (100' Deep) installed near, 149 Near Sant Pritam School, Ambey Majra Mandi Gobindgrah	4/5/23 5/4/23	Fatehgarh Sahib	100	GW 315	4138	8.5	BDL	608	BDL	BDL	367	312	223	68	13	BDL	0.1	48	29	231	51	13	BDL	2.2	32	BDL
28	Hand Pump (100' Deep) installed, at M/s Deep Steel Ltd, Vill. Mugal Majra, Mandi Gobindgrah	4/5/23 5/4/23	Fatehgarh Sahib	100	GW 316	4137	8.1	BDL	1139	BDL	BDL	687	585	478	112	48	0.2	0.4	102	69	281	92	18	BDL	3.9	29	BDL
29	Hand Pump (80' Deep) installed near the ESI Hospital, Guru ki Nagri, Mandi Gobindgrah.	4/5/23 5/4/23	Fatehgarh Sahib	150	GW 317	2924	7.8	BDL	827	BDL	BDL	498	424	325	87	26	BDL	0.2	85	53	230	86	13	BDL	3.6	3.6	BDL
30	Submersible Pump installed (150' deep) at M/s Agni Refractory, Vill Ajnali, G.T. Road, Mandi Gobindgrah	4/5/23 5/4/23	Fatehgarh Sahib	80	GW 318	2925	7.4	BDL	952	BDL	BDL	562	478	443	93	34	0.1	0.3	88	51	238	93	15	BDL	3.9	34	BDL
31	H.P in the premises of cremation ground of Vill. Ratoul Rohi near Malbros International (p) Ltd, Village Mansoorwal, Tehsil Zira, Distt Ferozpur along Talwandi-Zira Road Zira	-	Faridkot	-	-	4151	Sample not collected																				
32	adjoining HP- Petrol Pump, at a distance of Approx. at 200 from M/s HMEL Refinery	30/6/23 17/7/23	Bathinda	-	GW 346	4148	7.7		1353			796	681	744	174	75	0.1	0.3	178	68	225	97	20	BDL	4.1	22	BDL

**Note:** 1) BOD, T.Coli, F.Coli, TKN, Amm.N, P.alk and PO<sub>4</sub> were BDL in all the samples  
2) Pesticides i.e. Alpha HCH, Beta HCH, Gama HCH, Anilophos, Chloropyrifos, 4,4' DDT, Endosulphan-1, Endosulphan-2, Dieldrin, Aldrin & Malathian Were BDL.  
3) BDL means below method Detection Limit.

Sr. no.	Point of Collection	Date of collection/ receipt in lab	Lab Sample No.	Sample Collected By RO	Depth in mts	Location Code	pH	Turb. NTU	Cond $\mu$ s/cm	COD mg/l	TSS mg/l	TDS mg/l	TFS mg/l	T.H as CaCO <sub>3</sub> mg/l	Ca mg/l	Mg mg/l	F mg/l	NO <sub>3</sub> as N mg/l	Cl mg/l	SO <sub>4</sub> mg/l	TAlk as CaCO <sub>3</sub> mg/l	Na mg/l	K mg/l	SAR	% Na	B mg/l
33	Gurukul College near Ash Dykes of Guru Nanak Dev Thermal Power Plant, Bathinda.	30/6/23 1/7/23	GW 347	Bathinda	100	4147	7.9	BDL	1296	BDL	BDL	791	674	713	173	68	0.2	0.2	183	92	239	104	24	4.4	23	BDL
34	Petrol pump near M/s Guru Hargobind thermal plant, Lehra Mohabbat, Distt. Bathinda .	30/6/23 1/7/23	GW 348	Bathinda	60	4149	7.3	BDL	1558	BDL	BDL	815	697	600	120	73	0.3	0.6	218	115	241	131	32	4.3	31	BDL
35	Tubewell installed along with a link road meeting Muksar-Malout road from village Rahurianwali Distt. Sri Muksar Sahib in the house of Sh. Harcharan Singh S/o Sh. Rajinder Singh.	30/6/23 1/7/23	GW 349	Bathinda	40	4150	8.1	BDL	1580	BDL	BDL	958	817	695	141	83	0.3	0.7	243	140	253	148	39	5.3	30	BDL
36	Hand Pump near Municipal Solid Waste Dumping site, Village Deriwal Pathankot	10/5/2023 11/5/2023	322	Batala	12	4142	6.9	BDL	1228	BDL	BDL	748	638	555	138	51	BDL	0.2	185	65	291	79	19	3.3	23	BDL
37	Tubewell at PSPCL 66 KVA Sub-Station (300ft approx.) Industrial Growth Centre, Pathankot	10/5/2023 11/5/2023	323	Batala	61	4141	7.9	BDL	1091	BDL	BDL	645	551	469	112	46	BDL	0.1	146	61	231	81	14	3.4	27	BDL
38	Hand pump installed in the residence of Sh. Daler Chand- S/o Bakshi Ram., 29, Near Ash dyke in Village Bela Dhiani.	12/7/23 13/7/23	358	SAS Nagar	9	2926	7.5	BDL	727	2.4	0.1	438	374	298	58	25	0.1	BDL	76	44	231	89	10	3.8	43	BDL
39	Hand pump installed in the residence of Sh. DevRaj S/o Sh. Pritam Chand Dyke in Village Bela Dhiani	12/7/23 13/7/23	359	SAS Nagar	9	2927	7.5	BDL	660	BDL	BDL	398	340	221	52	22	BDL	BDL	72	52	213	58	9	2.5	35	BDL
40	Hand pump of the Thermal Plant at Village Ranjeetpura	12/7/23 13/7/23	361	SAS Nagar	6	2929	7.5	BDL	548	BDL	BDL	321	275	166	41	14	BDL	BDL	54	47	200	39	5	1.4	34	BDL
41	Hand pump of the Thermal Plant at Village Chakdhera.	12/7/23 13/7/23	360	SAS Nagar	6	2928	7.4	BDL	603	BDL	BDL	364	310	184	44	18	BDL	BDL	62	45	203	42	5	1.4	32	BDL
42	Hand pump installed at Railway crossing, Lalru, Teh. Dera Bassi SAS Nagar	13/4/23 13/4/23	311	SAS Nagar	30	2919	7.7	BDL	2148	BDL	BDL	1293	1101	1152	278	111	0.4	0.5	225	118	325	273	65	11.5	32	BDL
43	Hand pump near Peer Baba Samadh, Bhankarpur, Tehsil Dera Bassi, Distt. SAS Nagar.	13/4/23 13/4/23	312	SAS Nagar	27	2918	7.1	BDL	1738	BDL	BDL	1071	919	1065	258	102	0.5	0.5	214	82	310	183	31	7.7	26	BDL

**Note:** 1) BOD, T.Coli, F.Coli, TKN, Amm.N, P.alk and PO<sub>4</sub> were BDL in all the samples

2) Pesticides i.e. Alpha HCH, Beta HCH, Gama HCH, Anilophos, Chloropyrifos, 4,4' DDT, Endosulphan-1, Endosulphan-2, Dieldrin, Aldrin & Malathian Were BDL.

3) BDL means below method Detection Limit.

### Monitoring Results of Ground Water Samples under NWMP for month of April, 2022

Sr. no.	Point of Collection	Sample Collected By RO	Location Code	Fe mg/l	Zn mg/l	Cu mg/l	Ni mg/l	T. Cr mg/l	Pb mg/l	Cd mg/l	As mg/l	Hg mg/l
1	Piezometer between Ash dyke & water reservoir, Nabha Power Limited, Village Nalash, Rajpura	Patiala	4143	Sample not collected								
2	Piezometer of M/s Patiala Distillers Pvt. Ltd., Village Main	Patiala	4144	Sample not collected								
3	Submersible installed in the premises of Baba Dramaya Ji Nath Mandir at village Rasouli (Sagar Para Drain meeting with river Ghaggar) Tehsil Patran	Patiala	4145	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4	CETP Module-2 (Leather Complex) Entry Gate, Jalandhar,	Jalandhar	2923	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5	M/s Kalsi International, Plot no.144, Leather complex (Opp CETP), Jalandhar	Jalandhar	2922	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	From Piezometer at Village Hamira, Kapurthala	Jalandhar	2920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Near Lagoons of M/s J.I.L/ Railway Crossing vill. Hamira.	Jalandhar	2921	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	Submersible at RSSB, Tibba Road, Ludhiana, Indl. Area	LudhianaII	4134	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
9	MGW Dumping Site, Jamalpur, Ludhiana	LudhianaII	4135	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
10	STP, Jamalpur, Ludhiana	LudhianaII	4136	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11	Haibowal, Dairy Complex, Near Jagga Di Diary, Ludhiana	LudhianaIII	1900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12	PAU Research fields, Ludhiana	LudhianaIII	1903	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13	Dashmesh Nagar, Gali No. 12, Gurdhwara, Ludhiana	LudhianaIII	4153	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14	Dairy Complex, Tajpur Road, Ludhiana	LudhianaIII	4155	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
15	TSSM Sr. Sec School Shimlapuri, Ludhiana	LudhianaII	4154	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16	Submersible installed in area on Sua Road near Dhandari Kalan, Ludhiana	LudhianaII	4156	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
17	Submersible installed in the area on Janta Nagar, Ludhiana	LudhianaII	4157	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18	Submersible installed near Dushera Ground, Industrial Estate, Ludhiana	LudhianaII	1901	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19	House of Sh. Ashok Singh, VPO- Gumtala, Near Maha Luxmi GWeet Shop, Amritsar,	Amritsar	2916	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20	Hotel Grace, 35, Brahmputta Market opposite Hotel Sita Niwas, Amritsar,	Amritsar	2917	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21	Police Station, Phase-3, Focal Point, Ludhiana	LudhianaI	1902	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
22	Bawa Oil Company (HP Petrol Pump), GT road, Sherpur, Ludhiana	LudhianaI	1898	BDL	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL

**Note: BDL means Below Method Detection Limit**

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23	HP Park adjoining M/s National Industries, E-128, Phase-IV, Focal Point, Ludhiana	LudhianaI	4139	0.13	0.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL
24	H.P. in Sahota Baghabni Farm, Village Harian, Machhiwara	LudhianaI	4140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25	Hand pump located at the resident of Sh. Dharampal S/o Atma Ram, Village Toansa, backside of M/s Ranbaxy, Distt. SBS Nagar.	Hoshiarpur	2930	<b>Sample not collected</b>								
26	Hand pump located at the resident of Sh. Mohan Lal S/o Relu Ram, Toansa, Balachaur Distt. SBS Nagar.	Hoshiarpur	2931	<b>Sample not collected</b>								
27	Hand Pump (100' Deep) installed near, 149 Near Sant Pritam School, Ambey Majra Mandi Gobindgrah	Fatehgarh Sahib	4138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28	Hand Pump (100' Deep) installed, at M/s Deep Steel Ltd, Vill. Mugal Majra, Mandi Gobindgrah	Fatehgarh Sahib	4137	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
29	Hand Pump (80' Deep) installed near the ESI Hospital, Guru ki Nagri, Mandi Gobindgrah.	Fatehgarh Sahib	2924	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30	Submersible Pump installed (150' deep) at M/s Agni Refractory, Vill Ajnali, G.T. Road, Mandi Gobindgrah	Fatehgarh Sahib	2925	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
31	H.P in the premises of cremation ground of Vill. Ratoul Rohi near Malbros International (p) Ltd, Village Mansoorwal, Tehsil Zira, Distt Ferozpur along Talwandi- Zira Road Zira	Faridkot	4151	<b>Sample not collected</b>								
32	adjoining HP- Petrol Pump, at a distance of Approx. at 200 from M/s HMEL Refinery	Bathinda	4148	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
33	Gurukul College near Ash Dykes of Guru Nanak Dev Thermal Power Plant, Bathinda.	Bathinda	4147	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
34	Petrol pump near M/s Guru Hargobind thermal plant, Lehra Mohabbat, Distt. Bathinda .	Bathinda	4149	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
35	Tubewell installed along with a link road meeting Muksar-Malout road from village Rahurianwali Distt. Sri Muksar Sahib in the house of Sh. Harcharan Singh S/o Sh. Rajinder Singh.	Bathinda	4150	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
36	Hand Pump near Municipal Solid Waste Dumping site, Village Deriwal Pathankot	Batala	4142	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
37	Tubewell at PSPCL 66 KVA Sub-Station (300ft approx.) Industrial Growth Centre, Pathankot	Batala	4141	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
38	Hand pump installed in the residence of Sh. Daler Chand- S/o Bakshi Ram., 29, Near Ash dyke in Village Bela Dhiani.	SAS Nagar	2926	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
39	Hand pump installed in the residence of Sh. DevRaj S/o Sh. Pritam Chand Dyke in Village Bela Dhiani	SAS Nagar	2927	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
40	Hand pump of the Thermal Plant at Village Ranjeetpura	SAS Nagar	2929	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
41	Hand pump of the Thermal Plant at Village Chakdhera.	SAS Nagar	2928	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
42	Hand pump installed at Railway crossing, Lalru, Teh. Dera Bassi SAS Nagar	SAS Nagar	2918	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
43	Hand pump near Peer Baba Samadh, Bhankarpur, Tehsil Dera Bassi, Distt. SAS Nagar.	SAS Nagar	2919	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Note: BDL means Below Method Detection Limit

**Monitoring Results of Ground Water Samples under NWMP for the month of October, 2023**

Sr. no.	Point of Collection	Date of collection/receipt in lab	Sample Collected By RO	GW Code	Depth in mts	Location Code	pH	Turb. NTU	Cond $\mu$ s/cm	COD mg/l	TSS mg/l	TDS mg/l	TFS mg/l	T.H as CaCO <sub>3</sub> mg/l	Ca mg/l	Mg mg/l	F mg/l	NO <sub>3</sub> as N mg/l	Cl mg/l	SO <sub>4</sub> mg/l	Talk as CaCO <sub>3</sub> mg/l	Na mg/l	K mg/l	PO <sub>4</sub> mg/l	SAR	% Na	B mg/l
1	Piezometer between Ash dyke & water reservoir, Nabha Power Limited, Village Nalash, Rajpura	-	-	-	-	4143	Sample not collected																				
2	Piezometer of M/s Patiala Distillers Pvt. Ltd., Village Main	-	Patiala	-	-	4144	Sample not collected																				
3	Submersible installed in the premises of Baba Dramaya Ji Nath Mandir at village Rasouli (Sagar Para Drain meeting with river Ghaggar) Tehsil Patran	-	Patiala	-	-	4145	Sample not collected																				
4	CETP Module-2 (Leather Complex) Entry Gate, Jalandhar,	28/11/23 29/11/23	Jalandhar	449	100	2923	7.6	BDL	1225	BDL	BDL	735	627	536	127	53	0.3	0.6	121	87	267	128	48	0.6	4.6	32	BDL
30 54 0	25M23/28s29 26K27a311si International, Plot no.144, Leather complex (Opp CETP), Jalandhar	28/11/23 29/11/23	Jalandhar	450	100	2922	7.5	BDL	897	BDL	BDL	538	458	277	78	20	BDL	0.4	108	52	248	97	22	0.2	4.5	41	BDL
6	From Piezometer at Village Hamira, Kapurthala	28/11/23 29/11/23	Jalandhar	447	40	2920	6.9	BDL	1208	BDL	BDL	721	6414	548	153	40	0.1	0.5	160	64	235	115	38	0.3	1.3	30	BDL
7	Near Lagoons of M/s J.I.L/ Railway Crossing vill. Hamira.	28/11/23 29/11/23	Jalandhar	448	40	2921	7.5	BDL	835	BDL	BDL	503	428	273	78	19	BDL	0.3	92	41	243	94	21	0.3	3.1	40	BDL
8	Submersible at ret, Tibba Road, Ludhiana, Indl. Area	28/11/23 29/11/23	LudhianaIII	413	350	4134	7.7	BDL	710	BDL	BDL	427	363	370	123	15	BDL	BDL	45	24	283	58	3	BDL	1.3	25	BDL
9	MSW Dumping Site, Jamalpur, Ludhiana	28/11/23 29/11/23	LudhianaIII	414	300	4135	7.2	BDL	941	BDL	BDL	565	482	484	131	38	0.3	0.6	88	48	291	68	5	BDL	2.2	23	BDL
10	STP, Jamalpur, Ludhiana	19/10/2023 20/10/23	LudhianaIII	415	350	4136	7.3	BDL	724	BDL	BDL	435	372	325	87	26	0.2	0.5	61	65	232	60	5	BDL	2.1	28	BDL
11	Haibowal, Dairy Complex, Near Jagga Di Diary, Ludhiana	19/10/2023 20/10/23	LudhianaIII	416	275	1900	7.6	BDL	965	BDL	BDL	565	480	441	142	21	0.3	0.5	98	49	272	84	11	BDL	3.9	29	BDL
12	PAU Research fields, Ludhiana	19/10/2023 20/10/23	LudhianaIII	417	400	1903	7.8	BDL	548	BDL	BDL	331	283	206	69	8	BDL	BDL	48	18	228	33	3	BDL	2.6	26	BDL
13	Dashmesh Nagar, Gali No. 12, Gurdhwara, Ludhiana	19/10/2023 20/10/23	LudhianaIII	418	300	4153	7.2	BDL	1210	BDL	BDL	724	615	640	185	43	0.4	0.5	98	65	318	112	16	BDL	1.3	27	BDL
14	Dairy Complex, Tajpur Road, Ludhiana	19/10/2023 20/10/23	LudhianaIII	419	300	4155	7.2	BDL	941	BDL	BDL	563	481	437	135	24	0.3	0.6	90	58	231	92	13	BDL	3.0	31	BDL
15	TSSM Sr. Sec School Shimlapuri, Ludhiana	-	LudhianaII	-	270	4154	Sample not collected																				
16	Submersible installed in area on Sua Road near Dhandari Kalan, Ludhiana	-	LudhianaII	-	250	4156	Sample not collected																				
17	Submersible installed in the area on Janta Nagar, Ludhiana	-	LudhianaII	-	190	4157	Sample not collected																				

**Note:** 1) BOD, T.Coli, F.Coli, TKN, Amm.N, P.alk and PO<sub>4</sub> were BDL in all the samples  
2) Pesticides i.e. Alpha HCH, Beta HCH, Gama HCH, Anilophos, Chloropyrifos, 4,4' DDT, Endosulphan-1, Endosulphan-2, Dieldrin, Aldrin & Malathian were BDL.  
3) BDL means Below method Detection Limit.

Sr. no.	Point of Collection	Date of collection/ receipt in lab	Sample Collected By RO	Depth in mts	GW Code	Location Code	pH	Turb. NTU	Cond $\mu$ s/cm	COD mg/l	TSS mg/l	TDS mg/l	TFS mg/l	T.H as CaCO <sub>3</sub> mg/l	Ca mg/l	Mg mg/l	F mg/l	NO <sub>3</sub> as N mg/l	Cl mg/l	SO <sub>4</sub> mg/l	TAlk as CaCO <sub>3</sub> mg/l	Na mg/l	K mg/l	PO <sub>4</sub> mg/l	SAR	% Na	B mg/l	
18	Submersible installed near Dushera Ground, Industrial Estate, Ludhiana	-	LudhianaII	400	-	1901																						
19	House of Sh. Ashok Singh, VPO-Gumtala, Near Maha Luxmi GWeet Shop, Amritsar,	5/10/23 6/10/23	Amritsar	-	404	2916	7.3	BDL	1321	BDL	BDL	789	673	481	115	47	0.2	0.7	129	78	410	138	23	BDL	1.3	12	BDL	
20	Hotel Grace, 35, Brahmbutta Market opposite Hotel Sita Niwas, Amritsar,	5/10/23 6/10/23	Amritsar	-	405	2917	7.3	BDL	1234	BDL	BDL	738	630	455	111	43	0.3	0.6	119	74	398	121	20	BDL	4.0	35	BDL	
21	Police Station, Phase-3, Focal Point, Ludhiana	11/10/23 12/10/23	LudhianaI	350	406	1902	7.1	BDL	1610	BDL	BDL	961	821	698	200	48	0.3	0.5	194	111	287	192	29	0.3	1.3	36	BDL	
22	Bawa Oil Company (HP Petrol Pump), GT road, Sherpur, Ludhiana	11/10/23 12/10/23	LudhianaI	250	407	1898	7.2	BDL	1824	BDL	BDL	1093	931	843	212	76	0.4	0.6	244	135	315	187	39	BDL	6.2	31	BDL	
23	HP Park adjoining M/s National Industries, E-128, Phase-IV, Focal Point, Ludhiana	11/10/23 12/10/23	LudhianaI	250	408	4139	6.7	BDL	2016	BDL	BDL	1207	1031	870	218	79	0.6	0.8	298	143	349	201	49	BDL	7.2	32	BDL	
24	H.P. in Sahota Baghabni Farm, Village Harian, Machhiwara	11/10/23 12/10/23	LudhianaI	-	410	4140	7.3	BDL	725	BDL	BDL	411	353	321	92	22	0.3	0.5	67	31	207	57	3	BDL	1.9	28	BDL	
25	Hand pump located at the resident of Sh. Dharampal S/o Atma Ram, Village Toansa, backside of M/s Ranbaxy, Distt. SBS Nagar.	-	Hoshiarpur	-	-	2930	Sample not collected																					
26	Hand pump located at the resident of Sh. Mohan Lal S/o Relu Ram, Toansa, Balachaur Distt. SBS Nagar.	-	Hoshiarpur	-	-	2931	Sample not collected																					
27	Hand Pump (100' Deep) installed near, 149 Near Sant Pritam School, Ambey Majra Mandi Gobindgrah	29/11/23 30/11/23	Fatehgarh Sahib	100	454	4138	7.5	BDL	681	BDL	BDL	408	348	240	71	15	BDL	0.2	58	31	246	58	15	BDL	1.9	33	BDL	
28	Hand Pump (100' Deep) installed, at M/s Deep Steel Ltd, Vill. Mugal Majra, Mandi Gobindgrah	29/11/23 30/11/23	Fatehgarh Sahib	100	453	4137	7.9	BDL	1102	BDL	BDL	658	561	498	115	51	0.2	0.6	110	73	296	98	22	BDL	1.3	29	BDL	
29	Hand Pump (80' Deep) installed near the ESI Hospital, Guru ki Nagri, Mandi Gobindgrah.	29/11/23 30/11/23	Fatehgarh Sahib	150	452	2924	7.4	BDL	969	BDL	BDL	578	493	386	103	31	0.1	0.6	98	53	262	100	17	BDL	3.3	35	BDL	
30	Submersible Pump installed (150' deep) at M/s Agni Refractory, Vill Ajnali, G.T. Road, Mandi Gobindgrah	29/11/23 30/11/23	Fatehgarh Sahib	80	451	2925	7.6	BDL	1086	BDL	BDL	647	553	495	117	49	0.3	0.6	111	58	227	108	22	BDL	1.3	31	BDL	
31	H.P in the premises of cremation ground of Vill. Ratoul Rohi near Malbros International (p) Ltd, Village Mansoorwal, Tehsil Zira, Distt Ferozpur along Talwandi-Zira Road Zira	-	Faridkot	-	-	4151	Sample not collected																					
32	adjoining HP- Petrol Pump, at a distance of Approx. at 200 from M/s HMEL Refinery	23/11/23 24/11/23	Bathinda	-	444	4148	7.7	BDL	1331	BDL	BDL	798	681	774	181	78	0.3	0.6	184	77	238	102	22	BDL	1.3	22	BDL	

**Note:** 1) BOD, T.Coli, F.Coli, TKN, Amm.N, P.alk and PO<sub>4</sub> were BDL in all the samples  
2) Pesticides i.e. Alpha HCH, Beta HCH, Gama HCH, Anilophos, Chloropyrifos, 4,4' DDT, Endosulphan-1, Endosulphan-2, Dieldrin, Aldrin & Malathian Were BDL.  
3) BDL means below method Detection Limit.

Sr. no.	Point of Collection	Date of collection/ receipt in lab	Lab Sample No.	Sample Collected By RO	Depth in mts	Location Code	pH	Turb. NTU	Cond $\mu$ s/cm	COD mg/l	TSS mg/l	TDS mg/l	TFS mg/l	T.H as CaCO <sub>3</sub> mg/l	Ca mg/l	Mg mg/l	F mg/l	NO <sub>3</sub> as N mg/l	Cl mg/l	SO <sub>4</sub> mg/l	TAlk as CaCO <sub>3</sub> mg/l	Na mg/l	K mg/l	SAR	% Na	B mg/l
33	Gurukul College near Ash Dykes of Guru Nanak Dev Thermal Power Plant, Bathinda.	23/11/23 24/11/23	445	Bathinda	100	4147	7.3	BDL	1398	BDL	BDL	841	717	745	178	73	0.3	0.4	188	98	248	112	29	3.7	24	BDL
34	Petrol pump near M/s Guru Hargobind thermal plant, Lehra Mohabbat, Distt. Bathinda .	23/11/23 24/11/23	446	Bathinda	60	4149	7.3	BDL	1498	BDL	BDL	899	767	633	131	74	0.2	0.6	228	121	251	142	39	5.1	31	BDL
35	Tubewell installed along with a link road meeting Muksar-Malout road from village Rahurianwali Distt. Sri Muksar Sahib in the house of Sh. Harcharan Singh S/o Sh. Rajinder Singh.	29/11/23 30/11/23	455	Bathinda	40	4150	7.8	BDL	1001	BDL	BDL	594	510	319	117	49	0.1	0.3	108	55	258	82	13	1.3	26	BDL
36	Hand Pump near Municipal Solid Waste Dumping site, Village Deriwal Pathankot	-	-	Batala	12	4142	Sample not collected																			
37	Tubewell at PSPCL 66 KVA Sub-Station (300ft approx.) Industrial Growth Centre, Pathankot	-	-	Batala	61	4141	Sample not collected																			
38	Hand pump installed in the residence of Sh. Daler Chand- S/o Bakshi Ram., 29, Near Ash dyke in Village Bela Dhiani.	-	-	SAS Nagar	9	2926	Sample not collected																			
39	Hand pump installed in the residence of Sh. DevRaj S/o Sh. Pritam Chand Dyke in Village Bela Dhiani	-	-	SAS Nagar	9	2927	Sample not collected																			
40	Hand pump of the Thermal Plant at Village Ranjeetpura	-	-	SAS Nagar	6	2929	Sample not collected																			
41	Hand pump of the Thermal Plant at Village Chakdhera.	-	-	SAS Nagar	6	2928	Sample not collected																			
42	Hand pump installed at Railway crossing, Lalru, Teh. Dera Bassi SAS Nagar	16/10/23 17/10/23	411	SAS Nagar	30	2919	7.3	BDL	2480	BDL	BDL	1475	1255	1291	268	151	0.5	0.6	286	124	440	301	72	1.3	32	BDL
43	Hand pump near Peer Baba Samadh, Bhankarpur, Tehsil Dera Bassi, Distt. SAS Nagar.	16/10/23 17/10/23	412	SAS Nagar	27	2918	7.2	BDL	2030	BDL	BDL	1218	1041	1115	242	124	0.6	0.7	241	104	392	215	48	7.1	28	BDL

**Note:** 1) BOD, T.Coli, F.Coli, TKN, Amm.N, P.alk and PO<sub>4</sub> were BDL in all the samples  
2) Pesticides i.e. Alpha HCH, Beta HCH, Gama HCH, Anilophos, Chloropyrifos, 4,4' DDT, Endosulphan-1, Endosulphan-2, Dieldrin, Aldrin & Malathian Were BDL.  
3) BDL means below method Detection Limit.



### Monitoring Results of Ground Water Samples under NWMP for month of October, 2023

Sr. no.	Point of Collection	Sample Collected By RO	Location Code	Fe mg/l	Zn mg/l	Cu mg/l	Ni mg/l	T. Cr mg/l	Pb mg/l	Cd mg/l	As mg/l	Hg mg/l
1	Piezometer between Ash dyke & water reservoir, Nabha Power Limited, Village Nalash, Rajpura	Patiala	4143	<b>Sample not collected</b>								
2	Piezometer of M/s Patiala Distillers Pvt. Ltd., Village Main	Patiala	4144	<b>Sample not collected</b>								
3	Submersible installed in the premises of Baba Dramaya Ji Nath Mandir at village Rasouli (Sagar Para Drain meeting with river Ghaggar) Tehsil Patran	Patiala	4145	<b>Sample not collected</b>								
4	CETP Module-2 (Leather Complex) Entry Gate, Jalandhar,	Jalandhar	2923	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5	M/s Kalsi International, Plot no.144, Leather complex (Opp CETP), Jalandhar	Jalandhar	2922	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	From Piezometer at Village Hamira, Kapurthala	Jalandhar	2920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Near Lagoons of M/s J.I.L/ Railway Crossing vill. Hamira.	Jalandhar	2921	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	Submersible at RSSB, Tibba Road, Ludhiana, Indl. Area	LudhianaII	4134	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
9	MGW Dumping Site, Jamalpur, Ludhiana	LudhianaII	4135	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
10	STP, Jamalpur, Ludhiana	LudhianaII	4136	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11	Haibowal, Dairy Complex, Near Jagga Di Diary, Ludhiana	LudhianaIII	1900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12	PAU Research fields, Ludhiana	LudhianaIII	1903	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13	Dashmesh Nagar, Gali No. 12, Gurdhwara, Ludhiana	LudhianaIII	4153	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14	Dairy Complex, Tajpur Road, Ludhiana	LudhianaIII	4155	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
15	TSSM Sr. Sec School Shimlapuri, Ludhiana	LudhianaII	4154	<b>Sample not collected</b>								
16	Submersible installed in area on Sua Road near Dhandari Kalan, Ludhiana	LudhianaII	4156	<b>Sample not collected</b>								
17	Submersible installed in the area on Janta Nagar, Ludhiana	LudhianaII	4157	<b>Sample not collected</b>								
18	Submersible installed near Dushera Ground, Industrial Estate, Ludhiana	LudhianaII	1901	<b>Sample not collected</b>								
19	House of Sh. Ashok Singh, VPO- Gumtala, Near Maha Luxmi GWeet Shop, Amritsar,	Amritsar	2916	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20	Hotel Grace, 35, Brahmbutta Market opposite Hotel Sita Niwas, Amritsar,	Amritsar	2917	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21	Police Station, Phase-3, Focal Point, Ludhiana	LudhianaI	1902	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
22	Bawa Oil Company (HP Petrol Pump), GT road, Sherpur, Ludhiana	LudhianaI	1898	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

**Note: BDL means Below Method Detection Limit**

Sr. no.	Point of Collection	Sample Collected By RO	Location Code	Fe mg/l	Zn mg/l	Cu mg/l	Ni mg/l	T. Cr mg/l	Pb mg/l	Cd mg/l	As mg/l	Hg mg/l
23	HP Park adjoining M/s National Industries, E-128, Phase-IV, Focal Point, Ludhiana	LudhianaI	4139	0.15	0.62	BDL	BDL	BDL	BDL	BDL	BDL	BDL
24	H.P. in Sahota Baghabni Farm, Village Hariian, Machhiwara	LudhianaI	4140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25	Hand pump located at the resident of Sh. Dharampal S/o Atma Ram, Village Toansa, backside of M/s Ranbaxy, Distt. SBS Nagar.	Hoshiarpur	2930	<b>Sample not collected</b>								
26	Hand pump located at the resident of Sh. Mohan Lal S/o Relu Ram, Toansa, Balachaur Distt. SBS Nagar.	Hoshiarpur	2931	<b>Sample not collected</b>								
27	Hand Pump (100' Deep) installed near, 149 Near Sant Pritam School, Ambey Majra Mandi Gobindgrah	Fatehgarh Sahib	4138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28	Hand Pump (100' Deep) installed, at M/s Deep Steel Ltd, Vill. Mugal Majra, Mandi Gobindgrah	Fatehgarh Sahib	4137	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
29	Hand Pump (80' Deep) installed near the ESI Hospital, Guru ki Nagri, Mandi Gobindgrah.	Fatehgarh Sahib	2924	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30	Submersible Pump installed (150' deep) at M/s Agni Refractory, Vill Ajnali, G.T. Road, Mandi Gobindgrah	Fatehgarh Sahib	2925	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
31	H.P in the premises of cremation ground of Vill. Ratoul Rohi near Malbros International (p) Ltd, Village Mansoorwal, Tehsil Zira, Distt Ferozpur along Talwandi- Zira Road Zira	Faridkot	4151									
32	adjoining HP- Petrol Pump, at a distance of Approx. at 200 from M/s HMEL Refinery	Bathinda	4148	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
33	Gurukul College near Ash Dykes of Guru Nanak Dev Thermal Power Plant, Bathinda.	Bathinda	4147	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
34	Petrol pump near M/s Guru Hargobind therml plant, Lehra Mohabbat, Distt. Bathinda .	Bathinda	4149	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
35	Tubewell installed along with a link road meeting Muktsar-Malout road from village Rahurianwali Distt. Sri Muktsar Sahib in the house of Sh. Harcharan Singh S/o Sh. Rajinder Singh.	Bathinda	4150	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
36	Hand Pump near Municipal Solid Waste Dumping site, Village Deriwal Pathankot	Batala	4142	<b>Sample not collected</b>								
37	Tubewell at PSPCL 66 KVA Sub-Station (300ft approx.) Industrial Growth Centre, Pathankot	Batala	4141	<b>Sample not collected</b>								
38	Hand pump installed in the residence of Sh. Daler Chand- S/o Bakshi Ram., 29, Near Ash dyke in Village Bela Dhiani.	SAS Nagar	2926	<b>Sample not collected</b>								
39	Hand pump installed in the residence of Sh. DevRaj S/o Sh. Pritam Chand Dyke in Village Bela Dhiani	SAS Nagar	2927	<b>Sample not collected</b>								
40	Hand pump of the Thermal Plant at Village Ranjeetpura	SAS Nagar	2929	<b>Sample not collected</b>								
41	Hand pump of the Thermal Plant at Village Chakdhera.	SAS Nagar	2928	<b>Sample not collected</b>								
42	Hand pump installed at Railway crossing, Lalru, Teh. Dera Bassi SAS Nagar	SAS Nagar	2918	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
43	Hand pump near Peer Baba Samadh, Bhankarpur, Tehsil Dera Bassi, Distt. SAS Nagar.	SAS Nagar	2919	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Note: BDL means Below Method Detection Limit