

Effluent Characteristics Report of STP

S.No	Name of the Treatment Plant	Sampling Point																Sampling Date
		Inlet of STP								Outlet of STP								
		Colour	Odour	pH	TSS (mg/L)	TDS (mg/L)	TS (mg/L)	BOD (mg/L)	COD (mg/L)	Colour	Odour	pH	TSS (mg/L)	TDS (mg/L)	TS (mg/L)	BOD (mg/L)	COD (mg/L)	
1.	M/s Uttarakhand Pay Jal Nigam Bheemtal, Nainital (Sewage Treatment Plant, Krishnapur, Nainital)	Turbid	Unpleasant	7.74	286	1376	1662	280	494	Colourless	Unpleasant	7.36	55	867	922	23	148	16.06.2017
2.	M/s Uttarakhand Pay Jal Nigam Bheemtal, Nainital (Sedimentation Tank, Rusi, Nainital) (Sedimentation Tank -I)	Turbid	Unpleasant	7.15	326	1016	1342	260	474	Turbid	Unpleasant	7.32	231	987	1218	160	345	16.06.2017
3.	M/s Uttarakhand Pay Jal Nigam Bheemtal, Nainital (Sedimentation Tank, Rusi, Nainital) (Sedimentation Tank -II)									Turbid	Unpleasant	7.28	194	864	1058	120	306	16.06.2017
4.	M/s Uttarakhand Pay Jal Nigam Bheemtal, Nainital (Sewage Treatment Plant, Hari Nagar, Nainital)	Turbid	Unpleasant	7.34	372	1336	1708	320	513	Colourless	Unpleasant	7.12	90	914	1004	48	167	16.06.2017
5.	M/s Uttarakhand Pay Jal Nigam Bheemtal, Nainital (Sewage Treatment Plant, Bheemtal)	Turbid	Unpleasant	6.82	186	985	1171	280	434	Turbid	Unpleasant	7.20	114	687	801	64	217	16.06.2017

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		TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	FC MPN per 100ml	
1.	3 MLD S.T.P. at Swargashram, Rishikesh	178	9.45	175	394	10	7.41	9.6	34	80	17.01.2017
2.	6 MLD Oxidation Pond, Lakkarghat, Rishikesh	174	9.54	170	412	58	7.64	32	166	>1600	17.01.2017
3.	18 MLB S.T.P. at Jagjeetpur, Haridwar	175	9.58	170	406	10	7.51	9.6	36	60	17.01.2017
4.	18 MLD S.T.P. at Sarai, Haridwar	182	9.48	175	428	9	7.58	9.6	34	7	17.01.2017
5.	27 MLD S.T.P. at Jagjeetpur, Haridwar	168	9.37	170	394	12	7.60	9.2	36	80	17.01.2017
6.	1.4 MLD S.T.P. Devprayag, Tehri Garhwal	176	9.14	170	396	48	7.74	18	74	300	28.01.2017
7.	S.T.P. at JP Power venture, Joshimath	170	9.25	175	412	56	7.81	14	72	220	28.01.2017
8.	3.5 MLD S.T.P. at Srinagar	176	9.21	180	452	66	7.68	20	112	280	28.01.2017
9.	Alaknanda Hydro Project, Srinagar (Poer House)	-	-	-	-	46	7.86	14	76	240	28.01.2017
10.	S.T.P. at Alaknanda Hydro (Dam Site) Srinagar	-	-	-	-	38	7.91	16	80	220	28.01.2017

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		TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	FC MPN per 100ml	
1.	3 MLD S.T.P. at Swargashram, Rishikesh	186	8.76	160	372	9	7.25	8.4	32	60	19.11.2016
2.	6 MLD Oxidation Pond, Lakkarghat, Rishikesh	176	8.86	165	438	40	7.79	34	172	>1600	19.11.2016
3.	18 MLB S.T.P. at Jagjeetpur, Haridwar	198	8.94	160	398	9	7.12	9.2	34	70	19.11.2016
4.	18 MLD S.T.P. at Sarai, Haridwar	163	8.91	170	432	10	7.19	9.2	36	50	19.11.2016
5.	27 MLD S.T.P. at Jagjeetpur, Haridwar	178	9.12	180	412	10	7.32	9.6	32	60	19.11.2016
6.	1.4 MLD S.T.P. Devprayag, Tehri Garhwal	179	8.97	175	416	64	7.82	22	118	350	30.11.2016
7.	M/s JP Power Ventures Joshimath, Chamoli	184	9.14	180	432	78	7.72	16	84	350	30.11.2016
8.	3.5 MLD S.T.P. at Srinagar	192	9.12	180	410	72	8.24	24	116	500	30.11.2016
9.	5 MLD S.T.P. at B. Puram Tehri	164	8.86	170	384	22	7.23	11.2	76	140	16.11.2016
10.	S.T.P. At THDC Koteshwar	168	9.12	170	410	45	7.89	14	68	110	16.11.2016
11.	S.T.P. at THDC Tehri					38	8.12	14	64	50	16.11.2016
12.	2 MLD S.T.P. at Gyansu	152	8.84	160	410	18	8.19	9.2	32	60	16.11.2016
13.	3.5 MLD S.T.P. Tapovan Rishikesh					12	7.53	9.2	32	80	19.11.2016
14.	68 MLD S.T.P. at Kargi Dehradun	168	8.84	170	426	9	7.25	9.2	38	60	05.11.2016
15.	20 MLD S.T.P. at Mothurawala, Dehradun	164	9.12	180	386	14	7.46	11.2	38	70	05.11.2016

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		TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	FC MPN per 100ml	
1.	M/s JP Power Ventures Joshimath, Chamoli	168	9.38	190	430	38	7.91	18	90	280	09.10.2016
2.	M/s Alaknanda Hydro Project (Dam Site) Srinagar	188	9.31	180	478	46	7.84	14	84	300	08.10.2016
3.	M/s Alaknanda Hydro Project (Power House) Srinagar	198	9.42	180	465	44	8.16	18	90	280	08.10.2016
4.	3.5 MLD S.T.P. at Srinagar	176	8.98	185	436	58	7.86	22	108	350	08.10.2016
5.	3 MLD S.T.P. at Swargashram, Rishikesh	148	8.86	155	412	10	7.46	8.8	30	90	06.10.2016
6.	6 MLD Oxidation Pond, Lakkarghat, Rishikesh	154	8.92	175	464	46	7.81	32	198	>1600	06.10.2016
7.	18 MLB S.T.P. at Jagjeetpur, Haridwar	152	8.67	160	432	10	7.25	9.6	32	90	06.10.2016
8.	18 MLD S.T.P. at Sarai, Haridwar	156	8.78	165	448	9	7.21	8.4	32	60	06.10.2016
9.	27 MLD S.T.P. at Jagjeetpur, Haridwar	164	8.91	175	428	9	7.41	8.8	34	70	06.10.2016
10.	3.5 MLD S.T.P. Tapovan Rishikesh	144	8.79	170	472	12	7.42	9.6	38	110	06.10.2016
11.	68 MLD S.T.P. at Kargi Dehradun	168	8.84	170	426	9	7.25	9.2	38	60	05.11.2016
12.	20 MLD S.T.P. at Mothurawala, Dehradun	164	9.12	180	386	14	7.46	11.2	38	70	05.11.2016

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		Inlet of STP				Outlet of STP					
		TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	pH	BOD (mg/L)	COD (mg/L)	FC MPN per 100ml	
1.	M/s JP Power Ventures Joshimath, Chamoli	184	8.97	170	432	36	7.84	18	90	300	20.08.2016
2.	M/s Alaknanda Hydro Project (Dam Site) Srinagar	Sample not available				49	7.98	16	72	280	21.08.2016
3.	M/s Alaknanda Hydro Project (Power House) Srinagar	Sample not available				48	8.34	22	138	170	21.08.2016
4.	3.5 MLD S.T.P. at Srinagar	190	9.28	180	480	48	8.14	20	72	220	21.08.2016

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1.	3 MLD S.T.P. at Swargashram, Rishikesh	142	8.64	140	428	11	7.52	9.6	32	170	19.07.2016
2.	6 MLD Oxidation Pond, Lakkarghat, Rishikesh	146	8.74	180	492	76	8.12	32	210	>1600	19.07.2016
3.	3.5 MLD S.T.P. Tapovan Rishikesh	138	8.72	180	476	34	7.62	12.8	44	170	19.07.2016
4.	18 MLD S.T.P. at Jagjeetpur, Haridwar	137	8.24	170	438	9	7.32	9.2	34	80	18.07.2016
5.	18 MLD S.T.P. at Sarai, Haridwar	146	8.65	160	472	9	7.14	9.2	36	90	18.07.2016
6.	27 MLD S.T.P. at Jagjeetpur, Haridwar	158	8.84	170	412	10	7.45	9.6	36	60	18.07.2016
7.	68 MLD S.T.P. at Kargi Dehradun	162	8.72	175	448	10	7.34	9.6	34	80	20.07.2016

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1.	3 MLD S.T.P. at Swargashram, Rishikesh	128	8.72	165	460	12	7.61	10	34	80	09.05.2016
2.	6 MLD Oxidation Pond, Lakkarghat, Rishikesh	136	8.91	175	472	72	7.84	34	218	>1600	09.05.2016
3.	18 MLB S.T.P. at Jagjeetpur, Haridwar	119	8.02	180	472	10	7.41	9.6	36	6	09.05.2016
4.	18 MLD S.T.P. at Sarai, Haridwar	138	8.78	170	438	10	7.21	8.8	40	50	09.05.2016
5.	27 MLD S.T.P. at Jagjeetpur, Haridwar	162	8.97	175	388	12	7.52	10	38	40	09.05.2016
6.	68 MLD S.T.P. at Kargi Dehradun	164	8.97	180	462	12	7.46	9.2	36	50	12.05.2016
7.	20 MLD S.T.P. at Mothurawala, Dehradun	174	9.24	175	412	22	7.52	12.8	44	80	12.05.2016
8.	3.5 MLD S.T.P. at Srinagar	207	9.46	165	418	26	8.21	16	64	170	13.05.2016
9.	5 MLD S.T.P. at B. Puram Tehri	158	8.92	180	432	36	8.21	16	84	170	18.05.2016
10.	S.T.P. At THDC Koteshwar					34	7.42	19	76	140	18.05.2016
11.	S.T.P. at THDC Tehri					27	7.82	18	72	60	18.05.2016
12.	2 MLD S.T.P. at Gyansu	126	8.97	150	452	22	8.75	9.6	34	50	17.05.2016
13.	Alaknanda Hydro Project, Srinagar (Power House)	168	9.42	175	410	38	8.21	18	68	220	13.05.2016
14.	3.5 MLD S.T.P. Tapovan Rishikesh	134	8.68	170	480	42	7.54	14	48	110	09.05.2016

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1.	3 MLD S.T.P. at Swargashram, Rishikesh	137	8.6	170	480	16	7.46	9.6	36	110	28.03.2016
2.	6 MLD Oxidation Pond, Lakkarghat, Rishikesh	148	9.03	180	540	90	8.12	32	208	>1600	28.03.2016
3.	18 MLB S.T.P. at Jagjeetpur, Haridwar	127	7.65	170	412	12	7.37	10	42	80	28.03.2016
4.	18 MLD S.T.P. at Sarai, Haridwar	147	9.08	175	460	10	7.28	9.2	38	40	28.03.2016
5.	27 MLD S.T.P. at Jagjeetpur, Haridwar	158	9.15	180	418	11	7.42	10	42	60	28.03.2016
6.	68 MLD S.T.P. at Kargi Dehradun	162	9.36	175	472	18	7.62	10	42	60	29.03.2016
7.	S.T.P. at JP Powerventure, Joshimath	178	9.12	160	428	43	8.32	22	132	240	31.03.2016
8.	3.5 MLD S.T.P. at Srinagar	188	9.36	170	457	69	8.42	24	144	220	30.03.2016
9.	5 MLD S.T.P. at B. Puram Tehri	169	9.1	175	455	48	8.64	20	120	140	01.04.2016
10.	S.T.P. At THDC Koteshwar	158	8.75	170	457	39	7.67	22	134	170	01.04.2016
11.	S.T.P. at THDC Tehri	Sampling not available				47	7.59	19	118	50	01.04.2016
12.	2 MLD S.T.P. at Gyansu	147	8.96	140	425	19	8.29	10	38	30	01.04.2016
13.	05 MLD Sedimentation Tank-1, Nainital	378	7.42	190	478	256	7.41	170	388	≥1600	06.04.2016
14.	05 MLD Sedimentation Tank-2, Nainital					190	7.32	90	288	≥1600	06.04.2016
153.	Alaknanda Hydro Project, Srinagar (Power House)	216	9.38	170	486	Sampling not available				31.03.2016	
16.	S.T.P. at Alaknanda Hydro (Dam Site) Srinagar	218	9.42	190	811					31.03.2016	