

JAYPEE HIMACHAL CEMENT PLANT - BAGA (ARKI) SOLAN HP
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)
SEWAGE TREATMENT PLANT REPORT
MONTHLY REPORT (September ' 2016)

Location 1 :- Township

DATE	pH	TSS	COD	BOD
1/09/2016	6.8	34	42	
3/09/2016	7.3	28	46	
5/09/2016	7.1	32	42	11
7/09/2016	7.1	34	42	
9/09/2016	7.2	32	36	
12/09/2016	6.9	38	52	14
14/09/2016	7.1	40	44	
16/09/2016	7.1	38	44	
19/09/2016	7.2	30	50	
20/09/2016	6.8	34	38	12
22/09/2016	7.4	38	44	
26/09/2016	7.1	38	48	
28/09/2016	7.4	30	52	
30/09/2016	6.9	30	40	10
Maximum	7.4	40	52	14
Minimum	6.8	28	36	10
Average	7.10	34.00	44.29	11.75
Standard Deviation	0.196	3.843	4.890	1.708
Coefficient of Variation	0.028	0.113	0.110	0.145

All values are in mg/l except pH

Location 2 :- Panali Camp

DATE	pH	TSS	COD	BOD
1/09/2016	7.5	30	42	
3/09/2016	6.9	40	40	
5/09/2016	7.3	40	42	9
7/09/2016	7.1	32	46	
9/09/2016	7.2	40	42	
12/09/2016	7.2	28	50	10
14/09/2016	7.3	34	50	
16/09/2016	7.2	34	54	
19/09/2016	6.9	38	44	
20/09/2016	7.2	44	38	8
22/09/2016	7.2	32	44	
26/09/2016	7.1	38	42	
28/09/2016	7.3	42	46	
30/09/2016	7.1	36	38	11
Maximum	7.5	44	54	11
Minimum	6.9	28	38	8
Average	7.18	36.29	44.14	9.50
Standard Deviation	0.158	4.762	4.672	1.291
Coefficient of Variation	0.022	0.131	0.106	0.136

All values are in mg/l except pH

Location 3 :- Basant Kunj

DATE	pH	TSS	COD	BOD
1/09/2016	7.3	32	44	
3/09/2016	7.2	32	44	
5/09/2016	7.2	38	48	12
7/09/2016	6.9	36	50	
9/09/2016	7.4	36	46	
12/09/2016	6.8	30	46	9
14/09/2016	7.2	32	46	
16/09/2016	7.3	42	58	
19/09/2016	7.3	34	48	
20/09/2016	6.9	40	40	10
22/09/2016	6.9	42	48	
26/09/2016	7.3	40	50	
28/09/2016	7.1	36	44	
30/09/2016	6.8	32	46	7
Maximum	7.4	42	58	12
Minimum	6.8	30	40	7
Average	7.11	35.86	47.00	9.50
Standard Deviation	0.211	4.036	4.132	2.082
Coefficient of Variation	0.030	0.113	0.088	0.219

All values are in mg/l except pH

Location 4 :- Baga Bhavan

DATE	pH	TSS	COD	BOD
1/09/2016	7.2	36	40	
3/09/2016	7.2	32	44	
5/09/2016	6.8	34	36	11
7/09/2016	7.6	38	44	
9/09/2016	7.3	34	40	
12/09/2016	7.1	42	48	13
14/09/2016	6.7	36	38	
16/09/2016	7.4	36	48	
19/09/2016	7.4	38	52	
20/09/2016	7.2	36	44	10
22/09/2016	7.3	40	40	
26/09/2016	7.4	30	42	
28/09/2016	7.2	36	46	
30/09/2016	7.1	36	40	8
Maximum	7.6	42	52	13
Minimum	6.7	30	36	8
Average	7.21	36.00	43.00	10.50
Standard Deviation	0.237	3.038	4.420	2.082
Coefficient of Variation	0.033	0.084	0.103	0.198

All values are in mg/l except pH