

DRINKING WATER QUALITY - DISTRICT LAHORE URBAL AREAS

Sr. No.	Sample Code	Village	Union Council	Tehsil	Location	Source	Water Table Reserve Level (FSCQ)	Depth m	EC µS/cm	TDS mg/l	pH	Turbid- ity NTU	Color	Taste	Odor	Alk mmol/l	CO <sub>3</sub> mg/l	Cl mg/l	SO <sub>4</sub> mg/l	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Hard- ness	Fe mg/l	NO <sub>3</sub> mg/l	F mg/l	PO <sub>4</sub>	As ppb	Pb ppb	Total Coliform	E.Coli	Safe/ Unsafe	
1	LAH-1	Niaz Beg	Niaz Beg	Lahore	Mushqaf Ahmad S/O M Hasan	Int.Pump	50	180	650	425	7.8	1.8	C.Less	Un-Obj	Un-Obj	7	0	340	14	42	74	45	40	330	0.17	3.20	3.4	0.35	34.64	0.28	-ve	-ve	Safe	
2	LAH-2	Niaz Beg	Niaz Beg	Lahore	M Hussain S/O Shahadat M	Int.Pump	50	180	1136	753	7.8	1.0	C.Less	Un-Obj	Un-Obj	10	0	490	50	124	72	53	140	4	400	0.02	3.40	0.72	3.31	1.37	1.08	-ve	-ve	Safe
3	LAH-3	Niaz Beg	Niaz Beg	Lahore	Risat Ali S/O Nawaz M	Int.Pump	50	150	1880	1046	7.9	0.2	C.Less	Un-Obj	Un-Obj	14	0	720	126	39	64	27	320	5	270	0.02	7.40	1.49	0.32	5.47	0.11	+ve	+ve	Unsafe
4	LAH-4	Niaz Beg	Niaz Beg	Lahore	M Ramzan S/O Lal Din	Int.Pump	40	220	2215	1475	7.6	1.9	C.Less	Un-Obj	Un-Obj	13	0	630	206	345	72	109	345	6	630	0.22	3.10	1.00	0.10	17.73	0.46	-ve	-ve	Unsafe
5	LAH-5	Niaz Beg	Niaz Beg	Lahore	Haji Yaqoob S/O Shamund	Int.Pump	30	120	2158	1315	7.8	1.8	C.Less	Un-Obj	Un-Obj	11	0	530	351	142	60	90	350	4	520	0.48	BDL	1.01	0.30	6.28	2.42	-ve	-ve	Unsafe
6	LAH-6	Kanjah	Shah Pur	Lahore	National Commission for Human Development	H.Pump	40	80	1666	937	7.8	3.6	C.Less	Un-Obj	Un-Obj	8	0	390	167	225	84	70	175	6	500	0.79	6.80	0.45	0.06	1.76	1.36	-ve	-ve	Unsafe
7	LAH-7	Kanjah	Shah Pur	Lahore	Damen Adara Sara-e-Teryyett Amal Bhala Garhi	Int.Pump	25	80	1945	1109	7.6	2.3	C.Less	Un-Obj	Un-Obj	10	0	510	161	205	100	44	280	7	430	0.56	BDL	0.45	0.15	16.50	0.16	-ve	-ve	Unsafe
8	LAH-8	Kanjah	Shah Pur	Lahore	Khalli Ahmed S/O Ashiq Muhallah Bhalla Garhi	Int.Pump	35	80	1978	1107	7.6	3.4	C.Less	Un-Obj	Un-Obj	11	0	530	312	10	98	26	328	10	350	0.18	BDL	0.11	0.22	1.96	0.36	+ve	+ve	Unsafe
9	LAH-9	Kanjah	Shah Pur	Lahore	Darbar Baba Rawleh Shah	H.Pump	30	70	347	237	7.8	0.0	C.Less	Un-Obj	Un-Obj	4	0	200	14	23	38	24	15	3	195	1.11	BDL	0.23	0.28	70.10	1.44	-ve	-ve	Unsafe
10	LAH-10	Kanjah	Shah Pur	Lahore	M Shaifq S/O Hanif	Int.Pump	40	200	618	361	7.8	1.9	C.Less	Un-Obj	Un-Obj	4	0	220	35	58	52	19	58	7	210	0.03	BDL	0.17	0.24	1.69	3.35	-ve	-ve	Safe
11	LAH-11	Shah Pur	Shah Pur	Lahore	M Sajid S/O M Habib	H.Pump	45	200	775	464	7.9	1.8	C.Less	Un-Obj	Un-Obj	7	0	340	12	68	30	18	130	2	150	0.06	BDL	1.28	0.24	4.41	1.48	-ve	-ve	Safe
12	LAH-12	Shah Pur	Shah Pur	Lahore	Mazhar Nasseem Trust High School	Int.Pump	40	150	1530	1072	7.6	1.7	C.Less	Un-Obj	Un-Obj	10	0	520	188	92	56	32	300	4	270	0.02	6.50	1.43	0.20	20.78	3.24	-ve	-ve	Unsafe
13	LAH-13	Shah Pur	Shah Pur	Lahore	Dera Neer S/O Magsood Shah	Int.Pump	35	60	1365	782	7.7	1.4	C.Less	Un-Obj	Un-Obj	9	0	430	94	100	94	60	130	4	480	0.01	9.60	0.73	0.27	36.12	0.18	-ve	-ve	Safe
14	LAH-14	Shah Pur	Shah Pur	Lahore	Irhan Hafeez S/O Abdul Hafeez	Int.Pump	60	220	583	401	7.9	1.9	C.Less	Un-Obj	Un-Obj	6	0	300	18	44	36	24	85	3	190	0.01	2.50	0.22	0.15	6.72	1.21	-ve	-ve	Safe
15	LAH-15	Shah Pur	Shah Pur	Lahore	M Arshad S/O M Manzoor	Int.Pump	35	120	1360	799	7.9	2.0	C.Less	Un-Obj	Un-Obj	6	0	320	100	157	56	19	198	6	220	0.02	15.90	0.38	0.13	7.97	4.51	-ve	-ve	Unsafe
16	LAH-16	Shamke Bhattan	Shamke Bhattan	Lahore	Sher Tuba S/O Allah Ditta	Int.Pump	45	140	1146	703	8.0	1.2	C.Less	Un-Obj	Un-Obj	7	0	340	71	180	52	45	126	3	315	1.39	4.90	0.52	0.04	10.86	2.73	-ve	-ve	Unsafe
17	LAH-17	Shamke Bhattan	Shamke Bhattan	Lahore	Mian Munir Ahmed Ala Chacki	Int.Pump	55	85	860	545	7.3	1.9	C.Less	Un-Obj	Un-Obj	8	0	410	18	42	8	7	200	1	50	0.15	2.06	0.52	8.54	1.70	-ve	-ve	Safe	
18	LAH-18	Shamke Bhattan	Shamke Bhattan	Lahore	M Aslam Bhatt S/O Yaqoob Bhatt	Int.Pump	45	190	994	587	8.1	1.3	C.Less	Un-Obj	Un-Obj	9	0	450	25	65	34	22	154	3	175	0.10	3.20	1.06	0.00	11.23	6.52	-ve	-ve	Safe
19	LAH-19	Shamke Bhattan	Shamke Bhattan	Lahore	Haji Muhammad Bashir S/O Gohar	Int.Pump	45	90	1032	650	7.3	1.8	C.Less	Un-Obj	Un-Obj	10	0	480	39	76	18	11	200	3	90	0.04	BDL	1.50	0.10	1.47	2.96	-ve	-ve	Safe
20	LAH-20	Shamke Bhattan	Shamke Bhattan	Lahore	Govt Girls High School	Int.Pump	45	213	722	432	8.2	3.8	C.Less	Un-Obj	Un-Obj	6	0	310	32	52	16	15	129	2	100	0.02	0.07	1.35	0.08	72.50	0.40	-ve	-ve	Unsafe
21	LAH-21	Kamas	Sultan k	Lahore	Dera Malik Muhammad Anver 1km E From Kamas	H.Pump	40	85	1370	821	7.8	1.6	C.Less	Un-Obj	Un-Obj	11	0	550	50	94	8	5	310	2	40	0.02	5.10	1.08	0.13	8.85	4.68	-ve	-ve	Unsafe
22	LAH-22	Kamas	Sultan k	Lahore	Haweli Muhammad Din	H.Pump	40	90	1497	877	7.7	2.1	C.Less	Un-Obj	Un-Obj	8	0	420	148	125	66	38	200	16	320	BDL	6.25	0.45	0.29	0.75	0.32	-ve	-ve	Safe
23	LAH-23	Kamas	Sultan k	Lahore	Nazir Ahmad S/O Noor M	H.Pump	40	85	587	347	7.9	2.0	C.Less	Un-Obj	Un-Obj	4	0	190	24	78	44	17	61	5	180	0.02	0.91	0.52	0.28	2.69	0.94	-ve	-ve	Safe
24	LAH-24	Kamas	Sultan k	Lahore	Masjid Toheed Ahle Hadees	H.Pump	40	80	1066	672	8.0	1.9	C.Less	Un-Obj	Un-Obj	9	0	470	50	90	40	36	152	8	250	0.01	3.00	1.37	0.57	17.54	2.45	-ve	-ve	Safe
25	LAH-25	Kamas	Sultan k	Lahore	Haweli Raheed Ahmed S/O Bhagat	H.Pump	40	80	1220	748	8.1	3.3	C.Less	Un-Obj	Un-Obj	10	0	520	17	80	12	12	280	3	80	0.12	7.30	1.36	0.49	9.58	4.66	-ve	-ve	Unsafe
26	LAH-26	Sultan k	Sultan k	Lahore	M Naseem S/O Nazir Hussain	H.Pump	40	85	1280	803	7.7	1.3	C.Less	Un-Obj	Un-Obj	10	0	510	75	94	40	24	260	3	200	0.13	1.40	1.04	0.37	5.97	3.21	+ve	+ve	Unsafe
27	LAH-27	Sultan k	Sultan k	Lahore	M Jamil S/O M Atesq	H.Pump	40	85	1970	1087	7.7	1.3	C.Less	Un-Obj	Un-Obj	10	0	510	75	94	40	24	260	3	200	0.13	1.40	1.04	0.37	5.97	3.21	+ve	+ve	Unsafe
28	LAH-28	Sultan k	Sultan k	Lahore	Makeez Jamia Masjid Anwar-e-Madina	Int.Pump	40	85	2200	1291	7.8	1.8	C.Less	Un-Obj	Un-Obj	14	0	700	184	155	44	29	430	24	230	0.11	1.20	0.98	0.34	33.56	1.20	-ve	-ve	Unsafe
29	LAH-29	Sultan k	Sultan k	Lahore	Faqeer Hussain S/O Mansha	Int.Pump	40	90	1968	1131	7.9	2.0	C.Less	Un-Obj	Un-Obj	12	0	580	180	128	44	32	375	10	240	0.11	3.20	0.52	0.87	3.60	1.84	-ve	-ve	Unsafe
30	LAH-30	Sultan k	Sultan k	Lahore	Bus Stop Sultan K Near Govt High School	H.Pump	45	95	1632	910	7.7	2.1	C.Less	Un-Obj	Un-Obj	11	0	570	106	86	36	19	305	4	170	BDL	2.70	1.42	0.49	11.31	1.48	+ve	+ve	Unsafe
31	LAH-31	Deo Khurd	Deo Khurd	Lahore	M Anif S/O Saraj Din	Int.Pump	60	75	2135	1357	7.2	0.6	C.Less	Un-Obj	Un-Obj	15	0	750	160	245	58	33	385	8	280	BDL	4.20	0.70	10.44	14.43	7.48	-ve	-ve	Unsafe
32	LAH-32	Deo Khurd	Deo Khurd	Lahore	Maria Masood Ghosla	Int.Pump	40	150	1187	706	7.4	3.5	C.Less	Un-Obj	Un-Obj	10	0	520	15	98	10	4	265	40	BDL	BDL	1.17	0.38	10.18	0.49	-ve	-ve	Unsafe	
33	LAH-33	Deo Khurd	Deo Khurd	Lahore	Mukhtar Ali Mehkai	H.Pump	55	95	2253	1352	7.6	0.7	C.Less	Un-Obj	Un-Obj	15	0	760	171	227	44	34	400	9	250	BDL	2.50	1.43	0.35	26.61	0.12	-ve	-ve	Unsafe
34	LAH-34	Deo Khurd	Deo Khurd	Lahore	M Jamil S/O Fajru Khan	Int.Pump	65	11	2267	1274	7.5	1.3	C.Less	Un-Obj	Un-Obj	15	0	750	149	195	28	39	390	6	230	0.03	3.90	1.50	0.43	31.24	2.59	-ve	-ve	Unsafe
35	LAH-35	Deo Khurd	Deo Khurd	Lahore	M Anveen Bhatt S/O Charg Din	H.Pump	70	105	1488	857	7.7	1.1	C.Less	Un-Obj	Un-Obj	13	0	640	47	108	28	45	230	3	255	0.02	2.70	1.21	0.43	57.70	0.71	-ve	-ve	Unsafe
36	LAH-36	Kahaman	Kahaman	Lahore	M Hassan S/O M Ismail Near hospital	Int.Pump	50	100	1132	685	7.4	1.4	C.Less	Un-Obj	Un-Obj	10	0	520	28	82	56	66	106	12	410	BDL	5.20	0.63	0.20	13.23	5.53	+ve	+ve	Unsafe
37	LAH-37	Kahaman	Kahaman	Lahore	Abdul Rashid S/O Suraj mal/Jaweli Mewati	Int.Pump	65	150	908	528	7.5	1.0	C.Less	Un-Obj	Un-Obj	9	0	450	14	54	34	30	120	6	210	BDL	BDL	1.48	0.22	16.57	3.24	-ve	-ve	Safe
38	LAH-38	Kahaman	Kahaman	Lahore	Govt Primary School for boys	Int.Pump	55	105	1393	739	7.6	1.1	C.Less	Un-Obj	Un-Obj	13	0	670	190	158	48	41	178	7	290	BDL	1.70							

Sr. No	Sample Code	Village	Union Council	Tehsil	Location	Source	Water Table	Depth (ft)	EC µS/cm	TDS mg/l	pH	Turbidity NTU	Color	Taste	Odor	Alk. m.mol/l	CO <sub>2</sub> mg/l	HCO <sub>3</sub> mg/l	Cl mg/l	SO <sub>4</sub> mg/l	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Hardness mg/l	Fe mg/l	NO <sub>3</sub> mg/l	F mg/l	PO <sub>4</sub> mg/l	As ppb	Pb ppb	Total Coliform	E.Coli	Safe/Unsafe	Permissible Limits (PSC/C)		
																																			NGVS	1000	6.5-8.5
89	LAH-89	Govend	Govend	Lahore	Chowk (Anwar) Khuh Wala	H.Pump	40	80	1180	657	7.9	4.2	C.Less	Un-Obj	Un-Obj	10	0	500	35	79	32	44	157	4	260	0.02	1.40	1.26	0.31	28.02	0.91	-ve	-ve	Safe	NGVS	1000	
90	LAH-90	Govend	Govend	Lahore	Haveli Umeed Khan Number Dar	Ins.Pump	35	85	1227	690	8.1	1.7	C.Less	Un-Obj	Un-Obj	10	0	520	29	92	20	34	186	17	190	BDL	0.01	1.48	0.33	4.29	0.72	-ve	-ve	Safe	NGVS	1000	
91	LAH-91	Hadyara	Hadyara	Lahore	Haji Almgayee S/O Khuda Baksh	H.Pump	40	80	1200	674	7.6	1.3	C.Less	Un-Obj	Un-Obj	11	0	540	38	70	48	35	154	5	265	0.15	BDL	0.26	0.19	14.43	3.46	-ve	-ve	Safe	NGVS	1000	
92	LAH-92	Hadyara	Hadyara	Lahore	Hawali Basir S/O Hakim Ali Jandawala	Ins.Pump	40	90	1950	1066	7.7	2.4	C.Less	Un-Obj	Un-Obj	14	0	720	113	128	24	56	305	8	290	0.13	BDL	0.90	0.29	5.57	8.37	-ve	-ve	Unsafe	NGVS	1000	
93	LAH-93	Hadyara	Hadyara	Lahore	Janwar Din S/O Qudum Muhammad Jandawala	H.Pump	46	80	1204	1125	7.5	1.3	C.Less	Un-Obj	Un-Obj	16	0	790	84	120	52	27	360	12	290	0.13	1.04	0.38	0.38	12.05	4.04	360	-ve	-ve	Unsafe	NGVS	1000
94	LAH-94	Hadyara	Hadyara	Lahore	M Ameen S/O Shabeer raian	Ins.Pump	45	80	1289	753	8.1	1.9	C.Less	Un-Obj	Un-Obj	11	0	570	46	76	16	26	235	12	145	0.11	BDL	1.38	0.51	13.36	3.68	-ve	-ve	Unsafe	NGVS	1000	
95	LAH-95	Hadyara	Hadyara	Lahore	Khushi Muhammad S/O Chun Meer	H.Pump	45	90	1714	987	7.8	0.1	C.Less	Un-Obj	Un-Obj	13	0	650	129	104	48	36	260	20	270	0.12	BDL	1.07	0.37	1.11	4.44	-ve	-ve	Unsafe	NGVS	1000	
96	LAH-96	Padhana	Hududra	Lahore	M Sharif Awan S/O Sulatan M	Ins.Pump	45	90	1101	672	7.5	1.9	C.Less	Un-Obj	Un-Obj	10	0	520	48	68	72	49	140	10	380	BDL	2.20	0.46	0.35	4.96	2.43	-ve	-ve	Safe	NGVS	1000	
97	LAH-97	Padhana	Hududra	Lahore	Dera Masjid Ahmad Molla	Ins.Pump	40	100	1027	636	7.8	0.0	C.Less	Un-Obj	Un-Obj	10	0	480	50	66	88	36	89	6	370	0.11	2.80	0.37	0.48	1.75	3.92	-ve	-ve	Safe	NGVS	1000	
98	LAH-98	Padhana	Hududra	Lahore	Hasjif Gul Gali	Ins.Pump	40	80	1015	588	7.8	1.5	C.Less	Un-Obj	Un-Obj	9	0	460	46	50	64	49	91	12	360	0.11	BDL	0.40	0.47	16.09	0.13	-ve	-ve	Safe	NGVS	1000	
99	LAH-99	Padhana	Hududra	Lahore	Darbar Baba Shah Jamal	Ins.Pump	40	80	1290	987	7.6	0.8	C.Less	Un-Obj	Un-Obj	12	0	630	115	170	83	152	8	370	0.29	890	0.27	0.23	1.27	2.14	-ve	-ve	Safe	NGVS	1000		
100	LAH-100	Padhana	Hududra	Lahore	Govt High School	Ins.Pump	40	90	1660	1071	8.2	0.7	C.Less	Un-Obj	Un-Obj	16	0	810	65	114	26	35	330	4	210	0.09	2.50	1.02	0.76	12.90	3.02	-ve	-ve	Unsafe	NGVS	1000	
101	LAH-101	Khorian	Khorian	Lahore	Tariq Muhammad S/O Nawab din	Ins.Pump	30	95	950	612	7.5	1.8	C.Less	Un-Obj	Un-Obj	7	0	370	57	86	62	33	136	10	290	0.01	1.50	0.43	0.46	0.64	2.24	-ve	-ve	Safe	NGVS	1000	
102	LAH-102	Khorian	Khorian	Lahore	M Yousef S/O Khuda Baksh	H.Pump	35	70	1193	737	7.7	2.0	C.Less	Un-Obj	Un-Obj	10	0	510	42	106	48	24	188	19	220	0.02	0.90	0.76	0.34	5.87	4.62	-ve	-ve	Safe	NGVS	1000	
103	LAH-103	Khorian	Khorian	Lahore	govt Middle School for boys	H.Pump	30	110	2062	1724	7.5	1.5	C.Less	Un-Obj	Un-Obj	18	0	920	89	200	44	41	460	16	280	0.10	4.80	1.46	0.52	5.27	2.50	+ve	+ve	Unsafe	NGVS	1000	
104	LAH-104	Khorian	Khorian	Lahore	M Azam S/O Mir rafiq Wad no #3	Ins.Pump	30	110	1332	894	7.8	1.9	C.Less	Un-Obj	Un-Obj	13	0	660	42	82	68	29	240	4	290	0.01	7.40	1.36	0.55	17.28	1.38	-ve	-ve	Unsafe	NGVS	1000	
105	LAH-105	Khorian	Khorian	Lahore	M Shakeel babu Anyat Ali tea stall Wala Ada	Ins.Pump	30	100	998	680	7.9	2.0	C.Less	Un-Obj	Un-Obj	9	0	460	25	86	40	17	176	30	170	0.14	6.80	0.89	0.61	19.20	2.16	-ve	-ve	Safe	NGVS	1000	
106	LAH-106	Lidhar	Kamahan	Lahore	Jamia Istamia Arbia raza Ul Rasool	Ins.Pump	35	80	1400	919	7.4	1.3	C.Less	Un-Obj	Un-Obj	13	0	670	40	112	24	5	325	3	80	0.01	1.90	1.28	0.58	39.02	0.09	+ve	+ve	Unsafe	NGVS	1000	
107	LAH-107	Lidhar	Kamahan	Lahore	M Yousof S/O Kareem Baksh	Ins.Pump	32	80	2448	1397	8.1	1.5	C.Less	Un-Obj	Un-Obj	18	0	900	102	220	26	28	475	6	180	0.02	BDL	1.09	0.37	5.74	2.07	-ve	-ve	Unsafe	NGVS	1000	
108	LAH-108	Lidhar	Kamahan	Lahore	Zafar Ali S/O Murat Ali	Ins.Pump	32	85	2075	1302	8.3	1.4	C.Less	Un-Obj	Un-Obj	17	0	830	70	195	24	27	465	8	170	0.01	3.50	1.17	0.34	14.59	1.16	-ve	-ve	Unsafe	NGVS	1000	
109	LAH-109	Lidhar	Kamahan	Lahore	M Huzefa Bhatti S/O Jansay Bhatti	Ins.Pump	35	75	2247	1249	8.1	0.0	C.Less	Un-Obj	Un-Obj	17	0	830	186	185	30	61	340	34	300	0.11	3.40	0.97	33.62	2.37	490	-ve	-ve	Unsafe	NGVS	1000	
110	LAH-110	Lidhar	Kamahan	Lahore	Haji Abdul majid S/O Siraj Din	Ins.Pump	32	90	2825	1647	7.9	1.9	C.Less	Un-Obj	Un-Obj	17	0	890	175	385	92	63	386	38	490	0.04	0.79	0.59	0.29	2.98	1.15	+ve	+ve	Unsafe	NGVS	1000	
111	LAH-111	Mota Singh Wala	Kamahan	Lahore	Amir Shazad S/O Shaif M	Ins.Pump	30	85	1253	800	8.2	1.8	C.Less	Un-Obj	Un-Obj	9	0	450	50	185	30	28	234	20	190	0.01	6.30	0.78	199.00	2.36	-ve	-ve	Unsafe	NGVS	1000		
112	LAH-112	Mota Singh Wala	Kamahan	Lahore	Ghulam Rasool S/O M Sadeeq	Ins.Pump	32	80	825	515	8.3	1.4	C.Less	Un-Obj	Un-Obj	7	0	360	20	62	16	10	168	2	80	0.02	4.70	0.88	30	251.00	3.30	-ve	-ve	Unsafe	NGVS	1000	
113	LAH-113	Mota Singh Wala	Kamahan	Lahore	M Aslam S/O Pattu Khan	H.Pump	31	80	1360	833	8.2	2.3	C.Less	Un-Obj	Un-Obj	10	0	520	60	102	8	2	330	1	30	0.04	3.90	1.15	0.35	161.00	6.85	-ve	-ve	Unsafe	NGVS	1000	
114	LAH-114	Mota Singh Wala	Kamahan	Lahore	M Asif S/O M Sohni	Ins.Pump	32	80	2215	1309	8.3	0.0	C.Less	Un-Obj	Un-Obj	15	0	750	118	230	34	13	450	3	140	0.19	2.50	0.92	0.39	31.00	4.15	-ve	-ve	Unsafe	NGVS	1000	
115	LAH-115	Mota Singh Wala	Kamahan	Lahore	Moham Khan S/O Karachi	Ins.Pump	23	80	1745	992	7.4	0.0	C.Less	Un-Obj	Un-Obj	12	0	605	124	108	84	50	150	75	530	0.29	890	0.27	0.23	1.27	2.14	-ve	-ve	Safe	NGVS	1000	
116	LAH-116	Bhangaali	Bhangaali	Lahore	Malik Khairi M S/O Umer din	Ins.Pump	40	110	1382	935	7.8	1.2	C.Less	Un-Obj	Un-Obj	14	0	810	89	140	44	53	310	2	120	0.74	2.90	1.28	0.31	11.65	1.99	-ve	-ve	Unsafe	NGVS	1000	
117	LAH-117	Bhangaali	Bhangaali	Lahore	Malik Market Main road Bhangaali	H.Pump	40	70	1167	724	7.5	2.4	C.Less	Un-Obj	Un-Obj	11	0	530	34	116	42	40	168	3	270	0.13	0.63	0.70	0.14	0.47	2.58	-ve	-ve	Safe	NGVS	1000	
118	LAH-118	Bhangaali	Bhangaali	Lahore	elimntry School Bhangaali	H.Pump	40	130	684	454	7.6	0.9	C.Less	Un-Obj	Un-Obj	8	0	390	7	54	52	61	22	3	380	0.13	4.70	0.46	0.29	23.00	0.31	-ve	-ve	Safe	NGVS	1000	
119	LAH-119	Bhangaali	Bhangaali	Lahore	Ata Muhammad S/O Ala din	Ins.Pump	55	90	743	513	8.0	1.5	C.Less	Un-Obj	Un-Obj	8	0	380	28	66	48	80	42	4	450	0.12	3.80	0.39	0.25	17.27	1.92	-ve	-ve	Safe	NGVS	1000	
120	LAH-120	Bhangaali	Bhangaali	Lahore	Haveli Malik M yosaf	Ins.Pump	40	125	1570	1002	7.7	1.7	C.Less	Un-Obj	Un-Obj	12	0	620	83	168	52	56	260	6	360	BDL	3.50	0.75	1.16	14.25	5.38	+ve	+ve	Unsafe	NGVS	1000	
121	LAH-121	Nathu kee	Nathu kee	Lahore	The heigst School System	Ins.Pump	40	120	1796	1146	7.5	0.9	C.Less	Un-Obj	Un-Obj	16	0	810	89	140	44	53	310	12	330	0.02	2.50	1.18	0.34	10.70	6.92	-ve	-ve	Unsafe	NGVS	1000	
122	LAH-122	Nathu kee	Nathu kee	Lahore	M Hussain S/O Rehmat Ali	H.Pump	40	100	1354	845	8.0	1.5	C.Less	Un-Obj	Un-Obj	12	0	620	39	116	40	46	220	12	290	0.11	BDL	0.77	0.35	9.24	1.44	-ve	-ve	Unsafe	NGVS	1000	
123	LAH-123	Nathu kee	Nathu kee	Lahore	Haveli M Ashraf S/O Miraj din	Ins.Pump	40	90	1416	875	7.5	1.2	C.Less	Un-Obj	Un-Obj	14	0	680	50	114	40	68	184	6	38												

Sr. No	Sample Code	Village	Union Council	Tehsil	Location	Source	Water Table	Depth (ft)	EC µS/cm	TDS mg/l	pH	Turbidity NTU	Color	Taste	Odor	Alk. m.mol/l	CO <sub>2</sub> mg/l	HCO <sub>3</sub> mg/l	Cl mg/l	SO <sub>4</sub> mg/l	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Hardness mg/l	Fe mg/l	NO <sub>3</sub> mg/l	F mg/l	PO <sub>4</sub> mg/l	As ppb	Pb ppb	Total Coliform	E.Coli	Safe/Unsafe	Permissible Limits (PSC/C)	
																																			NGVS	NGVS
178	LAH-178	Rawind City	Rawind	Lahore	Zaman Shaheryar S/O Shaheryar	Inj.Pump	40	80	814	445	7.6	5.0	C.Less	Un-Obj	Un-Obj	3	140	87	122	8	18	122	3	95	0.04	0.16	0.53	41	14.06	1.69	+ve	+ve	Safe	NGVS	1000	
179	LAH-179	Rawind City	Rawind	Lahore	Jamia Mosque Eid Gah	Inj.Pump	40	65	9940	2323	8.0	2.6	C.Less	Un-Obj	Un-Obj	18	0	920	384	530	10	22	780	31	115	0.08	0.34	0.68	0.32	26.93	1.62	+ve	+ve	Unsafe	NGVS	250
180	LAH-180	Rawind City	Rawind	Lahore	M.Riaz S/O M.Inshad, Railway colony	Inj.Pump	35	80	2092	1171	8.9	2.2	C.Less	Un-Obj	Un-Obj	11	0	530	140	230	2	2	410	17	15	0.17	14.02	0.72	0.31	250.90	2.68	+ve	+ve	Unsafe	NGVS	200
181	LAH-181	Rawind Pind	Pajjan	Lahore	Muhammad Amin S/O Ismail	Inj.Pump	35	70	1934	1072	7.7	1.9	C.Less	Un-Obj	Un-Obj	10	0	475	178	210	30	29	250	36	195	0.14	2.90	0.81	0.28	7.84	1.99	+ve	+ve	Unsafe	NGVS	200
182	LAH-182	Rawind Pind	Pajjan	Lahore	Govt. Girls High School	Inj.Pump	35	70	628	349	8.3	2.2	C.Less	Un-Obj	Un-Obj	4	0	195	42	62	14	7	105	2	65	0.11	0.09	0.86	0.29	15.00	2.56	+ve	+ve	Safe	NGVS	200
183	LAH-183	Rawind Pind	Pajjan	Lahore	Jamia Mosque Abdul Hax, Sudar Markaz	Inj.Pump	35	90	2620	1478	8.2	2.0	C.Less	Un-Obj	Un-Obj	5	0	255	341	470	12	18	460	16	105	0.19	1.85	1.06	0.31	38.06	1.67	+ve	+ve	Unsafe	NGVS	200
184	LAH-184	Rawind Pind	Pajjan	Lahore	Ashraf S/O Zeeshan	Inj.Pump	35	80	1915	1169	8.2	2.6	C.Less	Un-Obj	Un-Obj	9	0	440	154	325	16	19	365	9	120	0.05	3.96	0.79	0.41	18.94	2.25	+ve	+ve	Unsafe	NGVS	200
185	LAH-185	Rawind Pind	Pajjan	Lahore	Rafiqat Ali S/O Sadiq	Inj.Pump	30	50	1650	935	8.2	2.2	C.Less	Un-Obj	Un-Obj	8	0	380	101	270	4	5	320	5	30	0.21	0.58	0.50	0.35	39.50	1.43	+ve	+ve	Unsafe	NGVS	200
186	LAH-186	Jodho	Pajjan	Lahore	Shabir S/O Sirsamal	Inj.Pump	40	70	710	394	8.3	1.9	C.Less	Un-Obj	Un-Obj	4	0	190	33	96	4	2	140	4	20	0.16	0.23	0.61	0.26	35.08	1.67	+ve	+ve	Unsafe	NGVS	200
187	LAH-187	Jodho	Pajjan	Lahore	Jamia Muhammeda Hanifea, Jodho Dhir Mohallah	Inj.Pump	40	85	1065	584	8.0	2.2	C.Less	Un-Obj	Un-Obj	5	0	270	65	145	10	13	180	8	80	0.13	0.29	0.40	0.38	31.08	1.87	+ve	+ve	Unsafe	NGVS	200
188	LAH-188	Jodho	Pajjan	Lahore	Niamat Ali S/O Ahmad Ali	Inj.Pump	35	80	1414	952	8.2	2.0	C.Less	Un-Obj	Un-Obj	8	0	375	128	255	8	17	305	6	90	0.03	1.90	0.37	0.25	39.54	2.19	+ve	+ve	Unsafe	NGVS	200
189	LAH-189	Jodho	Pajjan	Lahore	Haji Farman S/O Muhammad Ali Jat Sindho	Inj.Pump	35	90	994	573	7.6	2.6	C.Less	Un-Obj	Un-Obj	4	0	220	87	140	28	24	130	9	170	BDL	5.32	0.55	0.16	18.34	3.21	+ve	+ve	Safe	NGVS	200
190	LAH-190	Jodho	Pajjan	Lahore	Lat Hassan S/O Naimat Ali	Inj.Pump	30	65	921	543	7.4	2.3	C.Less	Un-Obj	Un-Obj	1	0	70	150	132	40	32	90	35	230	BDL	5.04	1.09	0.24	8.70	3.33	+ve	+ve	Safe	NGVS	200
191	LAH-191	Gujomata	Gujomata	Lahore	Muhammad Sheriff S/O Faqir Muhammad	Inj.Pump	50	100	1329	744	7.6	2.1	C.Less	Un-Obj	Un-Obj	7	0	370	87	175	32	22	199	7	170	0.07	0.06	0.39	0.34	3.46	1.32	+ve	+ve	Unsafe	NGVS	200
192	LAH-192	Gujomata	Gujomata	Lahore	Nadeem S/O Rafique Hashme	Inj.Pump	50	100	1121	637	7.5	2.0	C.Less	Un-Obj	Un-Obj	7	0	350	72	128	32	22	162	10	170	0.16	0.29	0.86	0.28	10.52	1.25	+ve	+ve	Unsafe	NGVS	200
193	LAH-193	Gujomata	Gujomata	Lahore	Ch. Rafique S/O Ch. Billa Jat	Inj.Pump	45	80	1210	672	7.8	2.0	C.Less	Un-Obj	Un-Obj	8	0	380	67	136	46	47	118	14	310	0.18	3.48	0.73	0.37	13.23	2.52	+ve	+ve	Unsafe	NGVS	200
194	LAH-194	Gujomata	Gujomata	Lahore	Islamia Science High School	Inj.Pump	50	140	1263	697	7.7	2.2	C.Less	Un-Obj	Un-Obj	7	0	370	58	160	34	40	130	41	250	0.11	2.69	0.59	0.19	6.94	2.36	+ve	+ve	Safe	NGVS	200
195	LAH-195	Gujomata	Gujomata	Lahore	Tufail (Maee Shahzad)	Inj.Pump	50	80	1361	814	7.4	2.9	C.Less	Un-Obj	Un-Obj	10	0	490	56	155	48	43	154	47	295	0.19	3.94	0.77	0.20	37.95	2.56	+ve	+ve	Unsafe	NGVS	200
196	LAH-196	Dolo Khurd	Dolo Khurd	Lahore	Kaleem-U-Din Ganes S/O Aaleem-U-Din	Inj.Pump	60	90	2620	1495	7.9	3.0	C.Less	Un-Obj	Un-Obj	16	0	810	173	230	20	38	458	22	205	0.06	16.04	1.16	0.30	88.46	3.69	+ve	+ve	Unsafe	NGVS	200
197	LAH-197	Dolo Khurd	Dolo Khurd	Lahore	Ch. Akbar House Near Shaheen Public High School	Inj.Pump	55	100	2354	1369	7.8	2.9	C.Less	Un-Obj	Un-Obj	14	0	710	164	290	46	62	395	26	370	0.09	0.23	1.38	0.35	4.87	1.52	+ve	+ve	Unsafe	NGVS	200
198	LAH-198	Dolo Khurd	Dolo Khurd	Lahore	Muhammad Yousof S/O Sharfee Muhammad Haji	Inj.Pump	55	90	2665	1489	7.6	3.0	C.Less	Un-Obj	Un-Obj	15	0	740	210	210	50	80	305	81	455	0.26	24.68	1.41	0.28	17.54	3.86	+ve	+ve	Unsafe	NGVS	200
199	LAH-199	Dolo Khurd	Dolo Khurd	Lahore	Iqbal S/O Tara Near Public Church	Inj.Pump	55	100	1064	631	7.5	2.2	C.Less	Un-Obj	Un-Obj	6	0	310	72	106	28	24	152	10	170	0.21	11.88	0.69	0.40	11.91	2.23	+ve	+ve	Unsafe	NGVS	200
200	LAH-200	Dolo Khurd	Dolo Khurd	Lahore	Shahzad S/O Shahbir Khan, D-Block	Inj.Pump	55	150	810	447	7.0	2.6	C.Less	Un-Obj	Un-Obj	5	0	240	88	36	34	11	106	9	130	0.19	2.14	0.83	0.61	5.08	1.31	+ve	+ve	Safe	NGVS	200
201	LAH-201	Pandoke	Pandoke	Lahore	Zain Public School, Pandoke Mohallah	Inj.Pump	30	65	873	517	7.6	2.1	C.Less	Un-Obj	Un-Obj	5	0	230	77	118	18	14	142	4	120	0.27	0.49	0.71	0.35	3.31	1.12	+ve	+ve	Unsafe	NGVS	200
202	LAH-202	Pandoke	Pandoke	Lahore	Alias S/O Jaan Muhammad	Inj.Pump	15	45	820	454	7.5	2.0	C.Less	Un-Obj	Un-Obj	4	0	195	77	98	16	11	128	5	85	0.06	0.45	0.60	0.38	6.31	2.16	+ve	+ve	Safe	NGVS	200
203	LAH-203	Pandoke	Pandoke	Lahore	Haji S/O Zain Muhammad	H.Pump	30	60	790	440	7.5	2.7	C.Less	Un-Obj	Un-Obj	3	0	150	96	96	22	13	112	10	110	BDL	0.11	0.39	0.29	10.39	1.63	+ve	+ve	Unsafe	NGVS	200
204	LAH-204	Pandoke	Pandoke	Lahore	Darbar Sakhi Muhammad Darwish S/O Babe Bulah Shah	H.Pump	25	60	980	553	7.4	2.8	C.Less	Un-Obj	Un-Obj	5	0	260	91	94	34	12	122	43	135	BDL	0.13	0.58	0.14	1.99	1.79	+ve	+ve	Unsafe	NGVS	200
205	LAH-205	Pandoke	Pandoke	Lahore	Munawar Ali S/O Rehmat Ali, Mohallah Bhatian	H.Pump	25	55	1083	666	7.5	1.6	C.Less	Un-Obj	Un-Obj	4	0	195	120	160	34	21	160	4	170	0.25	11.23	1.26	0.27	0.98	3.12	+ve	+ve	Unsafe	NGVS	200
206	LAH-206	Mmrakh	Mmrakh	Lahore	Govt. High School	Inj.Pump	90	150	2057	1105	7.5	1.9	C.Less	Un-Obj	Un-Obj	14	0	690	118	205	32	24	340	50	180	0.19	0.32	1.33	0.30	57.80	1.86	+ve	+ve	Unsafe	NGVS	200
207	LAH-207	Mmrakh	Mmrakh	Lahore	Ghaffar S/O Nawab Din	H.Pump	60	130	1410	770	7.4	1.8	C.Less	Un-Obj	Un-Obj	11	0	525	58	120	38	44	180	5	275	0.13	1.93	0.79	0.24	0.00	2.12	+ve	+ve	Safe	NGVS	200
208	LAH-208	Mmrakh	Mmrakh	Lahore	Muhammad Ramzan S/O Faqir Ahmad	Inj.Pump	80	100	1818	1008	7.3	2.0	C.Less	Un-Obj	Un-Obj	9	0	425	164	175	66	69	170	20	450	0.27	20.14	0.84	0.17	2.57	3.24	+ve	+ve	Unsafe	NGVS	200
209	LAH-209	Mmrakh	Mmrakh	Lahore	Malik Munier S/O Rahim Bakht Near Jamia Mosque	Inj.Pump	75	120	1295	735	7.1	2.2	C.Less	Un-Obj	Un-Obj	11	0	540	77	63	72	49	110	30	380	0.23	2.44	0.92	0.29	2.14	2.51	+ve	+ve	Unsafe	NGVS	200
210	LAH-210	Mmrakh	Mmrakh	Lahore	Syed Aghar Ali Shah S/O Bahadar Ali	Inj.Pump	40	90	840	467	7.8	2.1	C.Less	Un-Obj	Un-Obj	7	0	350	24	55	20	16	134	5	115	0.15	0.75	0.67	0.19	40.14	2.38	+ve	+ve	Unsafe	NGVS	200
211	LAH-211	Jallo	Carntt	Lahore	Railway Station	H.Pump	70	100	773	456	8.0	3.5	C.Less	Un-Obj	Un-Obj	8	0	390	15	37	20	26	112	12	155	0.19	0.23	0.59	0.20	6.91	2.18	+ve	+ve	Unsafe	NGVS	200
212	LAH-212	Jallo	Carntt	Lahore	Sun Rise Public High School	Inj.Pump	70	110	1020	622	8.0	3.2	C.Less	Un-Obj	Un-Obj	10	0	510	29	36	40	28	130	40	215	0.07	2.99	1.37	0.35	18.80	2.44	+ve	+ve	Unsafe	NGVS	200
213	LAH-213	Jallo	Carntt	Lahore	House Ch. Tariq	Inj.Pump	60	110	670	389	8.0	3.7																								

Sr. No	Sample Code	Village	Union Council	Tehsil	Location	Source	Water Table	Depth (ft)	EC $\mu$ S/cm	TDS mg/l	pH	Turbidity NTU	Color	Taste	Odor	Alk. m.mol/l	CO <sub>2</sub> mg/l	HCO <sub>3</sub> mg/l	Cl mg/l	SO <sub>4</sub> mg/l	Ca mg/l	Mg mg/l	Na mg/l	K mg/l	Hardness	Fe mg/l	NO <sub>3</sub> mg/l	F mg/l	PO <sub>4</sub>	As ppb	Pb ppb	Total Coliform	E.Coli	Safe/Unsafe											
						Permissible Limits (PSQCA)			NGVS	1000	6.5-8.5	5.0	C.Less	Un-Obj	Un-Obj	NGVS	NGVS	NGVS	250	500	NGVS	NGVS	200	NGVS	500	0.30	10.00	1.50	NGVS	50.00	50.00	-ve	-ve	Safe											
										<b>36.54</b>	<b>0.38</b>	<b>0.77</b>											<b>3.46</b>	<b>0.38</b>					<b>48.08</b>	<b>3.08</b>	<b>4.62</b>	<b>0.00</b>	<b>6.54</b>	<b>0.00</b>	<b>34.23</b>	<b>34.23</b>	<b>69.23</b>								
										<b>%ages of Sample beyond permissible limit</b>																			<b>No. of Sample beyond permissible limit out of 260</b>																
							Min.	15	11	227	224	7.0	0.0											1	1	2											125	8	12	0	17	0	89	89	180
							Average	51	108	1482	874	7.7	2.2											10	0	519	97	130	44	35	229	14	256	0.13	3.21	0.80	0.33	17.55	2.31						
							Max.	120	750	3940	2323	8.9	8.7											23	0	1140	385	530	144	109	780	160	670	1.39	40.69	1.50	0.87	251.00	13.35						