

PUNJAB POLLUTION CONTROL BOARD, VATAVARAN BHAVAN, PATIALA
MONTHLY MONITORING OF STPs
MONTH JUNE, 2018

Parameters	STPS at LUDHIANA (PWSSB)		Zone -I Doraha	STPs at Pholriwal Jalandhar (PWSSB)	Mohali Sector 83	Basti Peer Dad	Phagwara	Phillour	Sultanpur Lodhi	Kapurthala	Dasuya	Mullanpur
	Baloke											
	152 MLD	105 MLD		100 MLD	45.4 MLD	50 MLD	20 MLD	2.6 MLD	2.6 MLD	25 MLD	4 MLD	3 MLD
Date of Receipt	7/6	7/6	25/6	7/6	13/6	7/6	8/6	8/6	28/6	7/6	7/6	19/6
pH	7.3	7.1	7.8	7.4	7.1	7.4	7.4	8.4	8.2	7.2	8.0	7.5
BOD mg/l	28	15	24	26	18	18	24	34	28	36	22	18
COD mg/l	128	78	120	136	77	88	120	128	118	156	122	88
TSS mg/l	52	16	31	39	28	24	40	56	36	48	49	14
T.Coli MPN/100ml	92000	54000	-	7000	4700	4300	9400	8400	3500	8400	8400	4100
Feacal Coliform MPN/100ml	22000	14000	-	1700	1400	1100	3200	2600	2200	2100	2100	1400
PO ₄ -P mg/l	-	-	-	2.0	0.33	2.0	3.2	2.1	2.0	1.7	1.2	-
Ammonical Nitrogen as N mg/l	29	24.5	1.2	24	10.1	19.6	27.4	9.8	14	11.6	16.2	-
N-total mg/l	34.8	29.4	2.4	32	12.8	25.2	33	11.5	20	14.8	21.6	-
SAR	2.9	2.9	7.4	2.8	2.76	2.0	4.4	-	-	2.42	-	8.4
E.C. µs/cm	1280	1224	-	1016	963	-	-	1230	731	1056	-	-
RSC meq/l	-	-	0.4	0.4	1.9	0.6	2.0	-	-	3.23	-	0.4
Sulphate mg/l	-	-	102	92	86	64	-	62	86	81	-	-
Mn mg/l	0.21	0.31	0.14	-	-	0.4	-	-	-	-	-	0.17
Zn mg/l	0.12	BDL	0.45	0.1	-	0.1	-	-	-	-	-	0.54
Fe mg/l	4.42	4.96	1.08	0.6	-	1.25	-	-	-	-	-	1.54
T. Cr. mg/l	BDL	BDL	BDL	BDL	-	BDL	-	-	-	-	-	BDL
As mg/l	-	-	-	BDL	-	BDL	-	-	-	-	-	-
Ni mg/l	BDL	BDL	0.24	BDL	-	BDL	-	-	-	-	-	0.24
Pb mg/l	BDL	BDL	-	BDL	-	BDL	-	-	-	-	-	-
Cd mg/l	BDL	BDL	-	BDL	-	BDL	-	-	-	-	-	-

BDL means below Method detection Limit

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Parameters	Chandigarh (Phase 9 mohali)/ (Sec-66 Mohali)	Naya Nangal (PWSSB)		Samana	Nawanshahar	Banga	Tanda	Mukerian
		MC	BBMB					
	135 MLD	8.0 MLD	6.75 MLD	10 MLD	6 MLD	3 MLD	4 MLD	5 MLD
Date of Receipt	15/6	13/6	13/6	22/6	7/6	7/6	7/6	7/6
pH	7.5	7.4	7.1	7.8	7.2	7.25	7.3	7.4
BOD mg/l	12	14	11	12	6	20	9	8
COD mg/l	52	52	36	50	32	80	48	63
TSS mg/l	33	33	19	16	-	-	12	16
Total Coli MPN/100ml	4800	4000	3200	3400	1100	5800	1400	1200
Faecal Coliform MPN/100ml	1200	1100	920	1000	400	1100	310	450
PO ₄ -P mg/l	0.9	0.33	0.61	0.4	0.8	2.8	2.2	1.4
Ammonical Nitrogen as N mg/l	12.6	7.0	5.3	16.3	0.7	9.2	8.8	8
N-total mg/l	15.1	8.5	7.9	19.6	0.8	20.4	15.4	12
SAR	2.3	1.0	0.80	2.0	-	-	-	-
E.C. µs/cm	732	589	526	1272	-	-	-	818
RSC meq/l	1.7	0.58	0.35	1.2	-	-	-	-
Sulphate mg/l	61	35	42	124	-	48	44	52

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Parameters	Rasoolpur	STP Bhari Haveli	STP Nahin colony (Ropar)	Sadabarat	Hoshiarpur
		10 MLD	0.25 MLD	2 MLD	30 MLD
Date of Receipt	20/6	19/6	20/6	19/6	7/6
pH	7.2	7.5	7.3	8.1	7.9
BOD mg/l	6	7	6	6	6
COD mg/l	24	28	24	26	23
TSS mg/l	BDL	7	8	11	14
Total Coli MPN/100ml	1100	1100	-	1100	1200
Faecal Coliform MPN/100ml	400	400	-	400	400
PO ₄ -P mg/l	0.4	1.0	0.3	1.8	0.6
Ammonical Nitrogen as N mg/l	2.4	3.1	2.5	2.6	10.2
N-total mg/l	2.8	3.7	3.0	3.9	16.0
SAR	2.6	2.2	2.0	2.2	2.2
E.C. µs/cm	926	1099	660	826	1939
RSCmeq/l	2.3	0.6	1.8	1.6	1.4
Sulphate mg/l	92	102	-	83	44

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