

Monitoring of CETPs

Sr. No.	Name and Address the CETP	Capacity (MLD)	Design Inlet quality	Wastewater treated in CETP (MLD)	Wastewater by pass untreated in the area, if any (MLD)	Observed inlet effluent quality				Observed final effluent quality				Status of online CEQMS	
						Report No. & date	BOD	COD	PH	TSS	BOD	COD	PH		TSS
1	Panipat	21 MLD	pH : 9.5, 6.5 -8.50 BOD : 800 -25 TSS : 300 - 100 COD : 1600 - 250	30 MLD	Nil	2049-06/05/2011	76.0	321.60	8.28	64.0	24.50	112.80	8.69	52.0	not commissioned
						2140-10/06/2011	75.0	715.20	8.45	64.0	23.0	289.60	8.94	38.0	
						2220-11/07/2011	Not collected				21.0	111.20	7.66	24.0	
						2782-22/12/2011	195.0	809.60	7.88	134.0	26.20	141.60	7.76	50.0	
						3129-30/03/2012	Not collected				25.40	157.60	7.72	74.0	
						4008-10/01/2016	Not collected				26.4	198.4	7.91	82	
						4139-14/02/2013	Not collected				21	172.8	7.78	62	
						4398-19/03/2013	220.0	670.40	7.99	146.0	19.4	113.6	6.55	42	
						3591-10/09/2012	162.0	785.60	9.80	182.0	22.6	141.6	8.1	67	
						4732-28/05/2013	82.0	400.0	7.92	120.0	22.0	154.0	8.26	38.0	
						5335-16/09/2013	112.0	441.6	6.37	118.0	24.5	136.0	6.74	38.0	
						5624-29/11/2013	174.0	523.2	7.23	332.0	46.0	156.0	7.78	84.0	
						5961-20/01/2014	Not collected				37.6	136.0	7.76	58.0	
						5993-24/02/2014	189.5	627.2	7.03	324.0	68.0	254.4	7.82	142.0	
						6156-06/03/2014	Not collected				42.0	180.8	8.02	29.0	
						6121-21/02/2014	Not collected				38.0	145.6	7.99	18.0	
						6122-21/02/2014	Not collected				40.0	178.4	8.0	52.0	
						6320-11/04/2014	Not collected				27.4	110.4	7.86	73	
						6549-12/06/2014	Not collected				85.0	380.0	7.72	236.0	

						7059-01/09/2014	296.0	742.4	7.15	69.0	21.2	103.2	7.73	28.0	
						7596-24/11/2014	Not collected				23.0	118.4	8.01	23.0	
						7901-29/12/2014	Not collected				24.0	122.0	7.94	44.0	
						8214-19/01/2015	170.0	696.0	7.31	198.0	25.6	168.8	8.14	79.0	
						8389-13/03/2015	120.0	521.6	7.45	118.0	24.2	153.6	8.18	52.0	
						717-05/08/2015	Not collected				19.0	78.0	8.18	32.0	
						1276-17/11/2015	Not collected				15.6	56.0	8.67	32.0	
						1690-29/01/2016	Not collected				26.8	182.4	7.42	32.0	
						1827-10/03/2016	Not collected				19.0	88.0	7.88	59.0	
						1932-06/05/2016	98.0	452.0	7.85	138.0	23.8	144.8	7.37	36.0	
						1975-18/05/2016	160.0	649.6	8.39	118.0	17.4	120.8	7.39	18.0	
						2115-01/07/2016	Not collected				48.0	278.4	7.55	136.0	
						2457-11/11/2016	220.0	728.0	7.61	125.0	24	133.2	7.93	23	
						2762-16/02/2017	120	392	7.44	364	55	299.2	7.99	57	
						2979-03/05/2017	210	920	7.2	172	19	186.4	8	28	Installed but not commissioned
						3312-13/07/2017	---	---	---	---	26	122	8.08	31	
						3446-01/09/2017	---	---	---	---	36	157.6	7.42	40	
						3239-07/10/2017	295	580.39	8.54	139	12.72	86.27	8.24	10	
2	IE Barhi, Sonapat	16	pH: 5.5-9.0 Temperature : 45 Oil & Grease : 20 Phenolic Compounds : 5.0 Ammonical Nitrogen: 50 Cynid : 2.0 Chromium exavalent : 2.0 Chromium : 2.0 Copper : 3.0 Lead : 1.0 Nickel : 30 Zinc : 15 Arsenic : 0.2 Mercury : 0.01 Cadmium : 1.0 Selenium : 0.05 Fluoride : 15 Boron : 2.0	12 MLD	--	2079 dt. 20.5.2011	Not collected				72	320	8.47	112	Not installed.
						2629 dt. 12.10.2011	Not collected				156	617.6	7.14	140	
						3132 dt. 30.3.2012	Not collected				138	576	7.1	208	
						4226 dt. 28.2.2013	Not collected				105	340.8	7.48	140	
						4714 dt. 27.5.2013	Not collected				86	354.4	7.88	166	
						5346 dt. 17.9.2013	Not collected				84	404.8	8.45	116	
						5613 dt. 29.11.2013	Not collected				124	498.96	7.73	74	
						6107 dt. 17.2.2014	Not collected				58	309.6	8.23	122	
						6902 dt. 31.7.2014	Not collected				138	416	7.42	94	
						6383 dt. 7.5.2014	Not collected				160	492.8	7.96	222	
						6382 dt. 7.5.2014	Not collected				82	308.8	7.97	86	
						6455 dt. 20.5.2014	Not collected				72	276.8	7.89	36	
						6580 dt. 17.6.2014	Not collected				120	455.2	8.31	318	
						7472 dt. 13.11.2014	Not collected				110	380.8	7.49	380	
						8079 dt. 31.12.2014	Not collected				84	348	7.81	156	

						7576 dt. 24.11.2014	Not collected				58	262.4	7.87	88	
						522 dt. 7.7.2015	Not collected				65	270.4	8.84	43	
						1306 dt. 27.11.2015	Not collected				63	230.4	8.79	43	
						1994 dt. 30.5.2016	Not collected				50	192.8	7.69	62	
						3756 dt. 8.11.17	Not collected				24	206.4	7.39	19	
						4022 dt. 23.1.18	230	874.4	8.32	672	190	836.8	8.39	516	
3	IE Barhi, Sonepat	8		8											
						3428 dt. 23.8.17	130	481.6	6.98	196	62	286.8	7.85	23	
4	IE Rai, Sonepat	5	pH : 5.5-9.0 Temperature : 45 Oil & Grease : 20	3.0 MLD	--	4713 dt. 27.5.2013	Not collected				11	72	8.21	8	Not installed.
						5349 dt. 17.9.2013	Not collected				17	72.8	7.93	18	
						5614 dt. 29.11.2013	Not collected				24	126	7.67	26	
						6105 dt. 17.2.2014	Not collected				21	104.8	8.27	17	
						6582 dt. 17.6.14	Not collected				18.2	86.4	8.11	20	
						6905 dt. 31.7.2014	Not collected				17	69.2	8.33	13	
						7575 dt. 24.11.2014	Not collected				19	89.6	7.88	48	
						664 dt. 3.8.2015	Not collected				16.2	82	7.62	26	
						1303 dt. 26.11.2015	Not collected				74	271.2	8.19	72	
						1907 dt. 5.5.2016	Not collected				26	118	7.54	59	
						190 dt. 3.11.2016	Not collected				110	372	9.1	320	
						2607 dt. 4.1.17	Not collected				19	73.6	7.84	11	
						2932 dt. 10.4.17	360	1187.2	6.8	8426	20	93.6	7.77	47	
						3617 dt. 11.10.17	900	4712	6.65	860	12	48	7.4	24	
						3975 dt. 4.1.18					12	51.6	8.02	18	
						4424 dt. 6.4.18	2050	9716	6.82	526	15	54	7.78	19	
5	IE Kundli, Sonepat	4	pH 5.5-9.0 Temperature:45 Oil & Grease : 20	2.5 MLD	--	2074 dt. 20.5.2011	Not collected				80	276	8.41	156	Not installed.
						2631 dt. 12.10.2011	Not collected				135	486.4	7.33	42	
						3131 dt. 30.3.2012	Not collected				23.4	141.6	7.39	48	
						4371 dt. 18.3.2013	Not collected				21	129.6	6.08	78	
						4712 dt. 27.5.2013	Not collected				26.8	154.4	7.98	24	
						5347 dt. 17.9.2013	Not collected				23	117.6	7.52	42	
						5615 dt. 29.11.2013	Not collected				24.8	139.2	7.73	27	
						6106 dt. 17.2.2014	Not collected				22.2	102.4	8.1	39	
						6576 dt. 17.6.2014	Not collected				42	142.4	7.73	90	
						6904 dt. 31.7.2014	Not collected				21	112	7.56	17	
						8099 dt. 3.1.2015	Not collected				46	158.4	7.82	85	
						7560 dt. 21.11.2014	Not collected				22	121.6	7.64	76	
						1307 dt. 27.11.2015	Not collected				21	96	8.3	25	
						1906 dt. 5.5.2016	Not collected				23	119.2	7.66	36	
						192 dt. 3.11.2016	Not collected				130	472	8.1	310	

						2643 dt. 16.1.2017					47	148.8	7.66	36	
						3217 dt. 27.6.17	157.5	592	7.83	330	40	146.4	8.05	43	
						3620 dt. 11.10.17		Not collected			19	84.4	7.6	17	
						4425 dt. 6.4.18	260	821.8	7.23	646	17	81.2	7.89	18	
6	IE Murthal, Sonapat	0.2	pH : 5.5-9.0 Temperature : 45 Oil & Grease : 20 Phenolic Compounds : 5.0 Ammonical Nitroge : 50 Cynide : 2.0 Chromium hexavalent : 2.0 Chromium : 2.0 Copper : 3.0 Lead : 1.0 Nickel : 3.0 Zinc : 15 Arsenic : 0.2 Mercury : 0.01 Cadmium : 1.0 Selenium : 0.05 Fluroide : 15 Boron : 2.0	0.2 MLD	--	6108 dt. 17.2.2014		Not collected			52	209.6	7.87	82	Not installed.
						2088 dt. 20.5.2011		Not collected			162	652.8	8.08	254	
						2630 dt. 12.10.2011		Not collected			142.5	504	7.55	490	
						4384 dt. 19.3.2013		Not collected			112	380.8	7.35	122	
						5348 dt. 17.9.2013		Not collected			24	124.8	7.51	68	
						5612 dt. 29.11.2013		Not collected			82	311.04	7.47	66	
						6454 dt. 20.5.2014		Not collected			24.8	120.8	8.06	50	
						6581 dt. 17.6.2014		Not collected			23.4	101.6	8.16	22	
						6901 dt. 31.7.2014		Not collected			17.6	87.2	7.38	16	
						7471 dt. 12.11.2014		Not collected			26	116.8	7.58	24	
						7614 dt. 25.11.2014		Not collected			24	138.4	7.86	67	
						1341 dt. 30.11.2015		Not collected			24	132	8.19	28	
						575 dt. 27.7.2015		Not collected			21	72.4	7.62	26	
						1905 dt. 5.5.2016		Not collected			57	242.4	7.43	54	
						144 dt. 20.9.16		Not collected			36	120	6.4	50	
						2971 dt. 25.4.17		Not collected			12	52	8.18	10	
						3619 dt. 11.10.17	80	332.8	6.91	120	12	52	7.05	14	
						3969 dt. 4.1.18					20	128.8	8.21	11	
						4426 dt. 6.4.18	540	2475.2	7.1	674	22	105.2	7.6	54	
7	IMT Manesar Gurgaon HSIIDC	55 MLD	pH : 4.5- 9.00 BOD: 750 TSS : 1200 COD : 1500	15 MLD	NA	606-607 dt. 03-03-2009					17	88	7.7	26	Not installed.
						99 dt. 07-05-2010					210	440	6.3	146	
						1030 dt. 27-11-2013					18	76	7.7	43	
						270-271 dt. 07-06-2011					28	144	8.1	44	
						2255 dt. 12-07-2011					125	473.6	7.88	270	
						3068 dt. 12-03-2012					20	112.8	7.84	21	
						61-62 dt. 26-04-2011					85	304	8.5	118	
						573 dt. 13-11-2009					160	396	7.2	162	
						501 dt. 14-10-2009					170	416	6.9	228	
						1431 dt. 14-10-2010					158	492	7.22	170	
						785-786 dt. 22-12-2010					130	376	8	146	
						1030-1031 dt. 08-02-2013					8	84	7.9	63	
						1334-1335 dt. 20-03-2013					17	96	7.5	59	
						5315 dt. 12-09-2013					41.8	113	6.88	38	
						1030 dt. 27-11-2013					18	76	7.7	43	

						1502-1503 dt. 10-03-2014					23	112	7.8	46					
						460 dt. 27-06-2014					20	108	7.5	42					
						1053 dt. 24-11-2014					17	124	7.8	41					
						1397 dt. 03-01-2015					18	104	7.6	52					
						1165-1166 dt. 16-11-2015					19	124	7.5	46					
						2063-2064 dt. 09-03-2016					21	128	7.7	36					
						204-205 dt. 29-06-2016					10	76	8.2	24					
						470-471 dt. 28-10-2016					16	72	7.7	51					
						849-850 dt. 28-03-2017	320	1240	7.7	254	10	56	8	21					
						149-150 dated 28-06-2017	310	960	7.4	273	7	44	7.9	18					
						405-406 dt. 29.11.2017	140	380	7.8	232	7	48	8.4	9					
						511-512 dt. 18.12.2017	130	368	6.9	212	6	32	7.6	8					
						676-677 dt. 19.03.2018	135	416	8	196	8	44	7.4	9					
8	Sec-37, Gurgaon	0.2 MLD	pH : 5.5- 9.00 Temperature: 45 TSS : 200 COD : 800-500 Nicle: 3.0 Heaxavalent Chorme as cr: 2.0 Total Chorme as cr :	0.2 MLD	NA	93 dt. 19-05-2009					NA	96	7	40	Not installed.				
											510-511 dt. 18-12-2008				NA	108	7.7	54	
											555 dt. 22-01-2009				NA	72	6.7	23	
											380 dt. 18-08-2009				NA	104	7.3	43	
											952-953 dt. 23-03-2010				NA	232	6.5	76	
											942 dt. 15-03-2011				NA	232	8.4	88	
											1234-1235 dt. 26-02-2012				NA	188	8.3	46	
											954-955 dt. 23-11-2011				NA	92	6.3	32	
											364-365 dt. 19-06-2012				NA	680	1.5	204	
											924 dt. 06-09-2013				NA	168	7.1	42	
											407-408 dt. 23-06-2014				NA	212	7.6	45	
											1024-1025 dt. 15-11-2014				NA	212	7.6	45	
											1054 dt. 24-11-2014				NA	192	7.4	38	
											1407 dt. 04-01-2015				NA	216	6.6	43	
											1163-1164 dt. 16-11-2015				NA	188	7.2	38	
						2061-2062 dt. 09-03-2016				NA	76	7.4	19						

						476-477 dt. 02-11-2016					NA	76	7.4	19	
						845-846 dt. 28-03-2017	NA	440	2.5	185	NA	68	7.5	44	
						141-142 dt. 27-06-2017	NA	280	2.1	164	NA	108	7.6	27	
						399-400 dt. 27.9.2017	NA	264	2.3	184	NA	52	7.3	57	
						528-529 dt. 01.01.2018	NA	300	1.8	176	NA	116	6.2	31	
						720-721 dt. 26.03.2018	40	312	1.4	184	9	172	7.1	22	
9	Faridabad Electroplaters Association, Sec-58, Faridabad	0.675 MLD	pH: 2.0 Conductivity: 10650 SS: 192 BOD: 11 COD: 432 O & G: 6 Iron as Fe: 24.6 Total Cr: 5.2 Ni: 2.0, Zn-10.8, Copper: 5.4 Sul: 1250 Ammonical N: 14.2 Chlorine: ND Fluoride: 4.8 Chloride: 2250	0.350 MLD	Nil	9M dt. 30.04.2013	****	****	1.9	246	****	****	7.9	49	Installed for pH and chrome by SCADA System
						68M,09.09.2009	****	****	1.8	278	****	****	8.4	42	
						113M,25.11.2013	****	****	****	****	****	224	8.3	46	
						143,09.03.2014	****	560	1.1	212	****	184	8.5	79	
						6536,10.06.2014	****	372	2.03	342	****	61.6	7.52	17	
						161M,04.01.2015	****	****	****	****	****	****	7.8	43	
						583,27.07.2015	****	12960	2.37	8342	****	165.6	8.82	20	
						07,29.04.2016	9	496	2.6	172	5	108	7.9	31	
						45, 22-08-2016	****	****	****	****	4	80	8.1	35	
						147M, 23.11.2016	11	432	2	192	6	88	7.98	38	
						35M, 02-06-2017					5	80	7.68	72	
						138M 29.11.2017					9	7	7.3	48	
						168M, 16-01-2018					7	64	7.3	39	
						04M, 24.04.2018					5	72	6.9	32	
10	IMT Faridabad Sec-68 (Ballabgarh	10.5				143 dt. 12.12.2017					19	84	8.2	25	

						171M dt. 16.01.2018	44	272	8.6	137	7	32	7.4	9	
						03M dt. 24.04.2018					5	24	7.3	8	
11	IE Barwala, Panchkula	0.5	pH : 6.5- 8.5 BOD : 250 -300 TSS : 200 COD : 400 - 500	0.4	nil	2403, 03.10.2016	Not collected				3.6	43.2	7.74	16	Not installed
						2006, 01.06.2016	36	299.2	7	318	8.2	70.4	6.67	14	
						2403, 30.09.2016	Not collected				3.6	43.2	7.74	16	
						2642, 12.01.2017	-	320.8	7.45	124	-	66.4	7.89	26	Not installed
						3386 dt. 8.8.2017					16	59.2	7.24	26	
						3745 dt. 6.11.2017					-	47.2	6.93	32	
						4098 dt. 07.02.2018					14	50	7.66	15	
						Sample not collected on 26.04.2018 and report awaited									
12	Ambala Cantt.	0.5	-	0.4	nil	1197 01.06.2016	-	721.6	6.48	140	--	113.6	6.96	44	Not installed
						2401, 30.09.2016	980	2856	6.18	400	15	62.8	7.21	16	
						2674, 23.01.2017	490	1366.4	6.18	286	17	65.6	7.49	22	
						3412, 11.08.2017	Not collected				--	34.4	7.16	30	
						3809 dt. 10.11.2017					-	58	6.9	80	
						4084 dt. 30.01.2018					18	67.6	7.68	30	
						Sample not collected on 26.04.2018 and report awaited									
13	IDC Saha, Ambala	5				3398, 11.08.2017	--	920	6.8	620	--	41.2	7.54	7	Not installed
						3796 dt. 10.11.2017					14	53.2	6.79	17	
						4083 dt. 30.01.2018					11	38.4	8.12	37	
						Sample not collected on 26.04.2018 and report awaited									
14	I. E. Jind	0.1	pH - 6.0-9.0, BOD - 350, COD - 700, TSS - 250, O&G - 50	7.5 KLD	-	5955 Dt. 20.01.14					67	227.2	8	126	Not installed
						6748 Dt. 04.07.14	280	843.2	6.97	624	160	480.8	7.48	182	
						7565 Dt. 21.11.14					160	288	6.7	440	
						175 Dt. 18.05.15					414	1624	7.37	140	
						1916 Dt. 05.05.16					180	731.2	7.48	168	
						2025 Dt. 03.06.16					160	480.8	7.48	182	
						2398 Dt. 30.09.16	256	900.8	7.33	286	108	328	7.71	114	
						3961 Dt. 01.01.2018					17.5	82.4	8.23	16	
15	IMT, Rohtak	10	pH - 4.5 - 9.0, TSS - 1200 mg/l BOD - 750 mg/l, COD - 1500 mg/l, O&G - 100 mg/l			42,43 dt. 02.06.2017	60	720	6	440	12	88	6.9	20	
						155, 156 dt. 29.9.2017	60	560	7.3	320	10	88	7.9	14	
						235 dt. 10.01.2018					14	54	7.6	30	
						298 dt. 30.3.2018					10	32	8.3	18	

16	IMT, Bawal, Rewari (HSIDC)	22.5													
						505 dt. 15.12.2017					5	24	8	9	
						12-13 dt. 23.04.2018	90	272	7.7	146	4	20	7.8	8	