Yamuna Nagar

1	**River Yamuna after meeting Maskara Nallah, Down Stream, Kalanaur**																
	AR/No. & dt.	**Date**	**pH**	**BOD**	**COD**	**TS.S.**	**O & G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	2703-27.01.2017	18.01.2017	7.97	8	30	10	ND										
	2836-20.03.2017	10.03.2017	7.75	4	22.2	7	ND										
	3200-23.06.2017	14.06.2017	7.95	5	24	44	ND										
	3358-08.08.2017	26.07.2017	7.04	4	34	119	ND										
	3534-25.09.2017	14.09.2017	7.16	4	16	28	ND										
	3788-08.11.2017	30.10.2017	7.37	4	25.2	6	ND										
	3885-12.12.2017	30.11.2017	7.69	2	11	8	ND										
	Nil Flow in the Month of Februrary-2018																
	4345-22.03.2018	15.03.2018	8.08	4.2	24.4	9	ND										
	4520-26.04.2018	16.04.2018	8.06	3.5	13.6	12	ND		ND								
	4710-07.06.2018	28.05.2018	7.97	6.5	26	7	ND		ND								
	5058-04.09.2018	25.08.2018	8.05	5	24	60	ND		Not Analysed								
2	**River Yamuna before meeting Maskara Nallah,up stream, Kalanaur**																
	AR/No. & dt.	**Date**	**pH**	**BOD**	**COD**	**TS.S.**	**O & G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	2702-27.01.2017	18.01.2017	7.82	6	22	7	ND										
	2835-20.03.2017	10.03.2017	7.68	3.4	15.2	10	ND										
	3201-23.06.2017	14.06.2017	8	3	12.8	38	ND										
	3359-08.08.2017	26.07.2017	7.43	5	37.6	62	ND										
	3535-25.09.2017	14.09.2017	7.01	2.6	12	16	ND										
	3789-08.11.2017	30.10.2017	7.26	2.9	17.6	4	ND										
	3884-12.12.2017	30.11.2017	7.76	2.2	13.2	5	ND										
	Nil Flow in the Month of Februrary-2018																
	4342-22.03.2018	15.03.2018	8.13	3.6	15.2	ND	ND		ND								
	4521-26.04.2018	16.04.2018	8.07	2.5	10.8	8	ND		ND								
	4711-07.06.2018	28.05.2018	8.17	2.8	11.6	9	ND		ND								
	5059-04.09.2018	25.08.2018	8.07	3	14	44	ND		ND								
3	**River Yamuna before meeting Dhanaura Escape upstream, Karnal**																
	AR/No. & dt.	**Date**	**pH**	**BOD**	**COD**	**TS.S.**	**O & G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	2633-09.01.2017	30.12.2016	8.1	3.8	14.4	6	ND										
	2714-31.01.2017	20.01.2017	8.08	3.2	10	ND	ND										
	2797-06.03.2017	23.02.2017	7.09	4	16	16	ND										
	2827-20.03.2017	09.03.2017	6.8	4	25.6	43	ND										
	3194-23.06.2017	14.06.2017	7.69	4	27.2	36	ND										
	3365-08.08.2017	26.07.2017	7.26	7	36	83	ND										
	3460-01.09-2017	18.08.2017	7.36	5	41.6	44	…										
	3541-25.09.2017	14.09.2017	7.23	2	11.6	44	ND										
	3753-07.11.2017	27.10.2017	7.26	2.8	14	12	ND										
	3888-12.12.2017	30.11.2017	7.6	2	14	5	ND										

	4136-20.02.2018	14.02.2018	8.27	2.4	12.4	ND	ND										
	4348-22.03.2018	22.03.2018	8.05	3	12.8	6	ND										
	4494-24.04.2018	12.04.2018	8.36	3.5	18.8	7	ND		ND								
	4630-14.05.2018	03.05.2018	8.02	4.5	27.6	6	ND		ND								
	4773-19.06.2018	12.06.2018	8.18	4	18	17	ND		ND								
	4894-01.08.2018	16.07.2018	8.06	4	23.2	20	ND		ND								
	5047-04.09.2018	24.08.2018	7.94	3.8	15.2	ND	ND		ND								
4	**River Yamuna after meeting Dhanaura Escape downstream, Karnal**																
	AR/No. & dt.	**Date**	**pH**	**BOD**	**COD**	**TS.S.**	**O & G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	2635-09.01.2017	30.12.2016	7.51	6	26.8	60	ND										
	2715-31.01.2017	20.01.2017	7.02	40	162	46	2										
	2799-06.03.2017	23.02.2017	6.67	110	317.6	112	6.5										
	2828-20.03.2017	09.03.2017	7.64	60	182.4	190	4										
	3082-22.05.2017	15.05.2017	6.5	12	39.6	182	2										
	3195-23.06.2017	14.06.2017	8.13	7	32.8	76	ND										
	3366-08.08.2017	26.07.2017	7.08	12	65.6	141	2										
	3461-01.09.2017	18.08.2017	7.89	2.6	12.8	40	…										
	3542-25.09.2017	14.09.2017	6.79	7	42	63	ND										
	3754-07.11.2017	27.10.2017	6.4	16	70	80	2.5		8.4								
	3889-12.12.2017	30.11.2017	7.32	12	60.4	15	ND										
	4137-20.02.2018	14.02.2018	7.06	60	223.4	128	4										
	4349-22.03.2018	15.03.2018	7.21	18	80	76	2		10.08								
	4495-24.04.2018	12.04.2018	7.84	8.5	39.5	26	ND		ND								
	4629-14.05.2018	03.05.2018	7.69	10	30.8	46	ND		ND								
	4772-19.06.2018	12.06.2018	7.62	26	138.8	36	2		ND								
	4895-01.08.2018	16.07.2018	7.5	12	55.2	28	ND		ND								
	5048-04.09.2018	24.08.2018	8.01	8	30.8	122	ND		ND								

Panipat

5	**River Yamuna before meeting the discharge of Drain No. 2 at Vill. Sanjoli**																
	Report No. & date	**Date**	**PH**	**BOD**	**COD**	**TSS**	**O &G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	2654-19/01/2017	10/01/2017	7.76	4	22	10	ND										
	2999-04/05/2017	26/04/2017	8.05	34	165.6	35	2.0										
	3334-31/07/2017	19/07/2017	7.72	3.8	15.6	824	ND										
	3445-30/08/2017	17/08/2017	7.35	2	12.8	1237	ND										
	3709-26/10/2017	16/10/2017	7.1	2.6	14	24	ND										
	3908-13/12/2017	06/12/2017	7.97	2.2	17.2	7	ND										
	4016-19/01/2018	11/01/2018	7.71	9	2.4	16	ND		ND								
	4177-27/02/2018	20/02/2018	7.71	16	12	62.8	ND		----								
	4333-19/03/2018	10/03/2018	8.55	5	4	14.8	ND		0.56								
	4888-25/07/2018	12/07/2018	7.56	4.5	21.2	8	ND	188	ND						ND		
	5012-04/09/2018	21/08/2018	7.38	5	32.4	60	ND	200	ND								ND
	5406-29/11/2018	19/11/2018	7.08	5	26.4	9	ND	306	ND				0.011		ND		
6	**River Yamuna after meeting the discharge of Drain No. 2 near Vill. Khojkipur.**																
	Report No. & date	**Date**	**PH**	**BOD**	**COD**	**TSS**	**O &G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	2656-19/01/2017	10/01/2017	7.75	6	36	10	ND										

	3336-31/07/2017	19/07/2017	7.7	6	24	876	ND													
	3444-30/08/2017	17/08/2017	7.36	5.2	36	303	ND													
	3708-26/10/2017	16/10/2017	7.05	12	49.2	22	ND													
	3907-13/12/2017	06/12/2017	7.78	9	40	22	ND													
	4028-23/01/2018	13/01/2018	8.06	490	7	34.8	2.5	793	0.72											
	4220-05/03/2018	24/02/2018	7.37	16	12	51.2	ND													
	4353-26/03/2018	15/03/2018	8.37	23	8	61.2	ND	1416	8.96											
	4461-19/04/2018	10/04/2018	7.85	24	60	200	3.5		11.2											
	4887-25/07/2018	12/07/2018	7.74	12	50	25	ND	509	ND					ND						
	5014-04/09/2018	21/08/2018	7.52	5	30.8	210	ND	410	ND											
	5406-29/11/2018	19/11/2018	7.08	5	26.4	9	ND	306	ND				0.011	ND						

Sonepat

7	Monitoring sample Analysis Reports of River Yamuna at Palla (Sonepat Region)																				
	Date of sampling	**A/R no.**	**A/R date**	**pH**	**BOD (mg/l)**	**COD**	**TSS**	**O & G**	**Conductivity**	**Ammonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphate**	**Sulphide**	**Sulphates**	**Chlorides (as Cl) mg/l**	**Total Chromium**	**Dissolved Oxygen**	**Dissolved Oxygen**	**Amonia as NH3-N**
	4.1.17	2644	16.1.17	7.71	4.5	19.2	7			--							198		--	--	
	7.2.17	2759	16.2.17	7.91	3.2	18	24			--							48		280	280	
	7.3.17	2825	15.3.17	8.95	5.5	50	7			0.56							342		1130	1130	
	5.4.17	2939	12.4.17	9.31	2.5	21.2	16			ND							60		250	250	
	--	3062	11.5.17	7.88	1.8	12	88			ND							26		6	6	
	10.1.18	4003	1/18/2018	8.14	2.8	16.4	66			0.28							16				--
	12.01.18	4025	23.01.18	7.89	3.5	28.4	16			ND							106				0.72
	1/15/2018	4048	1/30/2018	7.53	4.5	49.2	8			--							--				0.56
	14.2.18	4129	2/20/2018	8.43	10	90.4	6			--							--				2.95
	2/15/2018	4147	2/21/2018	8.41	4.8	22	10			--							220				2.26
	2/18/2018	4172	2/23/2018	8.2	5	42	10			--							--				3.97
	3/8/2018	691	3/19/2018	8.5	4	32	6			--							--				4.5
	3/9/2018	694	3/20/2018	8.5	7	52	8			--							--				2.1
	3/10/2018	695	3/20/2018	8	5	40	12			--							--				4.4
	3/11/2018	696	3/20/2018	8.1	6	48	15			--							--				4
	3/12/2018	697	3/20/2018	8.1	7	52	10			--							--				3.75
	3/13/2018	703	3/21/2018	8.3	5	40	12			--							--				4.19
	3/14/2018	704	3/21/2018	8.6	10	88	8			--							--				4,4
	3/15/2018	722	3/27/2018	8.5	3	28	5			--							--				3.1
	3/16/2018	727	3/27/2018	8.4	7	56	9			--							--				2.6
	3/17/2018	728	3/27/2018	8.3	6	52	8			--							--				4.1
	3/18/2018	729	3/27/2018	8.3	5	36	4			--							--				3.9
	3/19/2018	730	3/27/2018	8.3	7	48	5			--							--				4.2
	3/20/2018	737	3/28/2018	8.1	6	40	5			--							--				3.8
	3/21/2018	738	3/28/2018	8.1	5	32	4			--							--				3.6
	7/17/2018	4901	8/1/2018	7.79	6	38.4	96			--							30				--
	8/24/2018	5040	9/4/2018	7.94	2.8	18.4	62			ND							40				--
	9/26/2018	5115	10/8/2018	7.97	4.4	22	490			ND							12				--
	10/31/2018	5330	11/14/2018	7.53	2.5	13.6	22			ND							--				--

Faridabad

8	Yamuna River at Basantpur																
	Date of collection	Report No. & date	PH	BOD	COD	TSS	O &G	Conductivity	Amonical Nitrogen	Iron	Zinc	Nickle	Phosphates	Sulphide	Sulphates	Total Chlorides	Total Chromium
	1/12/2017	A/R No. 176M- dt 18-01-2017	8	42	160	167	7		10.4								
	14.02.2017	A/R No. 197M- dt 22.02.2017	7.8	54	168	177	9		13.2								
	02.03.2017	A/R No. 231M- dt 08.03.2017	7.8	48	144	144	5		9.4								
	27.04.2017	A/R No. 29M- dt 05.05.2017	8.3	54	152	167	6		10.2								
	19.06.2017	A/R No. 58M- dt 23.06.2017	8.7	62	192	178	9		13.4								
	7/28/2017	A/R No. 65M- dt 04-08-2017	6.6	52	176	154	5		9.6								
	8/24/2017	A/R No. 85M- dt 30-08-2017	6.7	48	160	146	7		9.6								
	9/28/2017	A/R No. 109M- dt 09-10-2017	6.8	45	152	134	8		9.2								
	10/30/2017	A/R No. 116M- dt 14-11-2017	6.7	46	160	122	7		11.4								
	11/23/2017	A/R No. 136M- dt 29-11-2017	7.1	42	144	106	6		9.8								
	12/19/2017	A/R No. 151M- dt 22-12-2017	7.4	40	136	114	5		9.2								
	1/10/2018	A/R No. 176M- dt 16-01-2018	7.2	42	144	106	7		8.6								
	2/21/2018	A/R No. 203M- dt 28-02-2018	7.4	48	176	125	9		10								
	4/25/2018	A/R No. 32M- dt 03-05-2018	7.5	54	208	149	9		10.2								
	23.-05.2018	A/R No.48M- dt 29-05-2018	7.2	58	216	162	8		11.5								
	21-06-2018	A/R No. 66M dt 03-07-2018	7.1	35	168	149	5		10.2								

	10.07.2018	A/R No. 79M dt 18-07-2018	7.5	56	208	164	7		12								
	21/08/2018	A/R No. 110M dt 29-08-2018	7.4	45	184	180	4		10.2								
	9/28/2018	A/R No. 121M dt 05-10-2018	7.3	46	208	189	5		11								
	10/17/2018	A/R No. 189M dt 26-10-2018	7.3	48	216	204	4		13.2								
	11/26/2018	A/R No. 214M dt. 05.12.2018	7	54	233	216	6		14.8								

Ballabgarh

9	**River Yamuna after Gaunchi Drain**																
	Date of collection	**Report No. & date**	**PH**	**BOD**	**COD**	**TSS**	**O & G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	21-01-2017	A/R No. 178M to 189M, 31-01-2017	7.8	26	108	72	4										
	21-02-2017	A/R No. 213M, 28-02-2017	8.1	29	136	78	7										
	22-04-2017	20M, 01-05-2017	8.2	30	144	72	6										
	28-05-2017	48M, 02-06-2017	8.2	44	176	70	5										
	23-09-2017	100M, 04-10-2017	7.4	21	112	59	3										
	16-11-2017	130M, 22-11-2017	7.4	23	116	68	4										
	16-01-2018	194M, 24-01-2018	7.2	26	132	81	4										
	19-03-2018	233M, 28-03-2018	7.3	33	144	104	7										
	4/18/2018	20M, 26-04-2018	7.2	38	160	132	8										
	5/25/2018	61M, 31-05-2018	7.6	35	152	132	6										
	7/18/2018	93M, 25-7-2018	7.3	32	140	141	4										
	9/28/2018	134M, 08-10-2018	7.5	35	144	152	6										
10	**River Yamuna D/S before Gaunchi Drain**																
	Date of collection	**Report No. & date**	**PH**	**BOD**	**COD**	**TSS**	**O & G**	**Conductivity**	**Amonical Nitrogen**	**Iron**	**Zinc**	**Nickle**	**Phosphates**	**Sulphide**	**Sulphates**	**Total Chlorides**	**Total Chromium**
	21-01-2017	A/R No. 178M to 189M, 31-01-2017	7.9	28	116	55	2										
	21-02-2017	A/R No. 211M, 28-02-2017	7.8	54	280	76	6										
	22-04-2017	19M, 01-05-2017	8.3	52	192	75	4										
	28-05-2017	49M, 02-06-2017	8.7	27	128	70	6										
	22-09-2017	99M, 04-10-2017	7.2	46	180	75	5										
	16-11-2017	129M, 22-11-2017	7.3	50	192	79	8										
	16-01-2018	193M, 24-01-2018	7.1	52	184	70	6										
	19-03-2018	232M, 28-03-2018	7.2	60	208	93	12										
	4/18/2018	18M, 26-04-2018	7.1	56	208	91	9										
	5/25/2018	60M, 31-05-2018	7.06	65	240	158	15										
	7/18/2018	91M, 25-7-2018	7.3	52	208	86	6										
	9/28/2018	132M, 08-10-2018	7.6	58	224	105	8										